

Roxhill Developments Limited

M1 Junction 15 West - Roade Bypass

Preliminary sources study report

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RSK GENERAL NOTES

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CONTENTS

1 INTRODUCTION 4
1.1 Introduction 4
1.2 Terms of reference 4
1.3 Proposed development 4
1.4 Objective 4
1.5 Scope 5
1.6 Background information 5
1.7 Limitations 6
2 SITE DETAILS 7
2.1 Site location 7
2.2 Local topography, geography and geomorphology 7
2.3 Site description 8
3 SOURCES OF INFORMATION 9
3.1 Research 9
3.2 Responses to enquiries 9
3.2.1 South Northamptonshire Council 10
3.2.2 Environment Agency 10
3.2.3 Department of Environment, Food and Rural Affairs (DEFRA) 11
3.3 Additional site specific information 11
3.3.1 Exploratory hole data obtained from the British Geological Survey (BGS) 11
3.3.2 Environment Agency 11
3.3.3 Coal Authority 11
4 HISTORY OF SITE AND SURROUNDING AREA 13
4.1 Former and current site and surrounding area uses 13
5 DESK STUDY INFORMATION 15
9 PRELIMINARY CONTAMINATED LAND RISK ASSESSMENT 20
9.1 Potential sources of contamination 20
9.3 Potential contamination pathways 21
9.4 Potential existing receptors 21
9.5 Potential future receptors 22
9.6 Data gaps and uncertainties 22
9.7 Preliminary contaminated land risk assessment 22
9.7.1 Risk to human health during construction 23
9.7.2 Risk to human health post construction 23
9.7.3 Risk to local ecology and landscape planting 23
9.7.4 Risk to surface water 23
9.7.5 Risk to groundwater 24
9.7.6 Risk due to ground gas 24
9.7.7 Risk to buried structures and services 24
9.7.8 Risk to Roade Cutting (Geological SSSI) 24
9.8 Requirement for further assessment 24

10 ASSESSMENT OF GEOTECHNICAL RISKS 26
10.1 Preliminary geohazard and geotechnical assessment 26
10.1.1 Mining and natural cavities 26
10.1.2 Man made voids or obstructions 26
10.1.3 Earthworks 26
10.1.4 Existing cut slopes 27
10.1.5 Existing embankment slopes 27
10.1.6 Proposed cut slope design 27
10.1.7 Proposed embankment design 27
10.1.8 Cut to fill transition zones 28
10.1.9 Earthworks – Materials Reuse 28
10.1.10 Aggressive soil chemistry 29
10.1.11 Highway construction 29
10.1.12 Groundwater levels 29
10.1.13 Drainage 30
10.2 Requirement for assessment 30
11 BASIS FOR DESIGN OF GROUND INVESTIGATION 31
11.1 General concept 31
11.2 Restrictions and constraints to ground investigation 32
12 CONCLUSIONS AND RECOMMENDATIONS 34
12.1 Conclusions and recommendations 34
BIBLIOGRAPHY 35

TABLES

Table 1: Sources of information reviewed 9
Table 2: History of site 13
Table 3: History of surrounding area 14
Table 4: Geology of site 15
Table 5: Hydrogeology 16
Table 6: Hydrology 17
Table 7: Natural ground hazards of site 18
Table 8: Environmental information: pollution, landfill and industrial land use 19
Table 9: Identified risks of potential contamination sources 20
Table 10: Restrictions and constraints to ground investigation 32

FIGURES

Figure 1 Site location plan
Figure 2 Proposed development plan
Figure 3 Solid geology
Figure 4 Drift geology

APPENDICES

Appendix A Service constraints

Appendix B Summary of legislation and policy relating to contaminated land

Appendix C Risk assessment methodology

Appendix D Preliminary contaminated land risk assessment matrix

Appendix E Preliminary geotechnical risks register

Appendix F Environmental database information

Appendix G Search responses and information

Appendix H Site photographs and walkover survey

1 INTRODUCTION

1.1 Introduction

RSK Environment Limited (RSK) has been commissioned by Roxhill Developments Limited (the Client) to carry out a Preliminary Sources Study Reports (PSSR) for the site of the proposed Roade Bypass which forms part of the M1 Junction 15 West, Northampton Strategic Rail Freight Interchange development.

This report is subject to the RSK service constraints given in Appendix A.

1.2 Terms of reference

This report comprises a desk study in general accordance with the requirements of:

- BS5930:2015+A2:2010 'Code of practice for site investigations' (Desk Study);
- Environment Agency CLR 11 2004a 'Model Procedures for the Management of Land Contamination' (Contaminated Land Risk Assessment);
- BS EN 1997-2:2007. Eurocode 7 — Geotechnical design — Part 2: Ground investigation and testing; and
- Highways Agency HD22/08, 'Managing Geotechnical Risk' (Preliminary Sources Study Report).

1.3 Proposed development

It is understood that the site is being considered for a new bypass from the A508 (Northampton Road) north of the town of Roade, around its western extents, and rejoining the A508 (Stratford Road), south of Roade, as shown in Figure 1. At this stage, two possible routes are proposed, as indicated on Figure 2. This report assesses the area which covers both potential alignments.

Site levels vary along the proposed route of the new bypass, and a cut and fill earthworks reprofilling exercise will be required to achieve a suitable vertical and horizontal alignment for the bypass.

1.4 Objective

The aim of this report is to evaluate the Client's liabilities and risks in order to support the design of the scheme and subsequent planning process.

In accordance with the Client's specific objectives, requirements and brief; the objectives of this report are primarily:

- To provide a record of readily available information pertaining the development area, including its development history;

- To review and consolidate any previously published information pertaining to the ground conditions at the development area;
- To form the initial basis for the design and scoping of ground investigations required to inform detailed design of the proposed scheme; and
- To form the baseline for assessment of the geology, soils and groundwater elements for an Environmental Statement Chapter upon the geology, soils and ground conditions which is required to be submitted to support the proposed scheme.

1.5 Scope

The project has been carried out to an agreed brief as set out in RSK's proposal (ref. 313228-01 (00) Junction 15 M1 – Roade Bypass, Desk Based Assessment to Support EIA, dated 23rd June 2016

The report presents the following:

- A study of local geology and ground conditions;
- The identification of associated potential geological and geotechnical hazards and risks;
- A study of land-use, development history and environmental data pertaining to the site and the surrounding area based primarily on an environmental database report obtained;
- The identification of aquifer vulnerability rating beneath the site and local water abstraction licenses from Environment Agency records and the environmental database report;
- A site reconnaissance inspection including photographic survey;
- The identification of potential sources of contamination and targets at risk from possible contamination;
- A preliminary Conceptual Site Model (CSM) outlining potentially complete pollutant linkages for the site; and
- A preliminary Geotechnical Risk Register.

1.6 Background information

A preliminary plan indicating the two possible routes for the proposed Roade bypass has been supplied to RSK by the Client. The locations of these two routes have been extracted and are indicated upon Figure 2.

No previous site investigation data or reports related to the proposed alignment are known to RSK.

1.7 Limitations

The comments given in this report and the opinions expressed are based on the available data and observations made during the walkover studies on accessible parts of the site; however, there may be conditions pertaining to the site that have not been disclosed by the desk-based study, and therefore could not be taken into account.

2 SITE DETAILS

2.1 Site location

The site area assessed covers approximately 73 hectares, the centre of which is defined by the following National Grid co-ordinates: 474771, 251869. The proposed alignment wraps around the north western side of the Village of Roade from the north to the south-west in a rough 'C' shape, starting at the A508 Northampton Road, and ending at the A508 Stratford Road. There are no specific or defined boundaries as the route for the proposed bypass crosses several agricultural fields, a live railway line, a drainage ditch, Blisworth Road and a former disused railway cutting.

The village of Stoke Bruerne is located approximately 1km south west of the most southerly point of the alignment with the village of Blisworth is situated approximately 2km to the north west of the site.

2.2 Local topography, geography and geomorphology

The site sits within a formerly glaciated area. The land is gently undulating with a general slope to the south of the site. At its highest, the site elevation is approximately 122m AOD located where the proposed bypass branches off from the A508 Northampton Road, north of the town of Roade. The proposed bypass crosses over a railway line north-west of the town of Roade, which is located within a deep cutting. The route dips to less than 115m AOD just after it crosses Blisworth Road and the drainage ditch, before rising back to 120m AOD at its most westerly extent. At the time of the walkover the drainage ditch did not contain any water. The route the drops again towards the A508 Stratford Road, rejoining at an elevation of approximately 100m AOD, although the topography is undulating at this end of the site.

The proposed bypass is to meet a modified section of the A508 Stratford Road, at the point at which it crosses an historic, now dismantled, overgrown railway line which from mapping is suggested to be within cutting.

The geological sequence of the majority of the site is understood to comprise Oadby Member Glacial Till (Superficial) overlying solid deposits anticipated to be the Blisworth Limestone Formation, which is principally limestone's with thin bands of fossiliferrous mudstone and marls, underlain by the succession of marine and non-marine mudstones of the Blisworth Clay, Rutland Formation, Stamford Member, Northampton Sand Formation with the Whitby Mudstones at depth. Locally other deposits including Cornbrash limestone's might be encountered at depth at the northern extent.

2.3 Site description

A site walkover was undertaken on the 22nd July 2016 and 24th August 2016. Photographs and associated descriptions are included in Appendix I together with walkover survey notes. The walkover survey was undertaken from highways and public rights of way, and publicly accessible land. Therefore, some areas of the site have not been directly inspected at this time. In addition to that which could be viewed during the walkover, up to date aerial photography has been used to supplement the site description.

The proposed alignment of the proposed bypass predominately comprises fields, intersected by, from north to south, a railway line, Blisworth Road, a drainage ditch, a rough track/road and finally a dismantled railway line.

From its northern extent, the proposed route leaves the A508 Northampton Road heading roughly west and crosses a ditch and hedge before crossing an arable field. Beyond the field the route crosses an existing railway line located within a steep, densely vegetated cutting. Immediately beyond the railway is an additional arable field with hedgerow boundaries. The first field is accessible from the A508 Northampton Road. While access during the walkover was not available, it appears that the second field is accessible via a bridge over the railway line from the first field.

The route then turns south-west and passes through two livestock (sheep/cattle) fields bounded by hedgerows, between which is Blisworth Road. The field to the north of Blisworth Road is accessible via an adjacent field, while the field to the south is not accessible from the Road, and appears to be accessible via Hyde Farm.

From there the route heads south and crosses a drainage ditch between the southern livestock field and into a final livestock field, bounded again by hedgerows and semi mature trees and a shallow ditch, accessible via Hyde Farm. The route then turns south-east and crosses two arable fields separated by a farm track which provides access to the fields, and originates at Dovecote Farm off of Blisworth Road.

The route then terminates at the A508 Stratford Road, at the site of a dismantled railway. The dismantled railway is heavily overgrown by dense shrubs, brambles and semi-mature and mature trees. The end of the former railway immediately adjacent to the A508 is fully overgrown. An area of low growth and grassed verge is present adjacent to the A508, while the point at which the proposed bypass and the modified A508 will meet is accessed via the arable field to its north, mentioned above. The dismantled railway can also be accessed via a gated entrance of an adjacent field, further south along the A508.

3 SOURCES OF INFORMATION

3.1 Research

The desk-based research undertaken to support this report comprised a review of published information available within the public domain and information provided by or obtained for the Client (as detailed in Table 1: Sources of information reviewed below).

Table 1: Sources of information reviewed

Information	Status
Landmark Envirocheck Report	✓
Landmark Envirocheck historical OS maps	✓
Groundwater Vulnerability Map (Landmark digital reproduction)	✓
1:10, 000 Geology Maps (Landmark digital reproduction)	✓
BGS Geological Map 1:50,000 series (sheet 202, Towcester, Solid and Drift)	✓
BGS borehole database	✓
Existing services information (Provided by Client)	AR
Environment Agency (online resource)	✓
Environment Agency Consultation	✓
Local Authority Consultation (Contaminated Land & Building Control)	✓
Northamptonshire County Council Website (Minerals & Waste Development Frameworks)	✓
Website search	✓
DEFRA Enquiry (Animal Burial)	✓
DETR (PBA) Natural Cavities Database Search	NA
Coal Authority Interactive Viewer and Gazetteer (online resource)	✓
Coal Authority Mining Report	NA
Zetica UXB Risk Maps (online)	✓
Aerial photograph (online satellite imagery & 1947)	✓

Key: NA = Not applicable, AR = Awaiting response, ✓ = Information viewed or/and received

3.2 Responses to enquiries

Copies of the correspondence sent and received from the various enquiries and print outs of data obtained from the various data sources other than the Landmark Environmental Database and available BGS borehole data are included within Appendices F to H respectively. The responses are briefly summarised below;

3.2.1 South Northamptonshire Council

The local authority for South Northamptonshire were contacted and requested to consult their records to identify any potential for natural geohazards and contamination hazards at the Development Site. In particular they were asked to confirm whether any part of the site is, or has been, classified as contaminated land; or has been subject to remedial action.

The full response issued by the local authority is presented within Appendix H, with historical response for the former scheme included within Appendix J. The recent consultation response is summarised below.

The response indicates that the site is not, and has not previously, been designated as contaminated land, or subject to any remedial action. No natural geohazards were identified.

The recent response identified that the sites lie within 500m of two landfills;

- The Simplex Works (Reference S/76/001, 2800/5418-EA Ref EAHLD02283) response indicates that no part of the Development Site is a registered landfill.

The Olde Roade Quarry (Reference S2800/0004-EA Ref EAHLD35665) response indicates that no part of the Development Site is a registered landfill.

3.2.2 Environment Agency

The Environment Agency were contacted and requested to consult their records to identify any potential for contamination hazards particularly with respect to controlled waters at the Development Site. In particular they were asked to confirm whether any part of the site is, or has been, classified as contaminated land; or has been subject to remedial action.

The full response issued by the Environment Agency is presented within Appendix H and the key consultation findings are summarised below.

The response indicates that the Agency consider that the controlled waters beneath the site within the deeper solid deposits of the Blisworth Limestone Formation to be a principal aquifer of high environmental sensitivity with groundwater potentially present at depths of around 6m below existing ground levels. However, this is for the most part overlain by a mantle of unproductive and low permeability **Oadby Member** (Diamicton Till / Glacial Till) which is anticipated to be primarily over consolidated sandy gravelly clay. The Agency confirms that they are not aware of any contamination issues relating to the site.

The Agency confirms that they have no records of landfills being present on the site. They do however confirm that The Pianoforte Supplies – Old Quarry landfill lies adjacent to part of the site (approx Grid Reference SP7545150939).

3.2.3 Department of Environment, Food and Rural Affairs (DEFRA)

Given the current use of the site as farmland, the Department of Environment, Food and Rural Affairs (DEFRA) were contacted in order to obtain records of any on-farm burial of fallen livestock.

The full response issued by DEFRA is presented as Appendix H and indicates that there are no records of on-farm burial having taken place at the site. It is therefore considered unlikely that the Development Site will have been impacted by detrimental gas or leachate production associated with the sub-surface decomposition of buried livestock; although the possibility of illegitimate burial cannot be discounted.

3.3 Additional site specific information

3.3.1 Exploratory hole data obtained from the British Geological Survey (BGS)

A search of available borehole records held by the BGS indicates that two records are available in close proximity to the site, however neither of these records hold any geological data and only contain descriptions of historic well installations.

3.3.2 Environment Agency

The Environment Agency's interactive maps on their "What's in Your Back Yard" web site were consulted to confirm information obtained within the Landmark Environmental Database search. In summary the following can be confirmed;

- The site is not within a groundwater source protection zone.
- The site is not within a drinking water protected area.
- The bedrock geology underlying the majority of the site is designated as a principle aquifer. The extreme ends of the proposed route are underlain by a Secondary A (in the north) and Secondary B aquifer (in the south).
- The superficial deposits overlying the bedrock are designated as Secondary (undifferentiated) aquifers.
- There are no recorded pollution incidents present at the site.
- There are no recorded historic or authorised landfills present beneath the site.
- The site is not within a flood risk area.

3.3.3 Coal Authority

The Coal Authority interactive web site and Coal Mining and Brine Subsidence Claims gazetteer was consulted and the site does not fall within a Coal Mining Reporting Area.

The geology beneath the site also confirms that the site will not be subject to coal mining. Therefore, no specific request for information was made to the Coal Authority.

4 HISTORY OF SITE AND SURROUNDING AREA

4.1 Former and current site and surrounding area uses

The following former and current land uses of the site are taken from the Ordnance Survey Maps presented in Appendix F. Reference to historical maps provides invaluable information regarding the land use history of the site, but historical evidence may be incomplete for the period pre-dating the first edition and between successive maps, particular during the war time periods. Table 2 indicates the inferred history of the site whilst

Table 3 indicates the inferred history of the surrounding area.

Table 2: History of site

Date	Former & Current Site Use
1883-1884	The site is almost entirely covered by fields with the following exceptions. A road or track enters the north east corner of the site, from a road (now the A508. The road / track travels west and exists the site. The London and Northwestern Railway crosses the north of the site, travelling north to south, through Roade Cutting, and is located in its present day position. Blisworth Road crosses the centre of the site, orientated north-west to south-east, in its present day position.
1900-01	The Stratford on Avon, Towcester & Midland branch railway line is now shown to be present crossing the extreme south of the site, orientated east to west.
1949 Aerial Photography	No significant change.
1952-70	No significant change.
1982	The road / track in the north of the site is no longer marked. The branch railway line in the south of the site is now marked as 'Dismantled Railway'.
1990-93	No significant change.
1999	The point at which the railway line crosses the north of the site is now labelled with an Aqueduct.
1999 Aerial Photography	No significant change.

Date	Former & Current Site Use
2006-16	No significant change.

Table 3: History of surrounding area

Date	Former & Current Surrounding Land Use
1883	The site is generally surrounded by fields. Roads extend along the sites eastern boundary, and the railway line that transects the centre of the site continues north-west to south-east. The town of Roade is located approximately 500m east of the centre of the site. A gravel pit is located 200m north-east of the sites northern corner. A limekiln and area of excavation are located 200m south of the southern tip of the site. Additional limekilns and excavations are located 250m east of the south-east corner of the site. A station associated with the railway line that transects the site is located 500m east of the south-east of site. A quarry is located 400m north-east of the sites northern corner. Excavations are marked 400m south-west of the site. Multiple airshafts are recorded 450m west of the site aligned roughly north to south associated with the Blisworth Tunnel.
1900	A railway line extends east to west across the southern part of the site. 200m south of the southern tip of the site, the lime kiln is no longer shown and the excavation is marked as a gravel pit. Additionally, the limekilns located 250m east of the south east of site are no longer marked. A quarry is marked 400m east of the south-east corner of the site. The excavations marked 400m south-west of the site are now shown as a gravel pit and an old gravel pit.
1952	The town of Roade has been extended to within 250m of the central site boundary.
1958-68	No significant change.
1982	The railway that transects east-west across the southern part of the site is marked as disused. The gravel pit 200m north-east and the quarry 400m north-east of the site are no longer shown. The old pits marked 400m west of the site are now marked as disused. The quarry marked 450m east of the site is no longer shown. A collection of industrial buildings labelled works are located 250m east of the site.
1993	The town of Roade has extended to within 50m of the central site boundary.
1999-2016	No significant change.

5 DESK STUDY INFORMATION

The British geological Survey (BGS) plans and maps obtained have been reviewed to determine the anticipated geology beneath the site.

It is envisaged that the local geology beneath the site will be in line with the summary below detailed within Table 4 and are shown on Figures 3 & 4.

Table 4: Geology of site

Geology	Comment
Surfacing and Buried Structures: (source: Envirocheck History Maps, Site Observation)	Hard standing was identified along tracks and roads that cross the route, however the vast majority of the site is open fields anticipated to be underlain by topsoil's from surface to nominal thicknesses.
Made Ground / Topsoil: (source: BGS Maps, Available Borehole Logs, Envirocheck Geology & History Maps, memoirs)	The entire Site is anticipated to be underlain by a cultivated plough layer or topsoil and turf resulting in a sub soil or growing medium. Given its extensive use for arable crops and livestock grazing it is anticipated that this layer could extend between 0.2 and 0.6m depth and is anticipated to be derived from the underlying Glacial Till so would be anticipated to be sandy gravelly clay in nature. There is the potential for made ground to be present below and adjacent to any roads or railways that cross the route of the proposed bypass. The thickness of highway constructions are anticipated to be no greater than 0.45m in depth and likely to comprise bound macadam surfacing over granular sub base and perhaps granular hardcore capping.
Drift Deposits: (source: BGS Maps, Available Borehole Logs, Envirocheck Geology & History Maps, memoirs)	The majority of the site appears to be underlain by a mantle of **Oadby Member** (Diamicton Till / Glacial Till) which is anticipated to be primarily over consolidated sandy gravelly clay. It may also contain sandy gravel strings, lenses and pockets which may bare perched or confined groundwater. Limited deposits of **Glaciofluvial Deposits** are anticipated to be present at the southern end of the route and are likely to take the form of sands and gravels.
Bedrock (source: BGS Maps, Available Borehole Logs, Envirocheck Geology & History Maps, memoirs)	The entirety of the Site is indicated to be underlain by the **Blisworth Limestone Member** likely to be weathered beneath the overlying superficial deposits to firm to stiff grey and brown clays tending to off-white or yellowish limestone with thin marl and mudstone bands. Calcareous shell and fossil fragments are common throughout these deposits. Beneath which the Blisworth Clay Formation is likely to be encountered. In the extreme south of the site the **Rutland Formation** is present, and is likely to be weathered to grey clays and silts. Below this strata it is likely that the Stamford Member which is anticipated to comprise sandstone, and interbedded siltstone will be present overlying the Northampton Sand Formation all above the Whitby Mudstone Formation.
Mining (source: Coal Authority web viewer, BGS Maps, Available Borehole Logs, Envirocheck records, Geology & History Maps)	None Identified.
Faults (source: BGS Maps,	None Identified.

Geology	Comment
Available Borehole Logs, Envirocheck Geology Maps, memoirs)	
Opencast Quarrying (source: Coal Authority web viewer, BGS Maps, Envirocheck History Maps)	Some sand and gravel quarries noted within 200m of the site, although none expected on site.
Mineral Protection (source: Local Authority Plan)	None Identified.
Soil Chemistry (source: Envirocheck / BGS)	Available soil chemistry data suggests that the natural soils anticipated to be present at shallow depths across the site are unlikely to contain any significantly elevated concentrations of contaminants that would be considered to represent a risk to Human Health for a commercial development.

It is envisaged that the local hydrogeology beneath the site will be in line with the summary detailed within Table 5.

Table 5: Hydrogeology

Hydrogeology	Comment
Aquifer Classification: (source: Envirocheck & EA Web)	The hydrogeology of the site is primarily characterised by the presence of a **Principal Aquifer** (the **Blisworth Limestone Member**), defined as having high intergranular or fracture permeability, and high storage, which may support water supply and/or river base flow on a strategic scale. The **Oadby Member Glacial Till**, which are anticipated to underlay the majority of the site, located above the Blisworth Limestone Member is classified as a **Secondary (Undifferentiated) Aquifer**. Secondary Undifferentiated Aquifers could not be classified as either Secondary A or B, and in most cases were previously classified as both minor and non-aquifers in different locations due to their variable characteristics.
Aquifer Vulnerability: (source: Envirocheck & EA Web)	The site predominantly consists of unproductive strata. The site is generally considered to have a High Vulnerability to contamination. The Envirocheck report notes that soils of high leaching potential can possibly transmit a wide range of pollutants. However, this designation appears to refer to the Blisworth Limestone and the low permeability of the overlying Oadby Member deposits would be anticipated to prevent downward percolation and migration of mobile contaminants and therefore be protective of the aquifer.
Groundwater Abstractions: (source: Envirocheck & EA Web)	There are three water abstractions within 1km of the site. The nearest is 547m north-west of the site for agricultural use at Thorpewood Farm, the next is located 663m south-east of the site for general farming and domestic use at Stoke Gap Farm, and the final is 732m south is also for farming and domestic use at Stoke Bruerne. Given the geological model there is the possibility of connectivity between the aquifer beneath the site and these wells.
Groundwater Source Protection	In terms of aquifer protection, the EA generally adopts a three-fold classification of source protection zones (SPZ) for public supply abstraction wells.

Hydrogeology	Comment
Zones: (source: Envirocheck & EA Web)	Zone 1 or '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 '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 'total catchment' is the area around the source within which all groundwater recharge is presumed to be discharged at the source. Information available on the EA website and Envirocheck report indicates that the site **does not lie** within a currently designated groundwater abstraction SPZ.

Given the nature of the site and the surrounding area, it is envisaged that the local hydrology will be in line with the summary below detailed within Table 6.

Table 6: Hydrology

Hydrology	Comment
Surface Waters: (source: Envirocheck, EA-web)	An unnamed tertiary river / drain crosses the centre of the site, flowing south-east, and is classed as a secondary river when it crosses the site for a second time in the south-east corner, this time, flowing south.
Land Drainage (source: Envirocheck, Historical plans, site observations)	The unnamed river / drain noted above is the only mapped feature on the site, however, several shallow ditches are located along field boundaries across the site.
Floodplain: (source: Envirocheck, Historical plans, EA-web)	The indicative floodplain map for the area, published by the EA, shows the site is not located in a flood plain
Flooding: (source: Envirocheck, Historical plans, EA-web)	The Envirocheck report has indicated that there is the potential for surface water flooding associated with several drainage ditches that cross the site, including the mapped feature noted above. The EA indicates that the site is unlikely to be flooded by a river. Further consideration on the potential for flooding in relation to the development will be presented within a specific Flood Risk Assessment for the site.
River Quality: (source: Envirocheck, EA-web)	There are no river quality records available in the vicinity of the site

Hydrology	Comment
Surface Water Abstractions: (source: Envirocheck, EA-web)	According to the supplied Envirocheck report, no surface water abstractions are located within 2km of the site.
Discharge Consents: (source: Envirocheck, EA-web)	There are seven discharge consents identified within a 500m radius of the site. The nearest is located 339m south of the site for agriculture/livestock farming, discharging to land/soakaway. The remaining six discharge consents relate to sewage discharges – final/treated effluent (not water company), to land/watercourse, located between 359m and 381m south-east of the site.

Information from within the desk-based research endeavoured to investigate any natural ground hazards located on the site, a summary is provided below within Table 7.

Table 7: Natural ground hazards of site

Ground Hazards	Comment
Subsidence: (source: Envirocheck, Geology Maps, available GI data and Site Observation)	**Potential for Landslide Ground Stability Hazards**: on site very low to low.
Instability: (source: Envirocheck, Geology Maps, available GI data and Site Observation)	**Potential for Collapsible Ground Stability Hazards**: very low. **Potential for Compressible Ground Stability Hazards**: no hazard. **Potential Ground Dissolution Stability Hazards**: low. **Potential for Running Sand Ground Stability Hazards**: very low. **Potential for Shrinking or Swelling Clay Ground Stability Hazards**: moderate.
Radon Gas: (source: Envirocheck, BRE, Public Health England HPA-RPD-033 d)	The environmental database report (Envirocheck report, dated 7th August 2014 and 1th July 2016) indicates that the majority of the site is located within an non to intermediate probability radon area, as between 1% and 3% of homes are above the Action Level as defined by the Documents of the National Radiological Protection Board (Radon Atlas of England and Wales, NRPB-W26-2002). Limited areas of the site however are within an area in which between 3% and 5% of new homes are above the action criteria level, and would therefore require basic radon protection measures. However, considering that the proposed development is a new road, radon gas is not considered to present a risk, despite its potential presence.

The desk-based research endeavoured to obtain records on the details of any pollution incidents, landfill sites and industrial uses of the site and other environmental related records, a summary is provided below within Table 8.

Table 8: Environmental information: pollution, landfill and industrial land use

Environmental Information	Comment
Landfill Sites: (source: Envirocheck, EA-web, Historical Plans)	There are two recorded licensed waste management facilities within 500m of the site, both located immediately east of the southern end of the proposed bypass, on the opposite side of the A508 Stratford Road. Both are noted to accept household, commercial and industrial waste. Additionally, a local authority recorded landfill site is associated with the same position, noted to have closed in 1983, the site accepted inert, restricted and industrial effluent treatment sludge. Two more entries for registered landfill sites, again associated with the same location, one dated 1979 (status superseded) and the other 1996 (status operation as far as is known). The most recent records accepted waste as industrial effluent treatment sludge, max waste permitted by license, and sub/topsoil, clay and sand. With prohibited waste noted as N.O.S. Max input is noted as 'small' (between 10,000 and 25,000 tonnes per year.
Fuel Stations: (source: Envirocheck, Site Observations)	There are no fuel stations on or within 250m of the site, with the nearest being 348m north-east of the site.
Potentially Polluting Industry (source: Envirocheck, EA-web, Historical Plans)	There are six active contemporary trade directory entries within 250m of the site. The two nearest, for waste disposal services (25m south-east) and garage services (53m south-east), appear to be wrongly registered as the locations relate to a housing estate. Two entries, for car body repairs and a car dealership relate to the same location 86m south-east of the site, a road haulage company is locate 153m north of the site and another car body repairs company is located 207m south-west of the site.
Pollution Incidents (source: Envirocheck, EA-web)	There are no recorded pollution incidents within 500m of the site. The nearest being 974m south of the site, for a significant (category 2) incident to the grand union canal in 1992, with no further details noted. Given that this relates to the canal (lined) it is unlikely that this could have affected the site.
Sensitive Land Use (Envirocheck)	A single site of special scientific interest (SSSI) has been identified on site, named Roade Cutting, and is designated a Geological Conservation Review site. The cutting is associated with the existing railway line that cuts through the centre of the site, orientated north-west to south-east. No other national or internationally designated sensitive land uses were identified in the vicinity of the site.
Unexploded Bombs (Zetica UXB Risk Maps)	Based upon the Zetica UXB Risk Map for Northamptonshire the risk for this site is **low**.
Invasive Plant Species	Japanese knotweed is a non-native, highly invasive species and spreads via rhizomes (underground 'stems') rather than seeds in the UK. It is found in a range of habitats across the UK including roadsides, riverbanks and derelict land. **Japanese knotweed was not identified to be present during the site walkover.** However it should be noted that an ecological assessment of the site was outside the scope of this assessment and the authors are not ecologists, and that not all of the site was accessible at the time of the walkover.

9 PRELIMINARY CONTAMINATED LAND RISK ASSESSMENT

The Preliminary Contaminated Land Risk Assessment presented in Appendix D is based on the anticipated ground conditions of the site outlined upon Figures 3 and 4. The main identified risks are discussed below in more detail however reference should be made to the risk matrix included within Appendix D to understand all of the risks assessed.

9.1 Potential sources of contamination

Likely ground contamination resulting from the current and former land uses has been determined from the desk study research and reference to; the Environment Agency Publication CLR 8 'Potential Contaminants for the Assessment of Land' and the relevant Department of the Environment Industry Profiles.

Based upon the aforementioned desk-study information, there do not appear to be any primary significant contaminative sources, materials or processes at or on the site. The only potential source of significance within the surrounding area is the landfill/waste management facility, located adjacent to the site, south-east of its southern extent. Visual evidence gathered during the site walkover suggests that no other significant contamination is present.

Table 9 details the following areas that have been identified to be potential risks which may need further investigation with respect to ground related contamination source potential within the site area.

Table 9: Identified risks of potential contamination sources

	Contaminants of concern	Notes
On-site		
Farming related activities across the site	Potential for pesticides and herbicides used on site as part of general farm activities, also the potential for minor hydrocarbon spillages/leaks from plant breakdowns.	None.
Off-site		
Landfill to the south east of the site	Ground gas movement onto the site.	Groundwater flow is likely to be towards the south east and as such contaminants are unlikely to migrate towards the site.

9.3 Potential contamination pathways

In accordance with the Environment Agency Publication CLR 10 'The Contaminated Land Exposure Assessment Model' the potential pathways by which the on-site contaminants may affect the health of the existing and future potential human receptors at the site are:

- Inhalation of vapour
- Inhalation of fugitive dust
- Ingestion and absorption by direct contact; including hand to mouth contact and absorption through the skin.

In addition, potential pathways by which the on-site contaminants may affect the existing and future potential receptors at the site are:

- Migration by surface run-off; including in suspension or solution.
- Transportation via the land drains in to the sewerage system or to outlets into the environment (drainage ditches and streams).
- Migration in solution via groundwater; including leaching in the unsaturated zone and diffusion in the saturated zone. (Limited pathway only plausible where granular glaciofluvials are present close to surface)
- Plant uptake; through root systems.

9.4 Potential existing receptors

With the exception of the general use of herbicides and pesticides, the site does not exhibit any clear signs of past or present contamination sources. Given the fact that the majority of the site is open farmland and rough scrub there are few receptors with a high likelihood of exposure. Receptors may include:

- Groundwater within the Bedrock (Principal Aquifer) and the Glacial Deposits (secondary aquifer) across the site.
- Surface water drainage to streams
- Local flora and fauna & crops
- Current land users (Farmers)
- Adjacent land users and property
- Ecological receptors
- Roade Cutting Geological SSSI

9.5 Potential future receptors

Site re-development will involve the construction of a bypass likely to involve earthworks which will potentially generate fugitive dust and may bring site workers into contact with contaminated soils if any are present. Although visual evidence from the walkover and available information suggests that contamination is not likely to be present.

Although the duration of exposure to any on-site contaminants is likely to be limited, the degree of exposure may be significant.

Potential future receptors are:

- Site construction workers.
- New infrastructure, buried pipes and services.
- New structural foundations (Bridge).
- Future landscaping and planting.
- Roade Cutting (SSSI).

Please note that risks to construction workers are considered to be managed through health and safety procedures including CDM regulations.

9.6 Data gaps and uncertainties

Some uncertainty is present along a few small sections of the proposed route which were not completely visible from public rights of way and highways at the time of the walkover. As such, not all of the site has been physically viewed at the time of the undertaking of this report.

Ground Investigation is required to confirm the ground model and potential for contamination in shallow soils and the groundwater to inform detailed design, however based upon the available information and the site history and geology it is considered that risks are generally likely to be low to negligible.

9.7 Preliminary contaminated land risk assessment

An estimate of the risk associated with each linkage is summarised in the Preliminary Contamination Risk Assessment risk matrix included within Appendix D. The risk classification has been undertaken in accordance with CIRIA C552 (Rudland et al., 2001), a summary of which is included in Appendix C.

The initial findings of the assessment are as follows:

There is not expected to be any significant risk of contamination across the majority of the site, as the historical data suggests that this area has always primarily been agricultural land and remains so to this day.

There is a potential risk of contamination associated with general farming activities across the site. This may include the potential for minor fuel spillages or leaks and for the storage and use of persistent and harmful pesticides and herbicide chemicals particularly pre 2000.

A landfill/licensed waste management facility is located south-east, adjacent to the southern extent of the site, separated by the road, may present a potential risk for ground gases to migrate onto site, although it is unlikely any mobile contaminants could migrate towards the site as the general groundwater flow is thought to be towards the south east, away from the site.

Therefore based on evidence collated from the historical plans, environmental databases, searches and site walkover, with the exception of the above, it is considered highly unlikely that the site has any other significant sources of contamination present.

Generally across the site the relative risks resulting from potential pathways linkages at the site can be considered as low to negligible.

9.7.1 Risk to human health during construction

Considering that no significant Made Ground or contamination has been observed, is shown to have been present upon historical plans, within environmental data and that the scheme will be built using clean site won materials or / and suitable imported material the risks to human health during construction are generally considered to be ***Low***.

9.7.2 Risk to human health post construction

Given the nature of the proposed scheme is for a bypass road for the town of Roade, human exposure to soils and groundwater will be extremely low as the site will be entirely covered in hardstanding and the scheme will be built using clean site won materials or / and suitable imported material . The risk post development is considered to be ***Low***.

9.7.3 Risk to local ecology and landscape planting

Given that the flora are thriving within the site and that limited potential for contamination has been observed and that the scheme will be built using clean site won materials or/and clean approved imported material the risk to the local ecology from exposure to soils and groundwater will be ***Low***.

9.7.4 Risk to surface water

Given that no significant Made Ground or contamination has been observed and that the scheme will be built using clean site sourced or and clean approved imported material, the risk to surface water from exposure to soils and groundwater is considered to be ***Low***.

9.7.5 Risk to groundwater

Given that no significant Made Ground or contamination has been observed and the site is to be immediately underlain by low permeability clays of the Oadby Member and that the scheme will be built using clean site sourced or and clean approved imported material, the risk to groundwater from exposure to soils and groundwater is considered to be ***Low***.

9.7.6 Risk due to ground gas

The Envirocheck data suggests that a landfill is located immediately south-east of the site. However, no confined spaces are associated with the proposed end use, with the exception of excavations during construction. Therefore it is considered that the risk of exposure to ground gases during construction or operational phases of the proposed development are ***Low***.

However, it is recommended that a precautionary approach should be taken where entry into below ground excavations and confined spaces should always be atmosphere tested before and during entry.

9.7.7 Risk to buried structures and services

The evidence available at the time of this report suggests that no Made Ground or contamination is likely to be present. However information to date suggests that naturally occurring elevated sulphates in the form of sulphate crystals (gypsum) may be present within cohesive soils present beneath the site and as such there is considered to be a ***Moderate/Low*** risk of exposure to aggressive substances that are likely to affect concrete mix design and soil stabilisation techniques.

9.7.8 Risk to Roade Cutting (Geological SSSI)

Based on the nature of the receptor, typical contaminated land risks are not applicable to the Roade Cutting and as such No risk is associated with the Roade Cutting, relating to contaminated land.

9.8 Requirement for further assessment

Given the limited available data it is recommended that a site specific ground investigation is undertaken, to confirm the ground model, strata distribution and chemical properties to allow risks to be confirmed or revised.

In particular it is recommended that groundwater monitoring should be undertaken to confirm the preliminary findings. Groundwater samples should be obtained where feasible and tested to confirm the existing baseline groundwater quality beneath the site if a shallow groundwater table is present.

Ground investigations should apply vigilance and ensure that any Made Ground or visually or odorous potentially contaminated soils encountered are sampled and tested.

It is also recommended that logging of exploratory holes should look to confirm the presence of naturally occurring sulphate crystals (gypsum) to confirm characteristics of the soils present with regard to concrete in aggressive ground.

Some site wide sampling and testing of shallow soils for herbicides and pesticides should also be undertaken to confirm that no high levels of persistent and toxic chemicals are present within the soils across the site.

10 ASSESSMENT OF GEOTECHNICAL RISKS

10.1 Preliminary geohazard and geotechnical assessment

Using all of the available information and taking into account the expected ground model for the site outlined upon Figures 3 to 6 the Preliminary Geotechnical Risk Register presented in Appendix E has been prepared and highlights several potential risks associated with the site. The main identified risks are discussed below in more detail however reference should be made to the risk matrix to understand all of the risks assessed.

10.1.1 Mining and natural cavities

The site is not within an area affected by coal mining or brine extraction.

The geology is not conducive to the formation of large natural cavities.

10.1.2 Man made voids or obstructions

No significant man made voids or obstructions, such as tanks, buildings or historic foundations have been noted along the route of the proposed bypass, however, a railway cutting and Blisworth Road are noted to cross the route of the proposed bypass although voids are unlikely to be associated with these features they will need to be crossed or bridged. Particular care with crossing the railway cutting will be required with bridge foundations being designed to avoid loading the cutting faces and / or causing instability.

10.1.3 Earthworks

Cut to fill earthworks are anticipated to be required to be undertaken to achieve the proposed redevelopment vertical and horizontal alignments.

In order to reduce the risk of excessive cost for offsite disposal and on site importation it is assumed that;

- site won materials will be utilised
- and that a cut to fill volume balance will be achieved.

Ground investigation will be required to inform this design and to specifically investigate the classification of materials to be cut. This will confirm strata classification and suitability for reuse within fill areas. It is anticipated that the majority of cut materials will be cohesive in nature (Oadby Till) and therefore moisture content sensitive. Many UK cohesive soils tend to be wet of the optimum for compaction and therefore there is considered to be a moderate risk that these soils may need soil modification or

stabilisation to render them suitable for reuse within structural fill beneath buildings and hardstanding.

When considering lime modification or stabilisation account must be taken of the risks of creating heave through the chemical reaction with naturally occurring sulphates within the clays soils present, therefore prior testing will be required to confirm if this risk is present so that it may be mitigated in the mix design.

10.1.4 Existing cut slopes

The railway that crossed the site is situated within the Roade Cutting, a geological SSSI, which is indicated to be immediately adjacent to the site area. Considering the protected nature of the Roade Cutting, it is anticipated that this would need to be bridged, rather than modified, if the road were to pass over it.

10.1.5 Existing embankment slopes

There are no existing embankment slopes on the site.

10.1.6 Proposed cut slope design

Ground investigation will be necessary to confirm the ground model at the site, concentrating particularly on areas of cut and fill earthworks and bridge foundations.

No details of any cuttings are known at the time of writing. However, it is not anticipated that any significant cuttings will need to be created. The ground conditions present do not suggest any abnormal insurmountable risks would result from creating cuttings into the strata anticipated to be present, provided sufficient investigation and slope stability modelling is undertaken to address the risk and to determine a safe angle for cutting slopes to maintain stability.

10.1.7 Proposed embankment design

Ground investigation will be necessary to confirm the ground model at the site, concentrating particularly on areas of cut and fill earthworks and bridge foundations.

No details of any embankments are known at the time of writing. However, it is not anticipated that any significant embankments will need to be created. The ground conditions present do not suggest any abnormal insurmountable risks would result from creating embankments provided sufficient investigation and slope stability modelling is undertaken to address the risk and to determine a safe angle for embankment slopes to maintain stability.

If embankments are to be constructed it is assumed that clean site won materials will be suitable for reuse within the embankment construction to avoid excessive costs for importation of materials to form the embankment. The design of the embankment will need to take account of the classification of the materials being utilised for its construction. Options for increasing side slopes and reducing footprint and volume may be explored and these may include reinforced embankments (geogrids) or soil stabilisation (lime and cement) or even retaining walls if required.

The risk of failure of embankments is increased where fine grained soils are used to construct them particularly if insufficient compaction and drainage is designed and the works proceed too quickly. Therefore it is recommended that staged construction is undertaken and that granular basal layers is installed and linked to the wider drainage network to avoid the build-up of pore water pressures in fine soils as works progress. This will aid and speed up consolidation and increase stability. Alternatively or additionally the use of soil stabilisation or reinforced earth might be considered.

Embankment slopes must be designed appropriately with regard to the stability of the soils being used to construct the embankment and take account of the strength of the underlying foundation soils.

Drainage will need to be carefully designed to cope with surface water and to avoid runneling and softening of the slope faces and softening in the foundation soils, in particular at the toe of the slopes.

Ground investigation is recommended to confirm the underlying ground conditions beneath the footprints of the proposed embankments so that embankment foundation assessments with respect to settlement and slope stability may be made. Investigation is required to be undertaken in areas of cut material to assess the classification and suitability of cut materials for reuse to allow the embankment designs to be refined.

10.1.8 Cut to fill transition zones

It is anticipated that there will be multiple areas of shallow cut to fill rather than any specific transition line through the length of the bypass, as the proposed road is anticipated to broadly follow the existing contours of the site.

This change from cut to filled areas can cause differential settlement to carriageways. In particular there is considered to be a potential risk of heave occurring within the strata in the areas where deep cut will be undertaken, whilst settlement may be a risk in the earthworks fill if engineering compaction of the fill materials is not undertaken correctly in accordance with a robust specification, however provided a robust earthworks specification is adopted then these risks are anticipated to be low to negligible.

10.1.9 Earthworks – Materials Reuse

In this case it is expected that embankments will be constructed from site-won arisings from the cutting works.

It is anticipated that the majority of soils excavated from the site will be cohesive soil associated with the Glacial Till. Whilst cohesive soils and mudstones mixed with weathered siltstones and sandstones are likely to breakdown under excavation and compaction to form more cohesive soils in line with Class 2 materials. It is expected that granular fractions of the Glaciofluvial Deposits potentially present within localised areas could be suitable for reuse within embankment fill as a Class 1 general fill.

There is considered to be a low to moderate risk that the underlying mudstone and perhaps the overlying cohesive till (derived in part from the underlying strata) will include high sulphates. As such careful consideration should be given to the design and

specification of earthworks given to the potential for sulphate induced heave especially where the materials noted above are used within a cut and fill program where soils would be significantly disturbed allowing a greater oxidation potential. Soil stabilisation techniques will also require careful consideration for the same reasons. Such materials would however be suitable for reuse within landscape features where the potential for heave does not present a risk.

According to the CL:AIRE guidance "The Definition of Waste: Development Industry Code of Practice" (version 2, March 2011), any material that may be otherwise considered by the Environment Agency as waste (such as made ground), if dealt with in accordance with the Code of Practice under a Materials Management Plan (MMP) will not be considered as waste if used for the purposes of land development. Any Clean and Naturally occurring material may be reused on the site of origin without the need to be included within an MMP.

Ground investigation is recommended to confirm the ground conditions, strata properties and soil chemistry

10.1.10 Aggressive soil chemistry

The soils beneath the site are anticipated to include naturally occurring sulphates (gypsum) and as such in ground concrete mix will need to be designed to accommodate the risks represented by contact with such sulphate containing soils.

In addition consideration will need to be given to the potential for sulphate induced heave especially where the materials noted above are used within a cut and fill program where soils would be significantly disturbed allowing a greater oxidation potential, this can be a particular problem where lime stabilisation is utilised to improve soil strengths

Ground investigation is recommended to confirm the soil chemistry.

10.1.11 Highway construction

As the site requires cut to fill earthworks to achieve the required development levels, it is anticipated that engineering earthworks design specification will be provided to cover these elements and is likely to include a performance specification for the formation levels beneath the highways in both cut and filled embankment areas. Embankment earthworks designs will need to be checked for foundation bearing, settlement and slope stability to ensure that the embankments will not suffer detrimental settlement or failure once constructed. Similarly any new cuttings and existing cuttings (Roade Cutting) will also need to be assessed for long term stability.

Ground investigation is recommended to confirm the underlying ground conditions.

10.1.12 Groundwater levels

The prevailing groundwater table is not confirmed. However it is anticipated that the underlying geology of Oadby Member is an unproductive strata although they may contain confined or perched water bearing granular layers, while the underlying Blisworth Limestone Member is anticipated to be a productive, water bearing strata.

Assuming that a high perched groundwater table is present, cutting slopes could require drainage systems to be designed and installed to intersect water bearing confined strata intersected by the cutting slopes and to filter it away longitudinally and horizontally to avoid softening and degradation of more susceptible softer strata beneath. Alternative face or cut off drains behind the cut face might also be considered as alternatives depending upon the detailed value engineering design goals. The scheme design should also attempt to avoid cutting below major water tables to avoid dewatering and drainage problems.

Ground Investigation is required to confirm the ground model and strata properties and to allow monitoring of the groundwater tables.

10.1.13 Drainage

It is anticipated that the majority of the shallow strata will not be conducive to infiltration drainage techniques being anticipated to be primarily cohesive in nature (Oadby Till).

Ground Investigation is required to confirm the ground model and strata properties.

10.2 Requirement for assessment

Given the limited available data it is recommended that a site specific investigation is undertaken, to confirm the ground model, strata distribution and geotechnical properties to allow risks to be confirmed or revised and designs to be developed.

The significant geotechnical issues associated with the site re-development that require further assessment during the recommended ground investigation include:

- Site wide confirmation of Ground Model to assist with earthworks, cutting, embankment and foundation design.
- Strata soil classification to determine suitability for reuse within earthworks.
- Depth/level of perched water and deep groundwater including confined groundwater tables within deep strata.
- Obtain information on the classifying individual soil strata in terms of Aggressive Chemical Environment for Concrete Class (ACEC Class).
- Shallow soil infiltration potential at locations of potential storm water attenuation.

11 BASIS FOR DESIGN OF GROUND INVESTIGATION

A review of the currently available data and the contaminated land and geotechnical risk assessments presented above indicates the following issues that require further investigation:

11.1 General concept

The general concept of the design of the proposed ground investigation is to confirm the ground model.

Techniques should aim to examine both near surface and deep strata and obtain sufficient samples for soil classification, preliminary earthworks testing, strength testing, soil chemistry and contamination assessments. It is important to stress that deep boreholes are recommended to be undertaken in areas of deep cutting and should extend below the proposed depth of cutting and existing cuttings (Roade Cutting) to aid slope stability and foundation designs (Roade Cutting bridge).

Boreholes should be instrumented to allow short and if necessary longer term monitoring of both soil gas and most importantly groundwater levels across the site.

It is also recommended that a number of infiltration tests should be undertaken in areas of the site likely to be utilised for storm water attenuation ponds to confirm the properties of the underlying strata.

In effect it is anticipated that a general spread of investigation should be undertaken across all accessible areas of the site to confirm the general ground model with some deeper boreholes targeted at specific areas where the Roade Cutting will be bridged and where cuttings are proposed.

Given the current site conditions and the anticipated geology it is recommended that the following ground investigation techniques are used:

- Trial Pits
- Cable Percussion Boreholes
- Comacchio 205 combined Window Sampler/Rotary Coring Boreholes

It is recommended that a detailed Ground Investigation specification should be developed which takes account of existing site conditions, constraints, services and utilities and the proposed development. The specification should aim to identify the target depth for investigation techniques at individual locations and the primary purposes for each exploratory hole.

11.2 Restrictions and constraints to ground investigation

The issues in Table 10 below have been identified from the preliminary information provided to date they should be highlighted to the ground investigation contractor prior to site works.

Table 10: Restrictions and constraints to ground investigation

Restriction/Constraint	Yes	No	?	Comment
Ecology				
Great Crested Newts			✓	The potential presence of Great Crested Newts, badgers, bat roosts and lizards have been identified by others on nearby sites however, RSK have not undertaken any form of ecological survey, nor have the results of any existing surveys been supplied prior to the writing of this report. However, RSK Investigations would be undertaken within arable farmed fields and as such are unlikely to impact upon ecological species. Ecologist's advice and confirmation to be sought before proceeding with field works. No Japanese Knotweed has been observed at the site.
Badgers			✓	
Bats			✓	
Lizards			✓	
Japanese Knotweed		✓		
Tree Preservation Orders			✓	
Nesting Birds		✓		Works undertaken within worked farmed arable fields.
Archaeology				
Buried features			✓	None known, however, archaeological advice and confirmation to be sought before proceeding with field works, watching brief may be required.
Listed Buildings		✓		No known listed buildings present at the site requiring investigation.
Physical Limitations & Access				
Restricted Areas	✓			The railway and associated Roade Cutting were inaccessible at the time of the walkover and are likely to remain so throughout the investigation. It is noted however that development is likely to be proposed to bridge this area and as such ground investigation is not likely to be required.
Rough Ground	✓			Majority of area is arable land in various states of crop, crop down harvest and replanting. It is anticipated that investigations may be restricted by farming operations in some areas, particularly where crop remains.
Soft Ground	✓			Ploughed fields will be difficult to access across for plant and machinery.
Steep Slopes		✓		No steep slopes present that would inhibit the GI other than close to drainage ditches. Unless work is proposed on the Roade Cutting or the old former railway cutting.
Narrow/Restricted Access	✓			Access tracks and field margins used for access

Restriction/Constraint	Yes	No	?	Comment
				around the site are narrow and locked gated access tracks are present.
Buried features		✓		Possible buried features have not been identified at the site.
Active Site	✓			The entire site is actively farmed, the railway is live and the Blisworth Roade is a well used highway.
Buildings / Hard-standing		✓		GI into hard standing roads is not deemed to be necessary at this stage.
Residential Area		✓		None.
Traffic Management	✓			May be required where accessing site areas off of the A508 a major trunk road, This may only be advisory warning signs of site entrance.
Crops	✓			Fields located at either end of the proposed route are noted to be arable, whereas the fields either side of Blisworth Road in the centre of the proposed route are notes to have been used for livestock (sheep and cattle). Liaison with tenant/farmers necessary.
Livestock	✓			
Health and Safety				
Buried Contamination		✓		No clearly identified sources of contamination know to be present.
Buried & Overhead Services	✓			Overhead electricity pylons and wires present across the site and local services are likely to be present along roads and rail lines, however, no detailed service plans had been made available at the time of writing this report. Overhead line protection maybe required to traverse beneath O/H lines.
Notes:? = Unknown				

12 CONCLUSIONS AND RECOMMENDATIONS

12.1 Conclusions and recommendations

The site is primarily considered to be Greenfield in nature and there is little evidence to suggest there are any significant potential sources of contamination likely to be present that would detrimentally impact upon the proposed scheme design.

The geology of the site will impact upon the geotechnical elements of the detailed design; however these conditions are not anticipated to represent significant risks and would be anticipated to be resolved by normal engineering design and construction methods. There are also no identified particular natural geohazards that would significantly impact the scheme. It is however considered important to establish the groundwater regime present beneath the site, particularly within the area of proposed cuttings or embankments so that designs can be refined to include appropriate drainage solutions where necessary.

Therefore it is recommended that a site wide ground investigation is undertaken at the earliest opportunity to inform detailed design.

BIBLIOGRAPHY

Boyle, R. A. and Witherington, P. J. (2007), 'Guidance on Evaluation of Development Proposals on Sites where Methane and Carbon Dioxide are Present', National House-Building Council and RSK Group.

British Geological Survey (2001), Sheet Number 202, Solid & Drift Edition, scale 1:50 000.

British Geological Survey (2002), Engineering Geology of British Rocks and Soils – Mudstones of the Mercia Mudstone Group.

British Standards Institution (1990), 'BS 1377:1990 Methods of test for soils for civil engineering purposes.

British Standards Institution (1999), 'BS 5930:1999 (+A2:2010). Code of practice for site investigations'.

British Standards Institution (2004), 'BS EN 1997 -1:2004 Eurocode 7: Geotechnical Design – Part 1: General Rules.

British Standards Institution (2007), 'BS EN 1997 -2:2007 Eurocode 7: Geotechnical Design – Part 2: ground Investigation & testing.

British Standards Institution (2009), 'BS 6031:2009. Code of practice for Earthworks.

British Standards Institution (2011), 'BS 10175:2011. Investigation of potentially contaminated sites: Code of practice'.

Building Research Establishment (2005), *BRE Special Digest 1: Concrete in aggressive ground* (London: BRE).

Building Research Establishment (2007) *BRE Digest 365. Soakaway design* (London: BRE).

Chartered Institute for Environmental Health and Land Quality Management (2009), 'The LQM/CIEH Generic Assessment Criteria for Human Health', second edition.

Chartered Institute of Environmental Health (CIEH) and CL:AIRE (2008), *Guidance on Comparing Soil Contamination Data with a Critical Concentration* (London: CIEH).

CL:AIRE (2009), *Soil Generic Assessment Criteria for Human Health Risk Assessment* (London: CL:AIRE).

CL:AIRE (2011), *CL:AIRE Code of Practice. The Definition of Waste: Development Industry Code of Practice, Version 2* (London: CL:AIRE).

Dangerous Substances Directive (76/464.EEC).

Department for Environment, Food and Rural Affairs (2010), *The River Basin Districts Typology, Standards and Groundwater Threshold Values (Water Framework Directive) (England and Wales) Directions 2010* (London: HMSO).

Environment Agency (2004a), *Model Procedures for the Management of Contaminated Land. Contaminated Land Report Number 11 (CLR11),* September (Bristol: Environment Agency).

Environment Agency (2004b), 'Policy Number 199_04, dated 9 March 2004, Part IIA – Detailed Quantitative Assessment of Chronic Risks to Human Health from Contaminated Soils'.

Environment Agency (2006a), 'Remedial Targets Methodology: Hydrogeological Risk Assessment for Land Contamination'.

Environment Agency (2006b), 'The Knotweed Code of Practice – managing Japanese Knotweed on development sites'.

Environment Agency (2008), *Science Report SC050021/SR7. Compilation of Data for Priority Organic Pollutants for Derivation of Soil Guideline Values* (Bristol: Environment Agency).

Environment Agency (2009a), Contaminated Land Exposure Assessment (CLEA) software, version 1.06.

Environment Agency (2009b), *Human health toxicological assessment of contaminants in soil. Science Report – Final SC050021/SR2*, January (Bristol: Environment Agency).

Environment Agency (2009c), 'Science Report SC050021 March 2009, May 2009 and September 2009.

Environment Agency (2009d), *Science Report – SC050021/SR3. Updated technical background to the CLEA model* (Bristol: Environment Agency).

Environment Agency (2010a), 'GPLC1 – Guiding Principles of Land Contamination', 'GPLC2 – Frequency Asked Questions, Technical Information, Detailed Advice and References', and 'GPLC3 – Reporting Checklists', all March.

Environment Agency (2011) Chemical Standards Database.

Environment Agency (no date) Freshwater environmental quality standards.

Environment Agency www.environment-agency.gov.uk/.

Hartless, R. (1991), 'BRE Report 212: Construction of new buildings on gas-contaminated land', Building Research Establishment.

Highways Agency; Design Manual For Roads and Bridges; Volume 4 Geotechnical And Drainage Section 1 Earthworks Part 2 HD22/08 Managing Geotechnical Risk (August 2008).

Highways Agency; Design Manual For Roads and Bridges

Highways Agency; Manual of Contract Documents For Highway Works, Specification For Highway Works 2008.

Landmark Information Group (2013), 'Envirocheck report reference 49432360_1_1', dated 24 September 2013.

Norbury, D. (2010), *Soil and Rock Description in Engineering Practice* (Caithness: Whittles).

Office of the Deputy Prime Minister (2004), *Planning Policy Statement 23: Planning and Pollution Control* (London: The Stationery Office).

Part IIA of the Environmental Protection Act (Contaminated Land Regulations (England) 2002 (London: HMSO).

Rudland, D. J., Lancefield, R. M. and Mayell, P. N. (2001), *CIRIA C552. Contaminated Land Risk Assessment: A Guide to Good Practice* (London: CIRIA).

Stone, K., Murray, A., Cooke, S., Foran, J., Gooderham, L., (2009) CIRIA C681, Unexploded Ordnance (UXO). A guide or the construction industry.

The Surface Waters (Abstraction for Drinking Water) (Classification) Regulations 1996 (London: HMSO).

The Surface Waters (Dangerous Substances) (Classification) Regulations 1998 (London: HMSO).

The Water Supply (Water Quality) Regulations 1989, 2000 and 2001 (London: HMSO).

Transport and Road Research Laboratory (1970), 'TRRL Road Note 29 (Appendix 1). Road pavement design'.

Transport and Road Research Laboratory (1984), 'TRRL Report LR1132 (Table C1)'.

UK Water Industry Research (2010) *UKWIR Report 10/WM/03/21. Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites* (London: UKWIR).

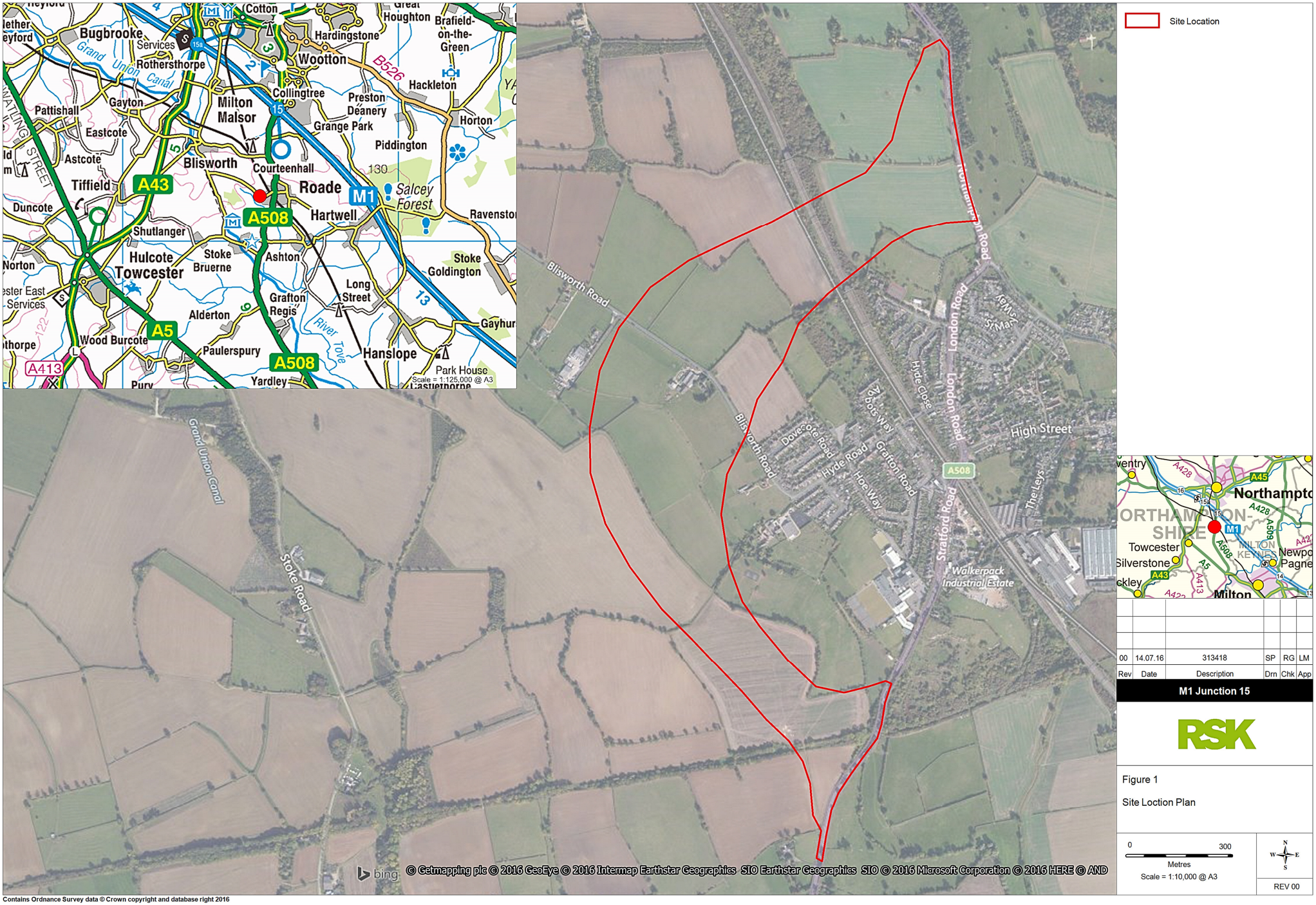
Water Framework Directive (2000/60/EC).

Wilson, S., Oliver, S., Mallet, H., Hutchings, H. and Card, G. (2007), *CIRIA Report C665: Assessing risks posed by hazardous ground gases to buildings* (London: CIRIA).

World Health Organization (2004), *Guidelines for drinking-water quality*, 3rd edn (Geneva: WHO).

WRc plc (2002), 'Polycyclic Aromatic Hydrocarbons (PAH): Priorities for Environmental Quality Standard Development, R&D Technical Report P45'.

FIGURES



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M1 Junction 15

RSK

Figure 1

Site Loction Plan

0 300

Metres

Scale = 1:10,000 @ A3

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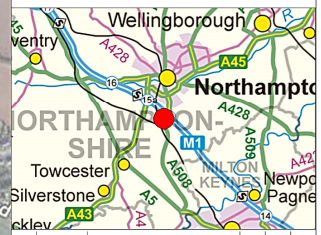
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Site boundary

Indicative proposed route

Indicative proposed route



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Figure 2

Proposed Development Plan

0 300

metres

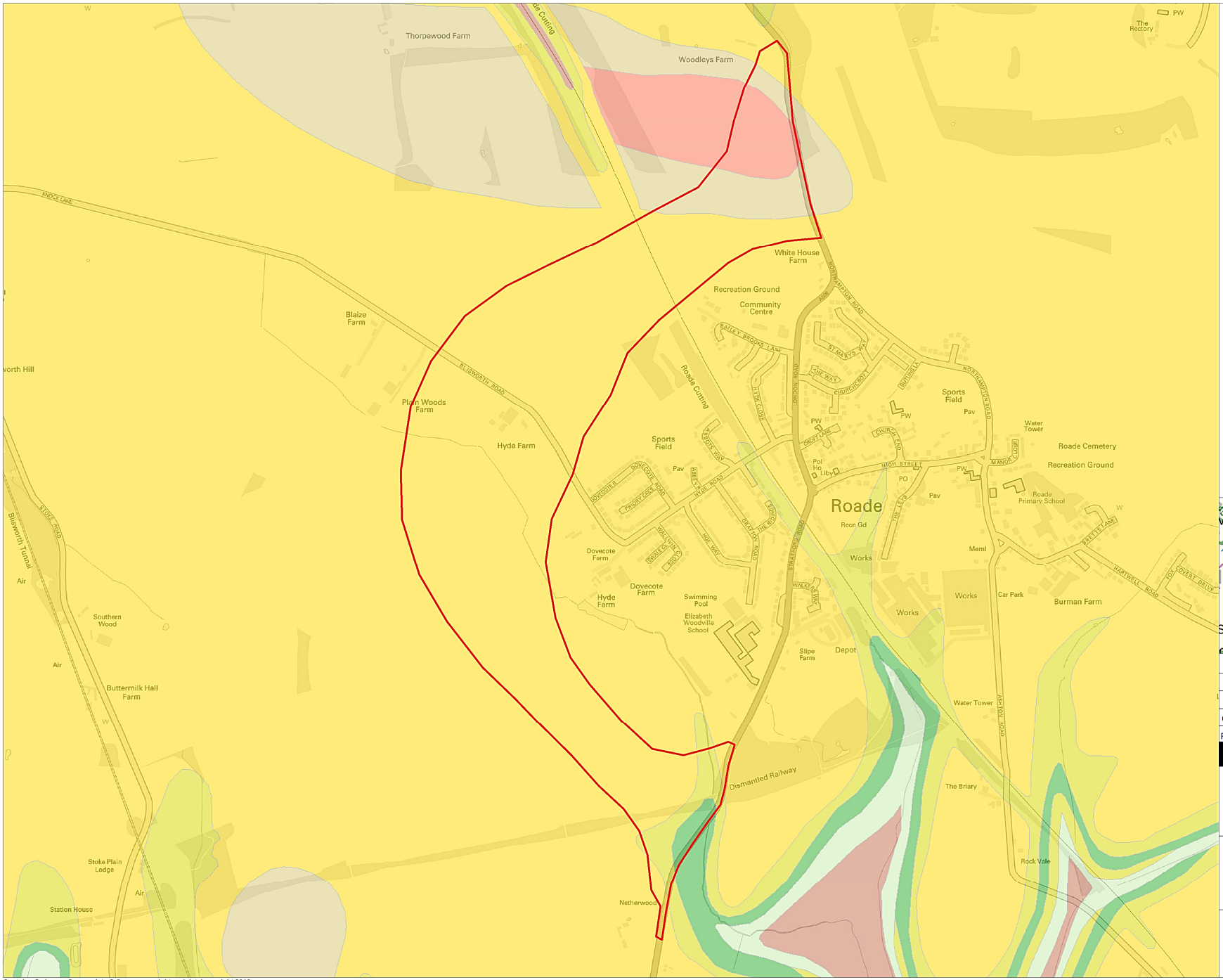
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Figure 3

Solid Geology Plan

0 300

metres

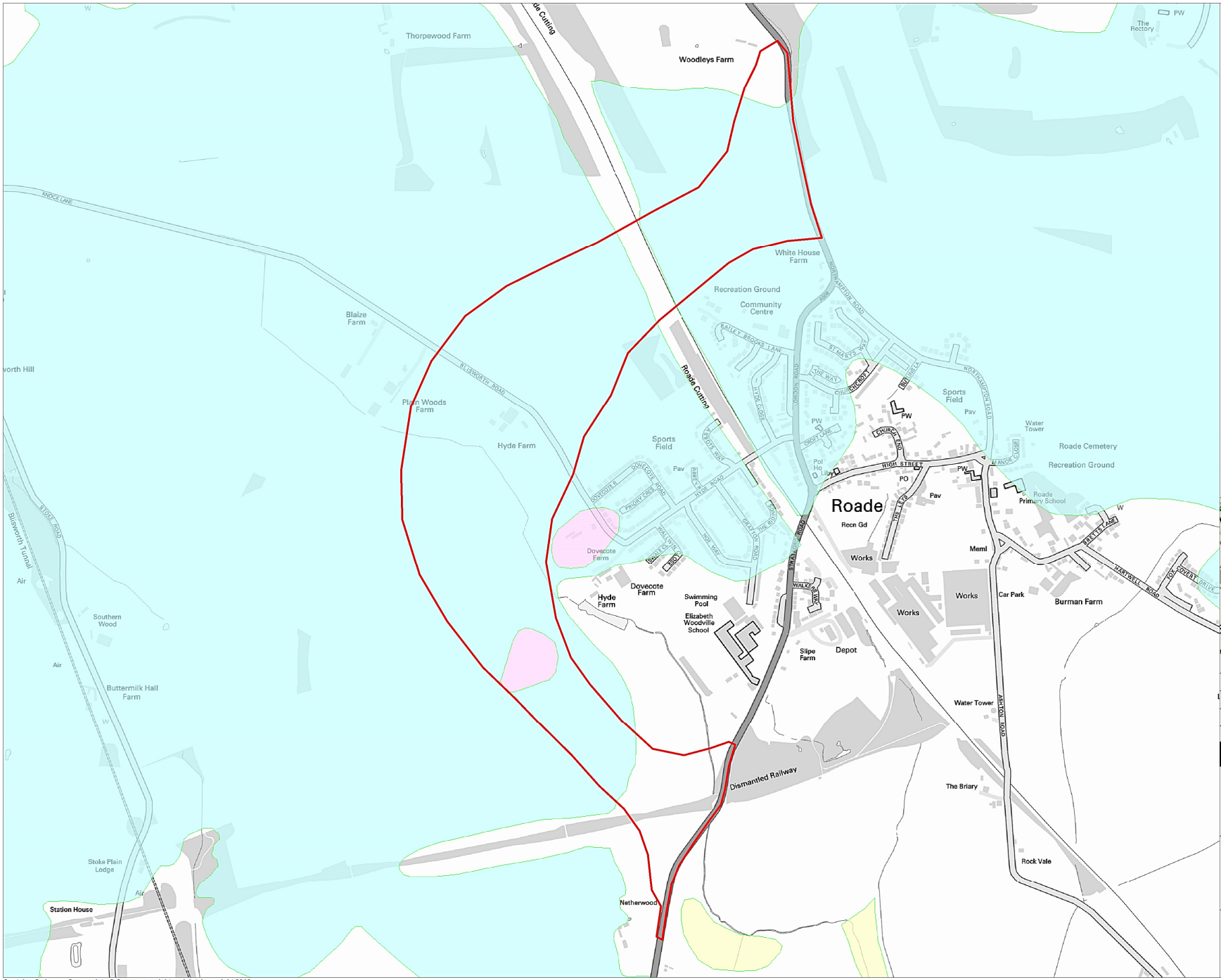
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APPENDIX A
SERVICE CONSTRAINTS

1. This report and the site investigation carried out in connection with the report (together the "Services") were compiled and carried out by RSK Environment Limited (RSK) for Roxhill Developments Limited (the "client") in accordance with the terms of a contract between RSK and the "client", dated July 2014. The Services were performed by RSK with the skill and care ordinarily exercised by a reasonable environmental consultant at the time the Services were performed. Further, and in particular, the Services were performed by RSK taking into account the limits of the scope of works required by the client, the time scale involved and the resources, including financial and manpower resources, agreed between RSK and the client.

2. Other than that expressly contained in paragraph 1 above, RSK provides no other representation or warranty whether express or implied, in relation to the Services.

3. Unless otherwise agreed the Services were performed by RSK exclusively for the purposes of the client. RSK is not aware of any interest of or reliance by any party other than the client in or on the Services. Unless expressly provided in writing, RSK does not authorise, consent or condone any party other than the client relying upon the Services. Should this report or any part of this report, or otherwise details of the Services or any part of the Services be made known to any such party, and such party relies thereon that party does so wholly at its own and sole risk and RSK disclaims any liability to such parties. **Any such party would be** well advised to seek independent advice from a competent environmental consultant and/or lawyer.

4. It is RSK's understanding that this report is to be used for the purpose described in the introduction to the report. That purpose was a significant factor in determining the scope and level of the Services. Should the purpose for which the report is used, or the proposed use of the site change, this report may no longer be valid and any further use of or reliance upon the report in those circumstances by the client without RSK 's review and advice shall be at the client's sole and own risk. Should RSK be requested to review the report after the date hereof, RSK shall be entitled to additional payment at the then existing rates or such other terms as agreed between RSK and the client.

5. The passage of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. The information and conclusions contained in this report should not be relied upon in the future without the written advice of RSK. In the absence of such written advice of RSK, reliance on the report in the future shall be at the client's own and sole risk. Should RSK be requested to review the report in the future, RSK shall be entitled to additional payment at the then existing rate or such other terms as may be agreed between RSK and the client.

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

7. The Services are based upon RSK's observations of existing physical conditions at the Site gained from a walk-over survey of the site together with RSK's interpretation of information including documentation, obtained from third parties and from the client on the history and usage of the site. The Services are also based on information and/or analysis provided by independent testing and information services or laboratories upon which RSK was reasonably entitled to rely. The Services clearly are limited by the accuracy of the information, including documentation, reviewed by RSK and the observations possible at the time of the walk-over survey. Further RSK was not authorised and did not attempt to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services. RSK is not liable for any inaccurate information or conclusions, the discovery of which inaccuracies required the doing of any act including the gathering of any information which was not reasonably available to RSK and including the doing of any independent investigation of the information provided to RSK save as otherwise provided in the terms of the contract between the client and RSK.

8. The phase II or intrusive environmental site investigation aspects of the Services is a limited sampling of the site at pre-determined borehole and soil vapour locations based on the operational configuration of the site. The conclusions given in this report are based on information gathered at the specific test locations and can only be extrapolated to an undefined limited area around those locations. The extent of the limited area depends on the soil and groundwater conditions, together with the position of any current structures and underground facilities and natural and other activities on site. In addition chemical analysis was carried out for a limited number of parameters [as stipulated in the contract between the client and RSK] [based on an understanding of the available operational and historical information,] and it should not be inferred that other chemical species are not present.

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

APPENDIX B
SUMMARY OF LEGISLATION AND POLICY RELATING TO CONTAMINATED LAND

Part IIA of the Environmental Protection Act 1990 (EPA) and its associated Contaminated Land Regulations 2000 (SI 2000/227), which came into force in England on 1 April 2000, formed the basis for the current regulatory framework and the statutory regime for the identification and remediation of contaminated land. Part IIA of the EPA 1990 defines contaminated land as 'any land which appears to the Local Authority in whose area it is situated to be in such a condition by reason of substances in, on or under the land, that significant harm is being caused, or that there is significant possibility of significant harm being caused, or that pollution of controlled waters is being or is likely to be caused'. Controlled waters are considered to include all groundwater, inland waters and estuaries.

In August 2006, the Contaminated Land (England) Regulations 2006 (SI 2006/1380) were implemented, which extended the statutory regime to include Part IIA of the EPA as originally introduced on 1 April 2000, together with changes intended chiefly to address land that is contaminated by virtue of radioactivity. These have been replaced subsequently by the Contaminated Land (England) (Amendment) Regulations 2012, which now exclude land that is contaminated by virtue of radioactivity.

The intention of Part IIA of the EPA is to deal with contaminated land issues that are considered to cause significant harm on land that is not undergoing development (see Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance, April 2012). This document replaces Annex III of Defra Circular 01/2006, published in September 2006 (the remainder of this document is now obsolete).

Water Framework Directive (WFD)

The Water Framework Directive 2000/60/EC is designed to:

- enhance the status and prevent further deterioration of aquatic ecosystems and associated wetlands that depend on the aquatic ecosystems
- promote the sustainable use of water
- reduce pollution of water, especially by 'priority' and 'priority hazardous' substances
- ensure progressive reduction of groundwater pollution.

The WFD requires a management plan for each river basin be developed every six years.

Groundwater Directive (GWD)

The 1980 Groundwater Directive 80/68/EEC and the 2006 Groundwater Daughter Directive 2006/118/EC of the WFD are the main European legislation in place to protect groundwater. The 1980 Directive is due to be repealed in December 2013. The European legislation has been transposed into national legislation by regulations and directions to the Environment Agency.

Environmental Permitting Regulations (EPR)

The Environmental Permitting (England and Wales) Regulations 2010 provide a single regulatory framework that streamlines and integrates waste management licensing, pollution prevention and control, water discharge consenting, groundwater authorisations, and radioactive substances regulation. Schedule 22, paragraph 6 of EPR 2010 states: 'the regulator must, in exercising its relevant functions, take all necessary measures - (a) to prevent the input of any hazardous substance to groundwater; and (b) to limit the input of non-hazardous pollutants to groundwater so as to ensure that such inputs do not cause pollution of groundwater.'

Water Resources Act (WRA)

The Water Resources Act 1991 (Amendment) (England and Wales) Regulations 2009 updated the Water Resources Act 1991, which introduced the offence of causing or knowingly permitting pollution of controlled waters. The Act provides the Environment Agency with powers to implement remediation necessary to protect controlled waters and recover all reasonable costs of doing so.

Priority Substances Directive (PSD)

The Priority Substances Directive 2008/105/EC is a 'Daughter' Directive of the WFD, which sets out a priority list of substances posing a threat to or via the aquatic environment. The PSD establishes environmental quality standards for priority substances, which have been set at concentrations that are safe for the aquatic environment and for human health. In addition, there is a further aim of reducing (or eliminating) pollution of surface water (rivers, lakes, estuaries and coastal waters) by pollutants on the list. The WFD requires that countries establish a list of dangerous substances that are being discharged and EQS for them. In England and Wales, this list is provided in the River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive) (England and Wales) Directions 2010. In order to achieve the objectives of the WFD, classification schemes are used to describe where the water environment is of good quality and where it may require improvement.

Planning Policy

Contaminated land is often dealt with through planning because of land redevelopment. This approach was documented in Planning Policy Statement: Planning and Pollution Control PPS23, which states that it remains the responsibility of the landowner and developer to identify land

affected by contamination and carry out sufficient remediation to render the land suitable for use. PPS23 was withdrawn early in 2012 and has been replaced by much reduced guidance within the National Planning Policy Framework (NPPF).

The new framework has only limited guidance on contaminated land, as follows:

- *"planning policies and decisions should also ensure that:*
    - *the site is suitable for its new use taking account of ground conditions and land instability, including from natural hazards or former activities such as mining, pollution arising from previous uses and any proposals for mitigation including land remediation or impacts on the natural environment arising from that remediation;*
    - *after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part IIA of the Environmental Protection Act 1990; and*
    - *adequate site investigation information, prepared by a competent person, is presented".*

APPENDIX C
RISK ASSESSMENT METHODOLOGY

CLR11 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. Under CLR11, three stages of risk assessment exist: preliminary, generic quantitative and detailed quantitative. 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) pollutant 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.

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 table below.

		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

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 D
PRELIMINARY CONTAMINATED LAND RISK ASSESSMENT MATRIX

Contaminated Land Risk Assessment

In accordance with Environment Agency publication CLR 11 '*Model Procedures for the Management of Land Contamination*', a preliminary contaminated land risk assessment has been developed for the Site.

The risk assessment has been carried out using the risk model defined and outlined in the following table.

Potential sources have been identified from the desk study information and the guidance provided in EA publication CLR 8 '*Potential Contaminants for the Assessment of Land*'.

Hazard linkages will be determined by the proposed investigation and the risk re-assessed on the basis of the viability of the linkage.

If the hazard linkage is confirmed then remediation or management solutions will be proposed to ensure that no unacceptable risk remains following development.

	Category	Definition
Potential Severity	***Severe***	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters
	Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species, significant damage to buildings or structures
	Mild	Pollution of non sensitive waters, minor damage to buildings or structures
	Minor	Requirement for protective equipment during site works to mitigate health effects, damage to non sensitive ecosystems or species
Probability of Risk	***High Likelihood***	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
	Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
	Low Likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
	Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

		Potential severity			
		Severe	***Medium***	***Mild***	***Minor***
Probability of Risk	***High Likelihood***	Very High	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/Low	Low
	Low Likelihood	Moderate	Moderate/Low	Low	Negligible
	Unlikely	Moderate/Low	Low	Negligible	Negligible

Contaminated Land Risk Assessment (Conceptual Site Model)

Source (type and location)	Pathway	Receptor	Initial Assessment from Desk Study Information			Proposed Investigation /Comments	Hazard Linkage	Revised Risk	Proposed Remediation / Management	Residual Risk
			Severity	Prob.	Risk					
Petroleum hydrocarbon compounds (petrol, diesel & oil) and associated volatile organic compounds within shallow soil / groundwater **(associated with minor spills and releases within agricultural fields and on and adjacent to active and former railway land**	Inhalation of vapour	Site workers	Medium	Unlikely	**Low**	Only potential source identified relates to the railway land, including the active line in the centre of the site, and the disused land at its southern extent, There is a potential for isolated areas of spills and leaks from agricultural machinery in other areas of the site however this is very unlikely and would be anticipated to be very localised and very minor. Watching brief and testing to be undertaken during site strip and enabling works. **General Ground Investigation to be undertaken** to confirm the ground model. Identified Made Ground, or materials thought to be contaminated by visual or olfactory identification should be tested. Where no Made Ground or visual or olfactory signs of contamination are identified a general screening of shallow near surface site soils should be undertaken. Groundwater monitoring wells to be installed and where feasible groundwater samples to be taken and testing to confirm background groundwater quality.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
		End users	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Ingestion and absorption via direct contact	Site workers	Medium	Unlikely	**Low**		TBC	TBC		TBC
		End users	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Migration by surface run-off	Surface water drainage	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Migration by liquid flow	Surface water drainage	Medium	Unlikely	**Low**		TBC	TBC		TBC
		Aquifer	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Plant uptake	Local flora	Mild	Unlikely	**Negligible**		TBC	TBC		TBC
Toxic & phytotoxic heavy metals and semi metals within shallow soil / groundwater associated with natural soils and fertilisers and soil improvers (possible use of sewerage sludge's)	Inhalation of fugitive dust	Site workers	Medium	Unlikely	**Low**	Only potential source of heavy metals identified relates to the railway land, including the active line in the centre of the site, and the disused land at its southern extent, no other sources of heavy metals identified across the site although past use of soil improvers and/or sewerage sludge's to fertilise the land could have resulted in some metals. Natural soil concentrations may also be present. Slightly elevated arsenic maybe encountered within natural soils but is anticipated to be below acceptable commercial end use values. Watching brief and testing to be undertaken during site strip and enabling works. **General Ground Investigation to be undertaken** to confirm the ground model. Identified Made Ground, or materials thought to be contaminated by visual or olfactory identification should be tested. Where no Made Ground or visual or olfactory signs of contamination are identified a general screening of shallow near surface site soils should be undertaken. Groundwater monitoring wells to be installed and where feasible groundwater samples to be taken and testing to confirm background groundwater quality.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
		End users	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Ingestion and absorption via direct contact	Site workers	Medium	Unlikely	**Low**		TBC	TBC		TBC
		End users	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Migration by surface run-off	Surface water drainage	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Migration in solution via groundwater	Surface water drainage	Medium	Unlikely	**Low**		TBC	TBC		TBC
		Aquifer	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Plant uptake	Local flora	Mild	Unlikely	**Negligible**		TBC	TBC		TBC
Fly Tipped Material	Ingestion and absorption via direct contact	Site workers	Medium	Unlikely	**Low**	Site walkover suggests there is no evidence of fly tipped material at the site.	TBC	TBC		TBC
		End users	Medium	Unlikely	**Low**					

Source (type and location)	Pathway	Receptor	Initial Assessment from Desk Study Information			Proposed Investigation	Hazard Linkage	Revised Risk	Proposed Remediation / Management	Residual Risk
			Severity	Prob.	Risk					
Asbestos within Soil	Inhalation of fugitive dust	Site workers	Medium	Low Likelihood	**Moderate to Low**	Possibility of asbestos in roofing/cladding of current or past farm buildings would need to be investigated and care when demolition is undertaken. Watching brief and testing to be undertaken during demolition and enabling works.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
		End users	Medium	Low Likelihood	**Moderate to Low**		TBC	TBC		TBC
Ground Gas from Made Ground and natural strata	Migration in to excavations	Site workers	Severe	Unlikely	**Moderate to Low**	Site appears to be greenfield with no naturally occurring organic soils likely to be a potential source of soil gas. **General Ground Investigation to be undertaken** to confirm the ground model and nominal gas and groundwater monitoring to be undertaken to confirm these assumptions.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
	Migration in to development, service ducting etc.	End Users	Severe	Unlikely	**Moderate to Low**		TBC	TBC		TBC
Aggressive substances (sulphates, acids, phenols, petroleum) in Shallow soils / groundwater	Direct contact with construction materials	Buried Structures	Medium	Low Likelihood	**Moderate to Low**	Available data suggests the potential presence of naturally occurring high sulphates levels might be present at depth within the deeper Whitby Mudstone. **General Ground Investigation to be undertaken** to confirm the ground model and strata properties.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
		Buried Services	Medium	Low Likelihood	**Moderate to Low**		TBC	TBC		TBC
Herbicides and Pesticides within shallow soil **(associated with the arable fields)**	Inhalation of vapour	Site workers	Medium	Unlikely	**Low**	Site is a modern arable farm. Modern arable farming should only utilise non persistent biodegradable safe pesticides and herbicides for crop production which are licensed and controlled. However, the use of environmentally persistent pesticides and herbicides may have historically been used in arable farming and as such the presence of widespread soil contamination by older uncontrolled and unlicensed persistent and dangerous herbicides and pesticides is considered possible though is unlikely. **General Ground Investigation to be undertaken** to confirm the ground model. General screening of shallow near surface site soils should be undertaken.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
		End users	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Ingestion and absorption via direct contact	Site workers	Medium	Unlikely	**Low**		TBC	TBC		TBC
		End users	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Migration by surface run-off	Surface water drainage	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Migration by liquid flow	Surface water drainage	Medium	Unlikely	**Low**		TBC	TBC		TBC
		Aquifer	Medium	Unlikely	**Low**		TBC	TBC		TBC
	Plant uptake	Local flora	Medium	Unlikely	**Low**		TBC	TBC		TBC
Ground Gas migration from landfill south-east of the site.	Migration in to excavations	Site workers	Severe	Unlikely	**Moderate to Low**	Currently active and historic refuse facilities and landfill located south-east of the site, beyond the A508. **General Ground Investigation to be undertaken** to confirm the ground model and nominal gas and groundwater monitoring to be undertaken to confirm these assumptions.	TBC	TBC	To Be Confirmed Following Ground Investigation	TBC
	Migration in to development	End Users	Severe	Unlikely	**Moderate to Low**		TBC	TBC		TBC

APPENDIX E
PRELIMINARY GEOTECHNICAL RISK REGISTER

Preliminary Geotechnical Risk Register

It is understood that the site is being considered for a new bypass from the A508 (Northampton Road) north of the town of Roade, around its western extents, and rejoining the A508 (Stratford Road), south of Roade, as shown in Figure 1. At this stage, two possible routes are proposed, as indicated on Figure 2
Site levels along the proposed route of the new bypass are undulating, and a cut and fill exercise is likely to be undertaken in order to reduce the level changes along the proposed route.

Geotechnical Risk Register

The Geotechnical Risk Register has been compiled to show the degree of risk attached to various ground related aspects of the proposed development. The purpose of the register is to provide an assessment of the risk to the project posed by common ground related problems, and to identify suitable mitigation measures for the control of risk to an acceptable level. The risk register should be developed and refined as the geotechnical design and assessment progresses such that the register will allow the management of the geotechnical risks.

The inclusion of a risk in the register does not constitute confirmation that the problem actually exists at the site. A probability of 'very unlikely' is indicative of a condition which the available data suggests should not be present. The calculated risk is not the risk that the impact will occur it is the risk that the mitigation will be required to enable the project to progress. For the purposes of this risk register the magnitude of each impact and the resulting severity of risk is measured against that which would could 'normally' be expected for each element. Before incorporation into a project risk register the impacts and risks for each element should be moderated by an assessment of the cost and time implication of individual mitigation measures.

The Geotechnical Risk Register has been developed in general accordance with the guidance presented in ICE/DETR Document 'Managing Geotechnical Risk' (2001) and the HA documents HD41/03 and HD22/02. The degree of risk (R) is determined by combining an assessment of the probability (P) of the hazard occurring with an assessment of the Impact (I) the hazard and associated mitigation will cause if it occurs (R = P x I). The scale against which the probability and impact are measure and the resulting degree of risk determined is presented below.

Probability	(P)
Very Likely (VLk)	5
Likely (Lk)	4
Plausible (P)	3
Unlikely (U)	2
Very Unlikely (VU)	1

x

Impact	(I)
Very High (VH)	5
High (H)	4
Medium (M)	3
Low (Lw)	2
Very Low (VLw)	1

=

(R)	Risk
20 – 25	Severe (Sv)
15 – 19	Substantial (Sb)
10 – 14	Moderate (Md)
5 – 9	Minor (Mn)
1 – 4	None / Negligible (N)

	Site / Ground Conditions	Hazard	Potential Impact	Before Control			Comments and Proposed Mitigation	RR
				P	I	R		
Contaminated Land	Previous site use	Contaminated Ground	Health and safety, environmental damage, pollution requiring Remediation	U 2	H 3	Mn 6	The site appears to be primarily greenfield with the exception of a small areas around various roads, existing railways, and disused railway land, and only negligible amounts of Made Ground are likely in localised areas. **Walkover surveys and investigation will be required in due course on inaccessible areas**. See separate Contaminated Land Risk Assessments for further details.	TBC
Underground Voids	Mine Shafts	Shaft Collapse	Surface deformation, structural damage. Health and Safety	VU 1	H 4	N 4	Site is not within mining area as defined on Coal Authority (CA) gazetteer and web site.	TBC
	Shallow Mining	Workings Collapse crown holes, subsidence	Surface deformation, structural damage.	VU 1	H 4	N 4	Site is not within mining area as defined on Coal Authority (CA) gazetteer and web site.	TBC
	Deep Mining	Workings Consolidation, subsidence	Surface deformation	VU 1	M 3	N 3	Site is not within mining area as defined on Coal Authority (CA) gazetteer and web site.	TBC
	Natural cavities; solution features, Caves and Gulls	Unstable natural ground	Surface deformation, structural damage. Health and Safety	VU 1	M 3	N 3	Geology unlikley to be conducive to the formation of solution features.	TBC
	Other voids; basements, sumps, tanks, wells and adits etc.	Collapse, subsidence	Surface deformation, structural damage. Health and Safety	P 3	Lw 2	Mn 6	The vast majority of the site is undisturbed farm land. The walkover has not indicated any possible voids, man made or otherwise, at the site. **Vigilance required during construction works in order to ensure that any voids encountered are appropriately remediated and backfilled.**	TBC

	Condition	Hazard	Impact	P	I	R	Comment / Mitigation	RR
Slopes and Earthworks	Existing steep slopes on site	Slope failure	Site stability; surface deformation at crest, structural damage to services , highways and adjoining property.	Lk 4	VH 5	Sv 20	The existing railway line crossing the north of the site is located in a steep cutting, which is, in parts, a protected site (the Roade Cutting), and will require bridging as part of the development. **Ground Investigation required to confirm the site ground model and strata properties and slope stability modelling and careful engineering design required.**	TBC
	Gradient on site	Earthworks or retaining walls required to accommodate layout	Increased cost of development	VLk 5	H 4	Sv 20	Cut to fill earthworks will be required to develop the site to form suitable highway vertical alignments. Therefore slopes may be created as part of the finished design. Drainage will be important in the design of these slopes. **Ground Investigation required to confirm the site ground model and strata properties for slope and drainage designs and earthworks specification.**	TBC
	As-dug cut material unsuitable as fill	Unstable earthworks	Surface deformation, structural damage	P 3	H 4	Md 12	It is anticipated that the majority of materials within the cut areas will be suitable for reuse, however these materials are expected to be sensitive to moisture content change and could be wet of optimum allowable ranges to allow structural reuse. Therefore soils may need modification or stabilisation in structural fill areas and will need careful handling throughout the works. **Ground Investigation required to confirm the site ground model and strata properties for reuse.**	TBC
	Embankment Stability	Slope failure	Site stability; surface deformation at crest, structural damage to services , highways and adjoining property.	P 3	VH 5	Sb 15	Embankments will need to be carefully designed and will need to accommodate suitable side slope angles, drainage systems and foundations. **Ground Investigation required to confirm the site ground model and strata properties beneath the embankment footprints to confirm settlement and deep seated failure do not occur. Embankment settlement and slope stability modelling and careful engineering design required.**	TBC
	Cutting Stability	Slope failure	Site stability; surface deformation at crest, structural damage to services , highways and adjoining property.	P 3	VH 5	Sb 15	Slopes will need to be carefully designed and will need to accommodate suitable drainage systems. **Ground Investigation required to confirm the site ground model and strata properties and slope stability modelling and careful engineering design required.**	TBC
	Insufficient suitable fill	Import required to achieve design levels	Increased cost of development	P 3	H 4	Md 12	A careful cut to fill balance should be achieved to avoid the unnecessary importation of fill materials. **Ground Investigation required to confirm the site ground model and strata properties for reuse.**	TBC

	Condition	Hazard	Impact	P	I	R	Comment / Mitigation	RR
Foundations & Substructures	Loose or soft, compressible soils at shallow depth	Ground unsuitable for conventional shallow footings	Excess settlement or alternative foundations	P 3	H 4	Md 12	Anticipated geology is not anticipated to be particularly susceptible to significant risks of settlement. **Ground Investigation is required to confirm the ground model and strata properties**.	TBC
	Adjacent Structures	Works on site affecting stability of adjacent structures	Alternative design or altered development layout.	P 3	H 4	Md 12	No buildings immediately adjacent to the site. However the design of cuttings and embankments will need to be suitably robust and take account of the proximity of the railway cutting, Blisworth Road and the A508 respectively. **Ground Investigation is required to confirm the ground model and confirm the strata properties to assist in suitable design.**	TBC
	Differential Settlement	Settlements / heave beneath proposed road as a result of cut to fill works.	Damage to floors and structures.	P 3	H 4	Md 12	Careful design has to be undertaken to smooth the transition from cut insitu materials to engineered fill materials. **Design will need to take account of specification for earthworks which may need to include soil stabilisation improvement. Any stabilisation needs to take account of the risk of heave from the presence of naturally occurring high sulphate concentrations in the soils.**	TBC
	Aggressive Ground Chemistry	Attack of buried concrete	Protection required	Lk 4	M 3	Md 12	Available information suggests that gypsum a naturally occurring sulphate could be present within several strata at depth beneath the site and this will require more resistant concrete mix designs to be used to protect in ground concrete from attack. **Ground Investigation is required to confirm the ground model and strata properties to assist in concrete mix design.**	TBC

	Condition	Hazard	Impact	P	I	R	Comment / Mitigation	RR
Floor slabs and Road Pavements	Soft and compressible near surface soil	Ground unsuitable for conventional highway foundations	Alternative highway bridge foundation designs	VU 1	M 3	N 3	Anticipated geology is not anticipated to be particularly susceptible to significant risks of settlement and is not anticipated to be particularly soft, loose or of poor bearing capacity. Traditional highway foundation and design construction is anticipated. Design will need to take account of specification for earthworks which may need to include soil stabilisation improvement. Any stabilisation needs to take account of the risk of heave from the presence of naturally occurring high sulphate concentrations in the soils. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	Soft and compressible near surface soil	Low CBR due to soft formation	Surface damage possible exceeding serviceability tolerances requiring increased highway foundation thickness or alternative ground improvement or reinforcement.	U 2	M 3	Mn 6		TBC
	Frost susceptible soils	Frost Heave	Surface damage or alternative design	P 3	M 3	Mn 9	Road pavement construction thickness design should incorporate this risk.	TBC
Drainage & Flooding	High permeability Strata	Ineffective storm water attenuation ponds/water & ecology features	Ponds need lining if required to retain water.	U 2	M 3	Mn 6	Shallow soils across the majority of the site are anticipated to be cohesive and are likely to retain water. Locally particularly in the north of the site granular soils are anticipated to be present and may allow groundwater to percolate away. Designs need to take account of the prevailing ground conditions at the proposed locations and depths. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	Low Permeability Strata	Ineffective soakaways	Alternative drainage required	VLk 5	M 3	Sb 15	Shallow soils are anticipated to be cohesive and are likely to retain water. Locally particularly in the north of the site granular soils are anticipated to be present and may allow groundwater to percolate away. Designs need to take account of the prevailing ground conditions at the proposed locations and depths. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	High groundwater	Effects plateau and cutting levels & foundation designs, in particular cutting depths.	Alternative vertical alignment/plateau levels required affecting cut fill balance feasibility	P 3	H 4	Md 12	The site is generally underlain by low permeability, unproductive strata (Oadby Member), although, shallow perched groundwater may be present within the sand and gravel pockets and any local Glaciofluvial Deposits. Groundwater maybe present at depth within the deeper underlying Blisworth Limestone. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	Embankment earthworks and cutting slopes will require drainage.	Insufficient attenuation soakaways/ponds to accommodate earthworks drainage	Flooding	Lk 4	M 3	Md 12	Drainage designs to accommodate expected drainage from earthworks slopes and cutting drains in addition to highways surface water run off. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	Local watercourse	Flooding	Flood protection required	P 3	H 4	Md 12	The site is located within localised areas potentially at risk of surface and groundwater flooding relating to streams and groundwater. Specialist flood risk assessment and drainage designs are being undertaken by others to mitigate these potential risks.	

	Condition	Hazard	Impact	P	I	R	Comment / Mitigation	RR
Temporary Works & Construction Issues	Loose or unstable strata at shallow depth	Excavation Instability	Collapse or support required. Health and safety	P 3	H 4	Md 12	The majority of strata expected to be present across the site are anticipated to be generally stable in the short term during excavation. The more granular deposits in the very north of the site are unlikely to be stable and instability would be exacerbated by the presence of groundwater. Should man entry be required suitable support or battering back of excavation sides will be required and atmospheres will need to be tested. **Ground Investigation is required to confirm the ground model and temporary stability and groundwater conditions.**	TBC
	Hard Strata / obstructions at shallow depth	Hard Digging	Increase cost and delay	P 3	M 3	Mn 9	Hard strata in the form of limestone and mudstone bedrock may be present at depth within the solid geology and could be encountered as part of the major earthworks depending upon the proposed vertical alignment. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	Presence of UNRECORDED sensitive underground services.	Damage during works posing risk to H&S of personnel and public	Increased cost of delay and for unplanned diversions and protection or repair.	U 2	H 4	Mn 8	Vigilance throughout works. Ensure up to date service drawings are obtained and site is scanned before works commence. Ensure all utilities diverted.	TBC
	Shallow Groundwater	Inundation of Excavations	Increase cost and delay. Health and safety	P 3	M 3	Mn 9	Shallow perched groundwater tables may be possible within the shallow Glacial till in granular pockets and any Glaciofluvial Deposits and could be intersected by earthworks cuttings and foundations. Ground Investigation is required to confirm the prevailing ground water levels.	TBC
	Contaminated Ground	Precautions for Ground workers	Increase cost and delay. Health and safety	U 2	M 3	Mn 6	Vigilance throughout works. Seek advice of Environmental Engineer if any identified unusual odorous or visually contaminated materials encountered. **Ground Investigation is required to confirm the ground model and strata properties.**	TBC
	Contaminated Ground	Increased Disposal Costs	Increase cost and delay. Health and safety	U 2	M 3	Mn 6		

Note: The register only considers geotechnical risk other risks may be present on site, including in-ground risks such as; ecology, archaeology, buried services, UXO etc., which are outside the scope of this assessment.

APPENDIX F
ENVIRONMENTAL DATABASE INFORMATION

Geology 1:10,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Pleistocene
	TILMP	TILL, MID PLEISTOCENE	Diamicton	Ipswichian - Cromerian
	GFDMP	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Ryazanian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone and Mudstone, Interbedded	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
	Fault			

Envirocheck® Geology

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

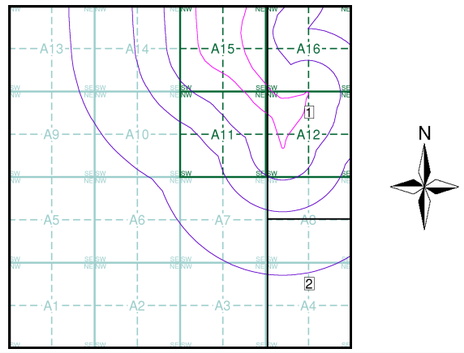
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1	**Map ID:**	2
Map Name:	SP75SE	**Map Name:**	SP74NE
Map Date:	1961	**Map Date:**	1962
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Not Available	**Artificial Geology:**	Not Available
Faults:	Available	**Faults:**	Available
Landslip:	Available	**Landslip:**	Not Available
Rock Segments:	Not Available	**Rock Segments:**	Not Available

Geology 1:10,000 Maps - Slice A



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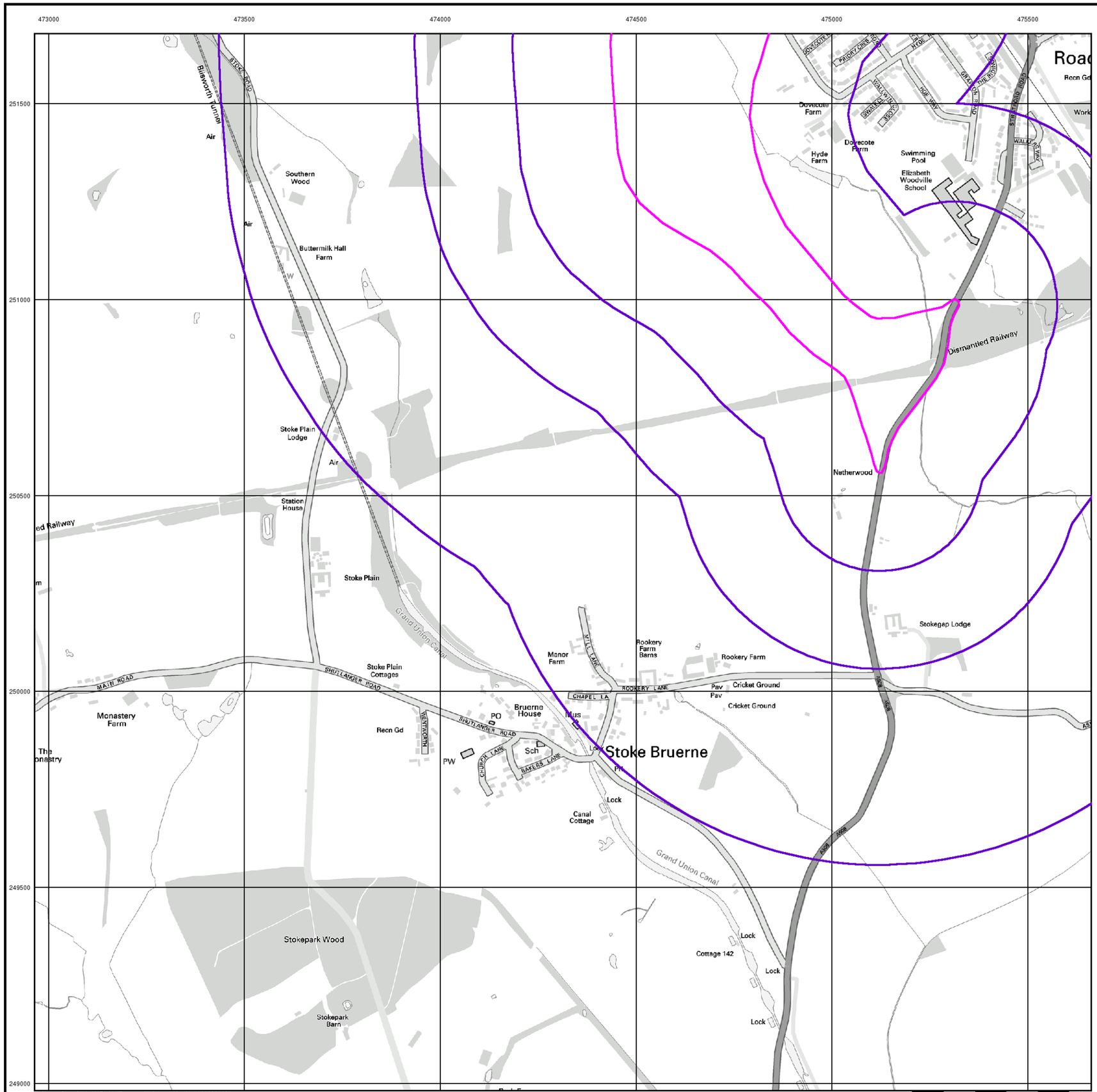
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Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Envirocheck® Geology

Artificial Ground and Landslip

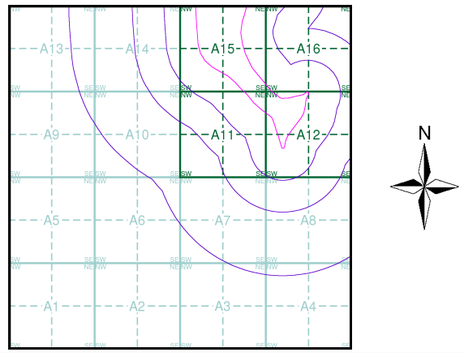
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



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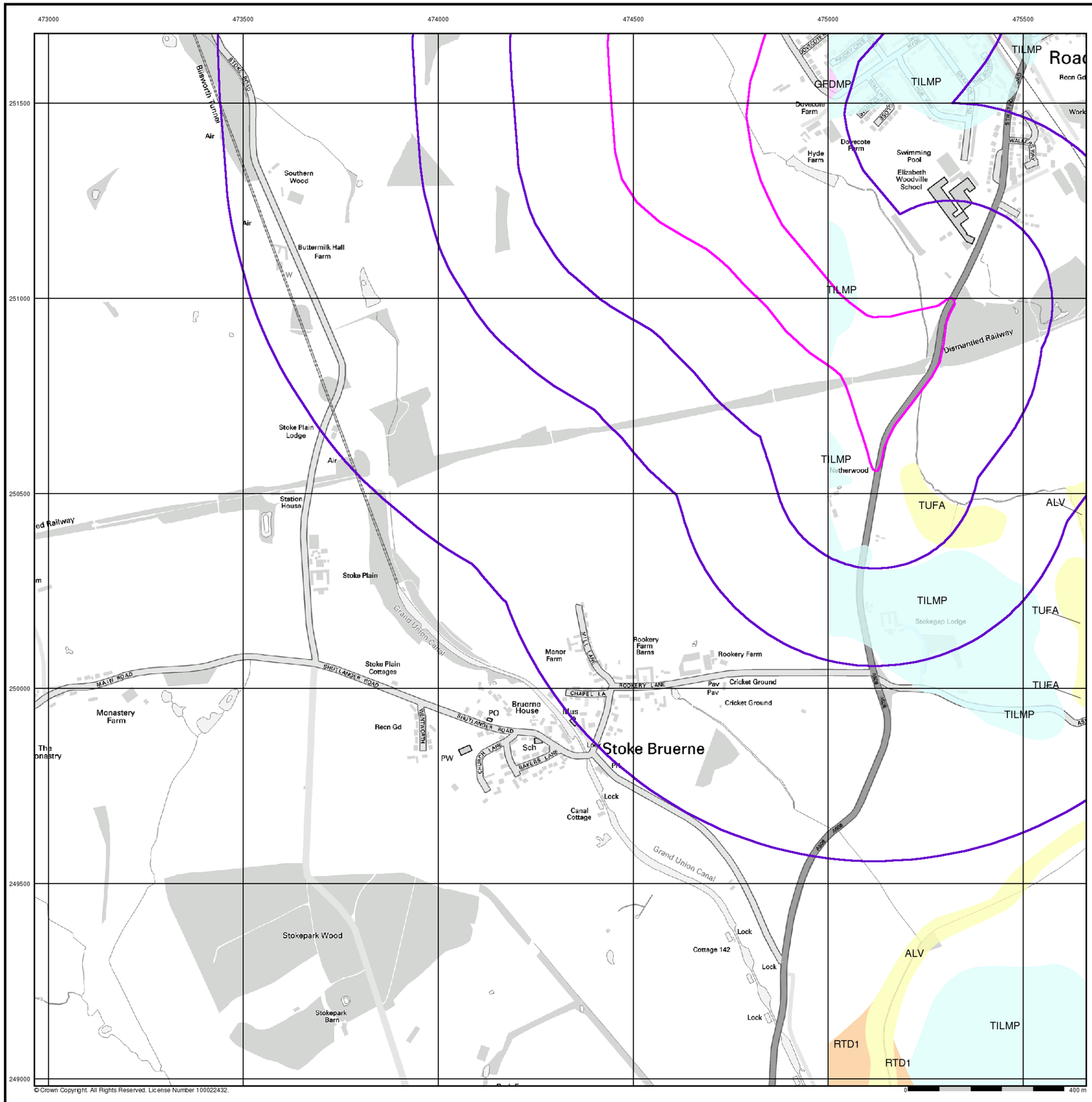
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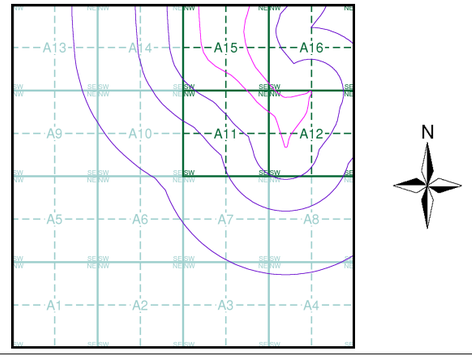
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice A



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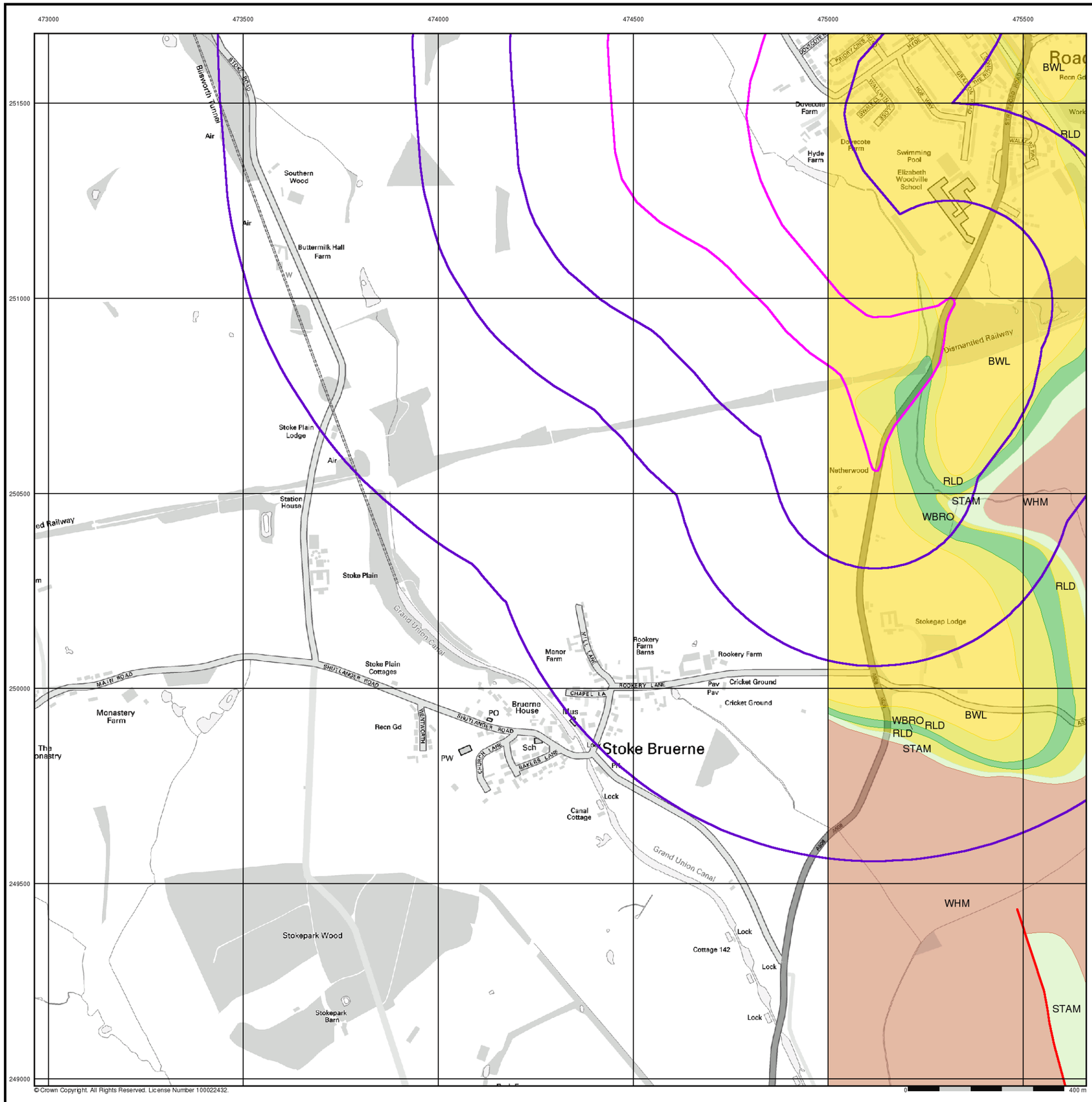
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Envirocheck® Geology

Bedrock and Faults

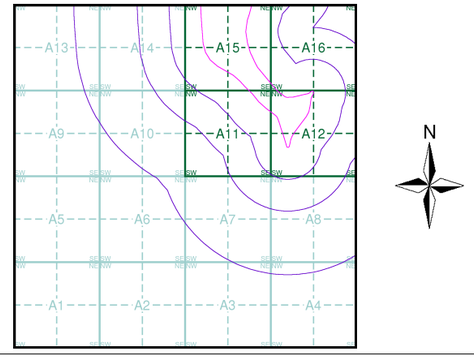
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A



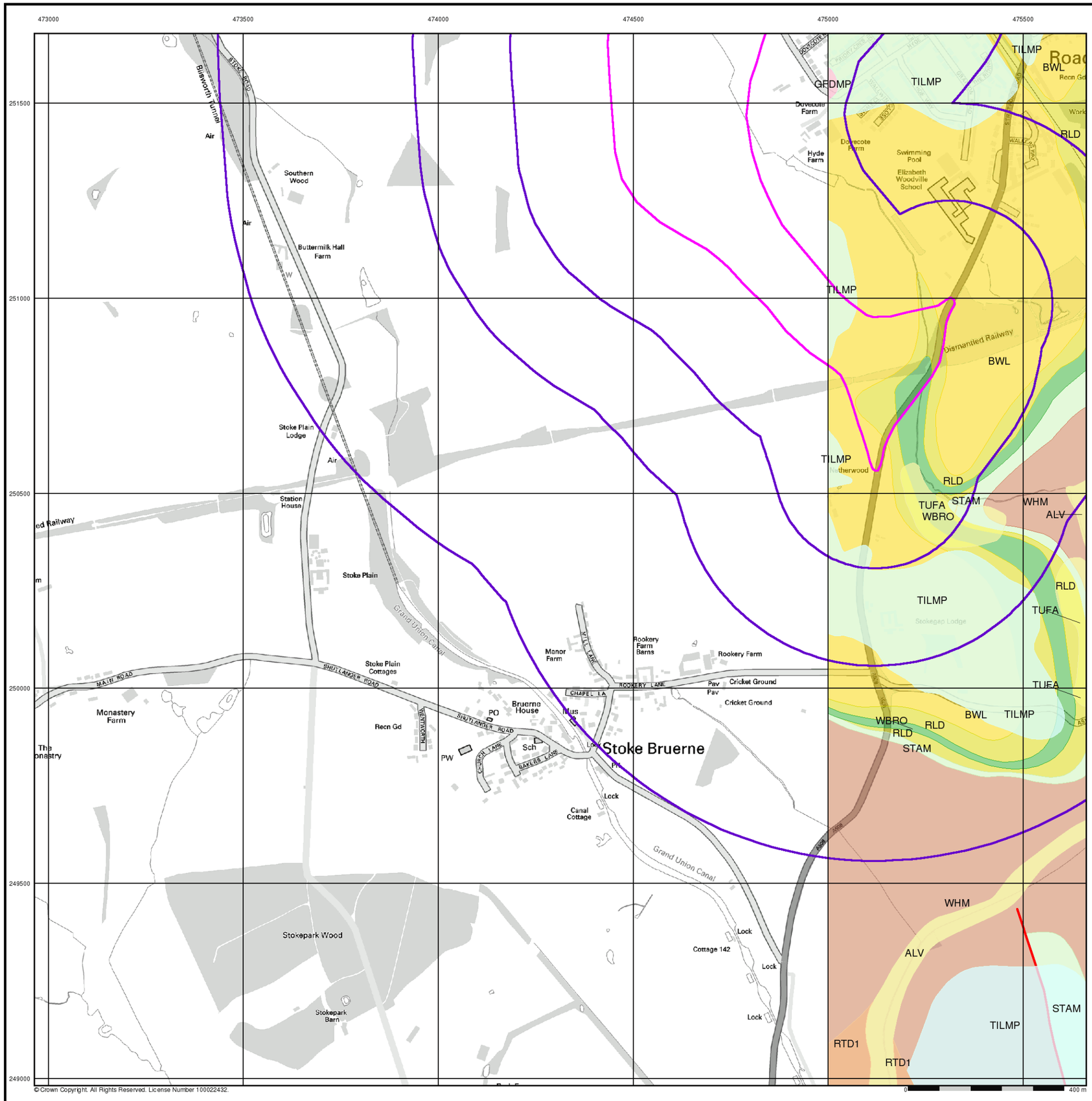
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Envirocheck® Geology

Combined Surface Geology

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

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

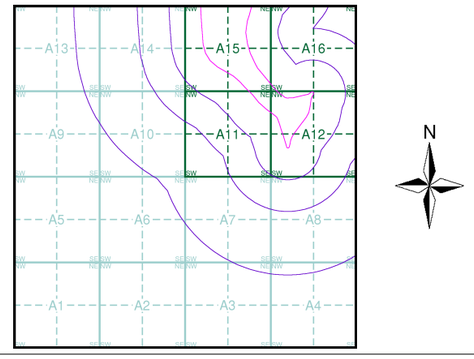
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



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Bedrock and Faults

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	Fault			

Envirocheck® Geology

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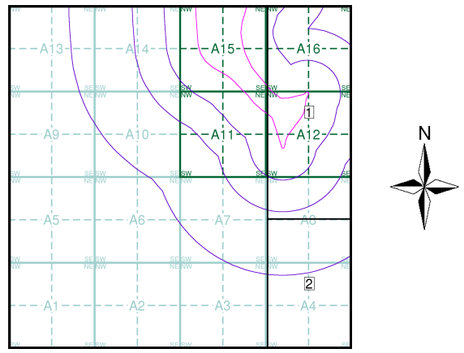
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Map Date:	1961	**Map Date:**	1962
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Not Available	**Artificial Geology:**	Not Available
Faults:	Available	**Faults:**	Available
Landslip:	Available	**Landslip:**	Not Available
Rock Segments:	Not Available	**Rock Segments:**	Not Available

Geology 1:10,000 Maps - Slice A



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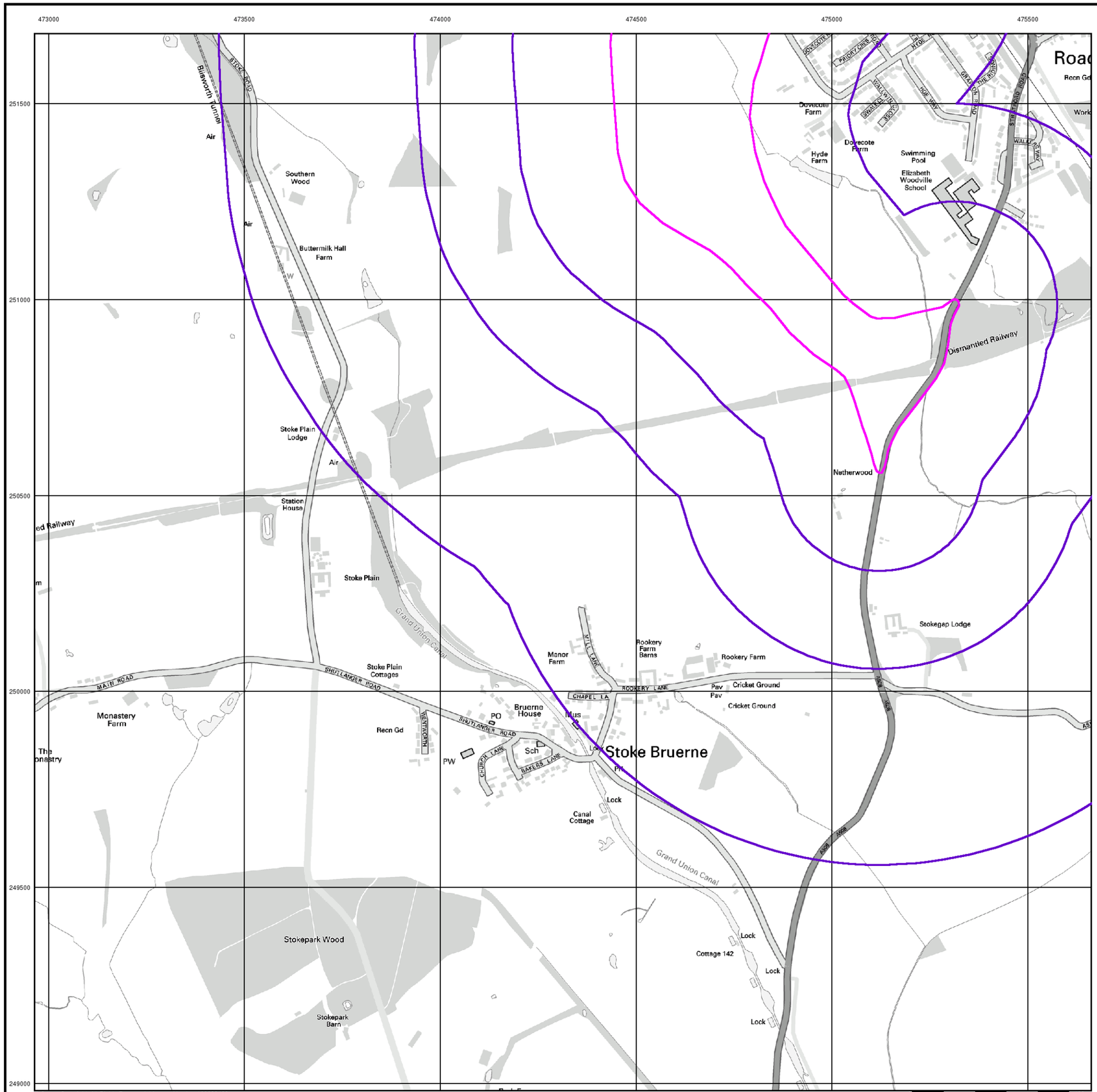
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Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Envirocheck® Geology

Artificial Ground and Landslip

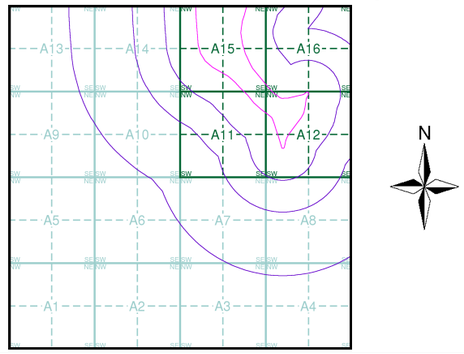
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details

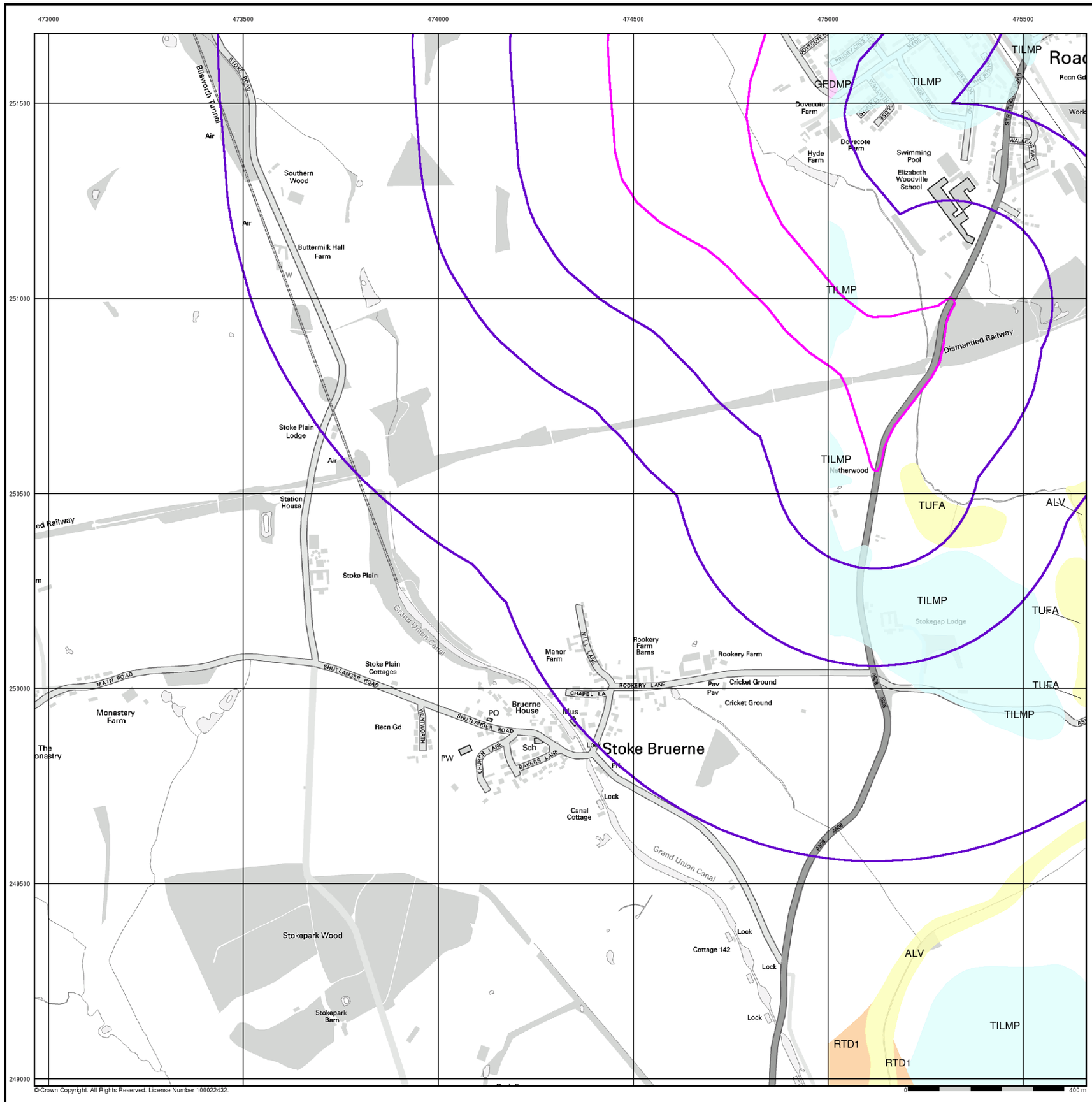
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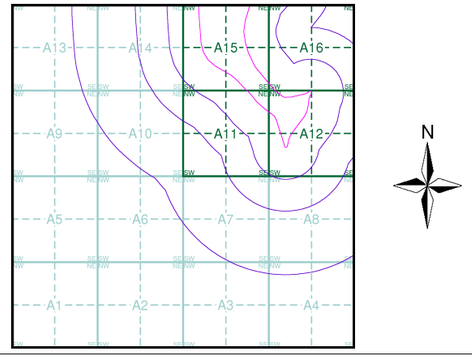
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice A



Order Details

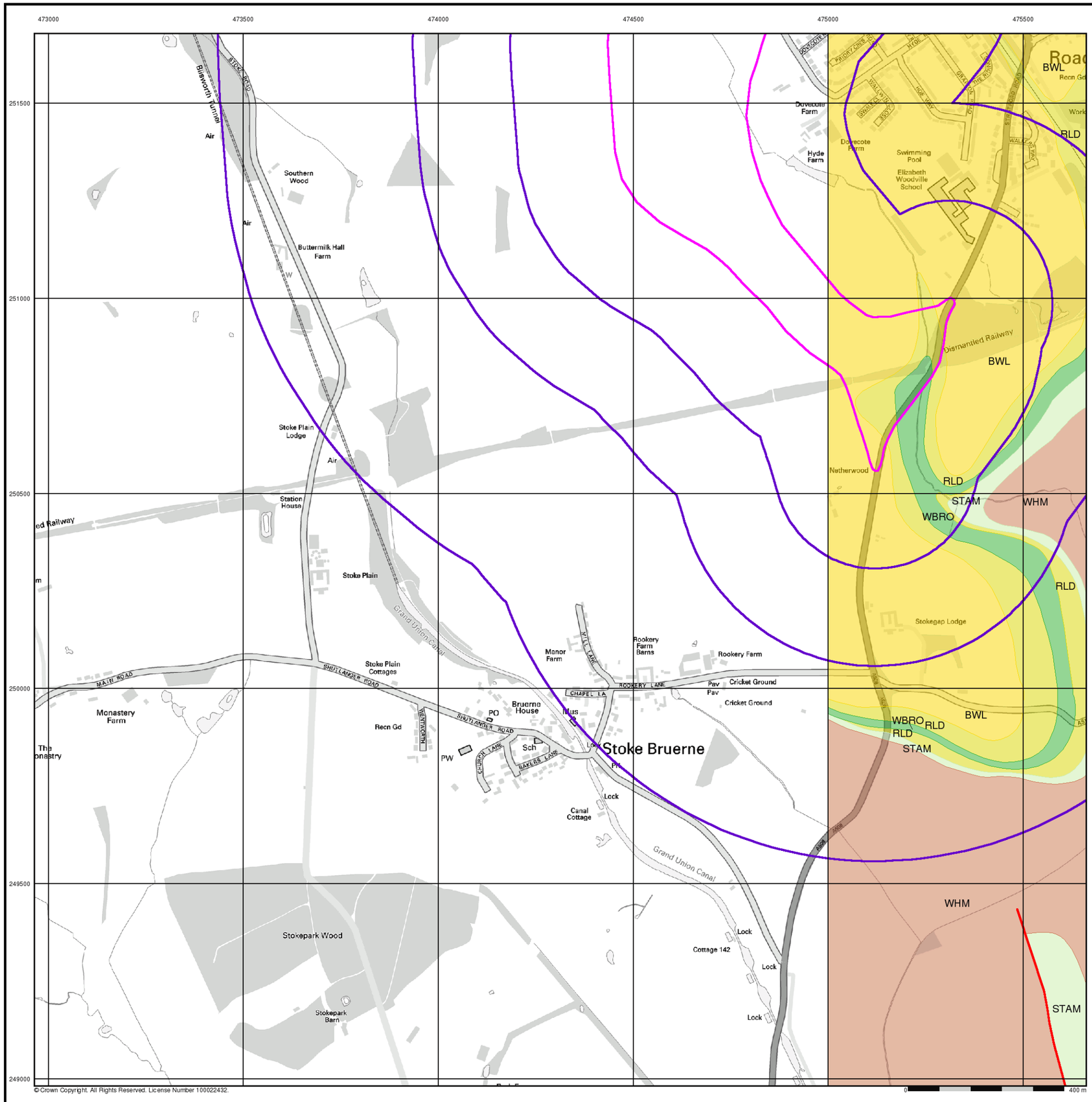
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Envirocheck® Geology

Bedrock and Faults

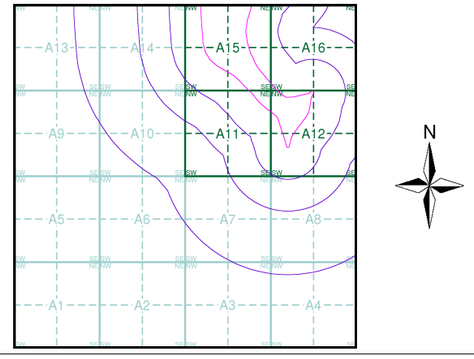
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A



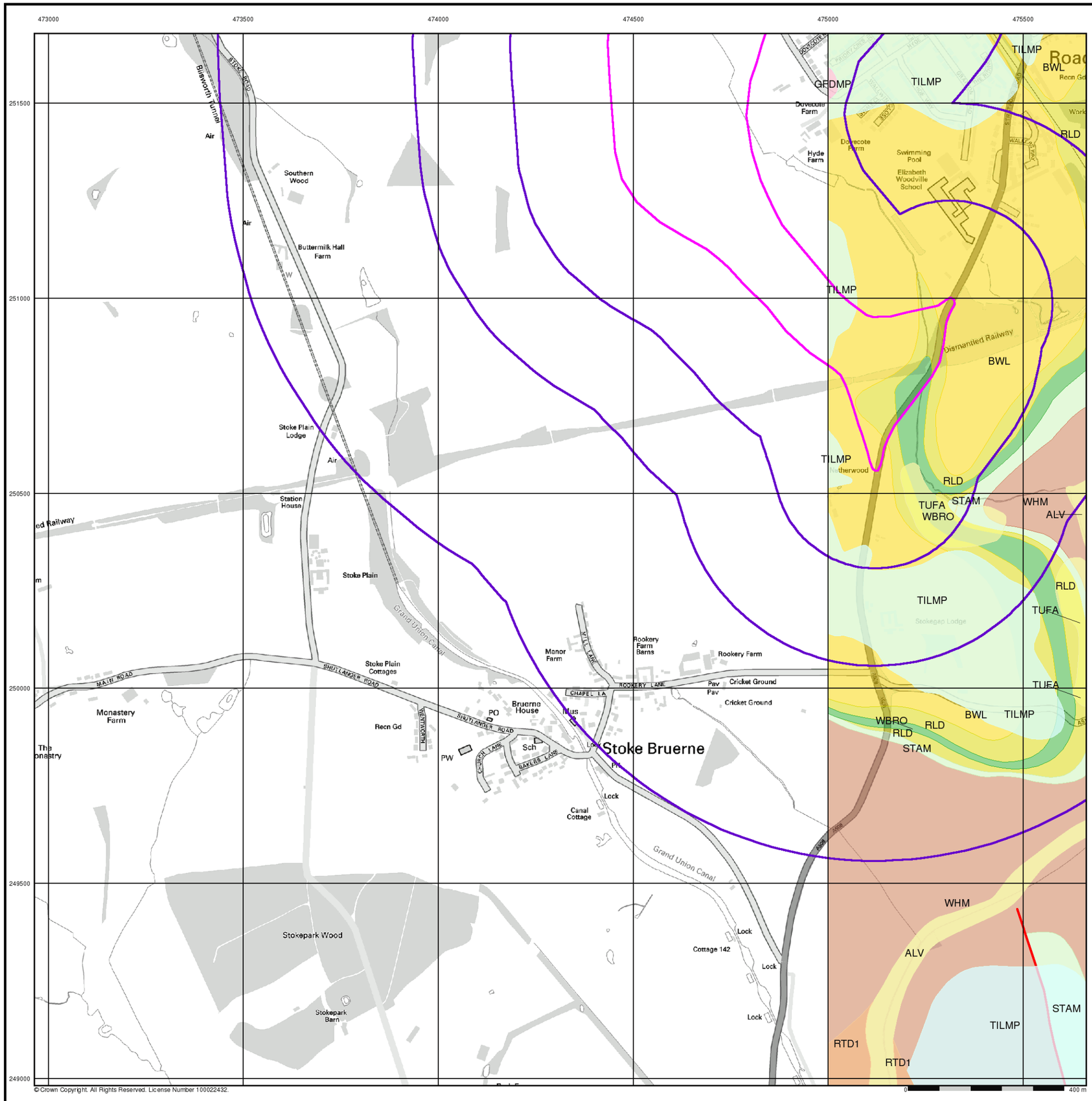
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Envirocheck® Geology

Combined Surface Geology

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

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

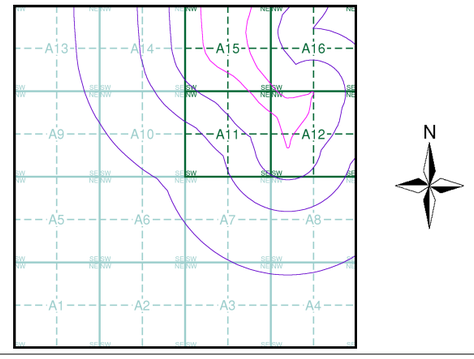
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A

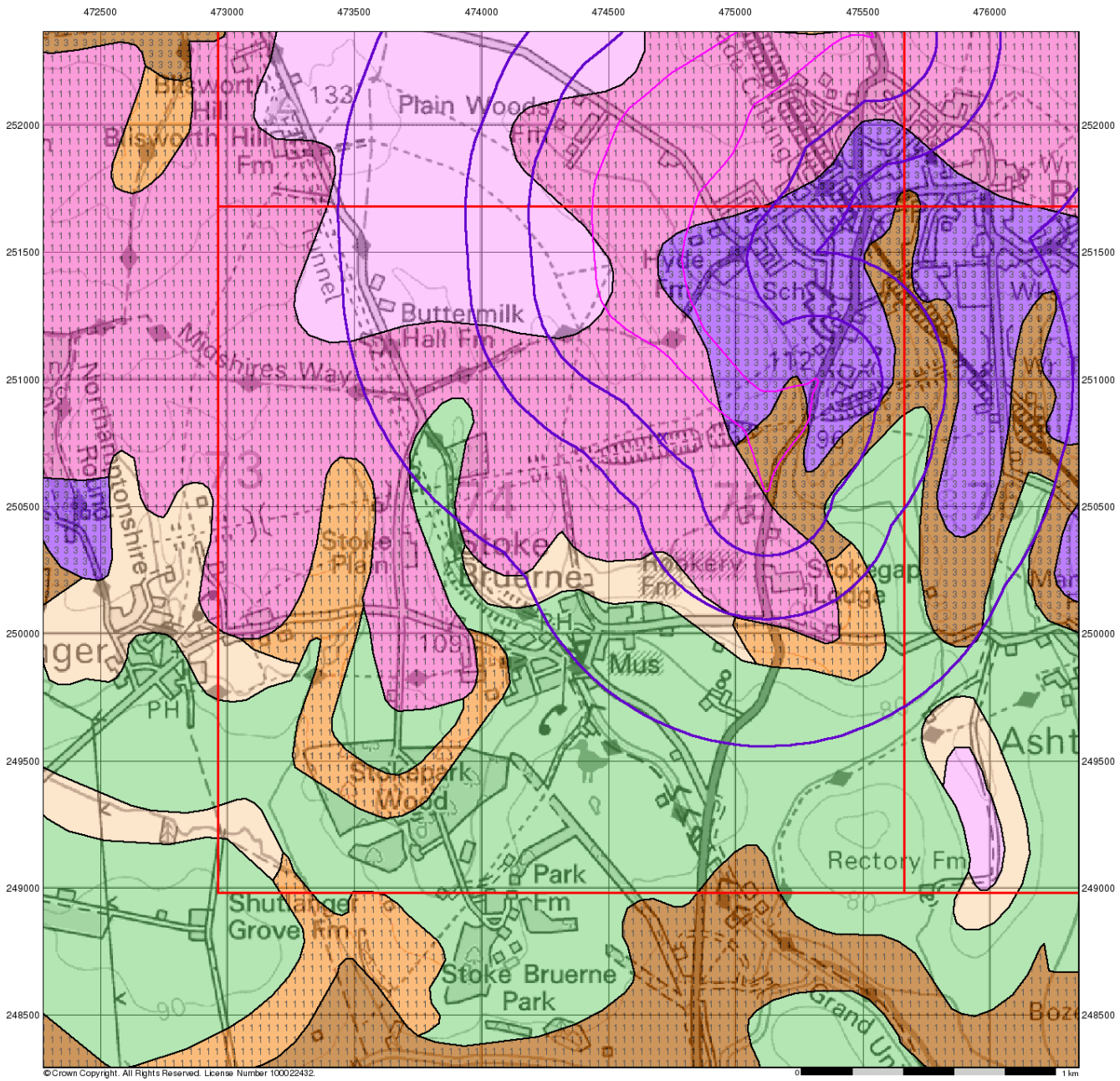


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Groundwater Vulnerability

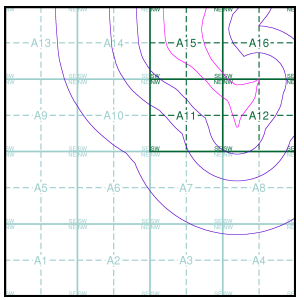
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



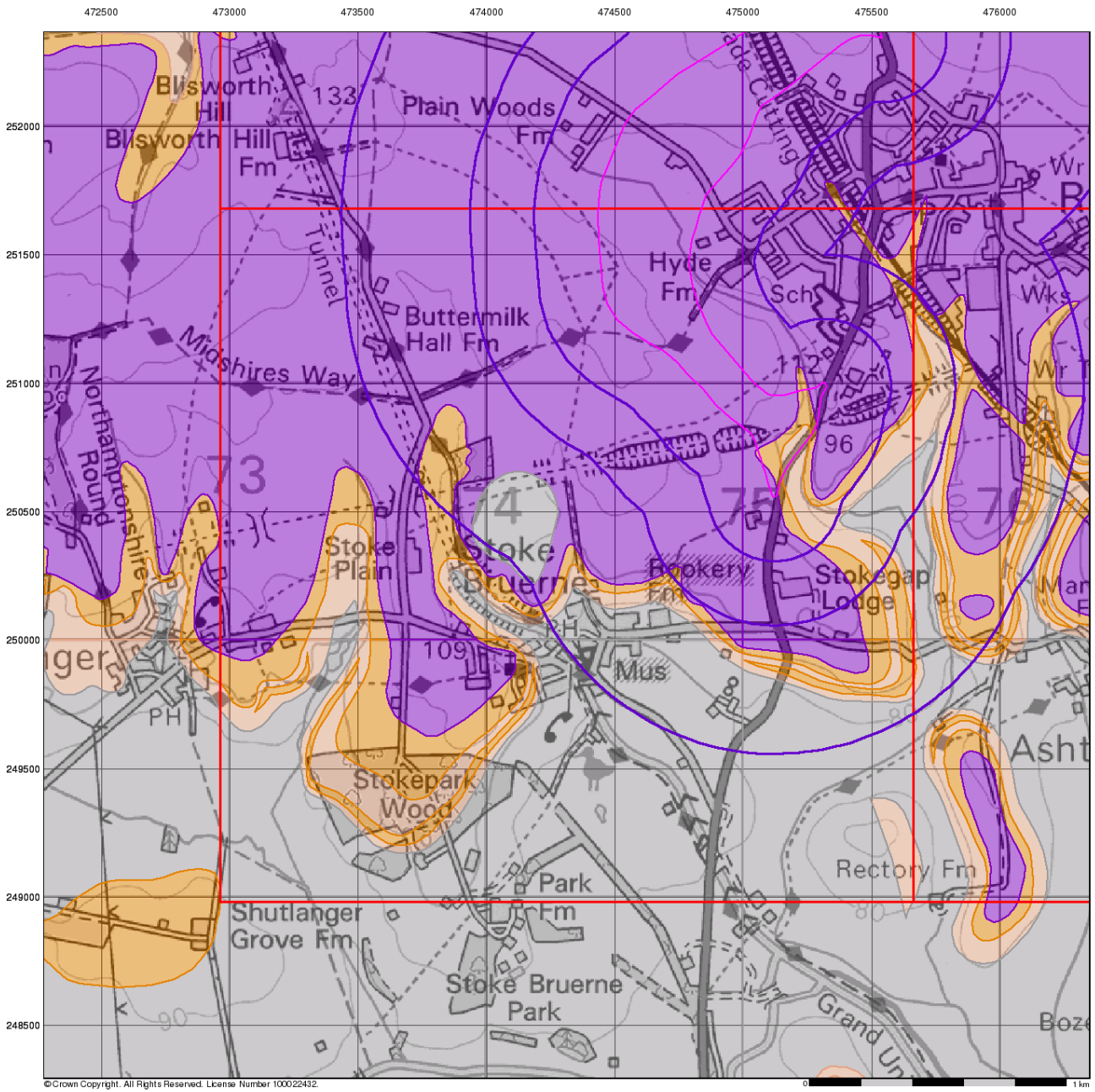
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Bedrock Aquifer Designation

General

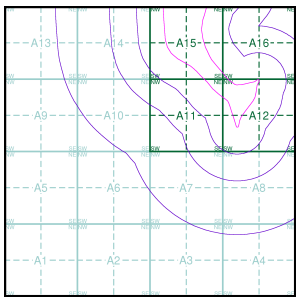
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

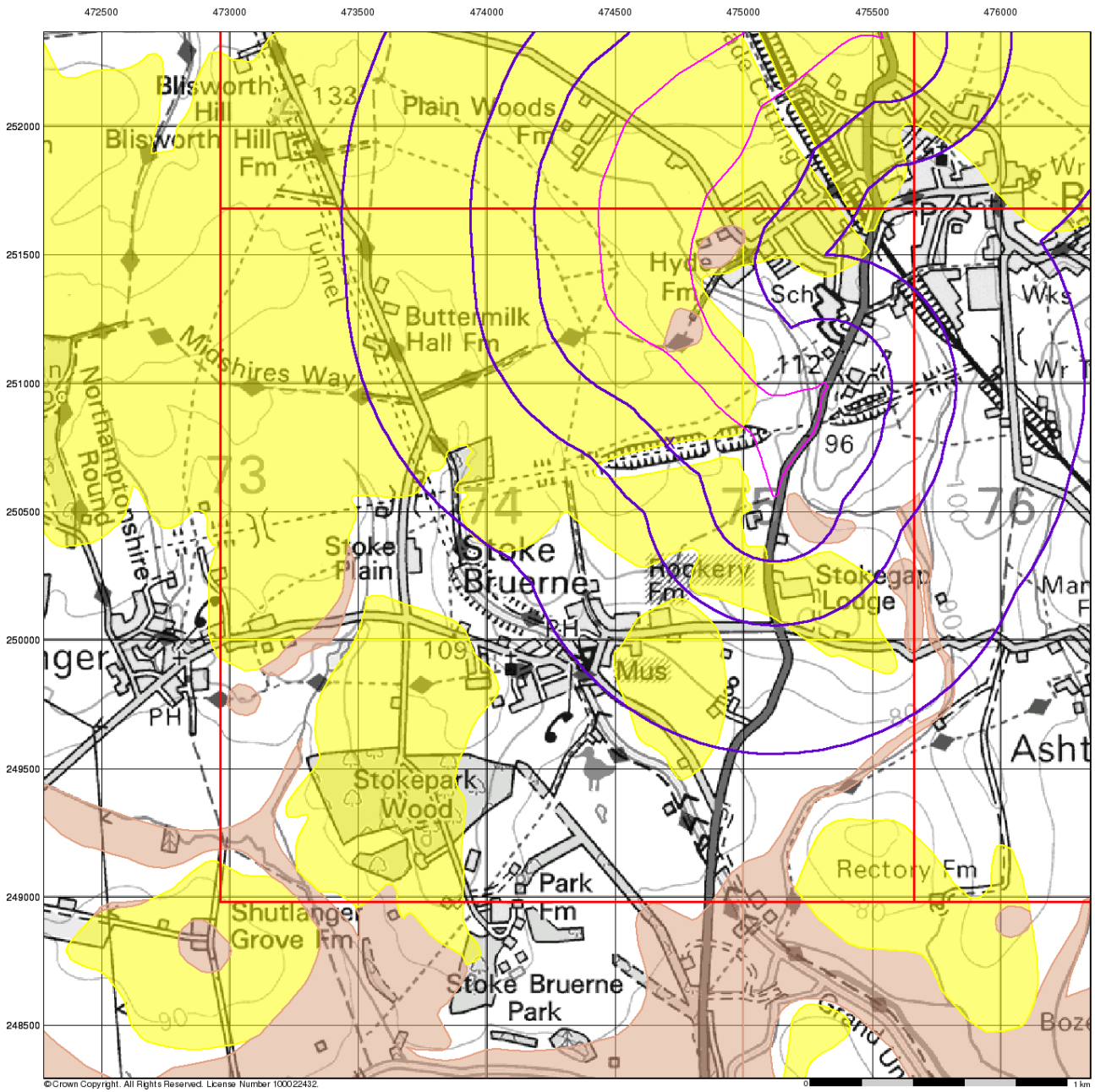


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Search Buffer (m):	1000

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Superficial Aquifer Designation

General

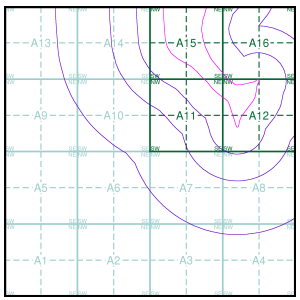
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



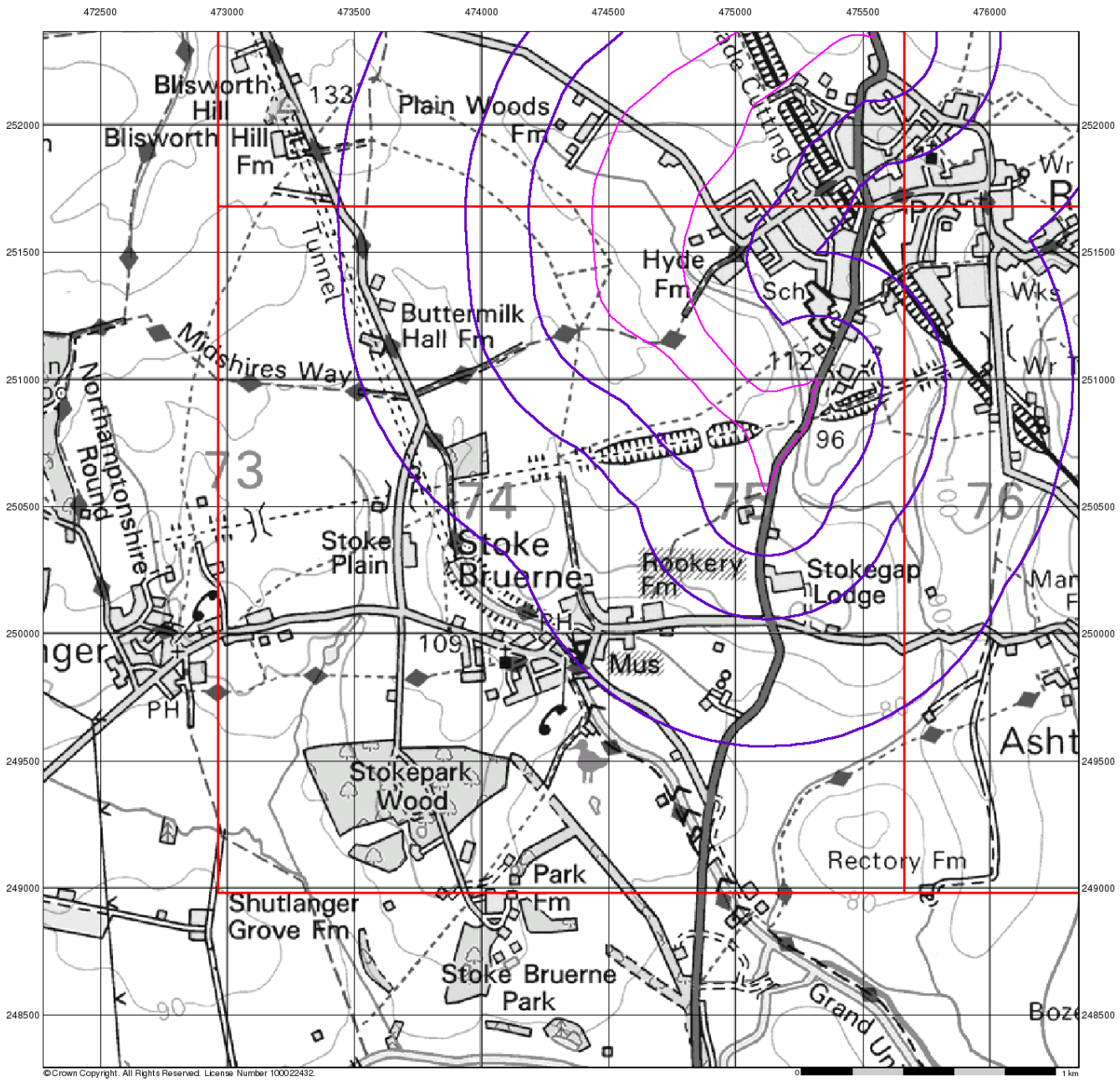
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Source Protection Zones

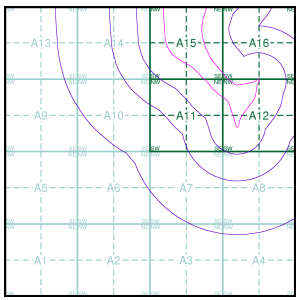
General

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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



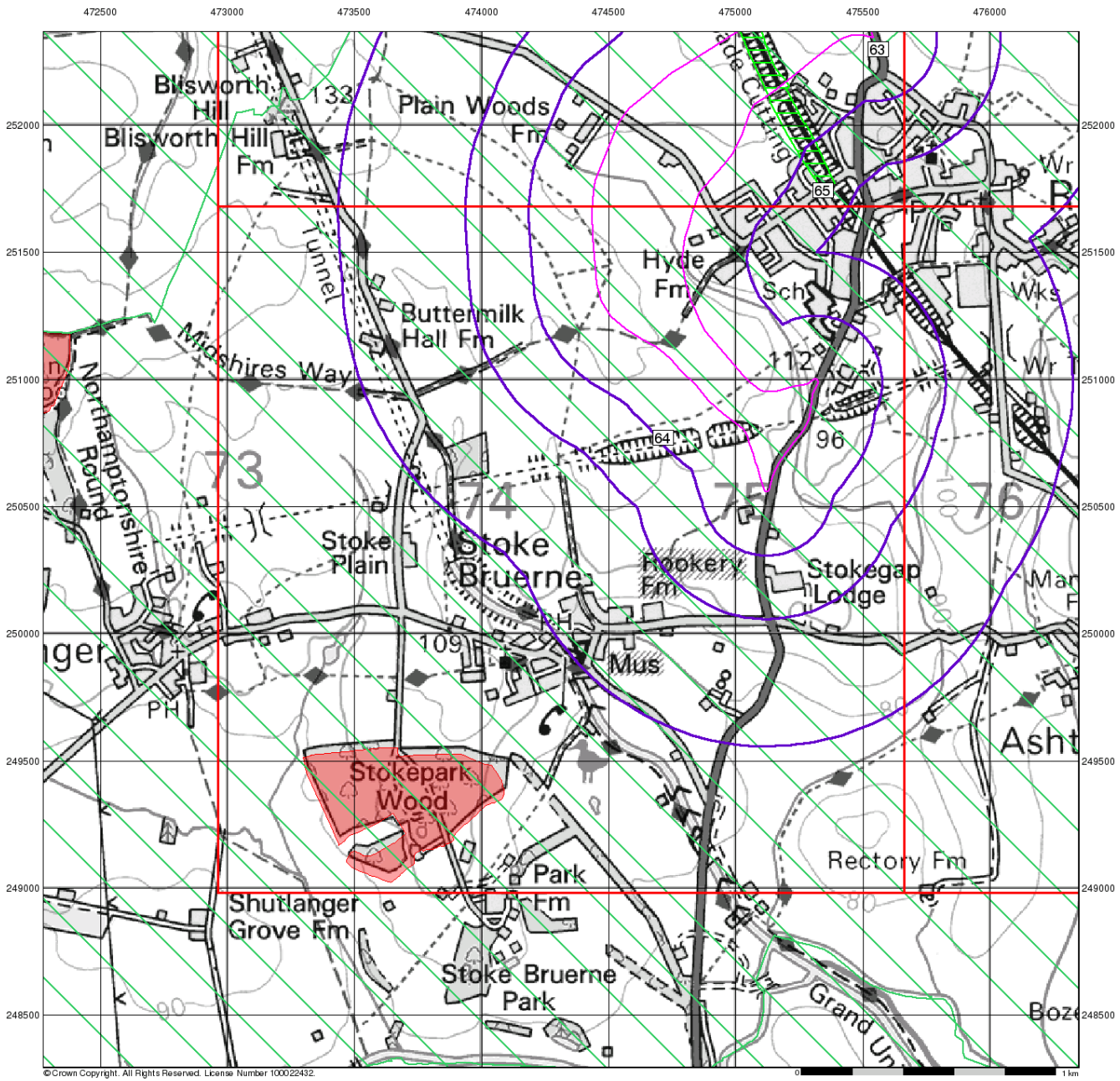
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Sensitive Land Uses

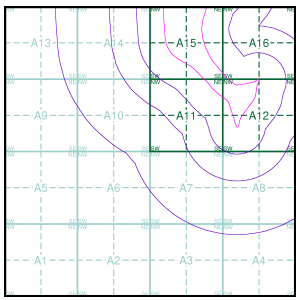
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



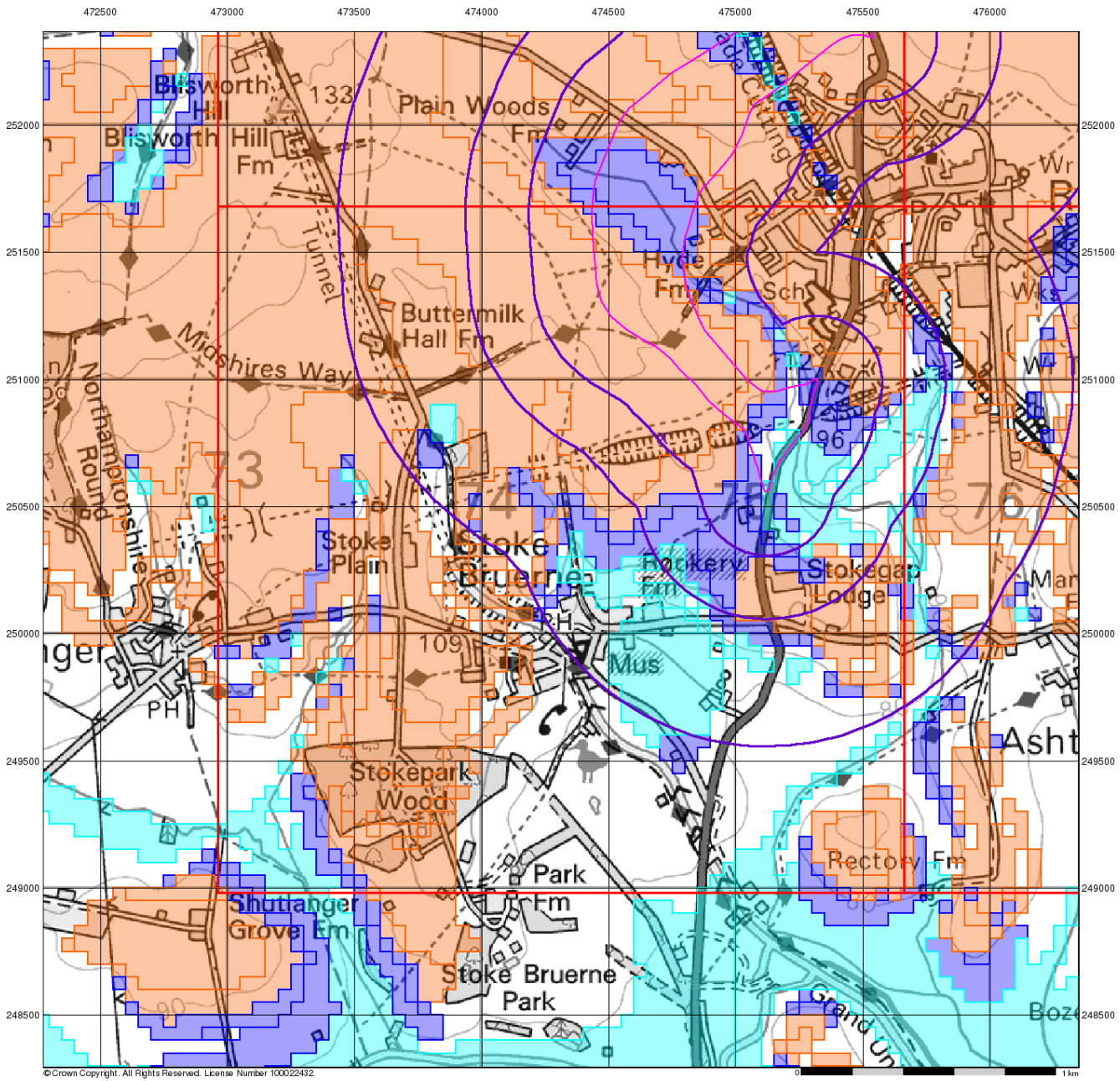
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BGS Flood GFS Data

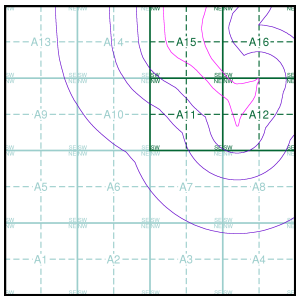
General

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



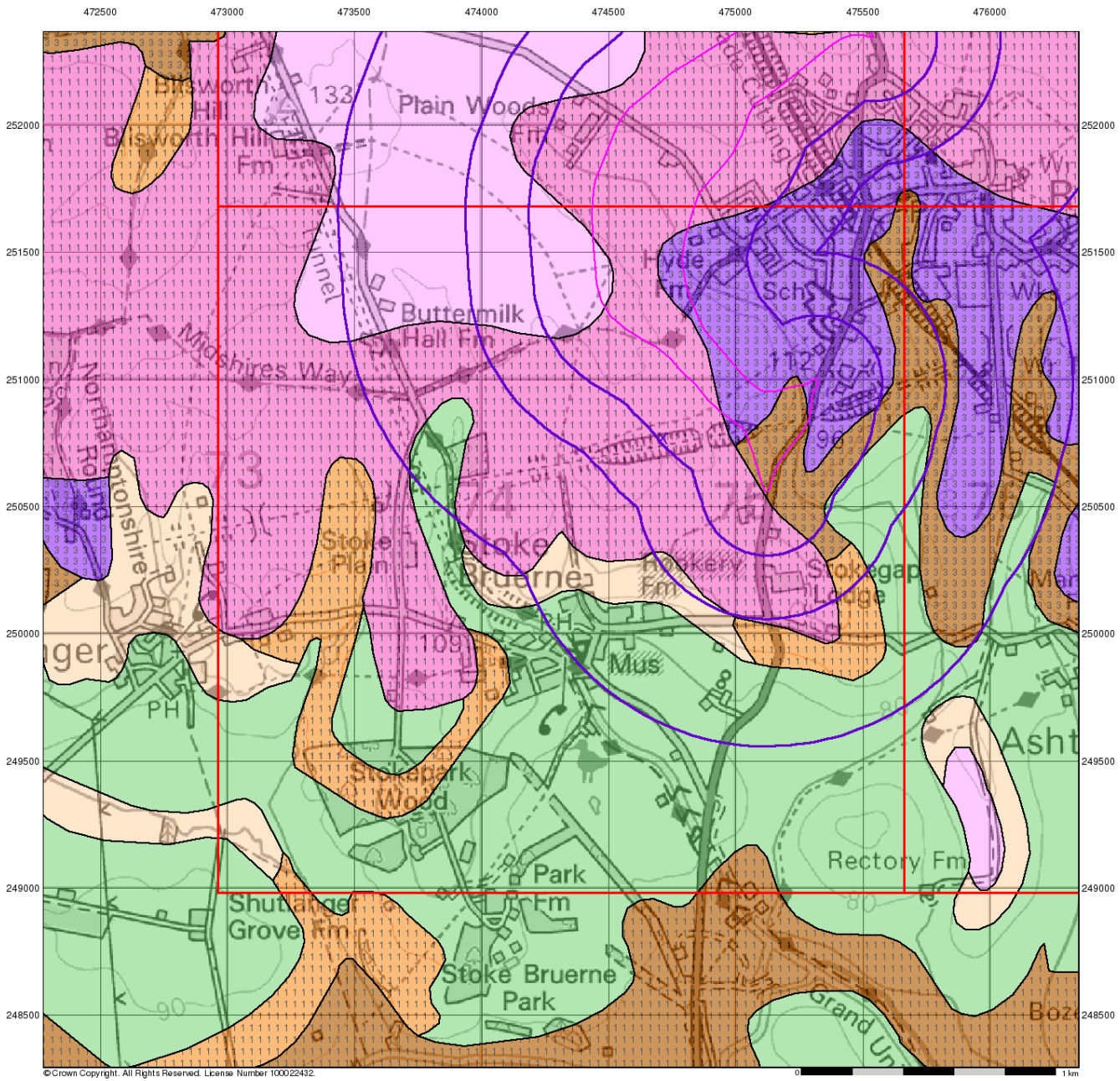
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Groundwater Vulnerability

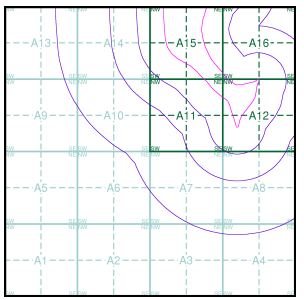
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



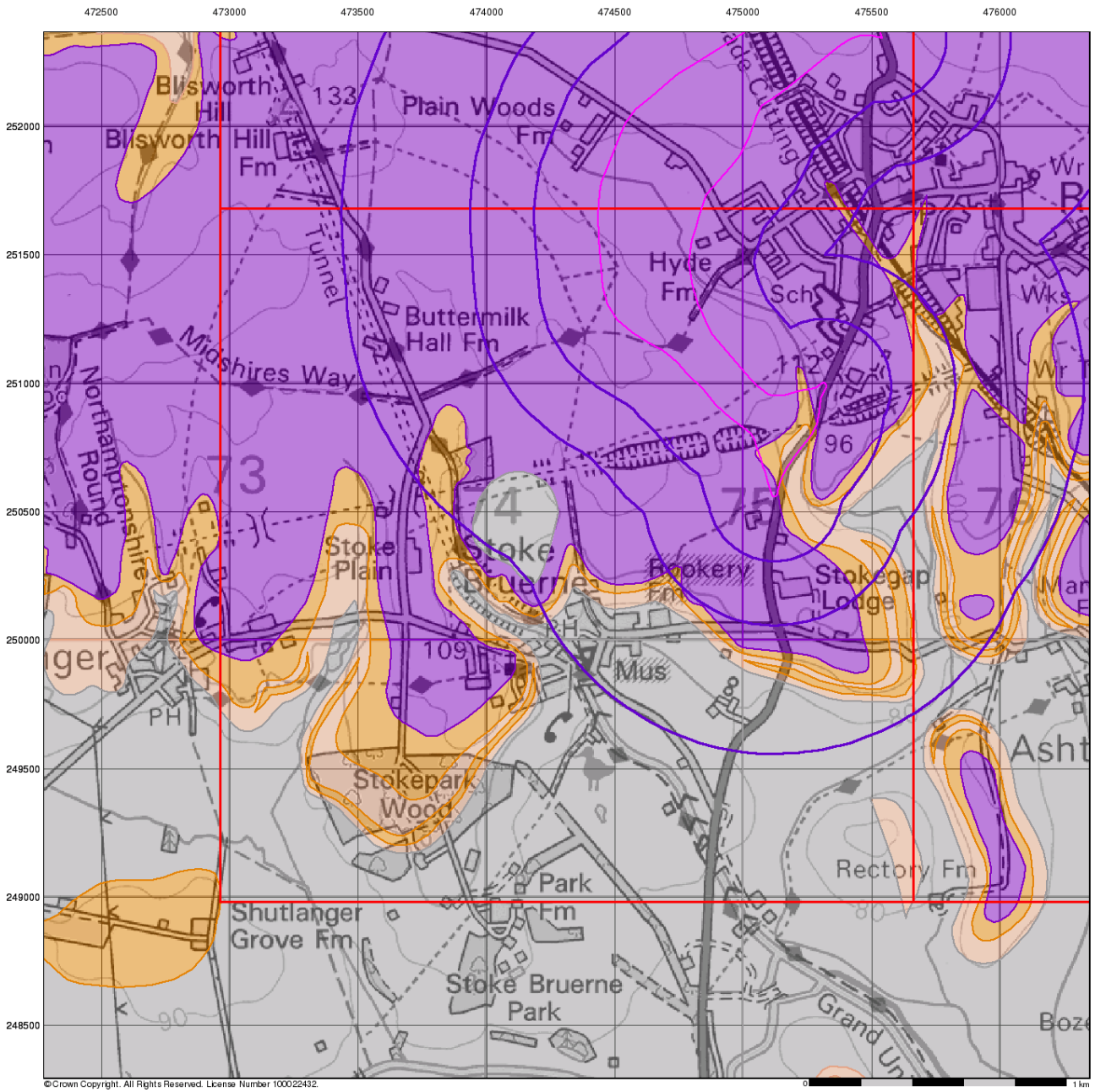
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Bedrock Aquifer Designation

General

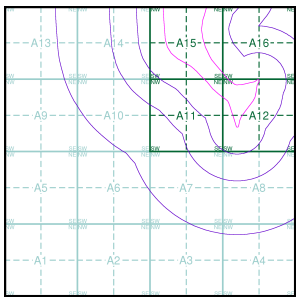
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

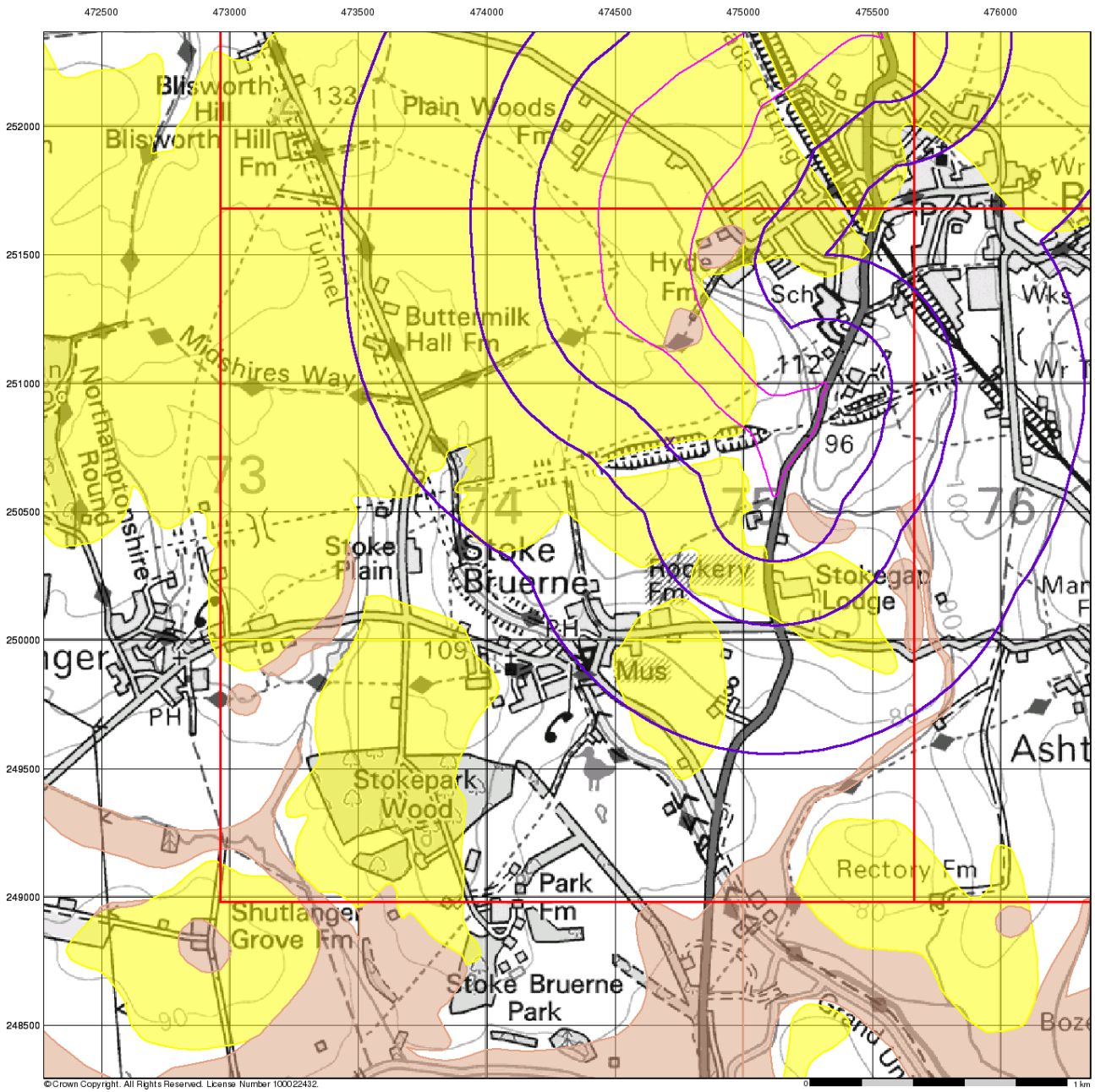


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Site Details

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Envirocheck®

Superficial Aquifer Designation

General

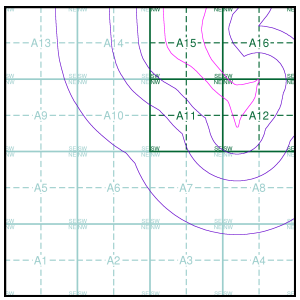
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



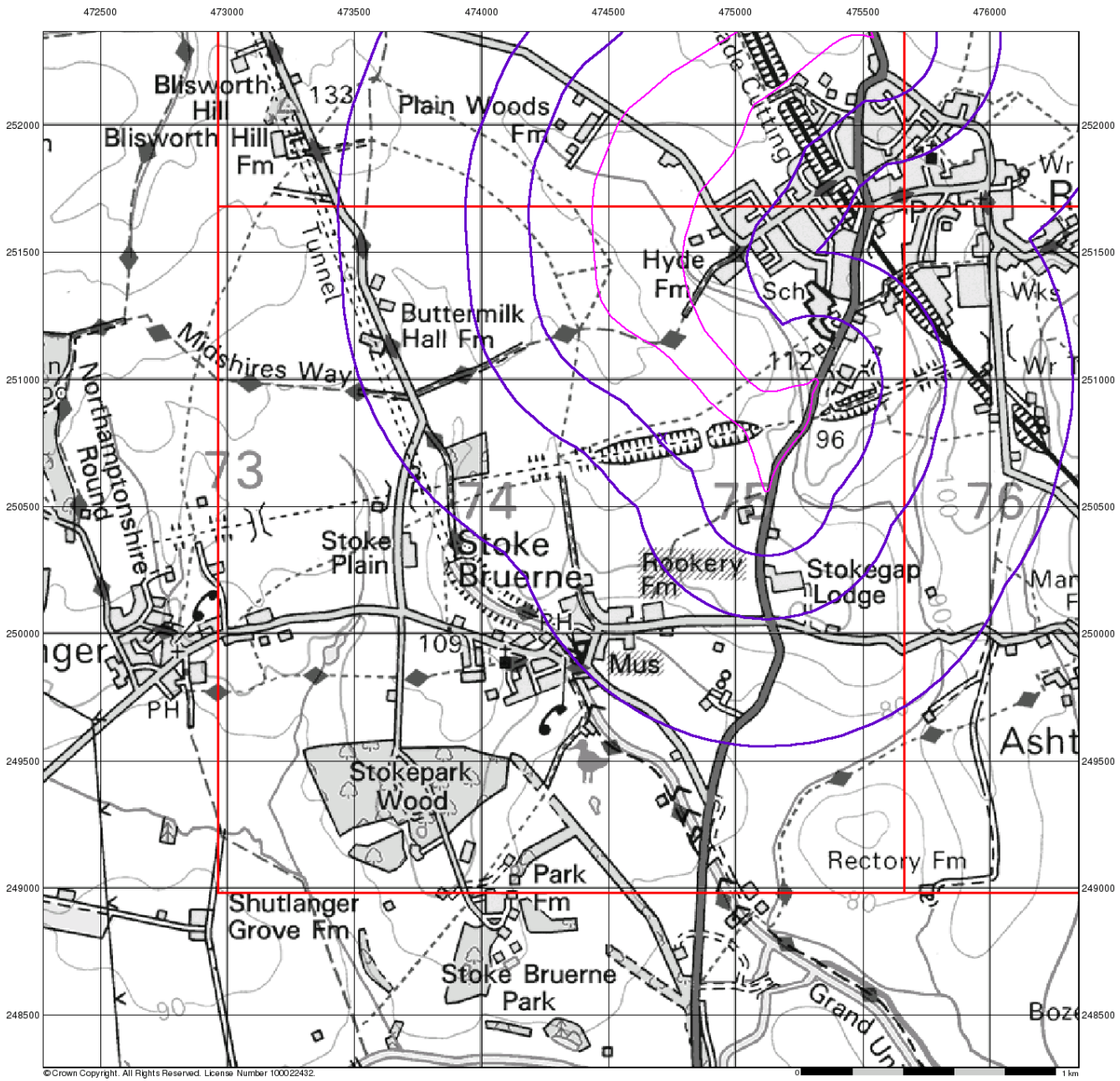
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Source Protection Zones

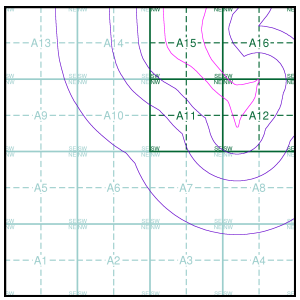
General

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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



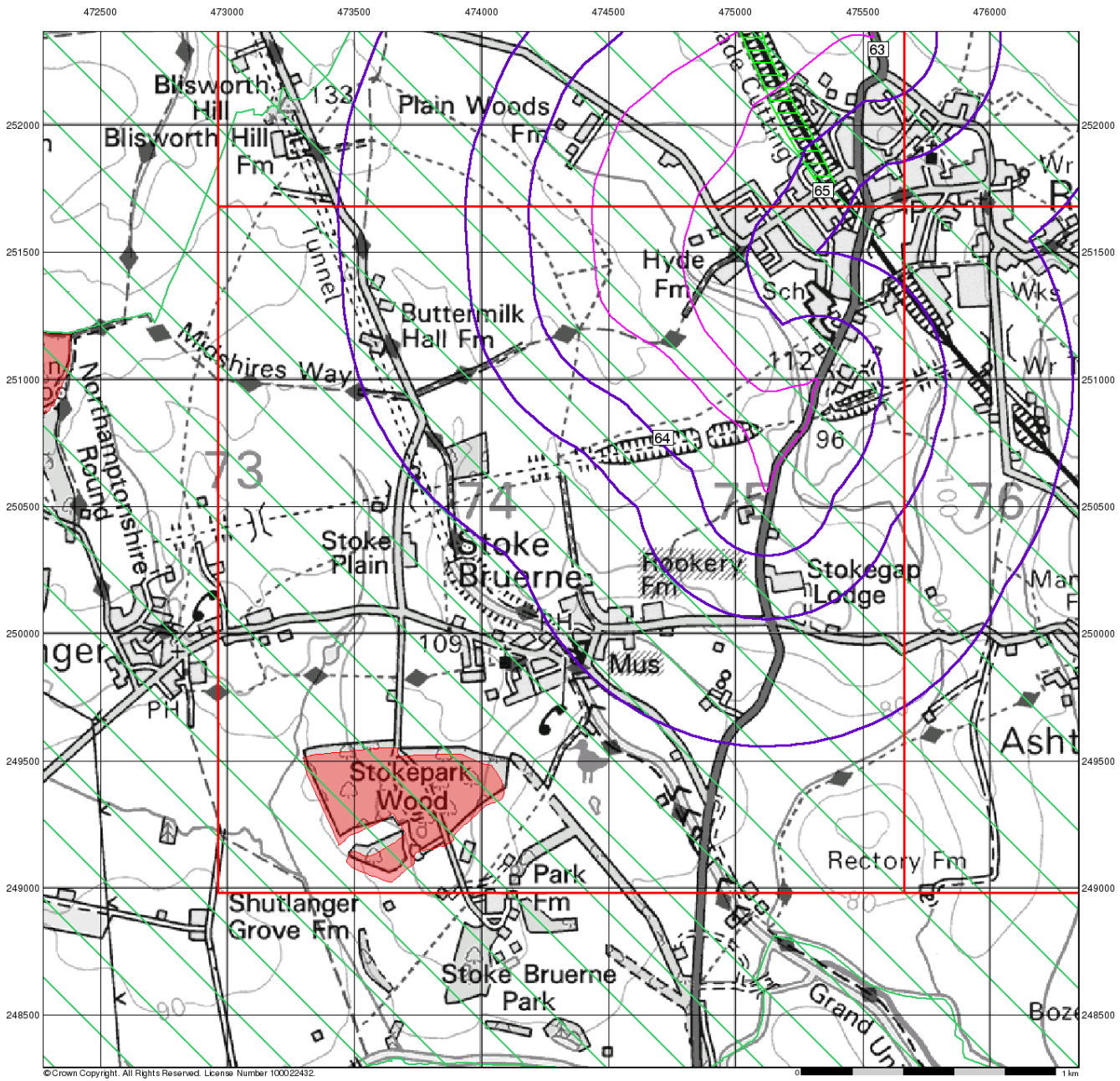
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Sensitive Land Uses

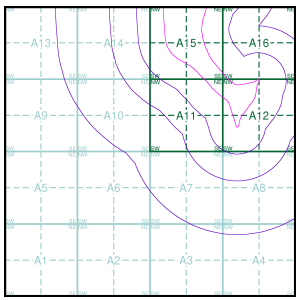
General

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



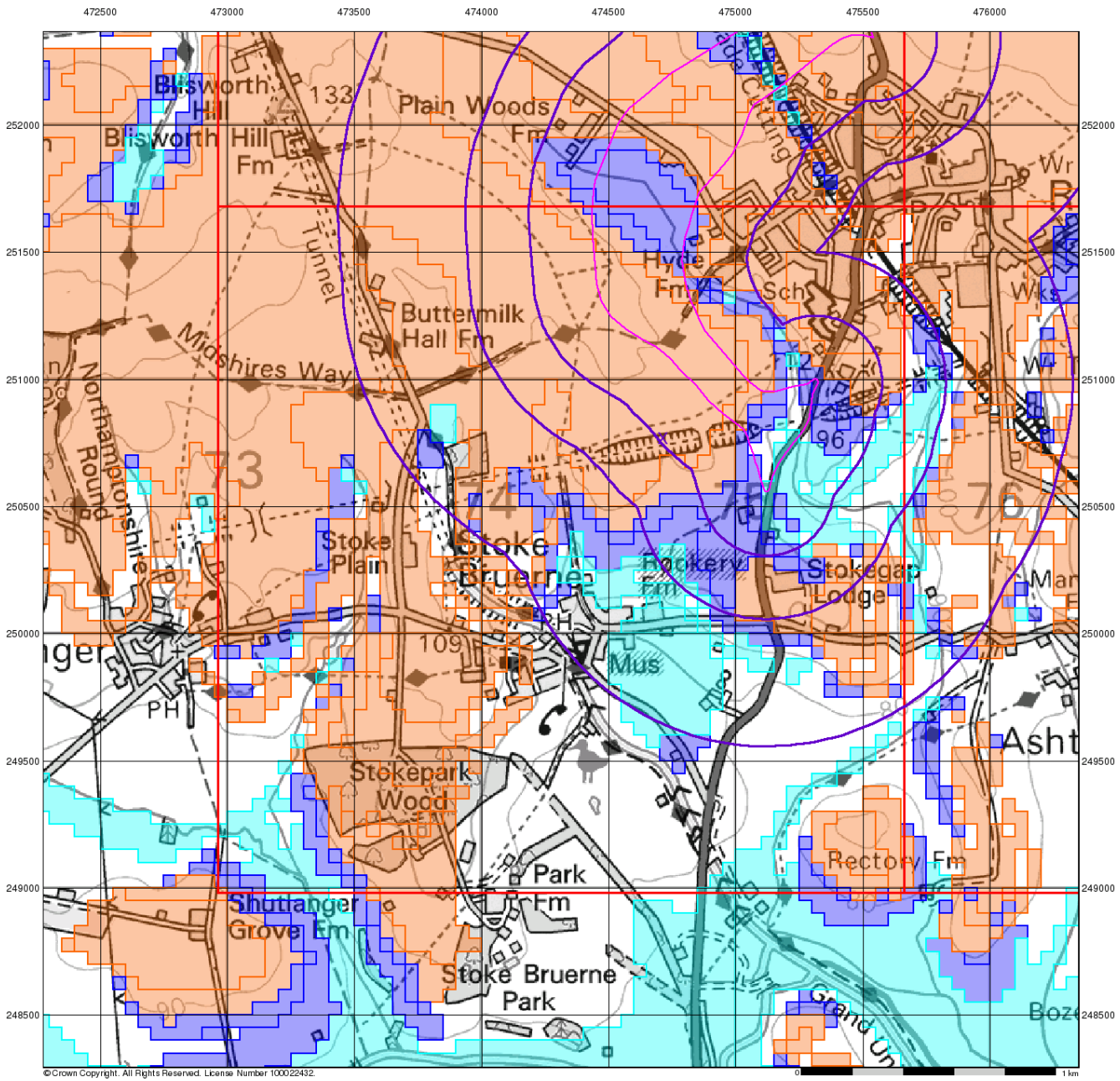
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group
Tel: 0844 844 9952
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BGS Flood GFS Data

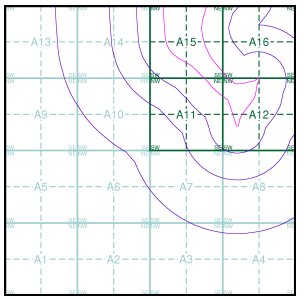
General

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:	90638346_1_1
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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
90638346_1_1

Customer Reference:
313418

National Grid Reference:
474710, 250770

Slice:
A

Site Area (Ha):
72.92

Search Buffer (m):
1000

Site Details:

Ivydene, Bailey Brooks Lane
Roade
NORTHAMPTON
NN7 2LS

Client Details:

Mrs D Martin
RSK Environment Ltd
Abbey Park
Humber Road
Coventry
CV3 4AQ

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	20
Industrial Land Use	30
Sensitive Land Use	33
Data Currency	34
Data Suppliers	38
Useful Contacts	39

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 the attached 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.

Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 5			7	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 10				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 10				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 11				2 (*6)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 12	Yes	n/a	n/a	n/a
Drift Deposits	pg 13	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Source Protection Zones					
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
Detailed River Network Lines	pg 14	Yes	Yes	Yes	n/a
Detailed River Network Offline Drainage					n/a

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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 18	1			
Licensed Waste Management Facilities (Locations)	pg 18		1		
Local Authority Landfill Coverage	pg 18	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 18		1		
Potentially Infilled Land (Non-Water)	pg 18		1	1	2
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 19	2			
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 24		2	2	2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 26	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 26	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 27	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 27	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 27	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 28	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 28	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 30		1	5	2
Fuel Station Entries	pg 30			1	1
Points of Interest - Commercial Services	pg 30		1	2	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 31			1	6
Points of Interest - Public Infrastructure	pg 31			4	3
Points of Interest - Recreational and Environmental	pg 32				2
Gas Pipelines					
Underground Electrical Cables					

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					
Nitrate Vulnerable Zones	pg 33	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 33	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	(N)	0	2	475150 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474700 251500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474715 251500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	2	475000 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475050 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475050 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	2	474750 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475050 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	474950 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	0	2	475250 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	474900 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475000 252200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	2	474900 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (S)	0	2	474715 250700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (E)	0	2	475000 250800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	0	2	475000 250600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	474800 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475000 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	0	2	475150 250800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	0	2	475250 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475100 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475250 250900

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	2	474700 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	2	475050 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475100 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	2	475250 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	474750 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	474350 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	474800 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	475000 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	2	475100 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475150 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	0	2	475500 251550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NW)	0	2	474715 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (NE)	0	2	475000 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474750 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474800 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (SE)	0	2	475100 250600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	2	2	475300 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	20	2	474850 251600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	21	2	474850 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	24	2	475150 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	26	2	475150 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	28	2	475200 251150

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	A15NE (N)	37	2	474850 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	65	2	475000 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	66	2	474900 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	66	2	475150 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16SW (NE)	74	2	475200 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	85	2	474900 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	90	2	474950 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (N)	92	2	474900 251450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	96	2	475200 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (S)	98	2	474715 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SE (NE)	112	2	474950 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	117	2	475150 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	131	2	475200 250450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	131	2	475000 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	136	2	475200 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	143	2	475100 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	158	2	475100 250400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	170	2	475100 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16SW (NE)	182	2	475150 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	206	2	475250 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	210	2	475150 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	214	2	475150 251200

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	A12NE (E)	241	2	475550 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (S)	242	2	474750 250500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (SE)	243	2	475250 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	258	2	475050 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	260	2	475150 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (SE)	271	2	475300 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	276	2	475300 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	278	2	475600 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	287	2	475250 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	296	2	475300 251800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (W)	324	2	474400 250650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	333	2	475250 250250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	342	2	475350 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SE (NE)	344	2	475600 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	363	2	475350 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	376	2	475700 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (S)	379	2	474715 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	381	2	475350 250250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	385	2	475450 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	392	2	475700 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	420	2	475550 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	423	2	475300 250150

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	A12SE (SE)	427	2	475500 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	430	2	475750 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	442	2	474900 250150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (E)	447	2	475600 250500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	451	2	475400 251650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	454	2	475500 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	455	2	475700 250650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (S)	464	2	474850 250150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SE)	471	2	475550 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	496	2	475550 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	497	2	475750 251250
1	**Discharge Consents** Operator: A J & G Bament Property Type: Livestock Production, Food Production Location: Rookery Farm Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Gwclf31025 Permit Version: 1 Effective Date: 31st March 1999 Issued Date: 16th August 2000 Revocation Date: Not Supplied Discharge Type: Agriculture - Livestock Farming Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status:** **Deemed Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 100m	A7NE (S)	339	3	474900 250300
2	**Discharge Consents** Operator: H C Reeman Property Type: Sewage Disposal Works - Other Location: Stoke Hill Cottage, Stoke Bruerne, Northamptonshire, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf14813 Permit Version: 1 Effective Date: 3rd October 2002 Issued Date: 15th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Trib Of River Tove **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	359	3	475100 250200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: R L Underwood Property Type: Sewage Disposal Works - Other Location: Stoke Hill Cottage, Stoke Bruerne, Northamptonshire, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf14813 Permit Version: 1 Effective Date: 3rd October 2002 Issued Date: 15th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Trib Of River Tove **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	359	3	475100 250200
3	**Discharge Consents** Operator: Mr & Mrs T Owen Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	381	3	475300 250220
3	**Discharge Consents** Operator: Mr & Mrs P Dunkley Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	381	3	475300 250220
3	**Discharge Consents** Operator: Mr & Mrs B Carter Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	381	3	475300 250220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Mr P Mccallum & Mrs L Castleton Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	381	3	475300 250220
4	**Discharge Consents** Operator: K F Copleston Property Type: Sewage Disposal Works - Other Location: 5 & 6 Ashton Rd, Stoke Bruerne, Northants, Nn12 7sl Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05465 Permit Version: 1 Effective Date: 16th May 1995 Issued Date: 16th May 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary River Tove **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	518	3	475130 250040
5	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 3 Effective Date: 18th May 1987 Issued Date: 18th May 1987 Revocation Date: 25th September 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (S)	823	3	474800 249800
5	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 2 Effective Date: 21st October 1981 Issued Date: 21st October 1981 Revocation Date: 17th May 1987 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (S)	823	3	474800 249800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 1 Effective Date: 21st April 1960 Issued Date: 21st April 1960 Revocation Date: 20th October 1981 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (S)	823	3	474800 249800
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 7 Effective Date: 27th February 2015 Issued Date: 27th February 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 6 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 26th February 2015 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 5 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 4 Effective Date: 26th September 2002 Issued Date: 26th September 2002 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewerage Network - Sewers - Water Company Location: Stoke Bruerne Stw Rookery Lane, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf276 Permit Version: 1 Effective Date: 19th June 1961 Issued Date: 19th June 1961 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	889	3	474928 249690
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 7 Effective Date: 27th February 2015 Issued Date: 27th February 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 6 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 26th February 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 5 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 4 Effective Date: 26th September 2002 Issued Date: 26th September 2002 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680
7	**Local Authority Pollution Prevention and Controls** Name: Roade Service Station Location: Stratford Road, ROADE, Northants, NN12 7LQ Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: 56/1.2/15 Dated: 17th March 2003 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A16SE (NE)	347	4	475478 251307
	Nearest Surface Water Feature	A12NW (E)	0	-	475242 250767
8	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Bedford District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Grand Union Canal Incident Date: 19th October 1992 Incident Reference: 1695 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7SW (S)	974	3	474400 249900
	River Quality Name: Grand Union Canal GQA Grade: River Quality C Reach: Grafton Regis...Blisworth Estimated Distance (km): 10 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A6NE (SW)	876	3	474190 250025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Water Abstractions** Operator: W Irlam Licence Number: 6/33/04/*G/0025 Permit Version: 100 Location: Well At Stoke Gap Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (SE)	663	3	475200 249900
10	**Water Abstractions** Operator: G & E Tarry Licence Number: 6/33/04/*G/0039 Permit Version: 100 Location: Well At Stoke Bruerne 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (S)	732	3	474800 249900
	Water Abstractions Operator: C A Taylor Licence Number: 6/33/04/*G/0026 Permit Version: 100 Location: Well At Stoke Bruerne 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1129	3	474200 249900
	Water Abstractions Operator: Bushell Licence Number: 6/33/04/*G/0015 Permit Version: 100 Location: Well At Stoke Bruerne 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st August 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1211	3	474100 249900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SE (SE)	1277	3	475340 249300
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1558	3	475100 249000
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1854	3	475360 248720
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*s/011 Permit Version: Not Supplied Location: Catchpit - Fed By River Tove., ROADE Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 61 Yearly Rate (m3): 227270 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1966	3	475300 248600
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A11NE (NW)	0	3	474715 250769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A12NW (E)	0	3	475000 250734
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A11NE (E)	0	3	474953 250848
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A15SW (NW)	0	3	474425 251209
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	(N)	0	3	475128 252369
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A11NE (N)	0	3	474698 250813
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A11NE (NW)	0	2	474715 250769
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A12NW (E)	0	2	475000 250769
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A12NW (E)	0	2	475050 250736
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A12NW (E)	0	2	475144 250707
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A15SE (N)	0	2	474715 251121
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NE (NW)	0	2	474715 250769
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A16NW (NE)	0	2	475000 251458
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A12NW (E)	0	2	475000 250833
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A16NE (NE)	0	2	475477 251590
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences None				
11	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NW (E)	0	3	475232 250706
12	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	0	3	474896 251351
13	**Detailed River Network Lines** River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	81	3	474898 251350
14	**Detailed River Network Lines** River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15SE (NE)	95	3	474967 251321
15	**Detailed River Network Lines** River Type: Tertiary River River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A16SE (E)	95	3	475414 251020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Detailed River Network Lines** River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	95	3	474912 251346
17	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	101	3	474913 251364
18	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A16SW (NE)	185	3	475048 251296
19	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12SE (SE)	222	3	475334 250476
20	**Detailed River Network Lines** River Type: Tertiary River River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12SE (SE)	222	3	475334 250476
21	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	233	3	475552 250934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	259	3	475583 250986
23	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	277	3	475600 250955
24	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	293	3	475617 250965
25	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12SE (E)	408	3	475556 250508
26	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	(NE)	432	3	475673 251255
27	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A16SE (NE)	444	3	475661 251285

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Pianoforte Supplies - Old Quarry Licence Number: 70645 Location: Old Quarry, Stratford Road, Roade, Northants, NN7 2NJ Licence Holder: Pianoforte Supplies Ltd Authority: Environment Agency - Anglian Region, Central Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied **Licence Status: Issued** Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12NW (E)	0	3	475276 250818
29	**Licensed Waste Management Facilities (Locations)** Licence Number: 70645 Location: Old Quarry, Stratford Road, Roade, Northamptonshire, NN7 2NJ Operator Name: Pianoforte Supplies Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Central Area Site Category: Household, Commercial And Industrial Waste Landfills **Licence Status: Issued** Issued: 2nd November 1979 Last Modified: 23rd June 1997 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16SE (E)	45	3	475353 251030
	Local Authority Landfill Coverage Name: South Northamptonshire District Council - Has supplied landfill data		0	4	474715 250769
	Local Authority Landfill Coverage Name: Northamptonshire County Council - Has supplied landfill data		0	5	474715 250769
30	**Local Authority Recorded Landfill Sites** Location: Pianoforte Supplies Limited, Old Quarry, Aston Road, Roade Reference: S13 Authority: South Northamptonshire Council, Environmental Health Department **Last Reported Status: Closed** Types of Waste: Inert, Restricted, Industrial Effluent Treatment Sludge Date of Closure: 31/01/1983 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A16SE (E)	39	4	475350 251028
31	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12SW (SE)	158	-	475118 250400
32	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A8NW (SE)	434	-	475113 250100
33	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A10NW (W)	739	-	473968 250730
34	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A10NW (W)	778	-	473973 250671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/013 Site Location: Old Quarry At Stratford Road, Roade, Northampton, Northamptonshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Operational as far as is knownOperational Dated: 1st August 1996 Preceded By Licence: S/013 Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Industrial Effluent Treatment Sludge Max.Waste Permitted By Licence Sub/Topsoil, Clay, Sand Prohibited Waste: Waste N.O.S.	A12NW (E)	0	3	475273 250815
36	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/013 Site Location: Old Quarry At Stratford Road, Roade, Northampton, Northamptonshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Record supersededSuperseded Dated: 2nd November 1979 Preceded By Licence: Not Given Superseded By Licence: S/013 Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Ind.Eff.Tr'T Sludge (May Be Special) Max.Waste Permitted By Licence Northants Cat. A1 -Solid Inert (Soils) Prohibited Waste: Waste N.O.S.	A12NW (E)	0	3	475287 250844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	A11NE (NW)	0	2	474715 250769
	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	A12NW (E)	0	2	475144 250707
	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	A11NE (NW)	0	2	474715 250769
	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	A16NE (NE)	0	2	475477 251590
	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	A12NW (E)	0	2	475050 250736
	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	A11NE (S)	0	2	474716 250763
	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	A15SE (N)	0	2	474715 251121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NW (E)	0	2	475000 250769
	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	A15NE (N)	30	2	474843 251452
	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	A12SW (SE)	134	2	474996 250488
	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	A12SW (SE)	242	2	475288 250379
	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	A12SE (SE)	265	2	475380 250474
	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	A12SW (SE)	279	2	475298 250338

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A16NE (NE)	350	2	475538 251497
	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	A11SE (S)	362	2	474776 250355
	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	A8NW (SE)	446	2	475000 250129
	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	A8NE (SE)	523	2	475515 250208
	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	A7NE (S)	528	2	474758 250160
	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	A7NE (S)	538	2	474741 250160

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	A7NE (S)	560	2	474726 250158
	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	A7NE (S)	571	2	474911 250000
	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	A7NE (S)	587	2	474687 250138
	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	A7NE (S)	596	2	474896 250000
	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	A7NE (S)	601	2	474862 250000
	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	A7NE (S)	602	2	474659 250148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8SW (S)	622	2	475000 249948
	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	A8NE (SE)	657	2	475471 250000
	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	A8NE (SE)	703	2	475553 250000
	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	A8SE (SE)	730	2	475570 249978
	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	(SE)	817	2	475723 250000
37	**BGS Recorded Mineral Sites** Site Name: Roade Quarries Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 37756 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (E)	121	2	475435 251040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	**BGS Recorded Mineral Sites** Site Name: Stokegap Lodge Gravel Pit Location: , Stoke Bruerne, Towcester, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139811 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SW (SE)	194	2	475129 250364
39	**BGS Recorded Mineral Sites** Site Name: Roade Quarries Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 37757 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	295	2	475575 251150
40	**BGS Recorded Mineral Sites** Site Name: Roade Quarry Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 181239 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	297	2	475475 251252
41	**BGS Recorded Mineral Sites** Site Name: Buttermilk Hall Gravel Pit Location: , Stoke Bruerne, Towcester, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139809 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A10NW (W)	770	2	473934 250736
42	**BGS Recorded Mineral Sites** Site Name: Buttermilk Hall Gravel Pit Location: , Stoke Bruerne, Towcester, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139810 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A10SW (W)	829	2	473932 250652
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475050 250736
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	2	474698 250840
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	0	2	475000 251539
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	2	475000 251458
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250833
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	474716 250763
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	0	2	474715 251121
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475144 250707
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	34	2	475000 251176
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	77	2	475000 250653
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	134	2	474996 250488
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	147	2	475261 250496
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	174	2	474969 251504
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	179	2	475000 251544
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	182	2	475000 250421

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	247	2	475477 251590
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	2	475141 250640
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475202 250854
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	0	2	475477 251590
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	2	475000 251458
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250833
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	474716 250763
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	34	2	475000 251176
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	77	2	475000 250653
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	134	2	474996 250488
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	182	2	475000 250421
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250833
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475050 250736
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475144 250707
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	0	2	474715 251121
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	474716 250763

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	A12NW (E)	0	2	475000 250769
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	30	2	474843 251452
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	34	2	475000 251176
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	77	2	475000 250653
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	134	2	474996 250488
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	179	2	475000 251544
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	0	2	475100 250601
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	2	475000 251376
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250726
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	2	474715 250926
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	474925 250801
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250751
	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	A12SW (SE)	0	2	475100 250601
	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	A16NW (NE)	0	2	475000 251376
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250726

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	A11NE (N)	0	2	474715 250926
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	474925 250801
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	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	A11NE (NW)	0	2	474715 250769
	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	A12NW (E)	0	2	475000 250751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	**Contemporary Trade Directory Entries** Name: H & M Transport Location: 23, Dovecote Road, Roade, NORTHAMPTON, NN7 2NE Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A16NW (N)	153	-	474996 251660
44	**Contemporary Trade Directory Entries** Name: Active Cleaning & Maintenance Services Ltd Location: 47, Hyde Road, Roade, Northampton, NN7 2LU Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A16NW (NE)	331	-	475169 251588
45	**Contemporary Trade Directory Entries** Name: P Chaplin & Sons Ltd Location: The Garage, Stratford Road, Roade, Northampton, NN7 2NJ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16SE (NE)	362	-	475541 251285
46	**Contemporary Trade Directory Entries** Name: Crawford Brewin Location: Stratford Rd, Roade, Northampton, Northamptonshire, NN7 2NJ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A16SE (NE)	363	-	475452 251336
46	**Contemporary Trade Directory Entries** Name: Walkerpack Ltd Location: Stratford Road, Roade, Northampton, Northamptonshire, NN7 2NJ Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16NE (NE)	393	-	475488 251353
47	**Contemporary Trade Directory Entries** Name: Customaid Domestic Cleaning Location: 8, Hoe Way, Roade, Northampton, NN7 2NG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16NW (NE)	483	-	475304 251483
48	**Contemporary Trade Directory Entries** Name: Shred Secure Location: 12, Stratford Road, Roade, Northampton, NN7 2NJ Classification: Recycling Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16NE (NE)	531	-	475445 251515
49	**Contemporary Trade Directory Entries** Name: Safeclean Location: 9, Rookery Lane, Stoke Bruerne, Towcester, Northamptonshire, NN12 7SJ Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (S)	812	-	474513 250017
50	**Fuel Station Entries** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, Northamptonshire, NN7 2NJ Brand: Bp Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A16SE (NE)	348	-	475477 251309
51	**Fuel Station Entries** Name: Roade Main Garage Location: 2-8 Stratford Road, Roade, NORTHAMPTON, Northamptonshire, NN7 2NJ Brand: Gulf Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A16NE (NE)	573	-	475465 251553
52	**Points of Interest - Commercial Services** Name: H & M Transport Location: 23 Dovecote Road, Roade, Northampton, NN7 2NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A16NW (N)	153	6	474996 251660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**Points of Interest - Commercial Services** Name: P Chaplin & Sons Ltd Location: The Garage, Stratford Road, Roade, Northampton, NN7 2NJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A16SE (NE)	362	6	475541 251285
53	**Points of Interest - Commercial Services** Name: Wrefords Transport Location: The Garage, Stratford Road, Roade, Northampton, NN7 2NJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A16SE (NE)	362	6	475541 251285
54	**Points of Interest - Commercial Services** Name: Roade Main Garage Location: 2-8 Stratford Road, Roade, Northampton, NN7 2NJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16NE (NE)	563	6	475444 251556
54	**Points of Interest - Commercial Services** Name: Roade Main Garage Location: 2-8 Stratford Road, Roade, Northampton, NN7 2NJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16NE (NE)	573	6	475465 251553
55	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	468	6	475544 251409
55	**Points of Interest - Manufacturing and Production** Name: Tank Location: NN7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	510	6	475544 251456
56	**Points of Interest - Manufacturing and Production** Name: Works Location: NN7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	572	6	475639 251473
56	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	581	6	475653 251475
57	**Points of Interest - Manufacturing and Production** Name: A J & G Bament Location: 29 Rookery Lane, Stoke Bruerne, Towcester, NN12 7SJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7NE (S)	625	6	474735 250066
57	**Points of Interest - Manufacturing and Production** Name: Rookery Open Farm Location: Rookery Farm 29, Rookery Lane, Stoke Bruerne, Towcester, NN12 7SJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7NE (S)	625	6	474735 250066
58	**Points of Interest - Manufacturing and Production** Name: Works Location: NN12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	840	6	474962 249733
59	**Points of Interest - Public Infrastructure** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	347	6	475478 251307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**Points of Interest - Public Infrastructure** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	347	6	475478 251307
59	**Points of Interest - Public Infrastructure** Name: Shell UK Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	348	6	475477 251309
59	**Points of Interest - Public Infrastructure** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	348	6	475477 251309
60	**Points of Interest - Public Infrastructure** Name: Shred Secure Location: 12 Stratford Road, Roade, Northampton, NN7 2NJ Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A16NE (NE)	531	6	475445 251515
61	**Points of Interest - Public Infrastructure** Name: Filter Beds Location: NN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	796	6	474977 249775
61	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: NN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7SE (S)	843	6	474905 249743
62	**Points of Interest - Recreational and Environmental** Name: Playground Location: Stratford Road, NN7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A16NE (NE)	629	6	475546 251595
62	**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	A16NE (NE)	632	6	475549 251595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(NE)	0	8	475558 252297
64	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A11NE (NW)	0	8	474715 250769
65	**Sites of Special Scientific Interest** Name: Roade Cutting Multiple Areas: N Total Area (m2): 151713.42 Source: Natural England Reference: 1002811 Designation Details: Geological Conservation Review Designation Date: 1st September 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st September 1986 Date Type: Notified	(NE)	0	7	475342 251742

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Northamptonshire Council - Environment Division	August 2013	Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	April 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Water Abstractions Environment Agency - Anglian Region	April 2016	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	April 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	February 2016	Quarterly
Flood Defences		
Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	May 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	May 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Local Authority Landfill Coverage		
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	November 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	May 2013	Annual Rolling Update
Geological	**Version**	**Update Cycle**
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually
Sensitive Land Use	**Version**	**Update Cycle**
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**South Northamptonshire Council - Environmental Health Department** Springfields, Towcester, Northamptonshire, NN12 6AE	Telephone: 0845 2300226 Fax: 01327 359219 Website: www.southnorthants.gov.uk
5	**Northamptonshire County Council** County Hall, Northampton, Northamptonshire, NN1 1DN	Telephone: 0300 126 1000 Website: www.northamptonshire.gov.uk
6	**PointX** 7 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
8	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
90638346_1_1

Customer Reference:
313418

National Grid Reference:
474710, 250770

Slice:
A

Site Area (Ha):
72.92

Search Buffer (m):
1000

Site Details:

Ivydene, Bailey Brooks Lane
Roade
NORTHAMPTON
NN7 2LS

Client Details:

Mrs D Martin
RSK Environment Ltd
Abbey Park
Humber Road
Coventry
CV3 4AQ

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	20
Industrial Land Use	30
Sensitive Land Use	33
Data Currency	34
Data Suppliers	38
Useful Contacts	39

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 the attached 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.

Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 5			7	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 10				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 10				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 11				2 (*6)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 12	Yes	n/a	n/a	n/a
Drift Deposits	pg 13	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Source Protection Zones					
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
Detailed River Network Lines	pg 14	Yes	Yes	Yes	n/a
Detailed River Network Offline Drainage					n/a

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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 18	1			
Licensed Waste Management Facilities (Locations)	pg 18		1		
Local Authority Landfill Coverage	pg 18	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 18		1		
Potentially Infilled Land (Non-Water)	pg 18		1	1	2
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 19	2			
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 24		2	2	2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 26	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 26	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 27	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 27	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 27	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 28	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 28	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 30		1	5	2
Fuel Station Entries	pg 30			1	1
Points of Interest - Commercial Services	pg 30		1	2	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 31			1	6
Points of Interest - Public Infrastructure	pg 31			4	3
Points of Interest - Recreational and Environmental	pg 32				2
Gas Pipelines					
Underground Electrical Cables					

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					
Nitrate Vulnerable Zones	pg 33	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 33	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	(N)	0	2	475150 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474700 251500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474715 251500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	2	475000 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475050 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475050 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	2	474750 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475050 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	474950 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	0	2	475250 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	474900 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475000 252200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	2	474900 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (S)	0	2	474715 250700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (E)	0	2	475000 250800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	0	2	475000 250600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	474800 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475000 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (E)	0	2	475150 250800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	0	2	475250 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475100 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	0	2	475250 250900

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	2	474700 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	2	475050 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475100 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	2	475250 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	474750 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	474350 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	474800 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	475000 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	2	475100 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	2	475150 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	0	2	475500 251550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NW)	0	2	474715 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (NE)	0	2	475000 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474750 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	0	2	474800 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (SE)	0	2	475100 250600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (E)	2	2	475300 250769
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	20	2	474850 251600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	21	2	474850 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	24	2	475150 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	26	2	475150 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	28	2	475200 251150

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	A15NE (N)	37	2	474850 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	65	2	475000 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	66	2	474900 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	66	2	475150 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16SW (NE)	74	2	475200 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (N)	85	2	474900 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	90	2	474950 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (N)	92	2	474900 251450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	96	2	475200 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (S)	98	2	474715 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SE (NE)	112	2	474950 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	117	2	475150 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	131	2	475200 250450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	131	2	475000 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	136	2	475200 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	143	2	475100 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	158	2	475100 250400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	170	2	475100 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16SW (NE)	182	2	475150 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	206	2	475250 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (SE)	210	2	475150 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	214	2	475150 251200

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	A12NE (E)	241	2	475550 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (S)	242	2	474750 250500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (SE)	243	2	475250 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	258	2	475050 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	260	2	475150 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (SE)	271	2	475300 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	276	2	475300 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	278	2	475600 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	287	2	475250 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	296	2	475300 251800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (W)	324	2	474400 250650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	333	2	475250 250250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	342	2	475350 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SE (NE)	344	2	475600 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	363	2	475350 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	376	2	475700 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (S)	379	2	474715 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	381	2	475350 250250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	385	2	475450 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	392	2	475700 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	420	2	475550 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	423	2	475300 250150

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	A12SE (SE)	427	2	475500 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	430	2	475750 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	442	2	474900 250150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (E)	447	2	475600 250500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	451	2	475400 251650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	454	2	475500 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	455	2	475700 250650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (S)	464	2	474850 250150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SE)	471	2	475550 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	496	2	475550 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	497	2	475750 251250
1	**Discharge Consents** Operator: A J & G Bament Property Type: Livestock Production, Food Production Location: Rookery Farm Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Gwclf31025 Permit Version: 1 Effective Date: 31st March 1999 Issued Date: 16th August 2000 Revocation Date: Not Supplied Discharge Type: Agriculture - Livestock Farming Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status:** **Deemed Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 100m	A7NE (S)	339	3	474900 250300
2	**Discharge Consents** Operator: H C Reeman Property Type: Sewage Disposal Works - Other Location: Stoke Hill Cottage, Stoke Bruerne, Northamptonshire, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf14813 Permit Version: 1 Effective Date: 3rd October 2002 Issued Date: 15th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Trib Of River Tove **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	359	3	475100 250200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: R L Underwood Property Type: Sewage Disposal Works - Other Location: Stoke Hill Cottage, Stoke Bruerne, Northamptonshire, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf14813 Permit Version: 1 Effective Date: 3rd October 2002 Issued Date: 15th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Trib Of River Tove **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	359	3	475100 250200
3	**Discharge Consents** Operator: Mr & Mrs T Owen Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	381	3	475300 250220
3	**Discharge Consents** Operator: Mr & Mrs P Dunkley Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	381	3	475300 250220
3	**Discharge Consents** Operator: Mr & Mrs B Carter Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	381	3	475300 250220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Mr P Mccallum & Mrs L Castleton Property Type: Sewage Disposal Works - Other Location: Stoke Gap Lodge, Stoke Bruerne, Northants, Nn12 7sn Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05037 Permit Version: 1 Effective Date: 15th May 1992 Issued Date: 15th May 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NW (SE)	381	3	475300 250220
4	**Discharge Consents** Operator: K F Copleston Property Type: Sewage Disposal Works - Other Location: 5 & 6 Ashton Rd, Stoke Bruerne, Northants, Nn12 7sl Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Prcnf05465 Permit Version: 1 Effective Date: 16th May 1995 Issued Date: 16th May 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary River Tove **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A8NW (SE)	518	3	475130 250040
5	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 3 Effective Date: 18th May 1987 Issued Date: 18th May 1987 Revocation Date: 25th September 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (S)	823	3	474800 249800
5	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 2 Effective Date: 21st October 1981 Issued Date: 21st October 1981 Revocation Date: 17th May 1987 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (S)	823	3	474800 249800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 1 Effective Date: 21st April 1960 Issued Date: 21st April 1960 Revocation Date: 20th October 1981 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (S)	823	3	474800 249800
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 7 Effective Date: 27th February 2015 Issued Date: 27th February 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 6 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 26th February 2015 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 5 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status:** **Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 4 Effective Date: 26th September 2002 Issued Date: 26th September 2002 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	867	3	474900 249720
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewerage Network - Sewers - Water Company Location: Stoke Bruerne Stw Rookery Lane, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf276 Permit Version: 1 Effective Date: 19th June 1961 Issued Date: 19th June 1961 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	889	3	474928 249690
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 7 Effective Date: 27th February 2015 Issued Date: 27th February 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 6 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 26th February 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 5 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680
6	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Stoke Bruerne Stw, Stoke Bruerne, Towcester, Northants, Nn12 7sj Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf183 Permit Version: 4 Effective Date: 26th September 2002 Issued Date: 26th September 2002 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Tove **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7SE (S)	901	3	474920 249680
7	**Local Authority Pollution Prevention and Controls** Name: Roade Service Station Location: Stratford Road, ROADE, Northants, NN12 7LQ Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: 56/1.2/15 Dated: 17th March 2003 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A16SE (NE)	347	4	475478 251307
	Nearest Surface Water Feature	A12NW (E)	0	-	475242 250767
8	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Bedford District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Grand Union Canal Incident Date: 19th October 1992 Incident Reference: 1695 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7SW (S)	974	3	474400 249900
	River Quality Name: Grand Union Canal GQA Grade: River Quality C Reach: Grafton Regis...Blisworth Estimated Distance (km): 10 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A6NE (SW)	876	3	474190 250025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Water Abstractions** Operator: W Irlam Licence Number: 6/33/04/*G/0025 Permit Version: 100 Location: Well At Stoke Gap Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (SE)	663	3	475200 249900
10	**Water Abstractions** Operator: G & E Tarry Licence Number: 6/33/04/*G/0039 Permit Version: 100 Location: Well At Stoke Bruerne 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (S)	732	3	474800 249900
	Water Abstractions Operator: C A Taylor Licence Number: 6/33/04/*G/0026 Permit Version: 100 Location: Well At Stoke Bruerne 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1129	3	474200 249900
	Water Abstractions Operator: Bushell Licence Number: 6/33/04/*G/0015 Permit Version: 100 Location: Well At Stoke Bruerne 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st August 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1211	3	474100 249900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SE (SE)	1277	3	475340 249300
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1558	3	475100 249000
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1854	3	475360 248720
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*s/011 Permit Version: Not Supplied Location: Catchpit - Fed By River Tove., ROADE Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 61 Yearly Rate (m3): 227270 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1966	3	475300 248600
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A11NE (NW)	0	3	474715 250769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A12NW (E)	0	3	475000 250734
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A11NE (E)	0	3	474953 250848
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A15SW (NW)	0	3	474425 251209
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	(N)	0	3	475128 252369
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	A11NE (N)	0	3	474698 250813
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A11NE (NW)	0	2	474715 250769
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A12NW (E)	0	2	475000 250769
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A12NW (E)	0	2	475050 250736
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A12NW (E)	0	2	475144 250707
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A15SE (N)	0	2	474715 251121
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A11NE (NW)	0	2	474715 250769
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A16NW (NE)	0	2	475000 251458
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A12NW (E)	0	2	475000 250833
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A16NE (NE)	0	2	475477 251590
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences None				
11	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NW (E)	0	3	475232 250706
12	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	0	3	474896 251351
13	**Detailed River Network Lines** River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	81	3	474898 251350
14	**Detailed River Network Lines** River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15SE (NE)	95	3	474967 251321
15	**Detailed River Network Lines** River Type: Tertiary River River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	A16SE (E)	95	3	475414 251020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Detailed River Network Lines** River Type: Lake/Reservoir River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	95	3	474912 251346
17	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A15NE (N)	101	3	474913 251364
18	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A16SW (NE)	185	3	475048 251296
19	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12SE (SE)	222	3	475334 250476
20	**Detailed River Network Lines** River Type: Tertiary River River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12SE (SE)	222	3	475334 250476
21	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	233	3	475552 250934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	259	3	475583 250986
23	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	277	3	475600 250955
24	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12NE (E)	293	3	475617 250965
25	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A12SE (E)	408	3	475556 250508
26	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	(NE)	432	3	475673 251255
27	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	A16SE (NE)	444	3	475661 251285

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Pianoforte Supplies - Old Quarry Licence Number: 70645 Location: Old Quarry, Stratford Road, Roade, Northants, NN7 2NJ Licence Holder: Pianoforte Supplies Ltd Authority: Environment Agency - Anglian Region, Central Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied **Licence Status: Issued** Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12NW (E)	0	3	475276 250818
29	**Licensed Waste Management Facilities (Locations)** Licence Number: 70645 Location: Old Quarry, Stratford Road, Roade, Northamptonshire, NN7 2NJ Operator Name: Pianoforte Supplies Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Central Area Site Category: Household, Commercial And Industrial Waste Landfills **Licence Status: Issued** Issued: 2nd November 1979 Last Modified: 23rd June 1997 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16SE (E)	45	3	475353 251030
	Local Authority Landfill Coverage Name: South Northamptonshire District Council - Has supplied landfill data		0	4	474715 250769
	Local Authority Landfill Coverage Name: Northamptonshire County Council - Has supplied landfill data		0	5	474715 250769
30	**Local Authority Recorded Landfill Sites** Location: Pianoforte Supplies Limited, Old Quarry, Aston Road, Roade Reference: S13 Authority: South Northamptonshire Council, Environmental Health Department **Last Reported Status: Closed** Types of Waste: Inert, Restricted, Industrial Effluent Treatment Sludge Date of Closure: 31/01/1983 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A16SE (E)	39	4	475350 251028
31	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12SW (SE)	158	-	475118 250400
32	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A8NW (SE)	434	-	475113 250100
33	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A10NW (W)	739	-	473968 250730
34	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A10NW (W)	778	-	473973 250671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/013 Site Location: Old Quarry At Stratford Road, Roade, Northampton, Northamptonshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Operational as far as is knownOperational Dated: 1st August 1996 Preceded By Licence: S/013 Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Industrial Effluent Treatment Sludge Max.Waste Permitted By Licence Sub/Topsoil, Clay, Sand Prohibited Waste: Waste N.O.S.	A12NW (E)	0	3	475273 250815
36	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/013 Site Location: Old Quarry At Stratford Road, Roade, Northampton, Northamptonshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Record supersededSuperseded Dated: 2nd November 1979 Preceded By Licence: Not Given Superseded By Licence: S/013 Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Ind.Eff.Tr'T Sludge (May Be Special) Max.Waste Permitted By Licence Northants Cat. A1 -Solid Inert (Soils) Prohibited Waste: Waste N.O.S.	A12NW (E)	0	3	475287 250844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	A11NE (NW)	0	2	474715 250769
	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	A12NW (E)	0	2	475144 250707
	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	A11NE (NW)	0	2	474715 250769
	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	A16NE (NE)	0	2	475477 251590
	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	A12NW (E)	0	2	475050 250736
	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	A11NE (S)	0	2	474716 250763
	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	A15SE (N)	0	2	474715 251121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NW (E)	0	2	475000 250769
	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	A15NE (N)	30	2	474843 251452
	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	A12SW (SE)	134	2	474996 250488
	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	A12SW (SE)	242	2	475288 250379
	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	A12SE (SE)	265	2	475380 250474
	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	A12SW (SE)	279	2	475298 250338

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A16NE (NE)	350	2	475538 251497
	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	A11SE (S)	362	2	474776 250355
	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	A8NW (SE)	446	2	475000 250129
	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	A8NE (SE)	523	2	475515 250208
	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	A7NE (S)	528	2	474758 250160
	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	A7NE (S)	538	2	474741 250160

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	A7NE (S)	560	2	474726 250158
	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	A7NE (S)	571	2	474911 250000
	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	A7NE (S)	587	2	474687 250138
	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	A7NE (S)	596	2	474896 250000
	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	A7NE (S)	601	2	474862 250000
	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	A7NE (S)	602	2	474659 250148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8SW (S)	622	2	475000 249948
	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	A8NE (SE)	657	2	475471 250000
	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	A8NE (SE)	703	2	475553 250000
	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	A8SE (SE)	730	2	475570 249978
	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	(SE)	817	2	475723 250000
37	**BGS Recorded Mineral Sites** Site Name: Roade Quarries Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 37756 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (E)	121	2	475435 251040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	**BGS Recorded Mineral Sites** Site Name: Stokegap Lodge Gravel Pit Location: , Stoke Bruerne, Towcester, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139811 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SW (SE)	194	2	475129 250364
39	**BGS Recorded Mineral Sites** Site Name: Roade Quarries Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 37757 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	295	2	475575 251150
40	**BGS Recorded Mineral Sites** Site Name: Roade Quarry Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 181239 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	297	2	475475 251252
41	**BGS Recorded Mineral Sites** Site Name: Buttermilk Hall Gravel Pit Location: , Stoke Bruerne, Towcester, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139809 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A10NW (W)	770	2	473934 250736
42	**BGS Recorded Mineral Sites** Site Name: Buttermilk Hall Gravel Pit Location: , Stoke Bruerne, Towcester, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139810 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A10SW (W)	829	2	473932 250652
	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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475050 250736
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	2	474698 250840
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	0	2	475000 251539
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	2	475000 251458
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250833
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	474716 250763
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	0	2	474715 251121
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475144 250707
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	34	2	475000 251176
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	77	2	475000 250653
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	134	2	474996 250488
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	147	2	475261 250496
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	174	2	474969 251504
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	179	2	475000 251544
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	182	2	475000 250421

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	247	2	475477 251590
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	2	475141 250640
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475202 250854
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	0	2	475477 251590
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	2	475000 251458
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250833
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	474716 250763
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	34	2	475000 251176
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	77	2	475000 250653
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	134	2	474996 250488
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	182	2	475000 250421
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250833
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475050 250736
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475144 250707
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	0	2	474715 251121
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (S)	0	2	474716 250763

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	A12NW (E)	0	2	475000 250769
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NE (N)	30	2	474843 251452
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16SW (NE)	34	2	475000 251176
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	77	2	475000 250653
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	134	2	474996 250488
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	179	2	475000 251544
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12SW (SE)	0	2	475100 250601
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	0	2	475000 251376
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250726
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (N)	0	2	474715 250926
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	474925 250801
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 3 and 5% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A11NE (NW)	0	2	474715 250769
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250751
	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	A12SW (SE)	0	2	475100 250601
	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	A16NW (NE)	0	2	475000 251376
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250726

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	A11NE (N)	0	2	474715 250926
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	2	474925 250801
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A12NW (E)	0	2	475000 250769
	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	A11NE (NW)	0	2	474715 250769
	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	A12NW (E)	0	2	475000 250751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	**Contemporary Trade Directory Entries** Name: H & M Transport Location: 23, Dovecote Road, Roade, NORTHAMPTON, NN7 2NE Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A16NW (N)	153	-	474996 251660
44	**Contemporary Trade Directory Entries** Name: Active Cleaning & Maintenance Services Ltd Location: 47, Hyde Road, Roade, Northampton, NN7 2LU Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A16NW (NE)	331	-	475169 251588
45	**Contemporary Trade Directory Entries** Name: P Chaplin & Sons Ltd Location: The Garage, Stratford Road, Roade, Northampton, NN7 2NJ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16SE (NE)	362	-	475541 251285
46	**Contemporary Trade Directory Entries** Name: Crawford Brewin Location: Stratford Rd, Roade, Northampton, Northamptonshire, NN7 2NJ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A16SE (NE)	363	-	475452 251336
46	**Contemporary Trade Directory Entries** Name: Walkerpack Ltd Location: Stratford Road, Roade, Northampton, Northamptonshire, NN7 2NJ Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16NE (NE)	393	-	475488 251353
47	**Contemporary Trade Directory Entries** Name: Customaid Domestic Cleaning Location: 8, Hoe Way, Roade, Northampton, NN7 2NG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16NW (NE)	483	-	475304 251483
48	**Contemporary Trade Directory Entries** Name: Shred Secure Location: 12, Stratford Road, Roade, Northampton, NN7 2NJ Classification: Recycling Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A16NE (NE)	531	-	475445 251515
49	**Contemporary Trade Directory Entries** Name: Safeclean Location: 9, Rookery Lane, Stoke Bruerne, Towcester, Northamptonshire, NN12 7SJ Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (S)	812	-	474513 250017
50	**Fuel Station Entries** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, Northamptonshire, NN7 2NJ Brand: Bp Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A16SE (NE)	348	-	475477 251309
51	**Fuel Station Entries** Name: Roade Main Garage Location: 2-8 Stratford Road, Roade, NORTHAMPTON, Northamptonshire, NN7 2NJ Brand: Gulf Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A16NE (NE)	573	-	475465 251553
52	**Points of Interest - Commercial Services** Name: H & M Transport Location: 23 Dovecote Road, Roade, Northampton, NN7 2NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A16NW (N)	153	6	474996 251660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**Points of Interest - Commercial Services** Name: P Chaplin & Sons Ltd Location: The Garage, Stratford Road, Roade, Northampton, NN7 2NJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A16SE (NE)	362	6	475541 251285
53	**Points of Interest - Commercial Services** Name: Wrefords Transport Location: The Garage, Stratford Road, Roade, Northampton, NN7 2NJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A16SE (NE)	362	6	475541 251285
54	**Points of Interest - Commercial Services** Name: Roade Main Garage Location: 2-8 Stratford Road, Roade, Northampton, NN7 2NJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16NE (NE)	563	6	475444 251556
54	**Points of Interest - Commercial Services** Name: Roade Main Garage Location: 2-8 Stratford Road, Roade, Northampton, NN7 2NJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A16NE (NE)	573	6	475465 251553
55	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	468	6	475544 251409
55	**Points of Interest - Manufacturing and Production** Name: Tank Location: NN7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	510	6	475544 251456
56	**Points of Interest - Manufacturing and Production** Name: Works Location: NN7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	572	6	475639 251473
56	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	581	6	475653 251475
57	**Points of Interest - Manufacturing and Production** Name: A J & G Bament Location: 29 Rookery Lane, Stoke Bruerne, Towcester, NN12 7SJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7NE (S)	625	6	474735 250066
57	**Points of Interest - Manufacturing and Production** Name: Rookery Open Farm Location: Rookery Farm 29, Rookery Lane, Stoke Bruerne, Towcester, NN12 7SJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7NE (S)	625	6	474735 250066
58	**Points of Interest - Manufacturing and Production** Name: Works Location: NN12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	840	6	474962 249733
59	**Points of Interest - Public Infrastructure** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	347	6	475478 251307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**Points of Interest - Public Infrastructure** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	347	6	475478 251307
59	**Points of Interest - Public Infrastructure** Name: Shell UK Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	348	6	475477 251309
59	**Points of Interest - Public Infrastructure** Name: Roade Service Station Location: Stratford Road, Roade, Northampton, NN7 2NJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A16SE (NE)	348	6	475477 251309
60	**Points of Interest - Public Infrastructure** Name: Shred Secure Location: 12 Stratford Road, Roade, Northampton, NN7 2NJ Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A16NE (NE)	531	6	475445 251515
61	**Points of Interest - Public Infrastructure** Name: Filter Beds Location: NN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	796	6	474977 249775
61	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: NN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7SE (S)	843	6	474905 249743
62	**Points of Interest - Recreational and Environmental** Name: Playground Location: Stratford Road, NN7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A16NE (NE)	629	6	475546 251595
62	**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	A16NE (NE)	632	6	475549 251595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(NE)	0	8	475558 252297
64	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A11NE (NW)	0	8	474715 250769
65	**Sites of Special Scientific Interest** Name: Roade Cutting Multiple Areas: N Total Area (m2): 151713.42 Source: Natural England Reference: 1002811 Designation Details: Geological Conservation Review Designation Date: 1st September 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st September 1986 Date Type: Notified	(NE)	0	7	475342 251742

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Northamptonshire Council - Environment Division	August 2013	Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	April 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Water Abstractions Environment Agency - Anglian Region	April 2016	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	April 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	February 2016	Quarterly
Flood Defences		
Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines		
Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage		
Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability		
Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	May 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	May 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Local Authority Landfill Coverage		
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	November 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	May 2013	Annual Rolling Update
Geological	**Version**	**Update Cycle**
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually
Sensitive Land Use	**Version**	**Update Cycle**
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**South Northamptonshire Council - Environmental Health Department** Springfields, Towcester, Northamptonshire, NN12 6AE	Telephone: 0845 2300226 Fax: 01327 359219 Website: www.southnorthants.gov.uk
5	**Northamptonshire County Council** County Hall, Northampton, Northamptonshire, NN1 1DN	Telephone: 0300 126 1000 Website: www.northamptonshire.gov.uk
6	**PointX** 7 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
8	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	ODT	Oadby Member	Diamicton	Anglian - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Aalenian - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
		Faults		

Envirocheck® Geology

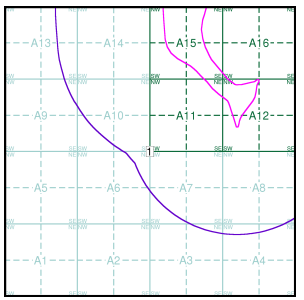
Geology 1:50,000 Maps

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

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**202**
Map Name:	**Towcester**
Map Date:	**1969**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



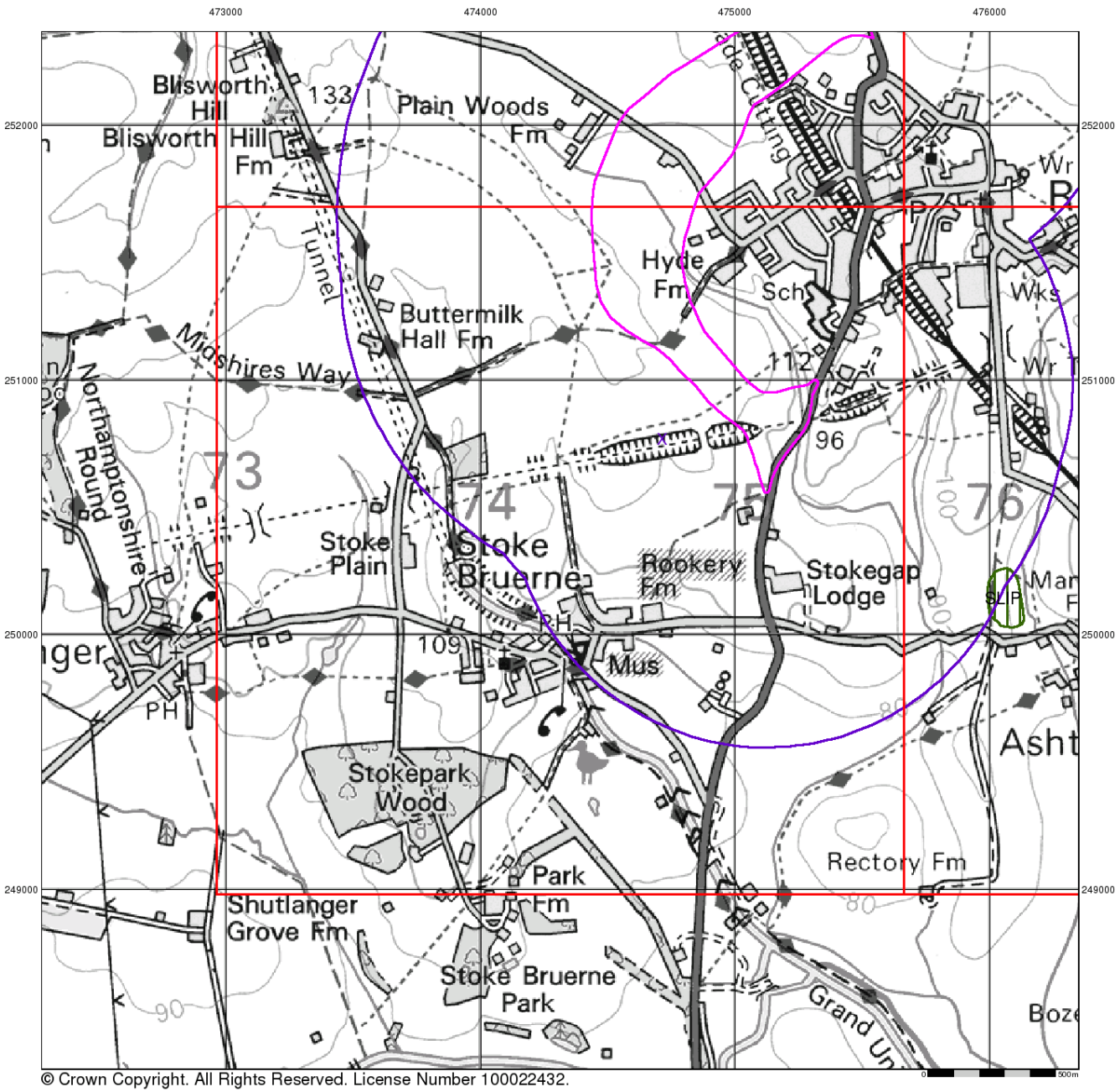
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Envirocheck® Geology

Artificial Ground and Landslip

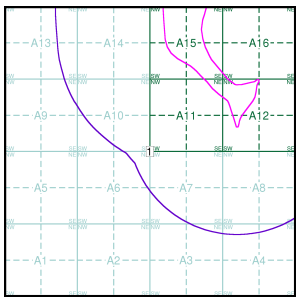
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



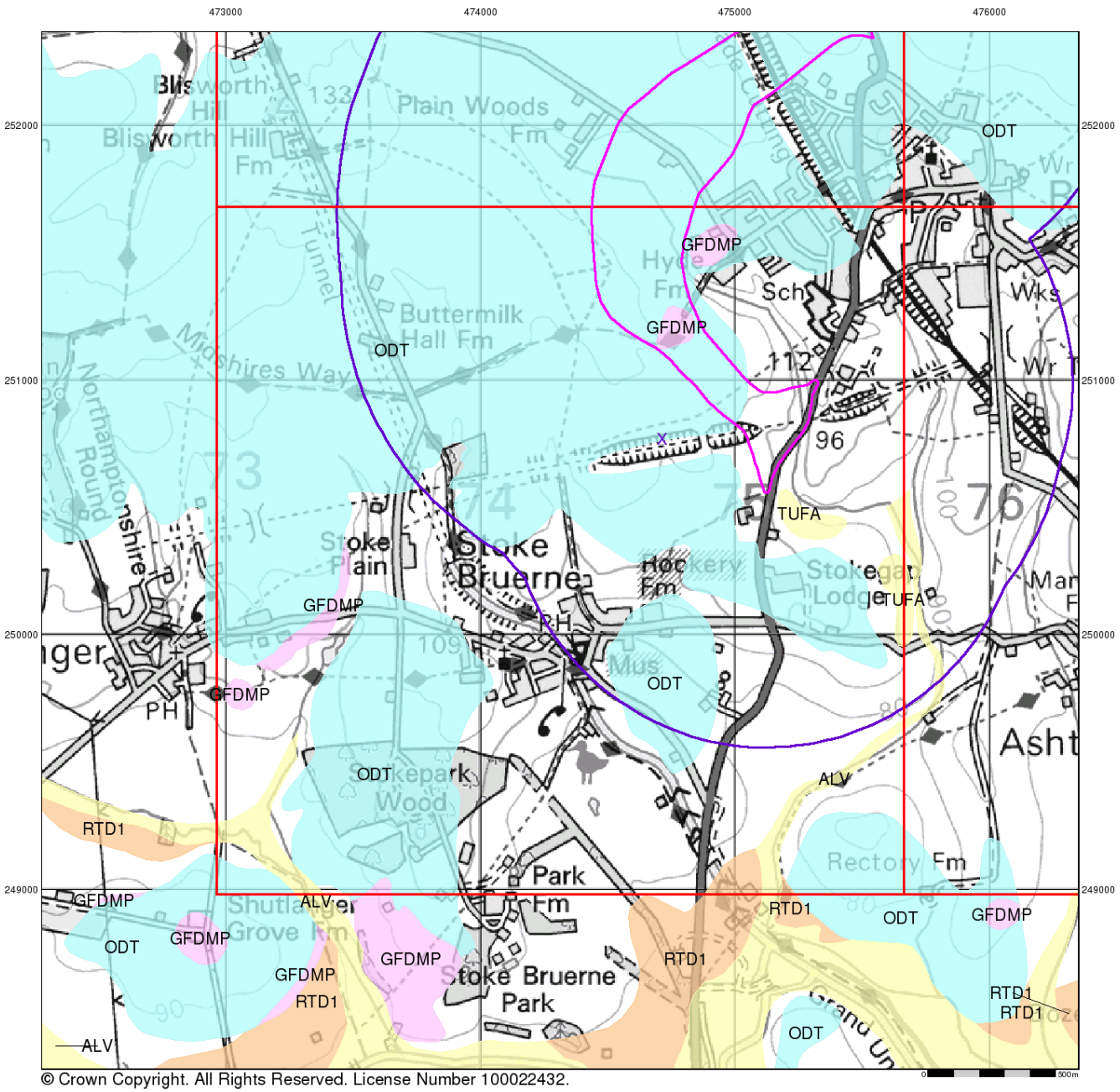
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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



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Envirocheck® Geology

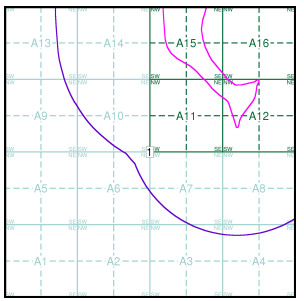
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



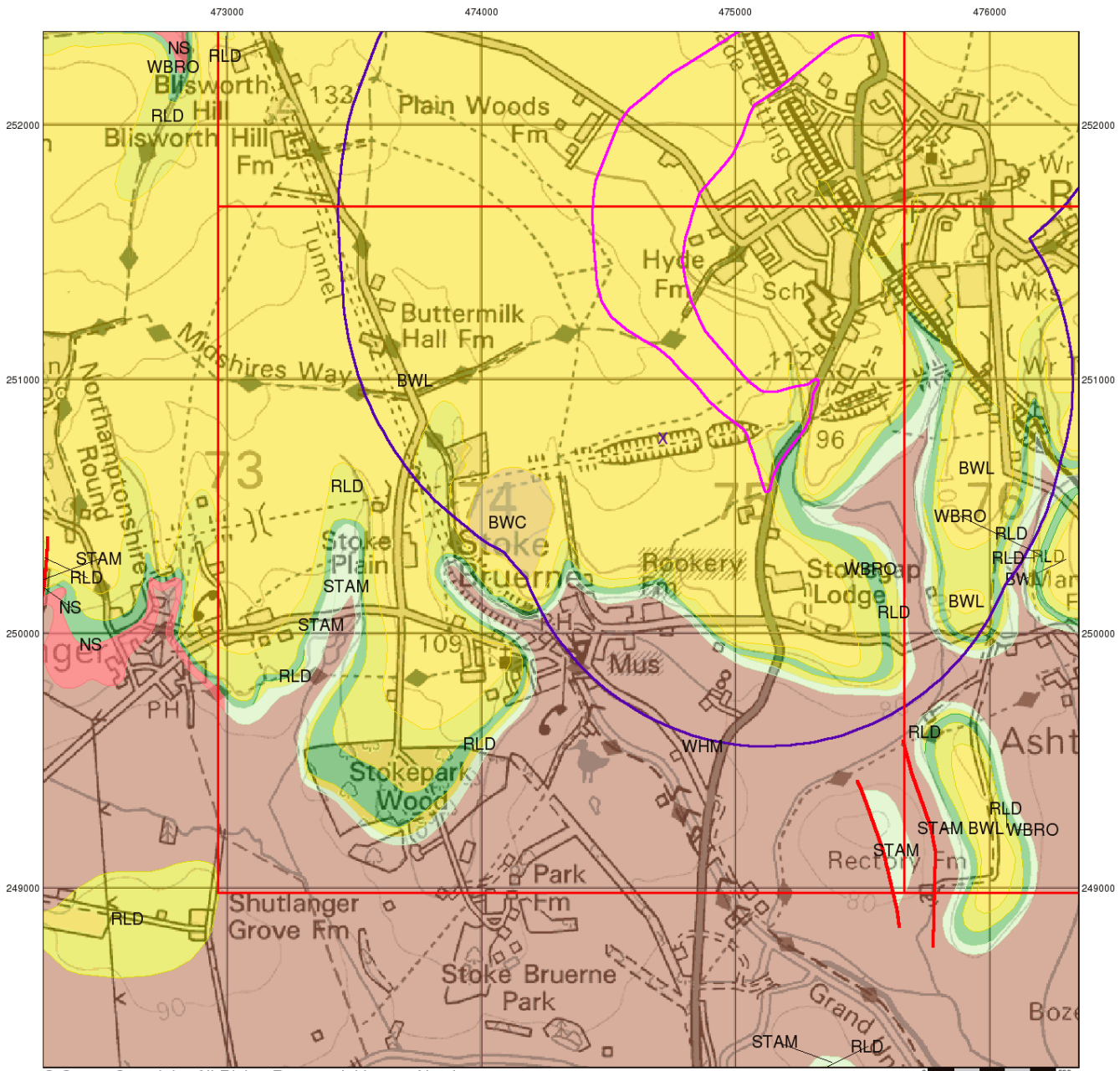
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
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Site Details:

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Envirocheck® Geology

Bedrock and Faults

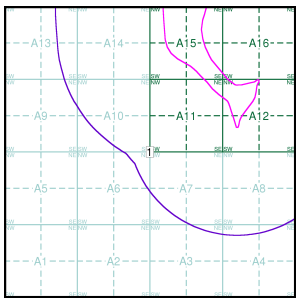
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



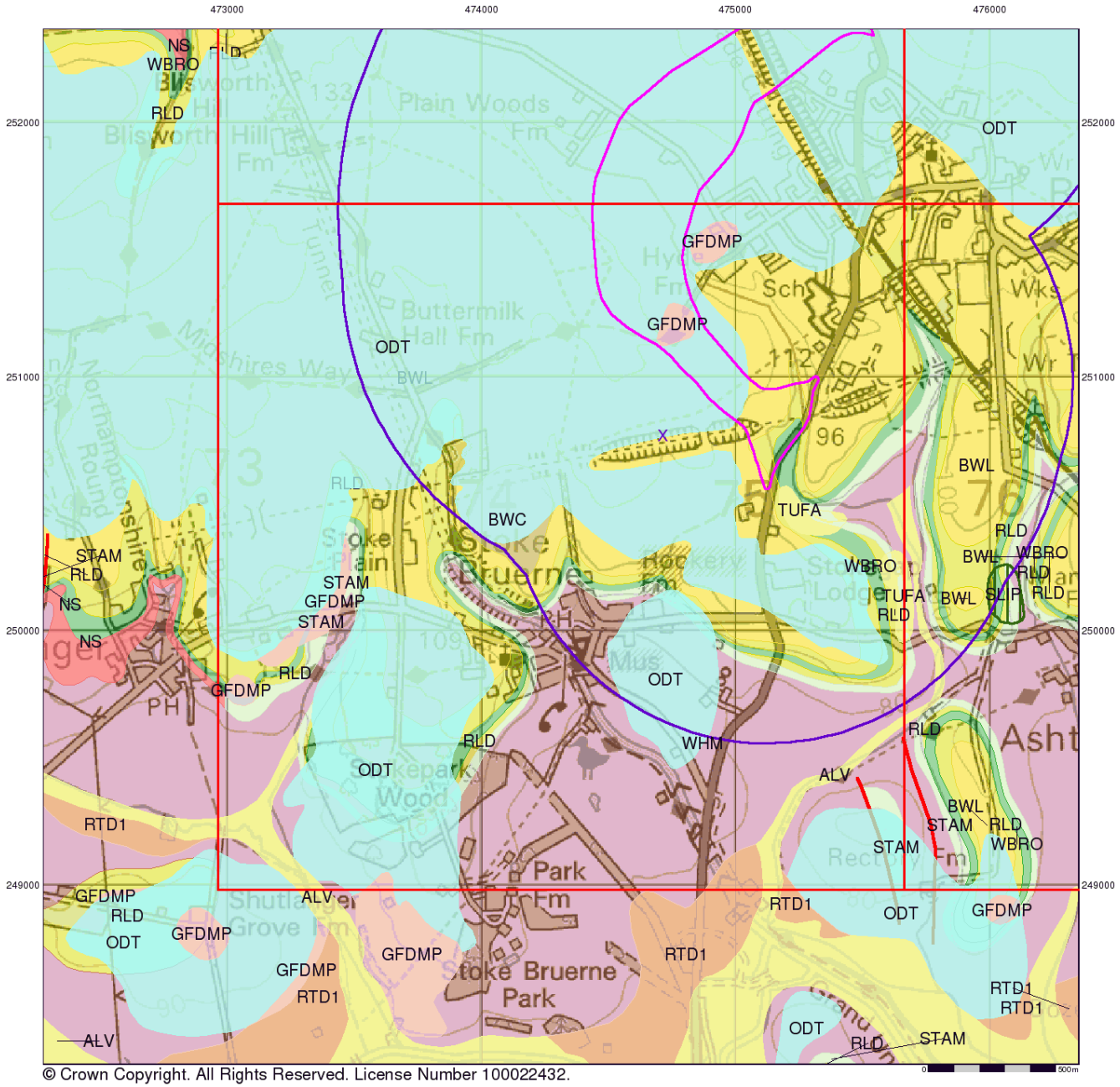
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Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Envirocheck® Geology

Combined Surface Geology

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

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

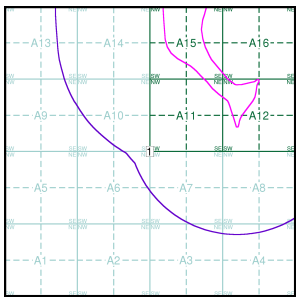
Additional Information

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Contact

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

Combined Geology Map - Slice A



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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	ODT	Oadby Member	Diamicton	Anglian - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Aalenian - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
		Faults		

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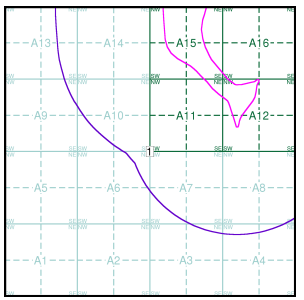
Geology 1:50,000 Maps

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

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**202**
Map Name:	**Towcester**
Map Date:	**1969**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



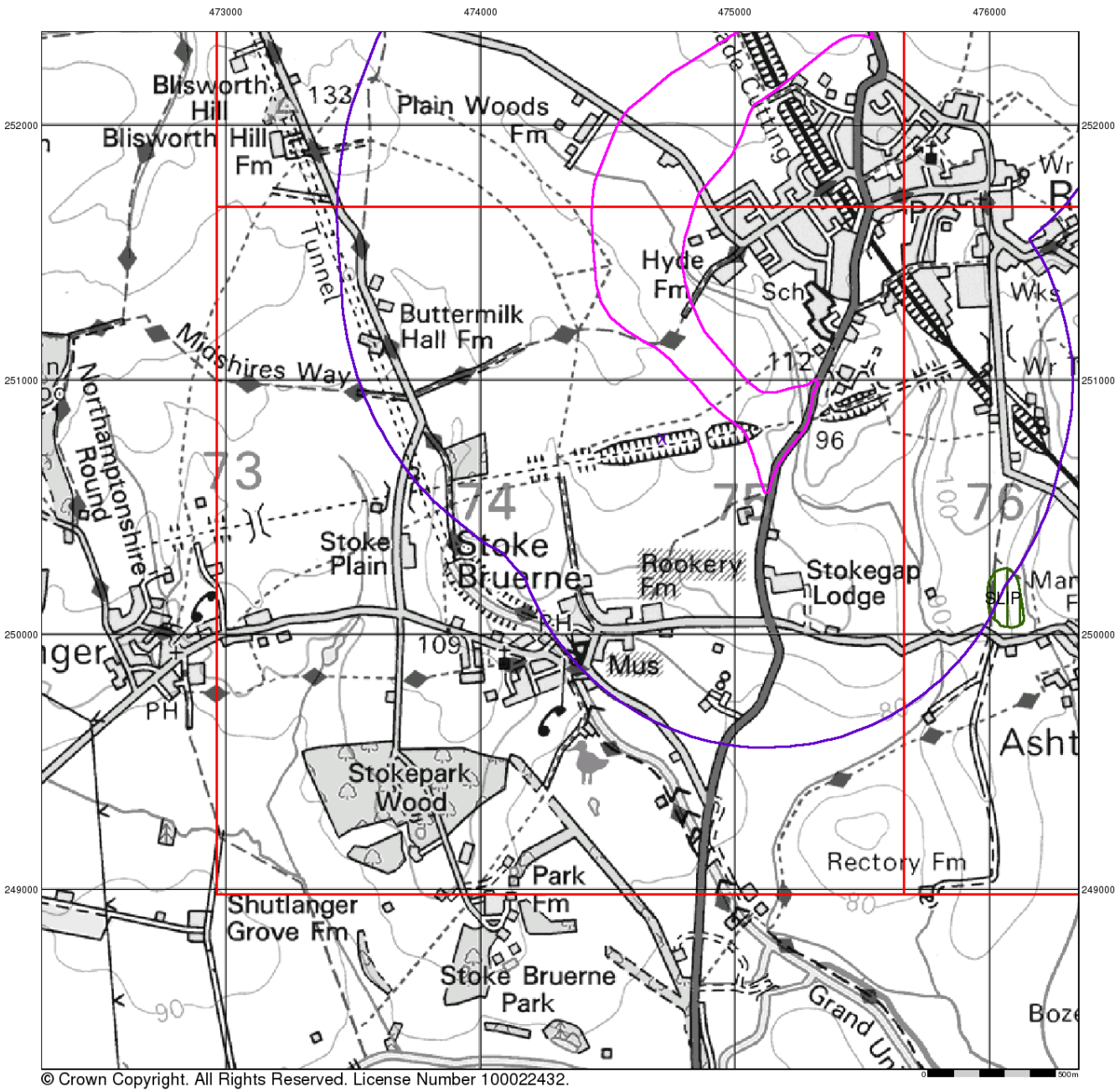
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Envirocheck® Geology

Artificial Ground and Landslip

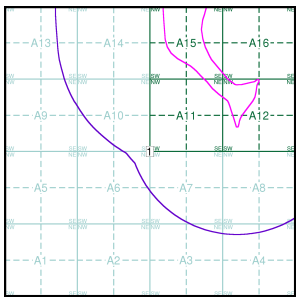
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



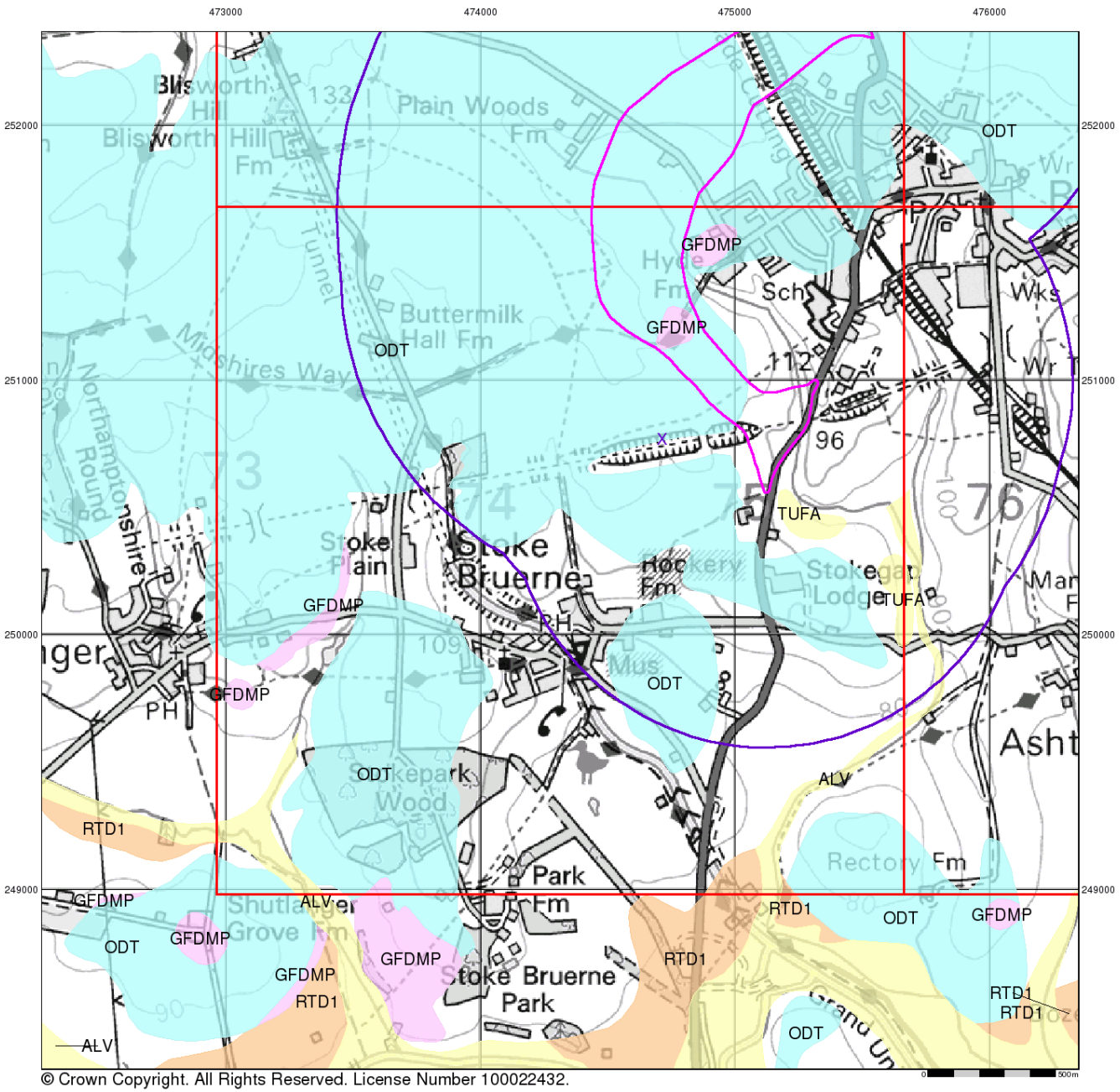
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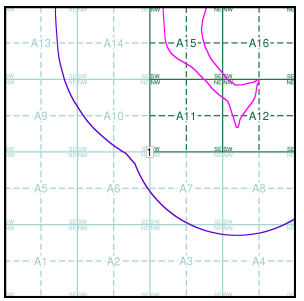
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



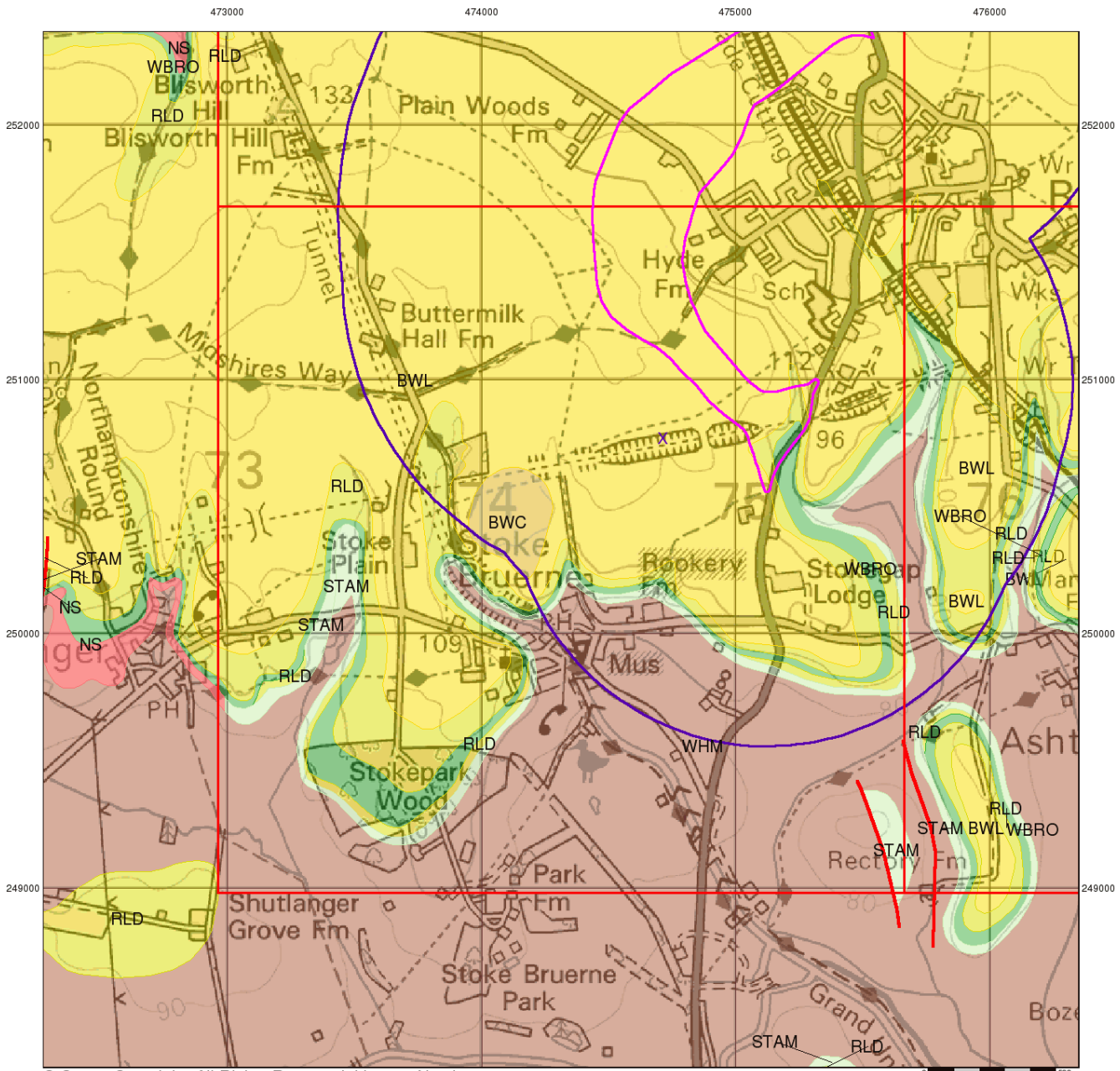
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Envirocheck® Geology

Bedrock and Faults

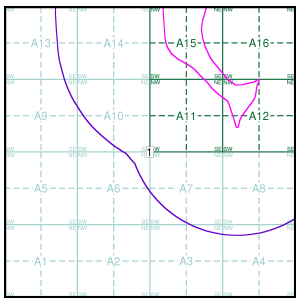
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



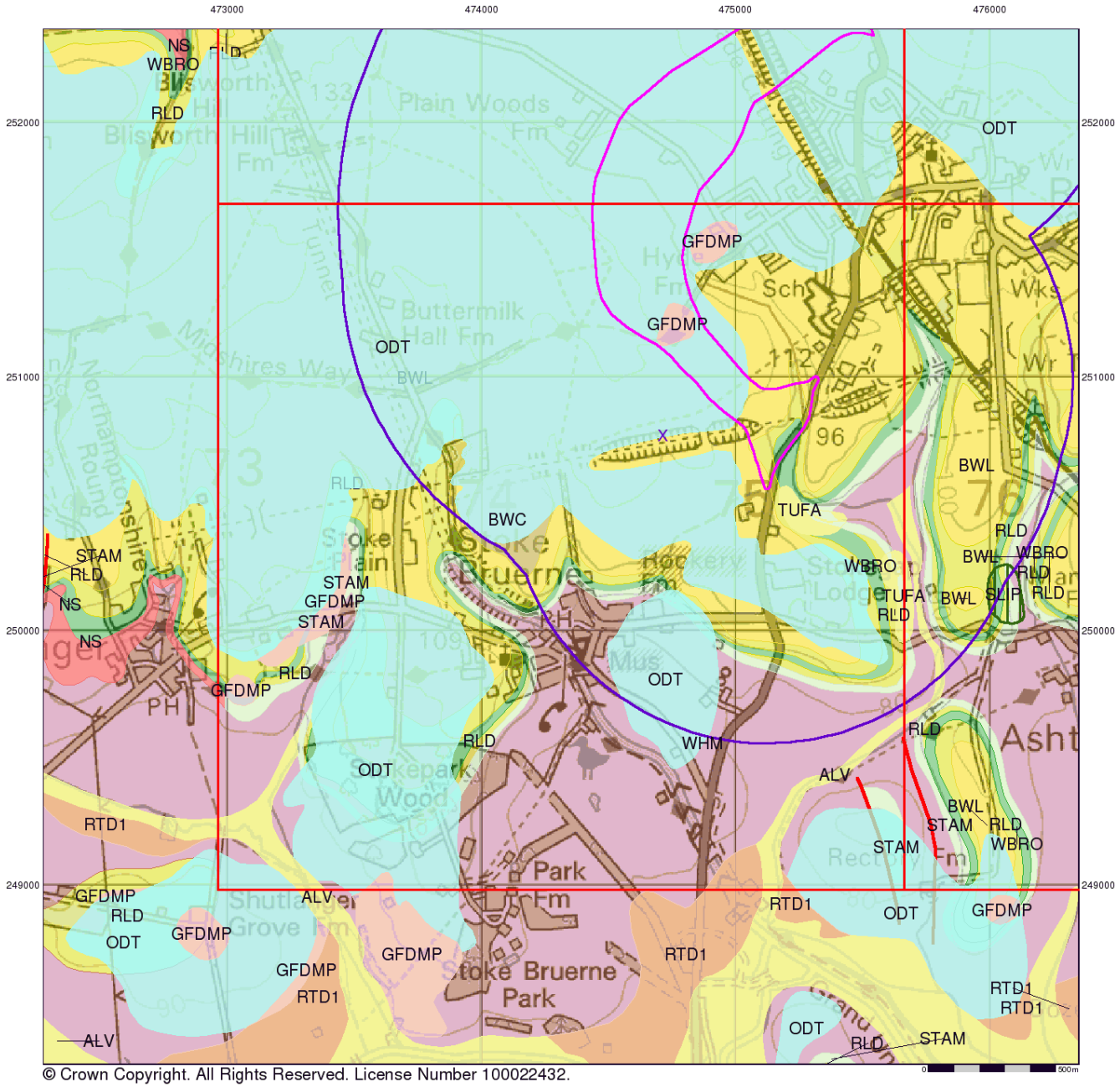
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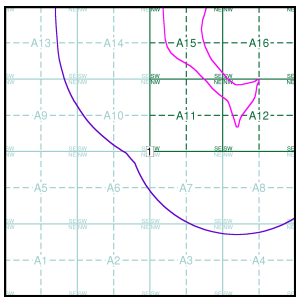
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Combined Geology Map - Slice A



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

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

1:10,000 Raster Mapping

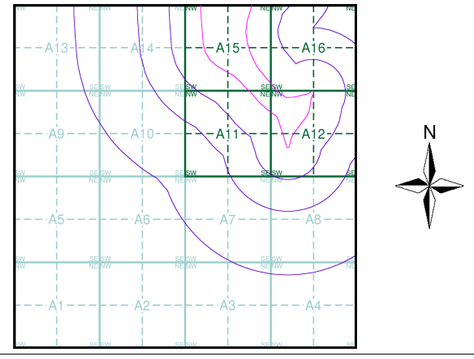
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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
Northamptonshire	1:10,560	1883 - 1884	2
Buckinghamshire	1:10,560	1885	3
Buckinghamshire	1:10,560	1900	4
Northamptonshire	1:10,560	1900	5
Northamptonshire	1:10,560	1900	6
Historical Aerial Photography	1:10,560	1949	7
Buckinghamshire	1:10,560	1952	8
Northamptonshire	1:10,560	1952	9
Ordnance Survey Plan	1:10,000	1958	10
Ordnance Survey Plan	1:10,000	1966 - 1969	11
Ordnance Survey Plan	1:10,000	1970	12
Ordnance Survey Plan	1:10,000	1982 - 1986	13
Ordnance Survey Plan	1:10,000	1990	14
Ordnance Survey Plan	1:10,000	1993	15
10K Raster Mapping	1:10,000	1999	16
Historical Aerial Photography	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2016	19

Historical Map - Slice A



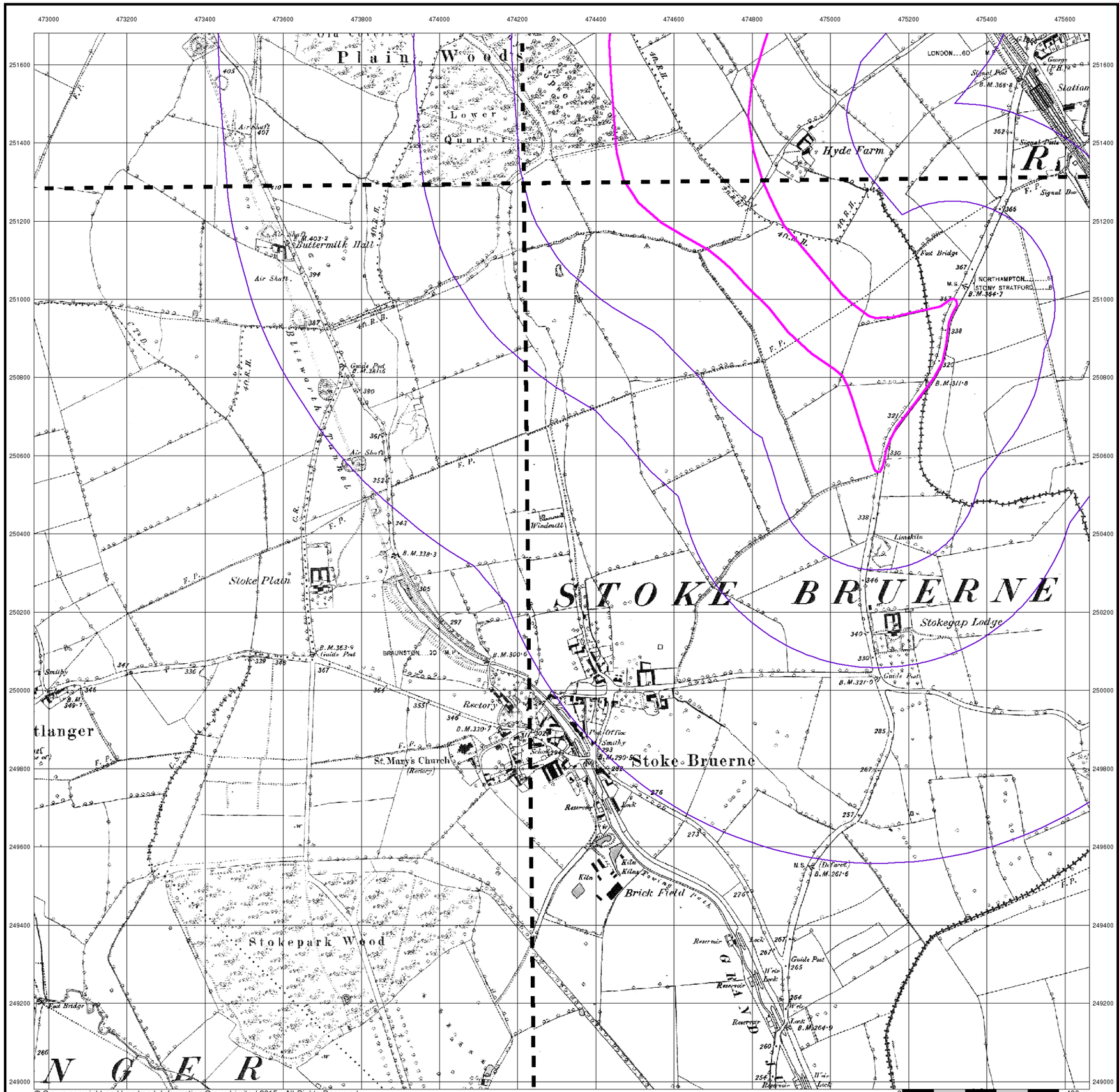
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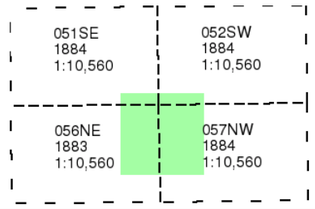
Northamptonshire

Published 1883 - 1884

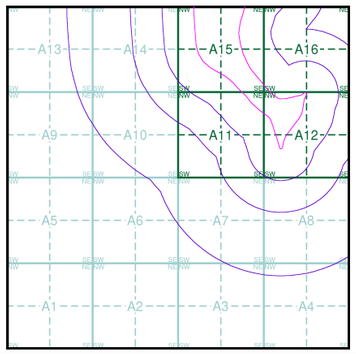
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

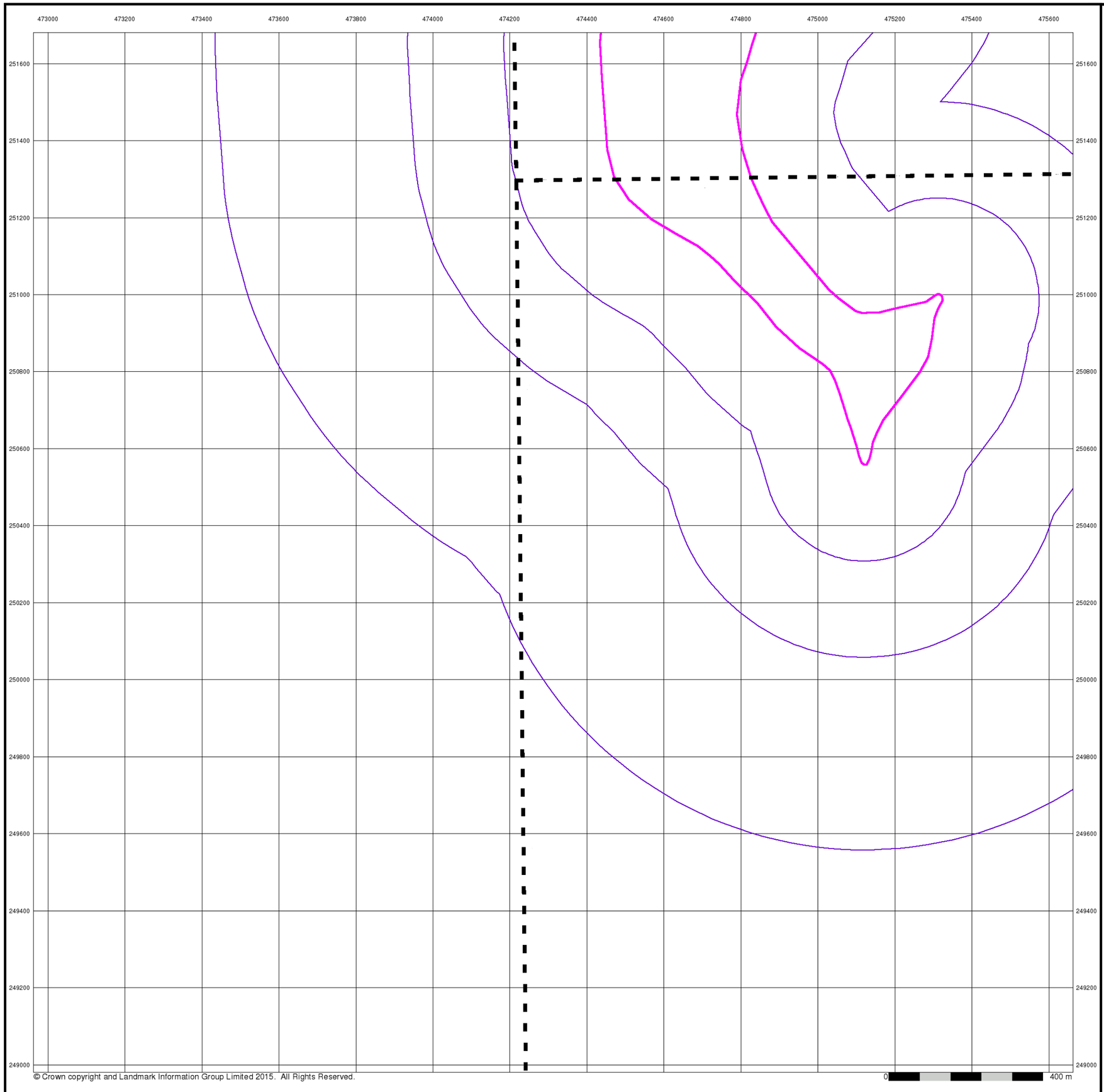


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Buckinghamshire

Published 1885

Source map scale - 1:10,560

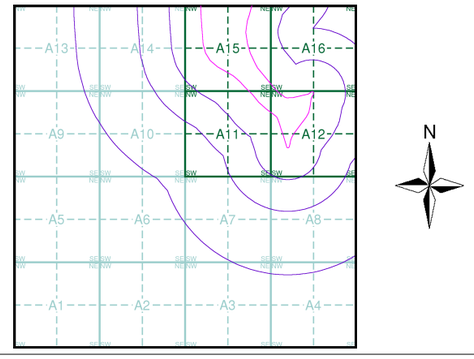
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Map Name(s) and Date(s)

00100
1885
1:10,560

00400
1885
1:10,560

Historical Map - Slice A



Order Details

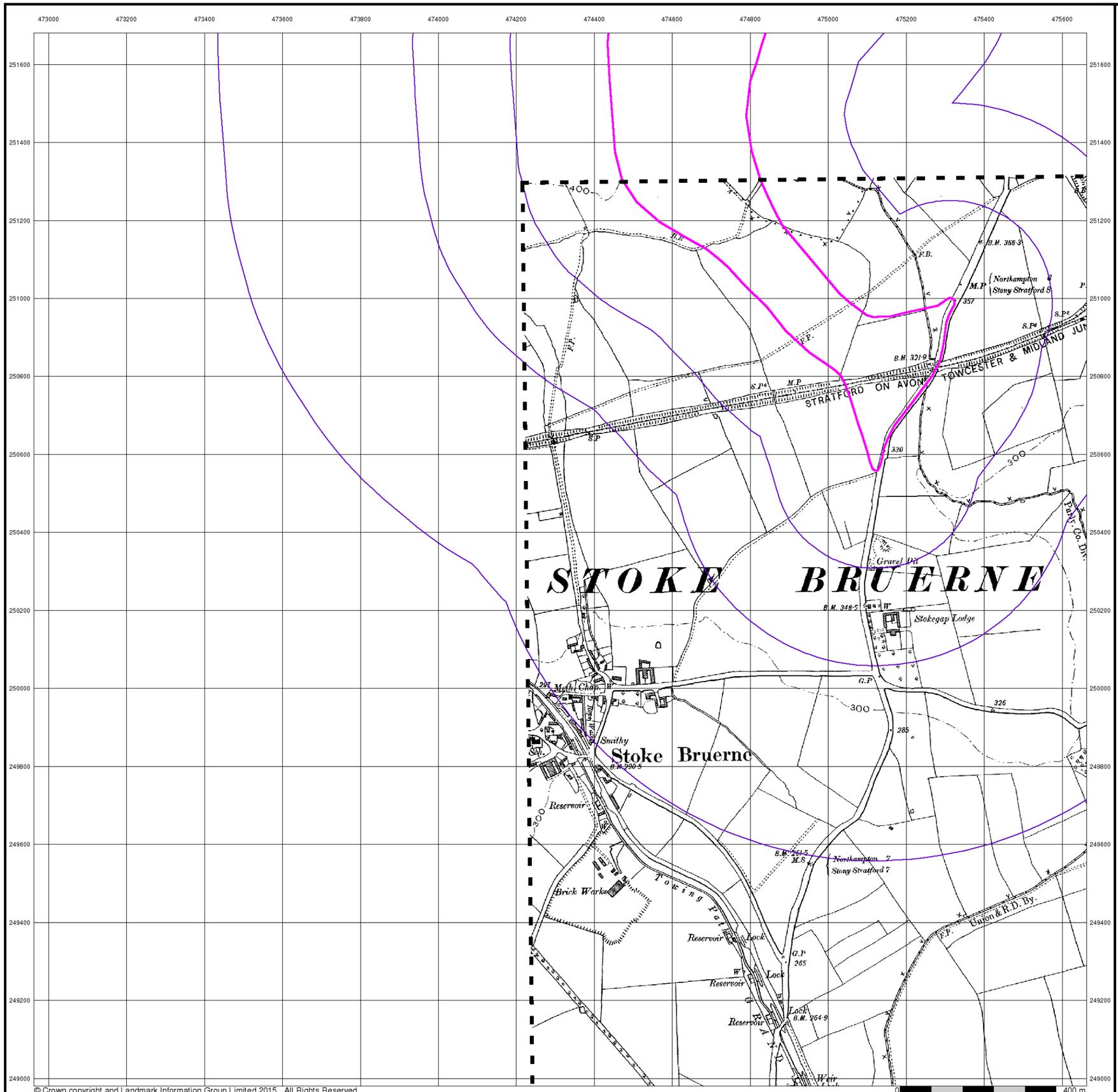
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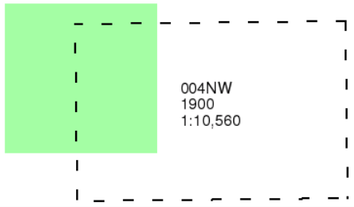
Buckinghamshire

Published 1900

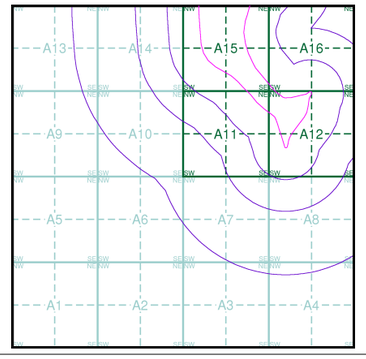
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

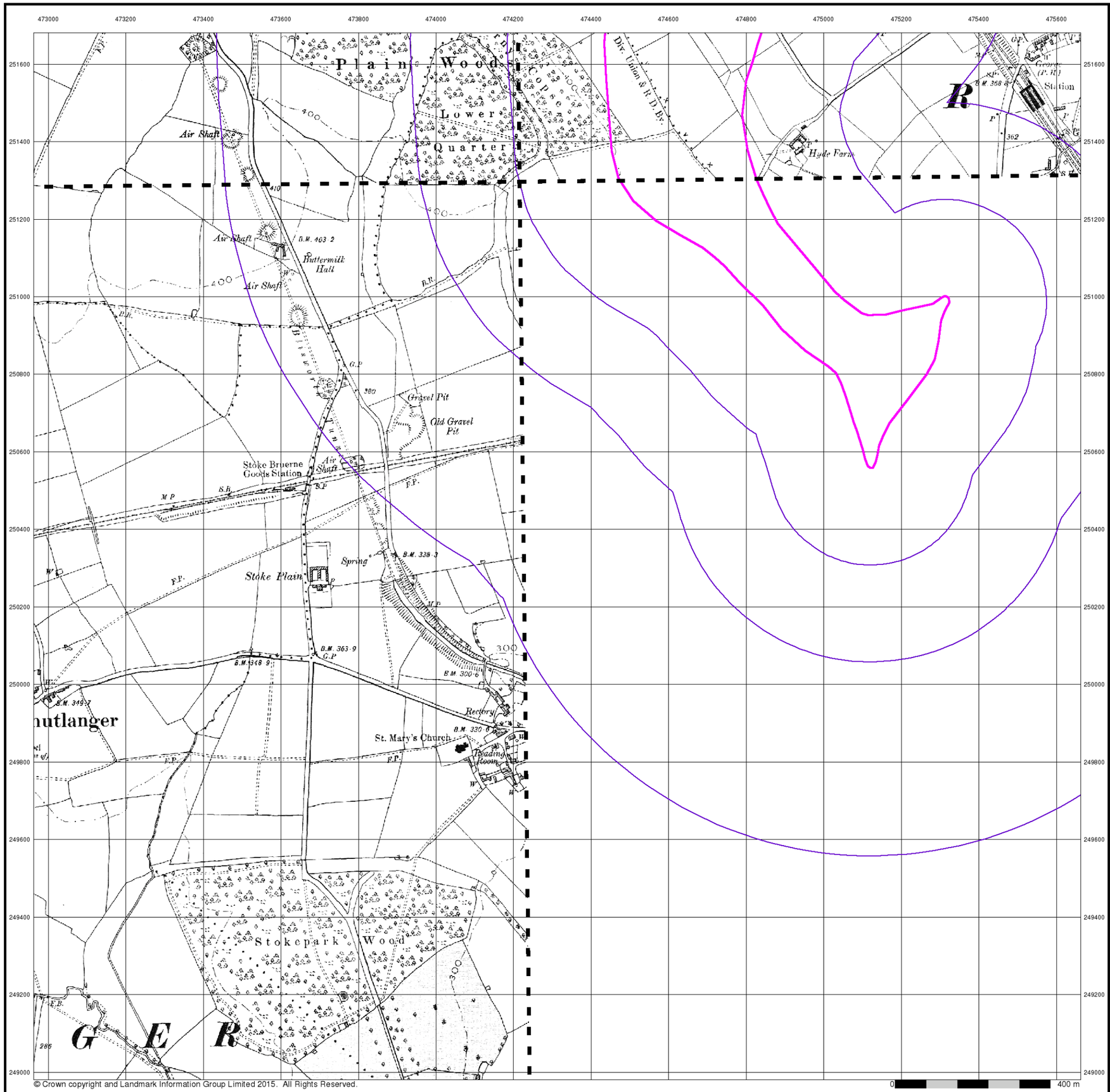
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Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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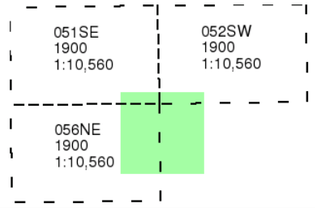
Northamptonshire

Published 1900

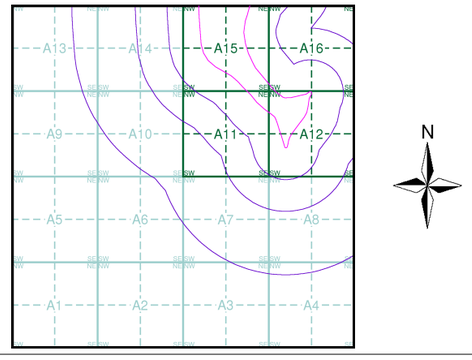
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Map Name(s) and Date(s)



Historical Map - Slice A



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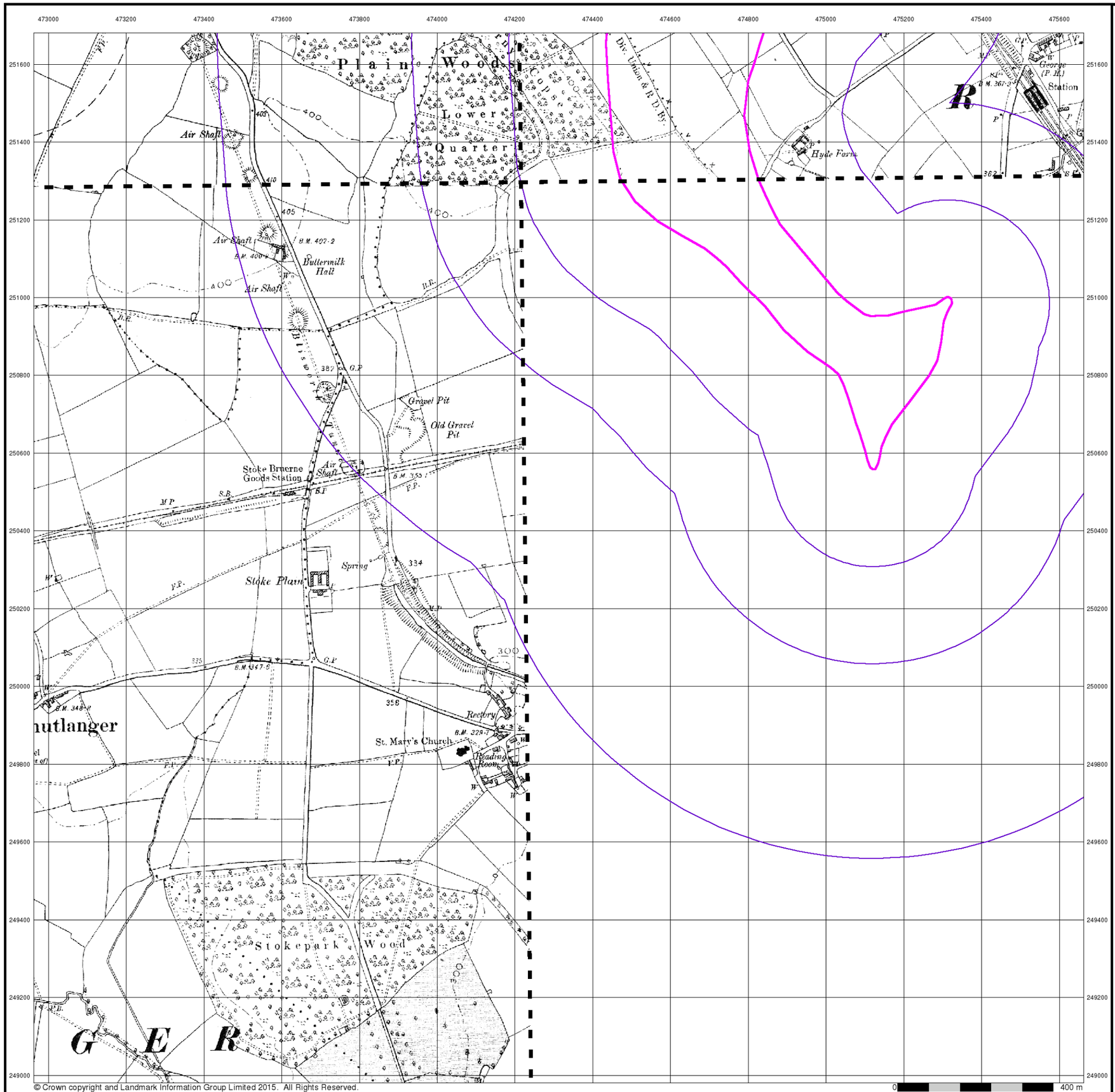
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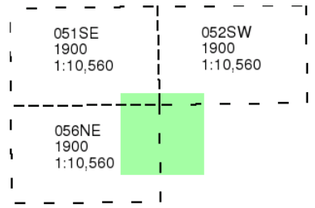
Northamptonshire

Published 1900

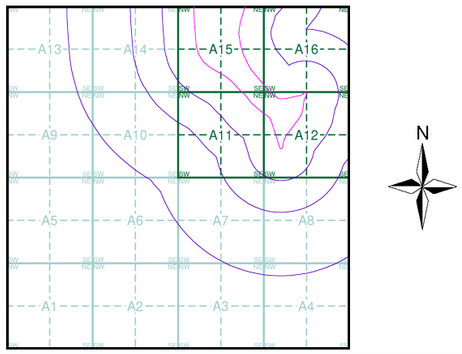
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Map Name(s) and Date(s)



Historical Map - Slice A



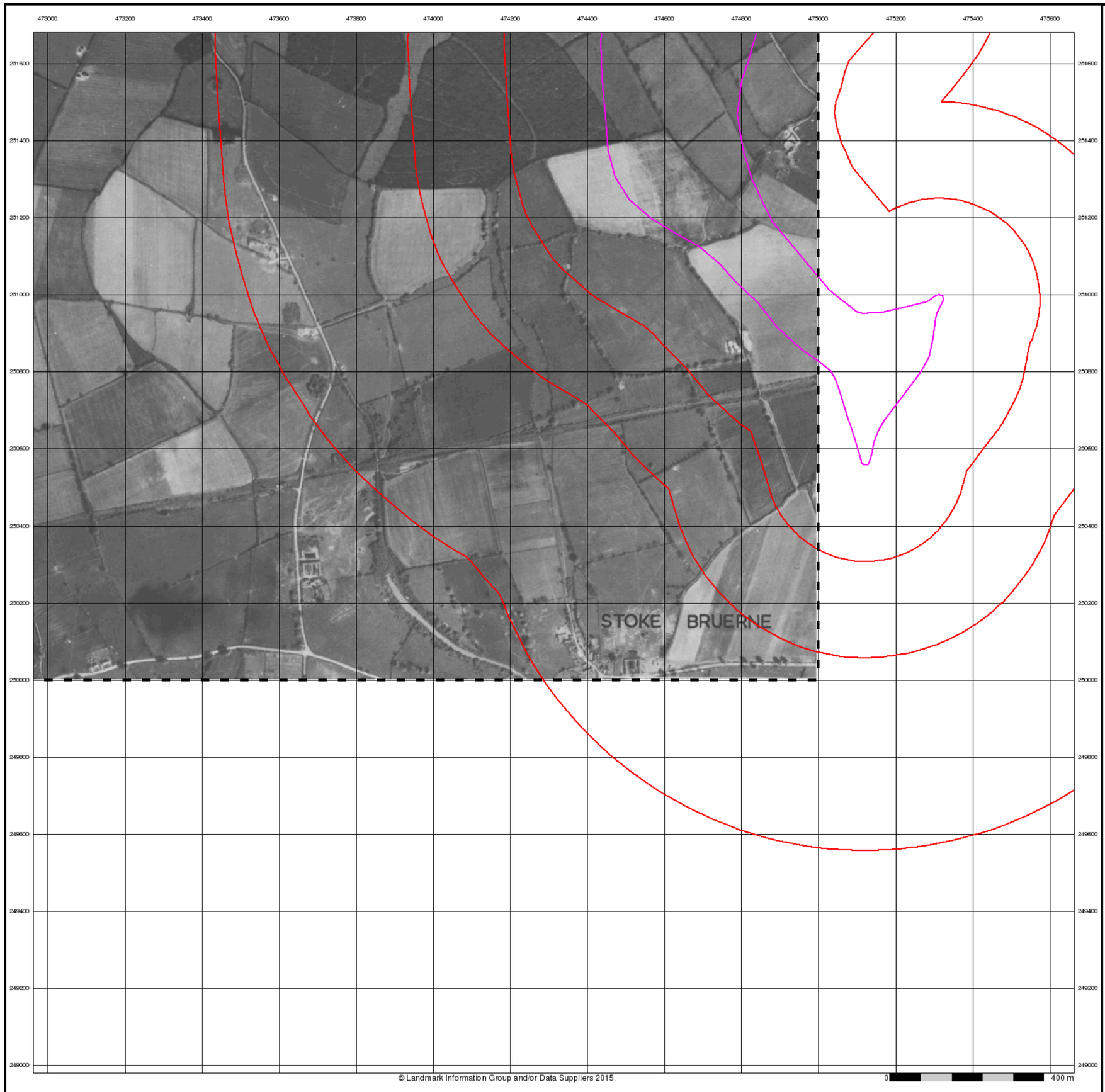
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Historical Aerial Photography

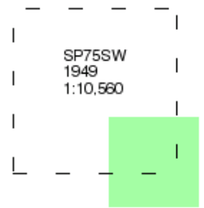
Published 1949

Source map scale - 1:10,560

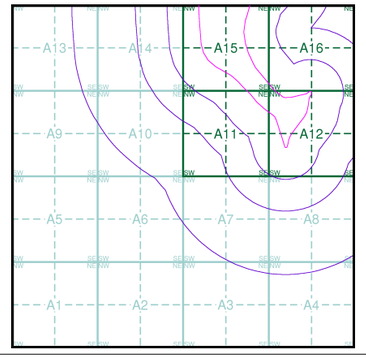
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



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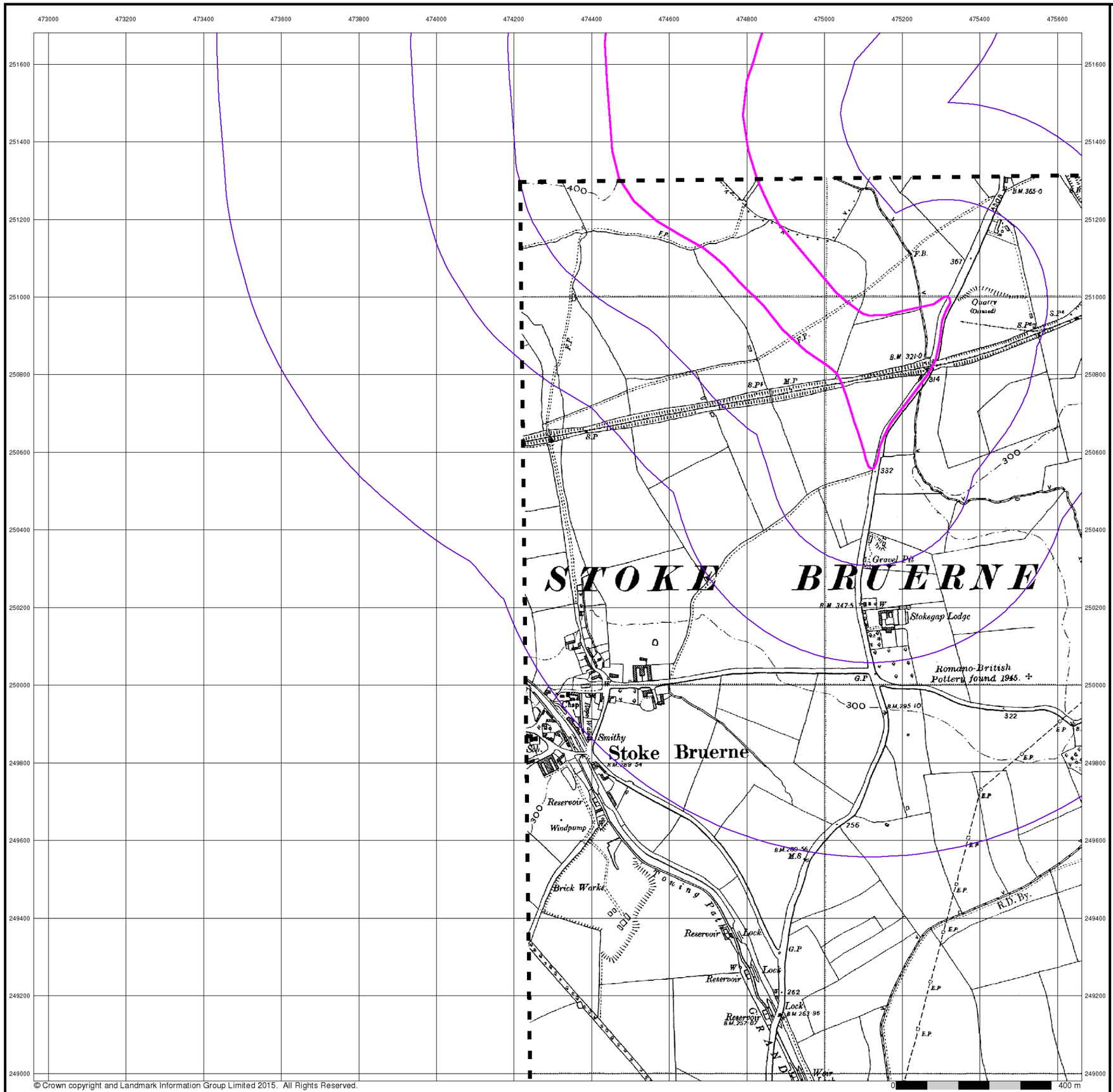
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Buckinghamshire

Published 1952

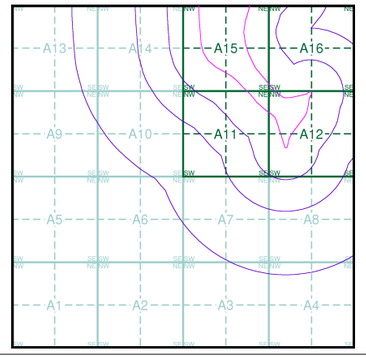
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Map Name(s) and Date(s)

004NW
1952
1:10,560

Historical Map - Slice A



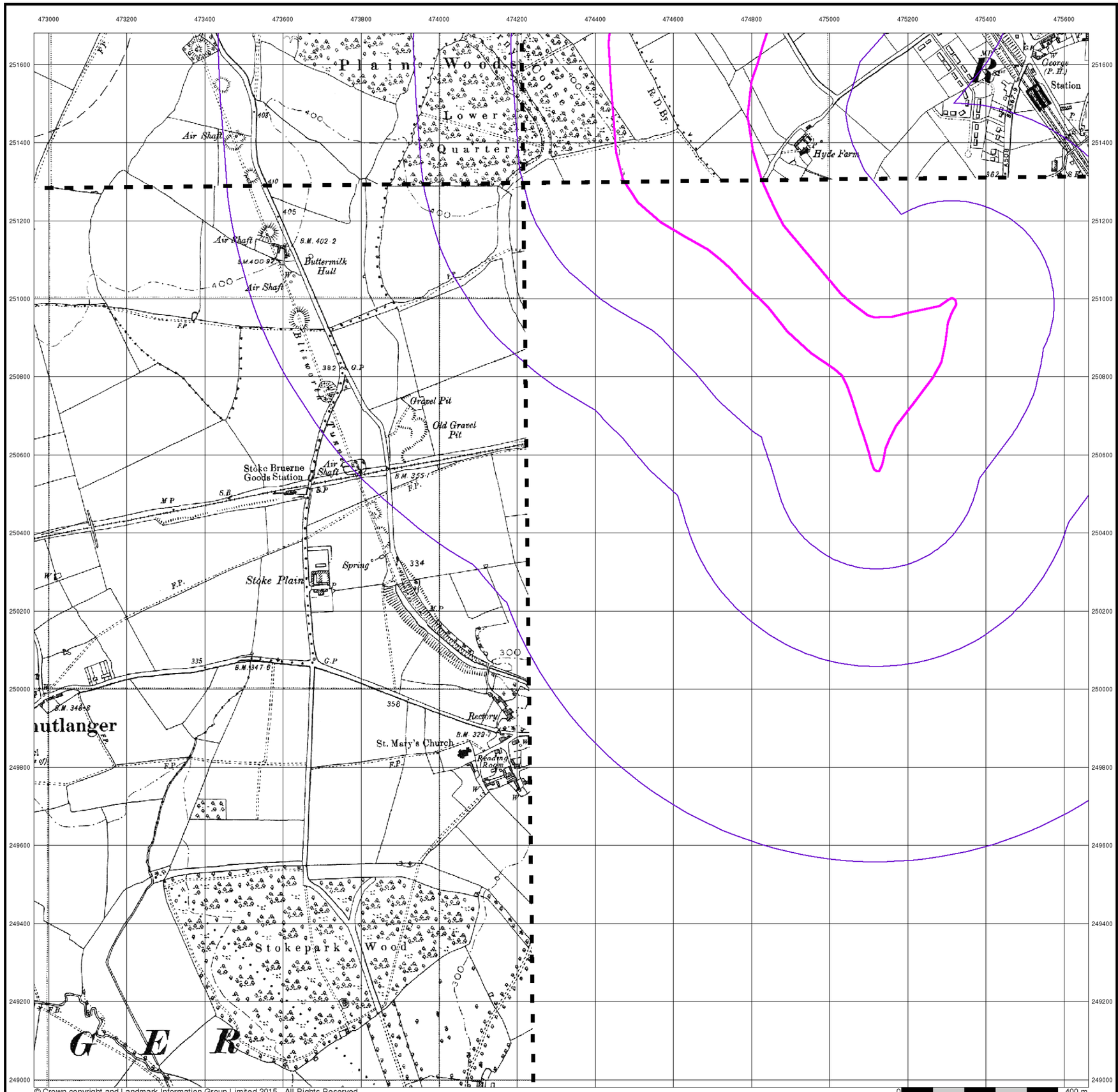
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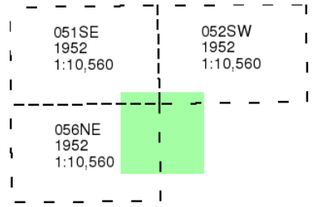
Northamptonshire

Published 1952

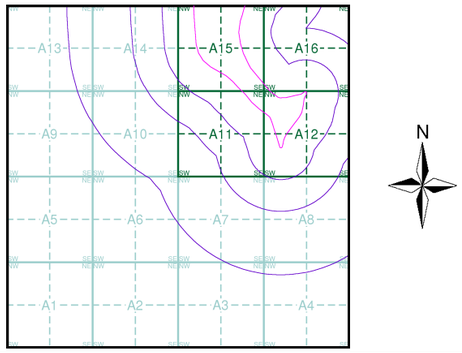
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Map Name(s) and Date(s)



Historical Map - Slice A



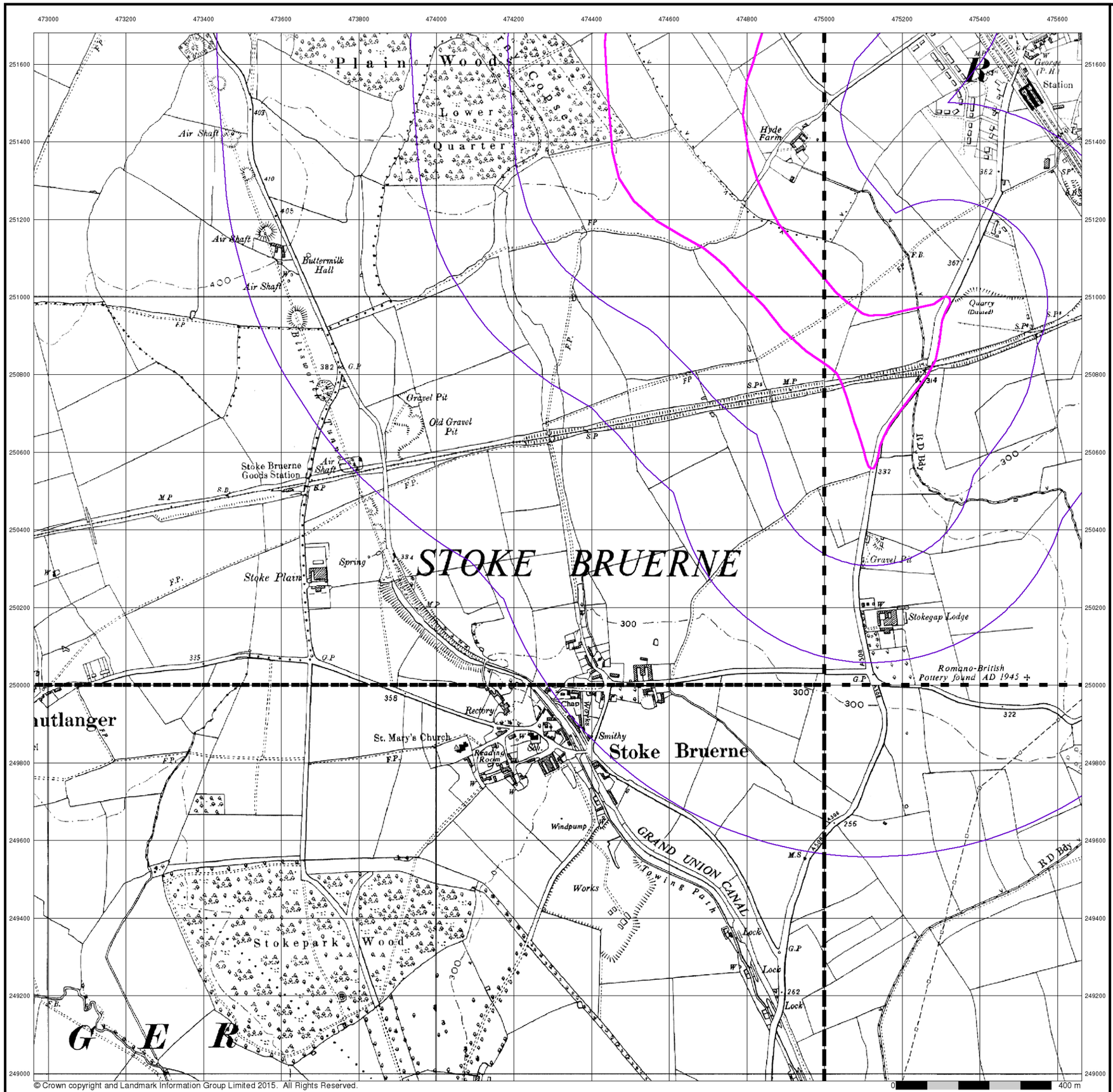
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Ordnance Survey Plan

Published 1958

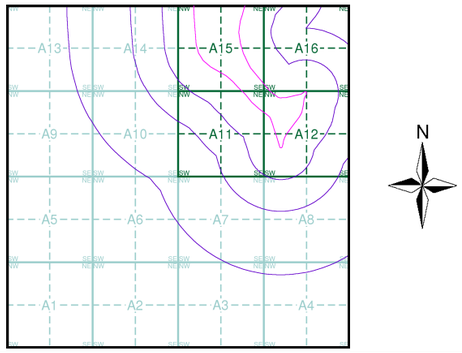
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Map Name(s) and Date(s)

SP75SW 1958 1:10,560	SP75SE 1958 1:10,560
SP74NW 1958 1:10,560	SP74NE 1958 1:10,560

Historical Map - Slice A



Order Details

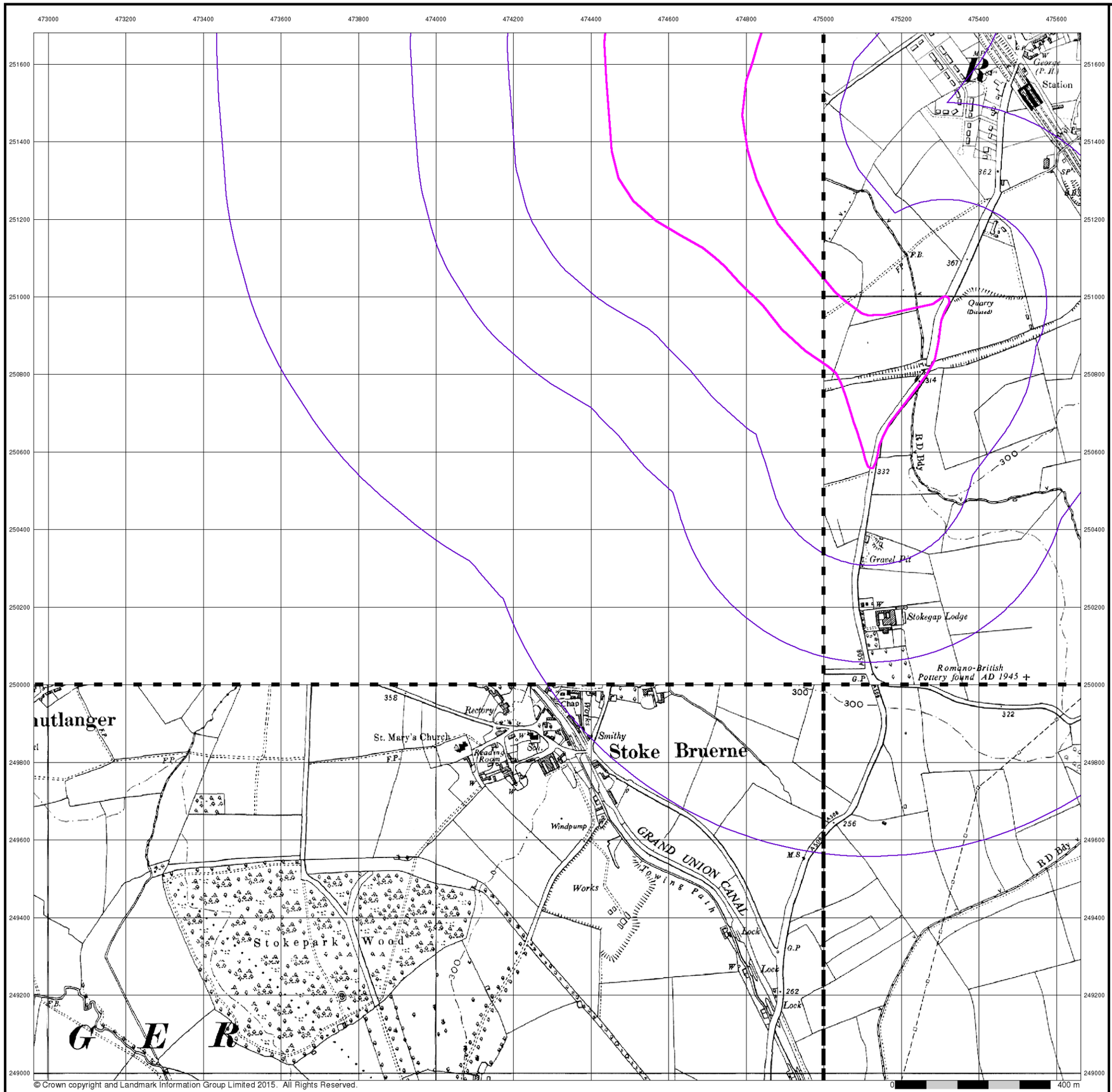
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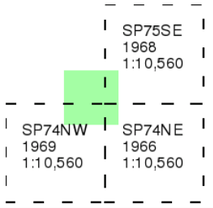
Ordnance Survey Plan

Published 1966 - 1969

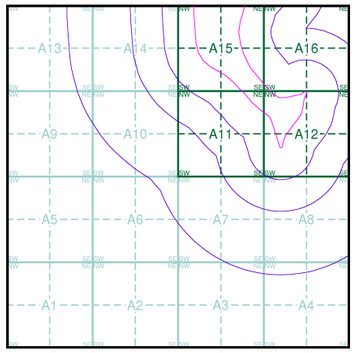
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Map Name(s) and Date(s)



Historical Map - Slice A



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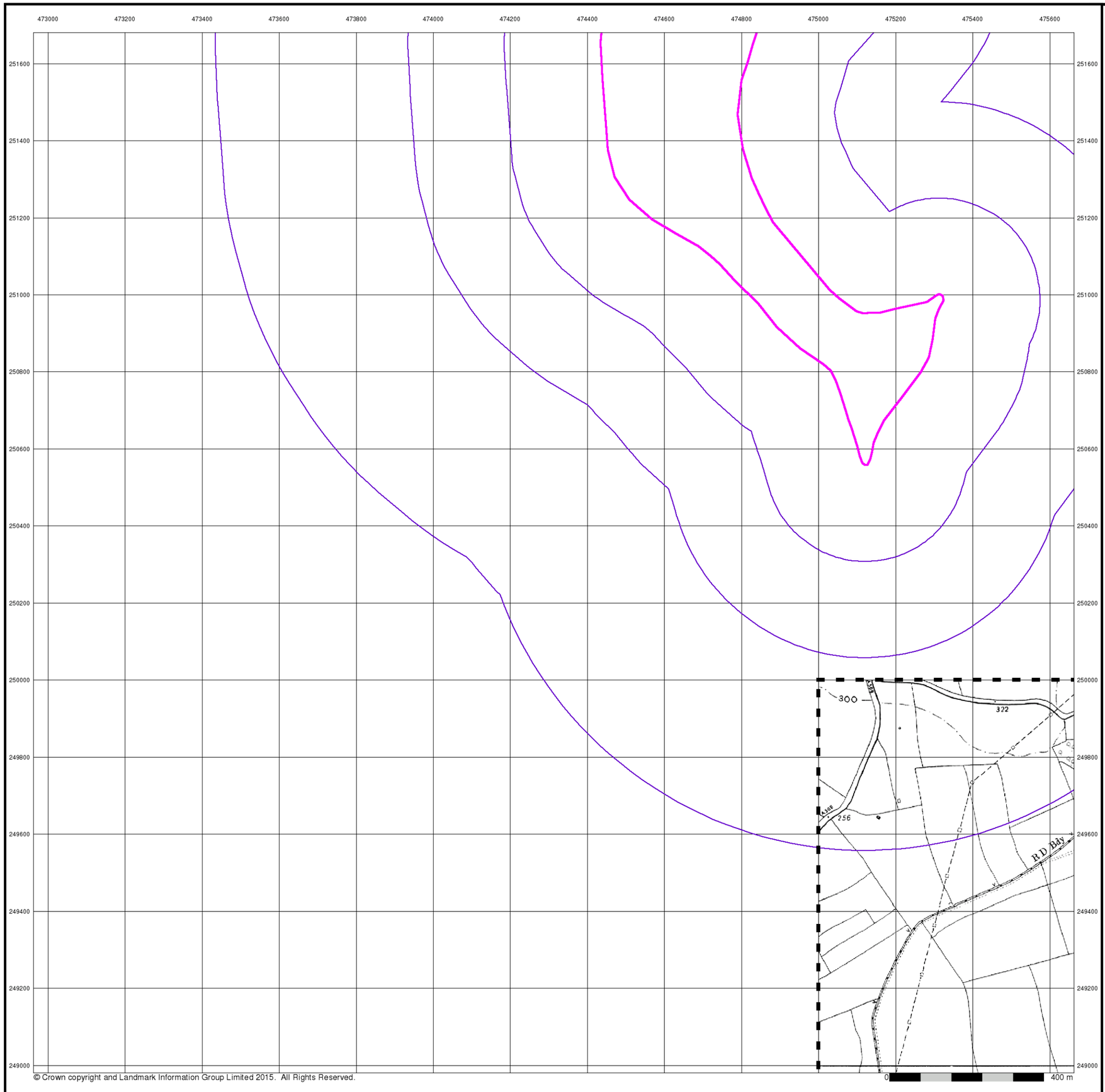
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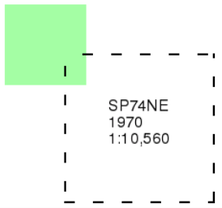
Ordnance Survey Plan

Published 1970

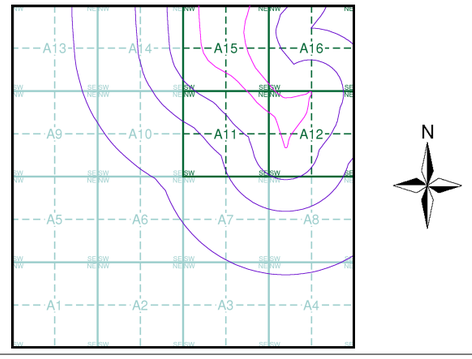
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Map Name(s) and Date(s)



Historical Map - Slice A



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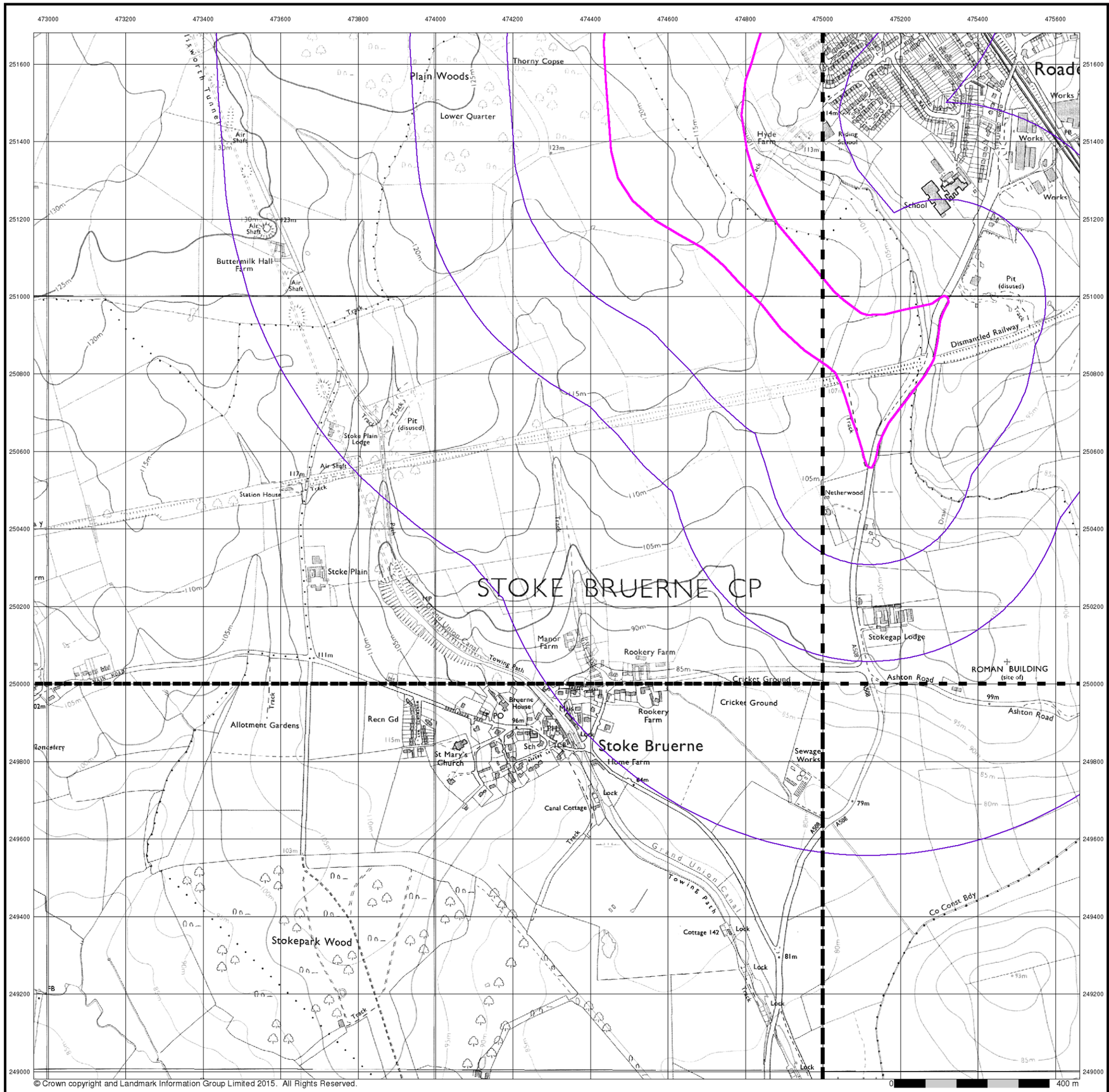
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Ordnance Survey Plan

Published 1982 - 1986

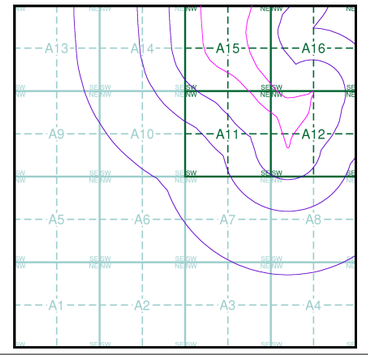
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Map Name(s) and Date(s)

SP75SW 1982 1:10,000	SP75SE 1982 1:10,000
SP74NW 1986 1:10,000	SP74NE 1986 1:10,000

Historical Map - Slice A



Order Details

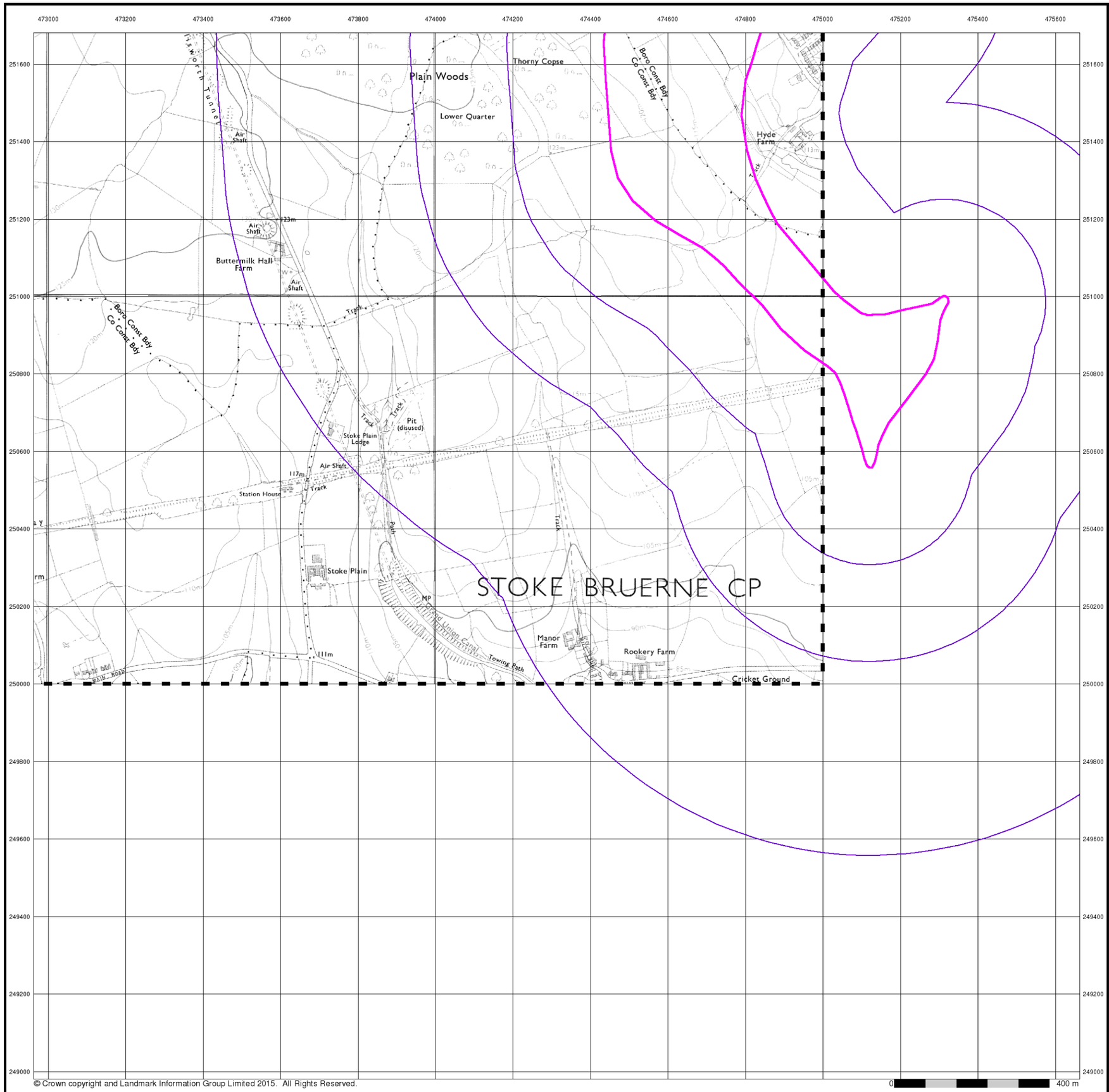
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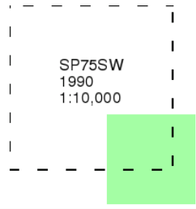
Ordnance Survey Plan

Published 1990

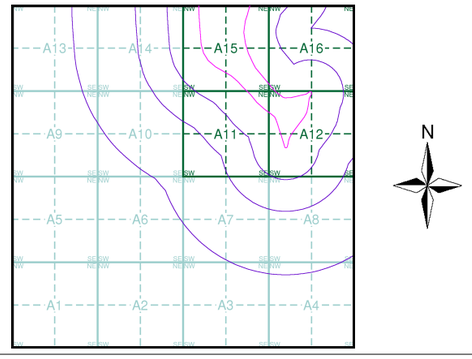
Source map scale - 1:10,000

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

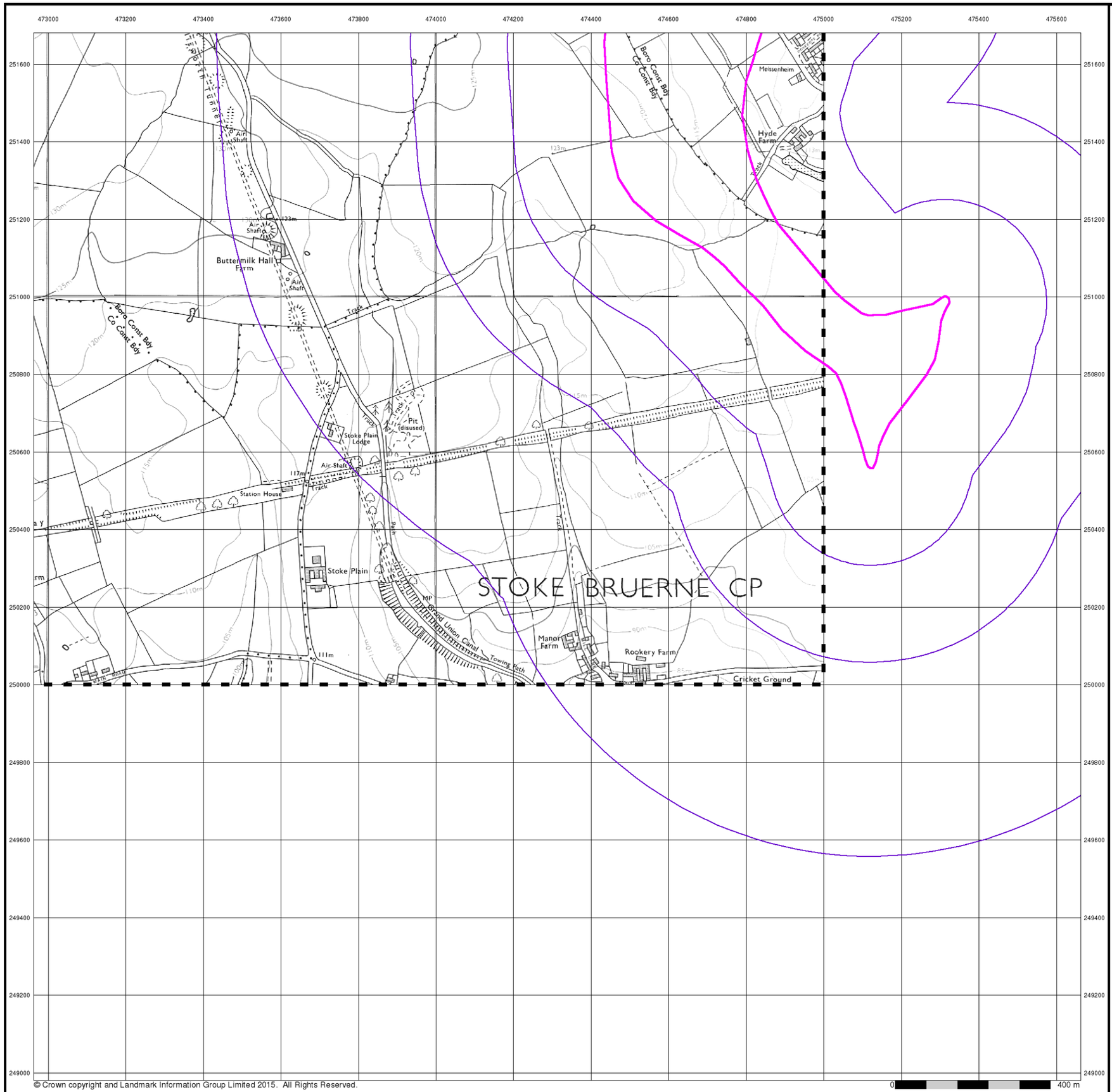
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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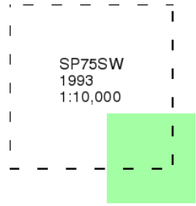
Ordnance Survey Plan

Published 1993

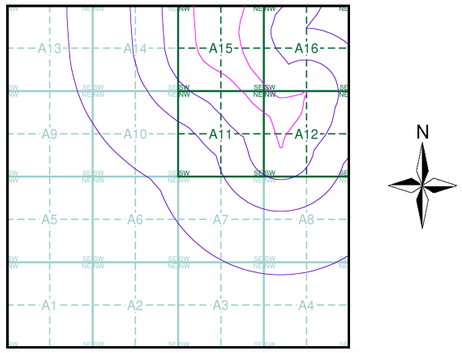
Source map scale - 1:10,000

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

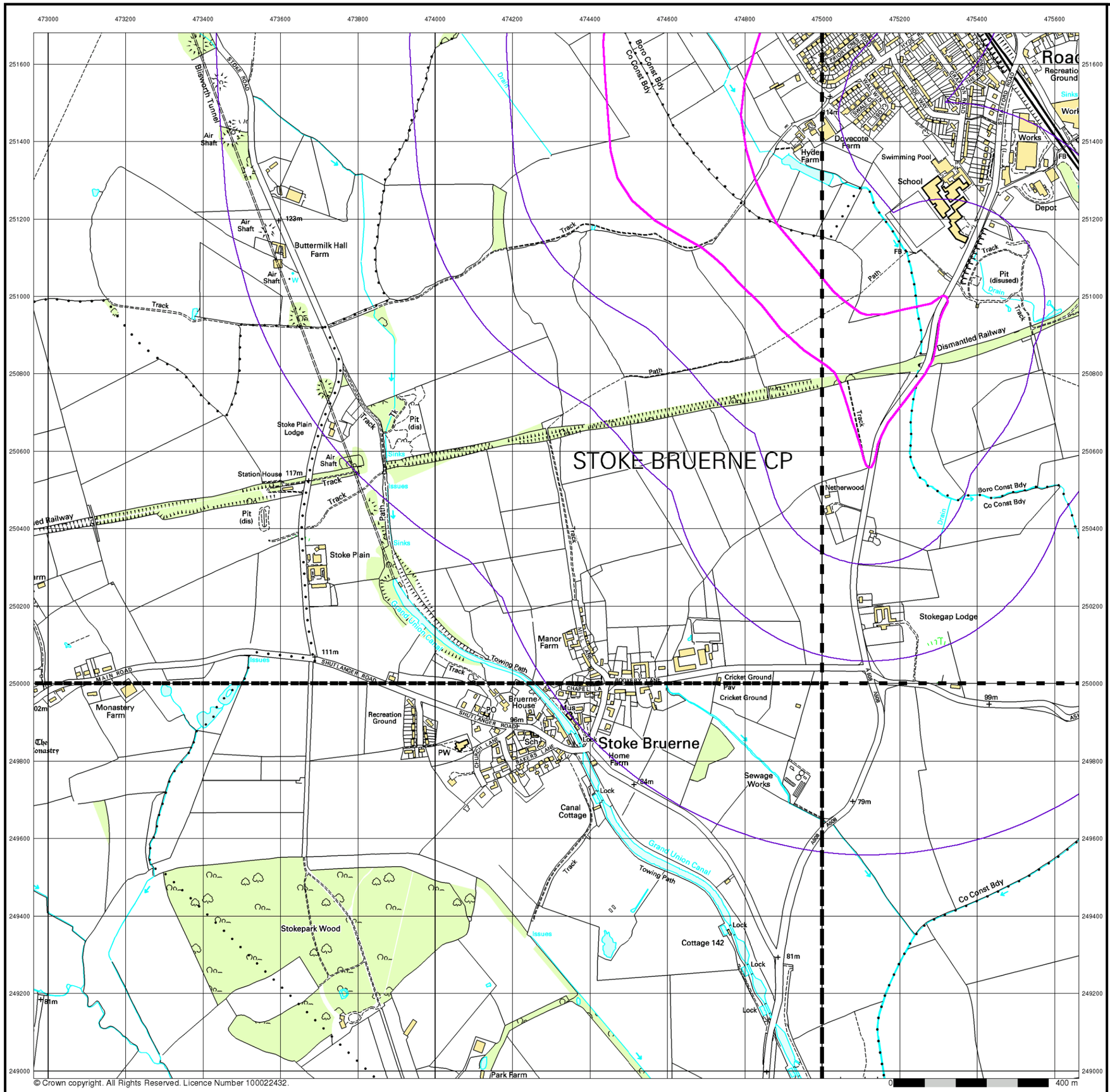
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Site Area (Ha):	72.92
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10k Raster Mapping

Published 1999

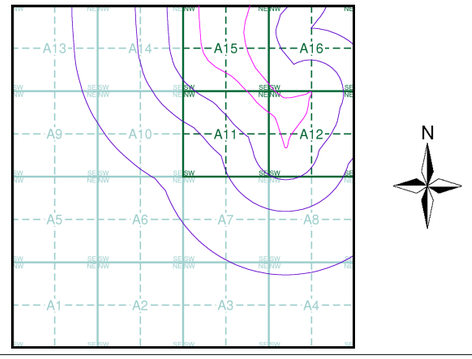
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP75SW 1999 1:10,000	SP75SE 1999 1:10,000
SP74NW 1999 1:10,000	SP74NE 1999 1:10,000

Historical Map - Slice A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
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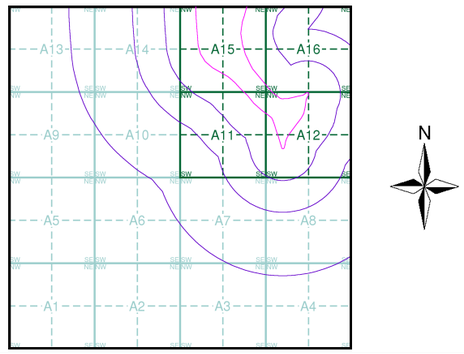
Envirocheck®

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 - Slice A



Order Details

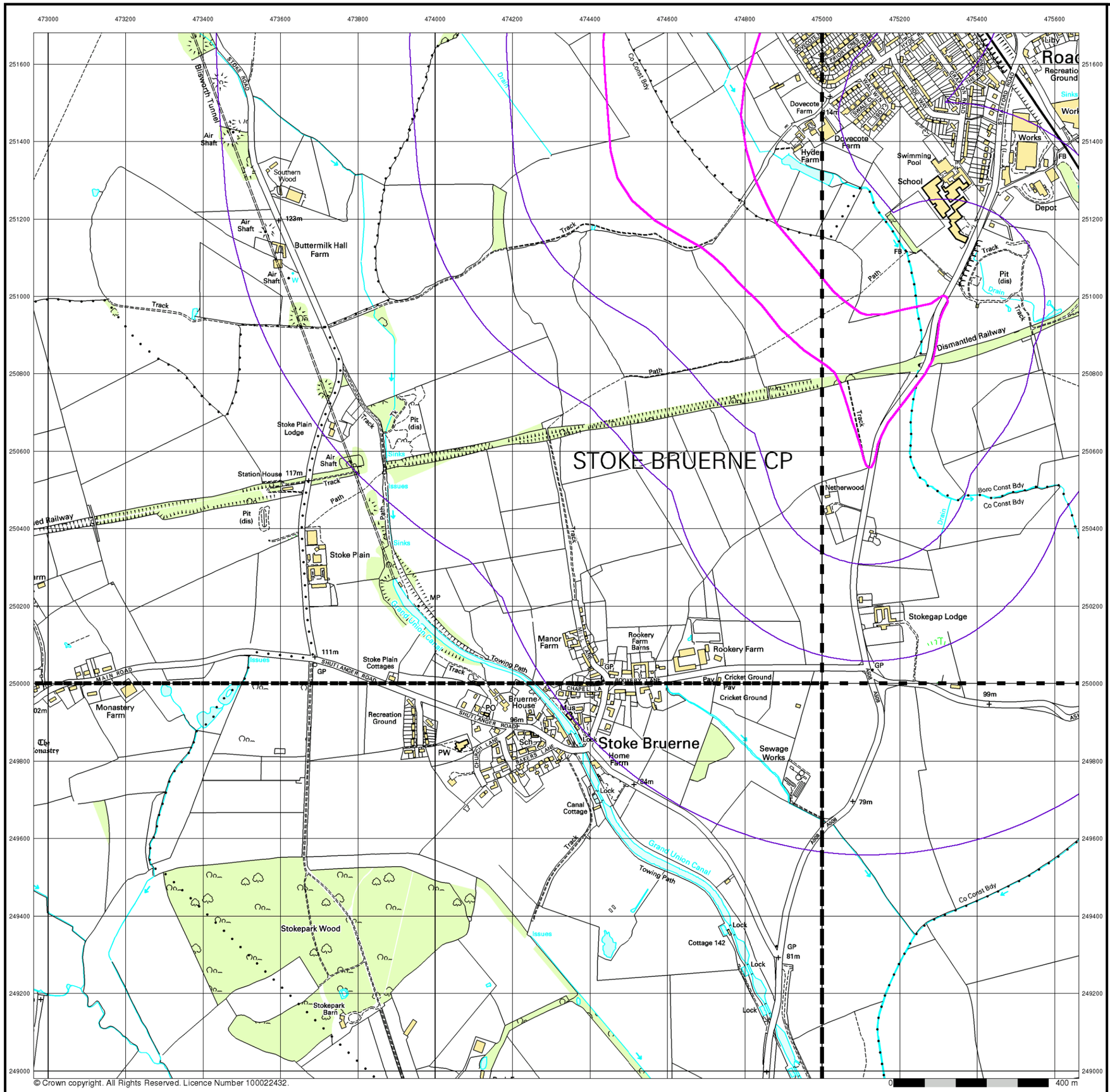
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Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
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10k Raster Mapping

Published 2006

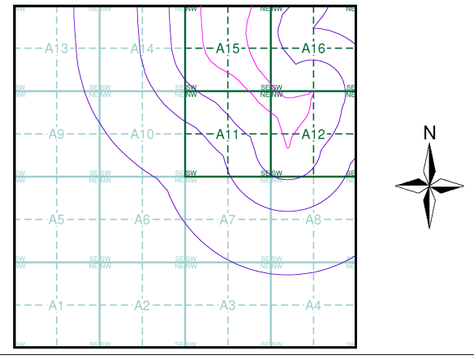
Source map scale - 1:10,000

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)

SP75SW 2006 1:10,000	SP75SE 2006 1:10,000
SP74NW 2006 1:10,000	SP74NE 2006 1:10,000

Historical Map - Slice A



Order Details

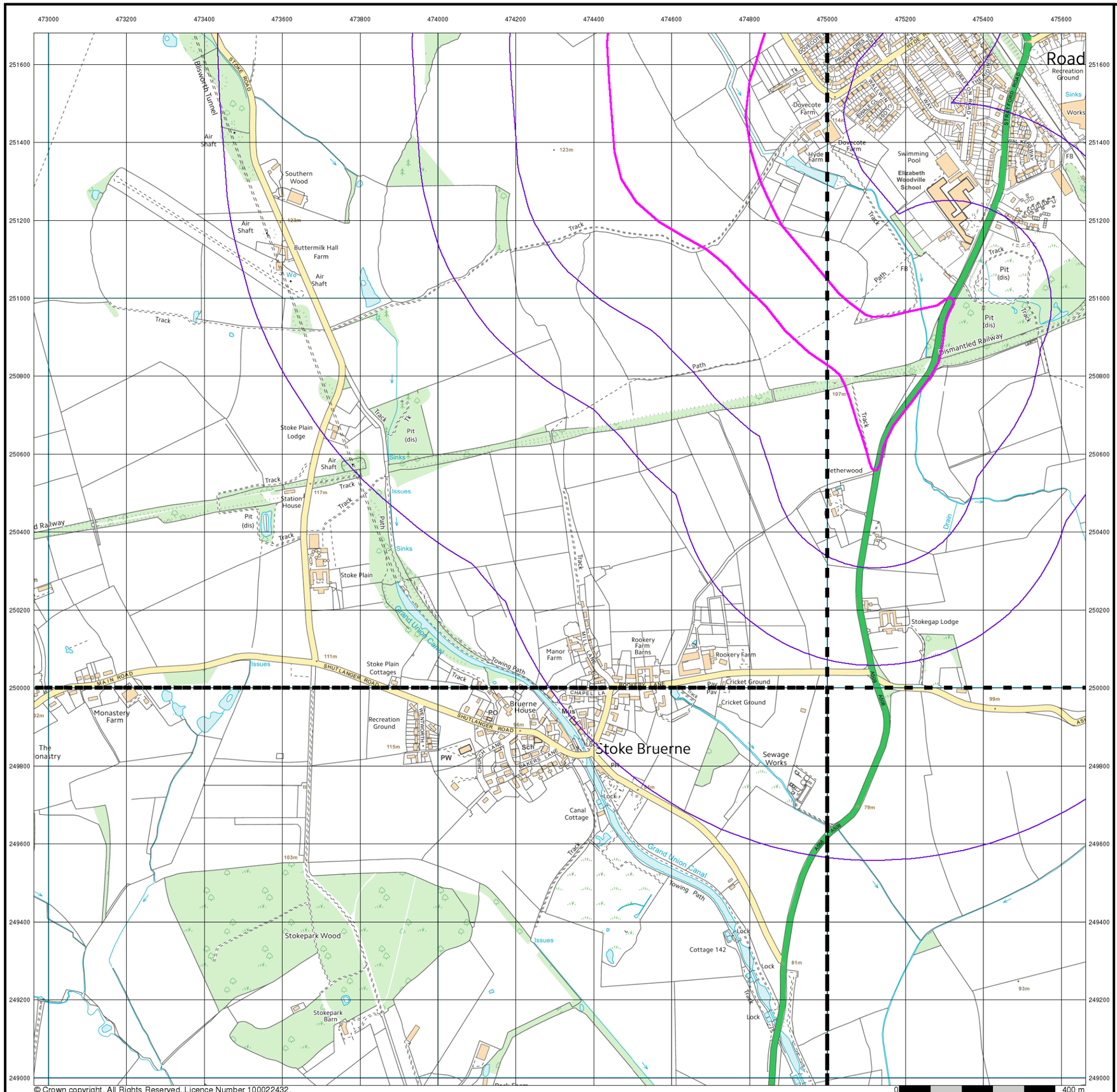
Order Number:	90638346_1_1
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VectorMap Local

Published 2016

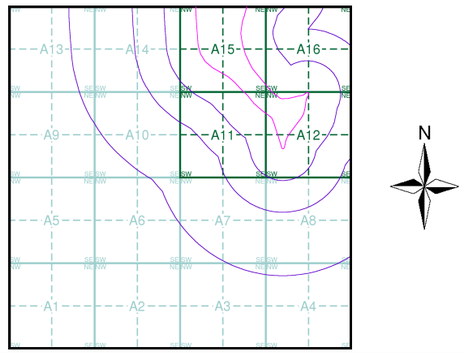
Source map scale - 1:10,000

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)

SP75SW 2016 Variable	SP75SE 2016 Variable
SP74NW 2016 Variable	SP74NE 2016 Variable

Historical Map - Slice A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
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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

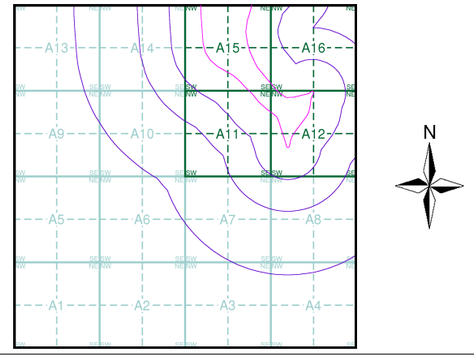
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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
Northamptonshire	1:10,560	1883 - 1884	2
Buckinghamshire	1:10,560	1885	3
Buckinghamshire	1:10,560	1900	4
Northamptonshire	1:10,560	1900	5
Northamptonshire	1:10,560	1900	6
Historical Aerial Photography	1:10,560	1949	7
Buckinghamshire	1:10,560	1952	8
Northamptonshire	1:10,560	1952	9
Ordnance Survey Plan	1:10,000	1958	10
Ordnance Survey Plan	1:10,000	1966 - 1969	11
Ordnance Survey Plan	1:10,000	1970	12
Ordnance Survey Plan	1:10,000	1982 - 1986	13
Ordnance Survey Plan	1:10,000	1990	14
Ordnance Survey Plan	1:10,000	1993	15
10K Raster Mapping	1:10,000	1999	16
Historical Aerial Photography	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2016	19

Historical Map - Slice A



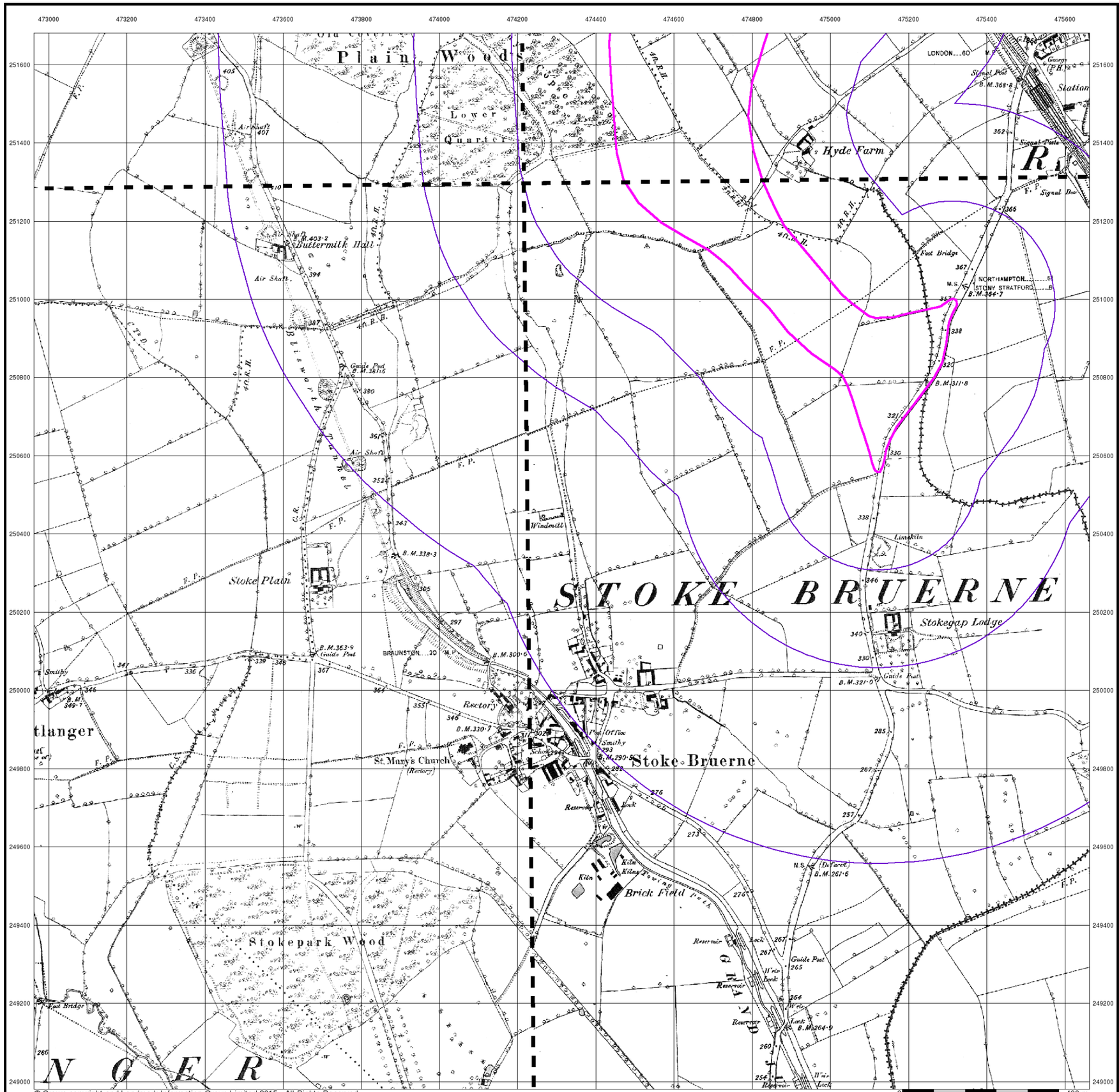
Order Details

Order Number: 90638346_1_1
Customer Ref: 313418
National Grid Reference: 474710, 250770
Slice: A
Site Area (Ha): 72.92
Search Buffer (m): 1000

Site Details

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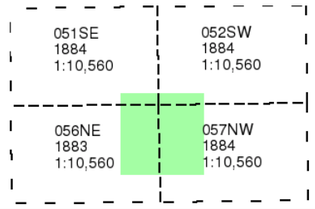
Northamptonshire

Published 1883 - 1884

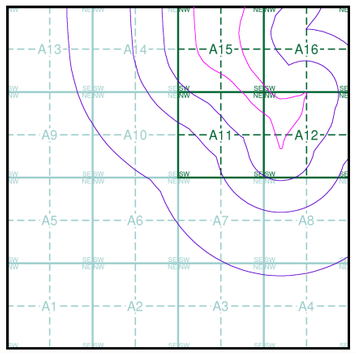
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

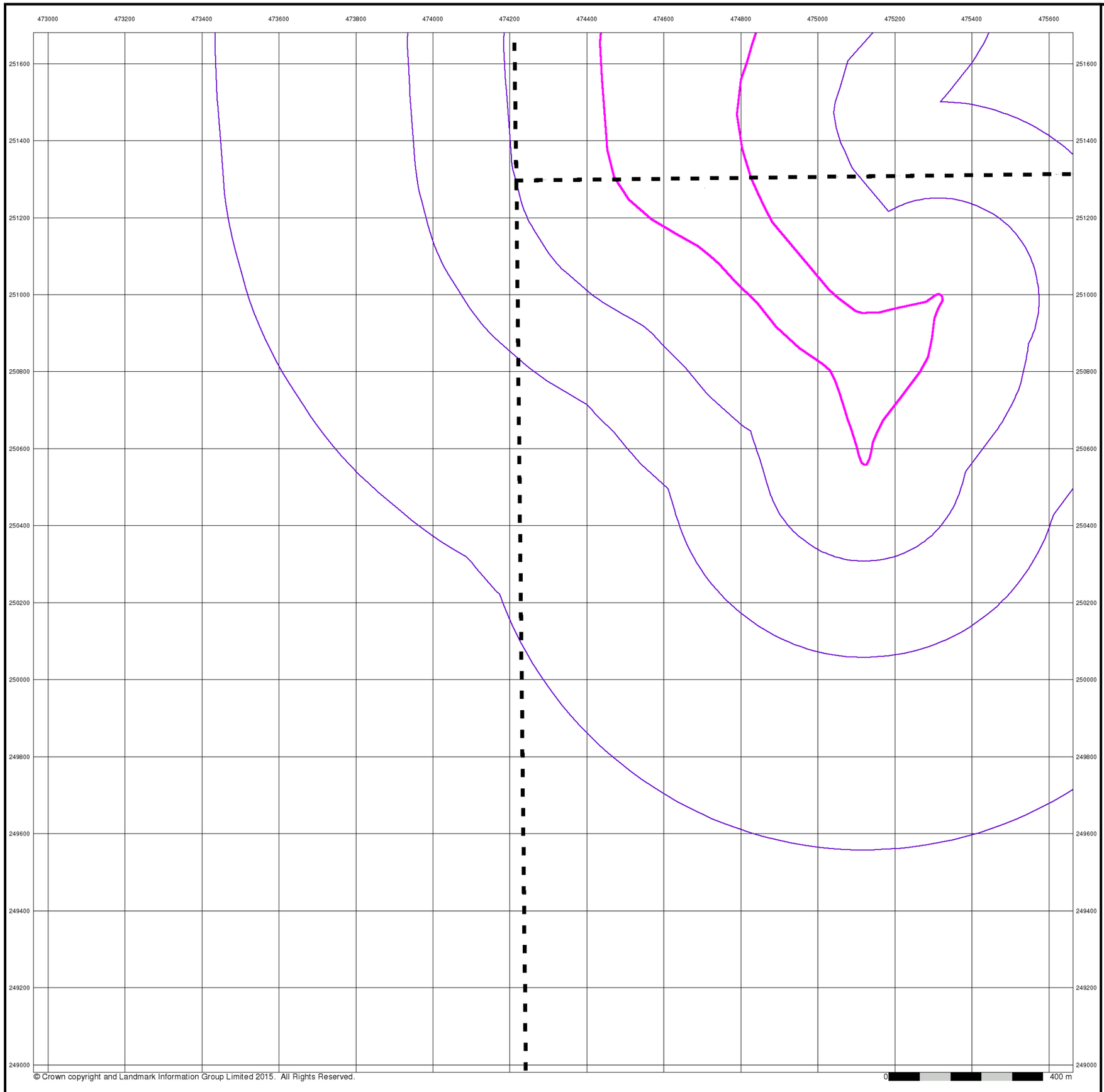


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Buckinghamshire

Published 1885

Source map scale - 1:10,560

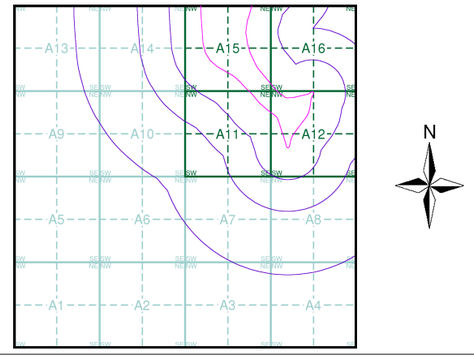
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

00100
1885
1:10,560

00400
1885
1:10,560

Historical Map - Slice A



Order Details

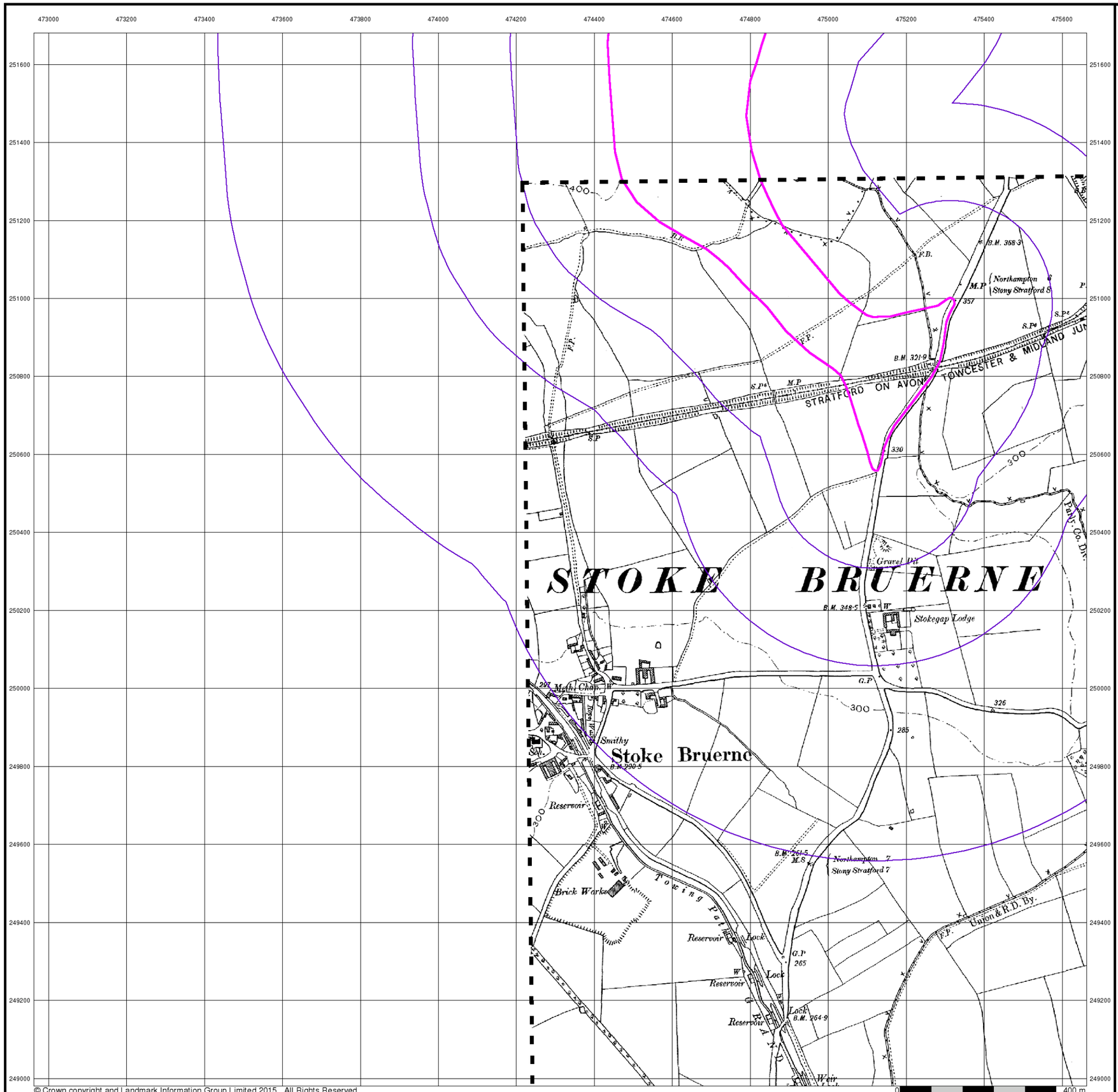
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Slice:	A
Site Area (Ha):	72.92
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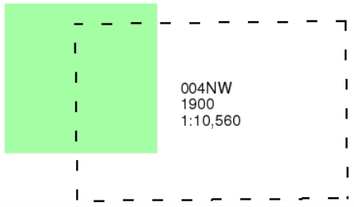
Buckinghamshire

Published 1900

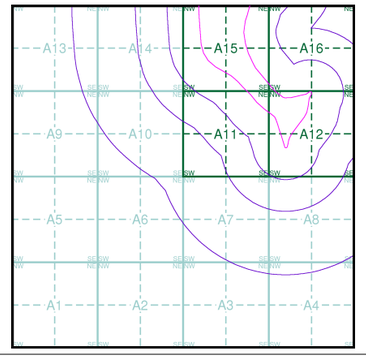
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

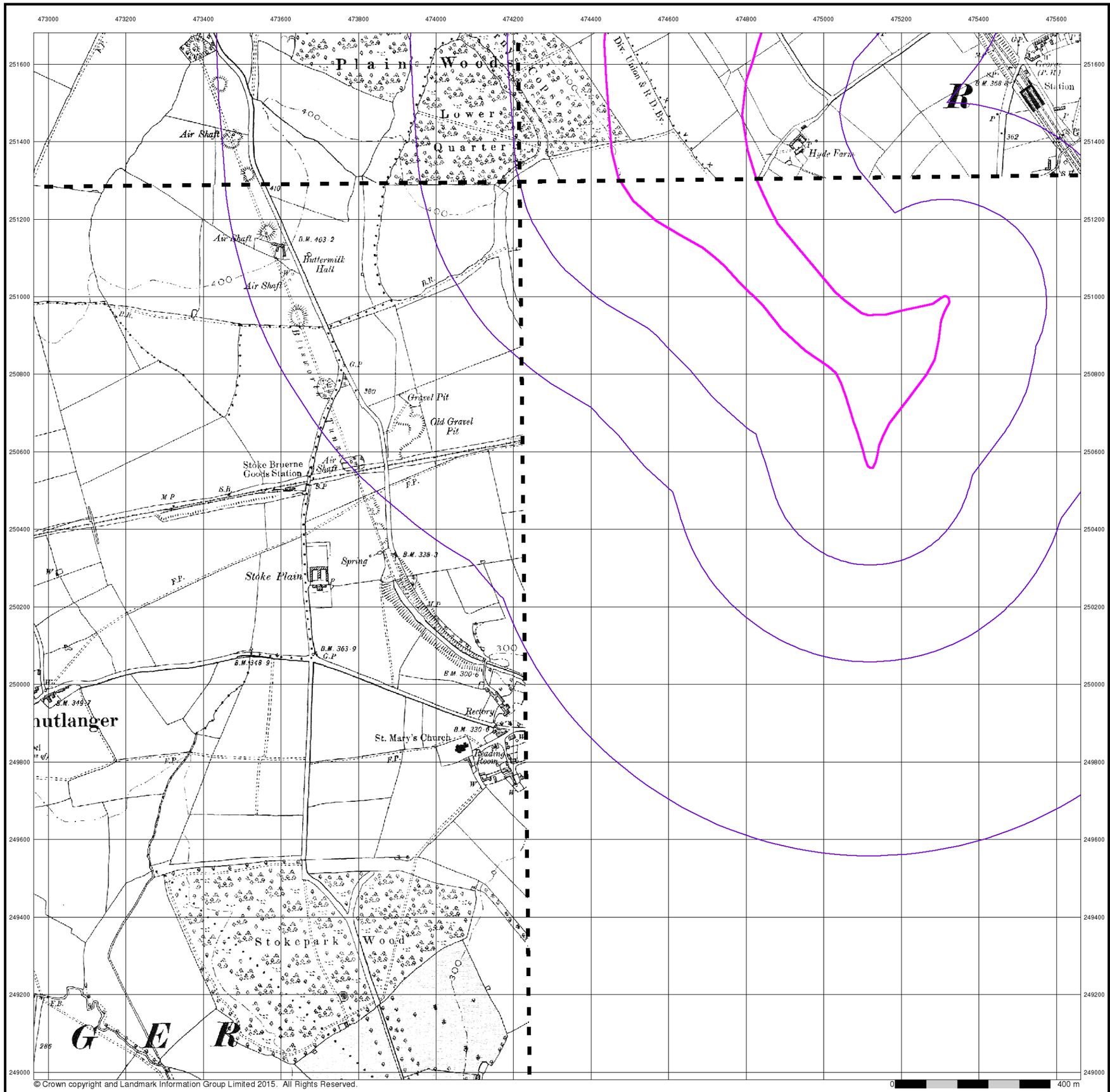
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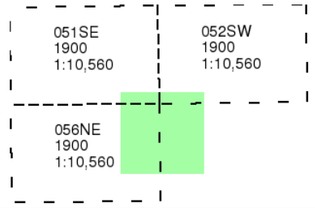
Northamptonshire

Published 1900

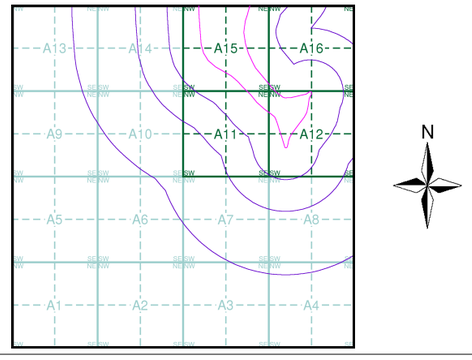
Source map scale - 1:10,560

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

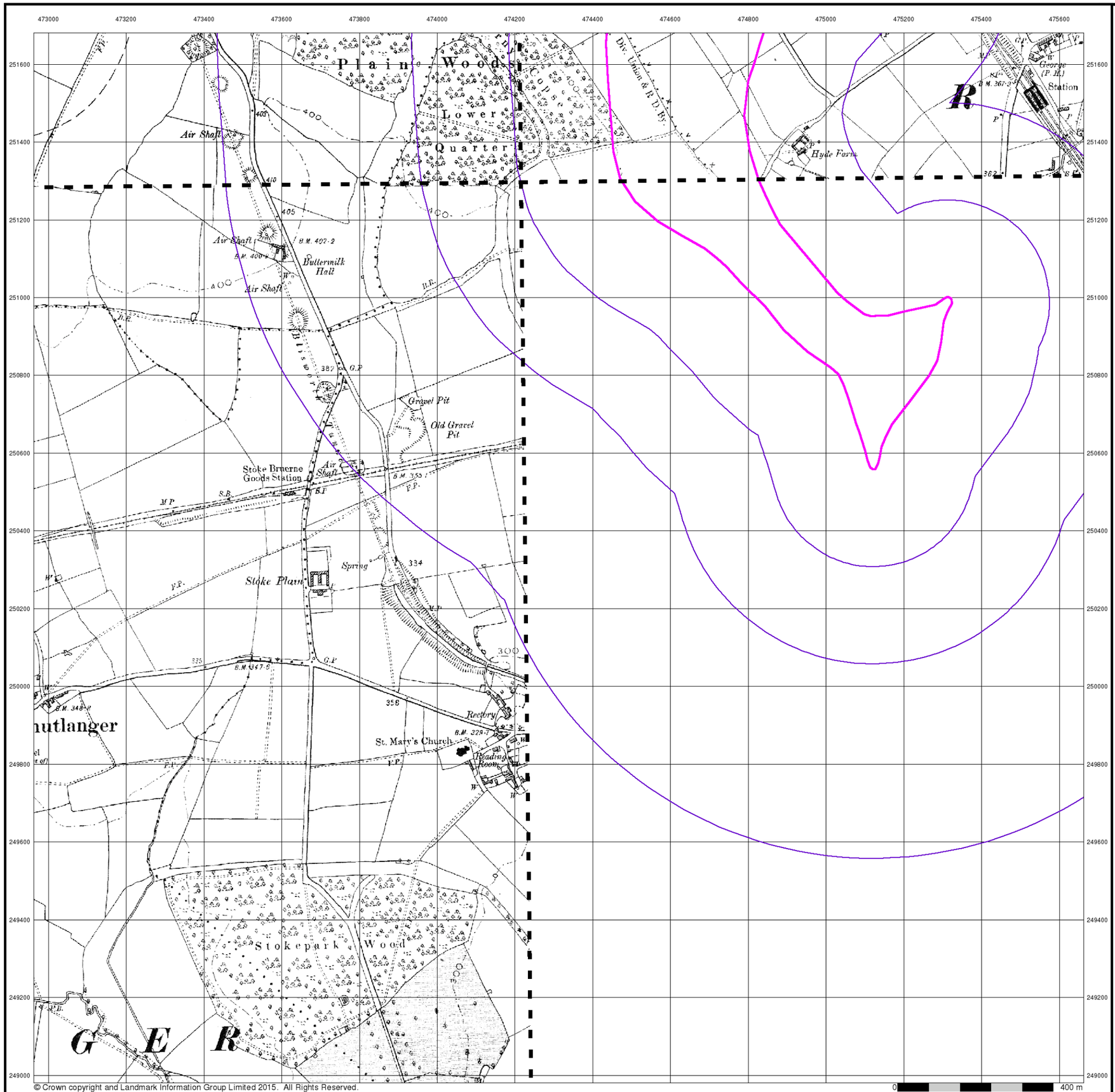
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Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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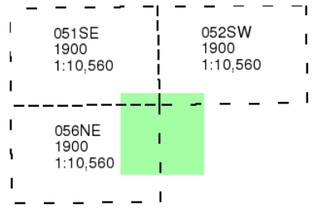
Northamptonshire

Published 1900

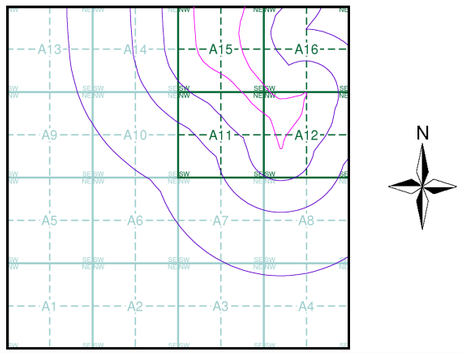
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Map Name(s) and Date(s)



Historical Map - Slice A



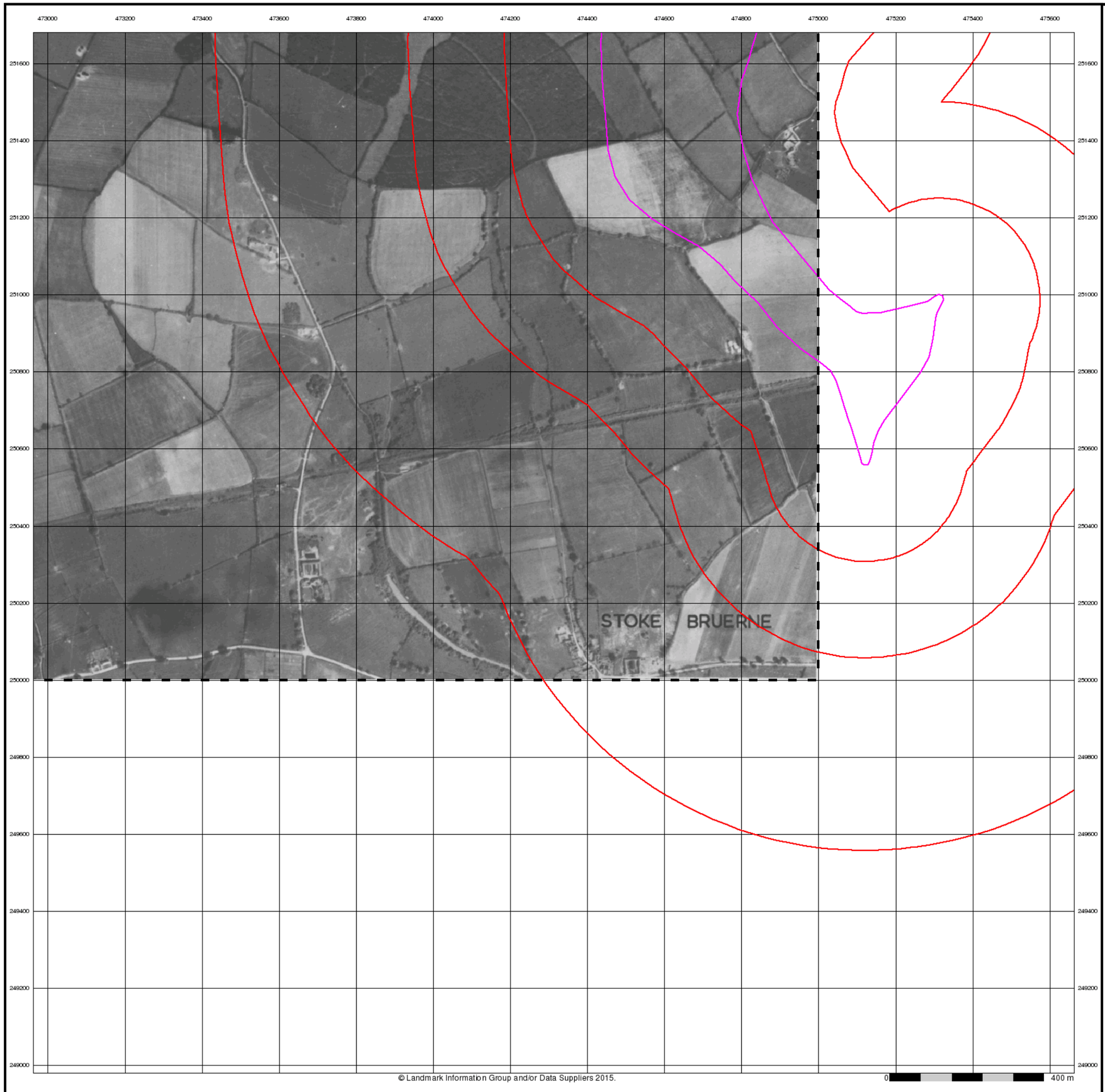
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Historical Aerial Photography

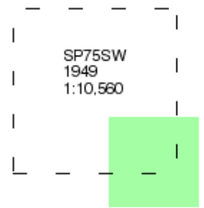
Published 1949

Source map scale - 1:10,560

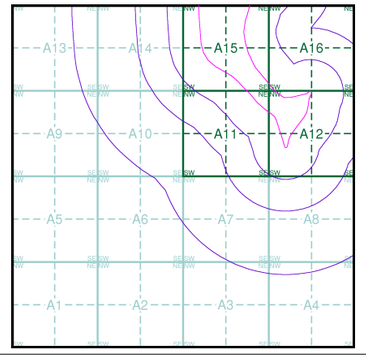
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



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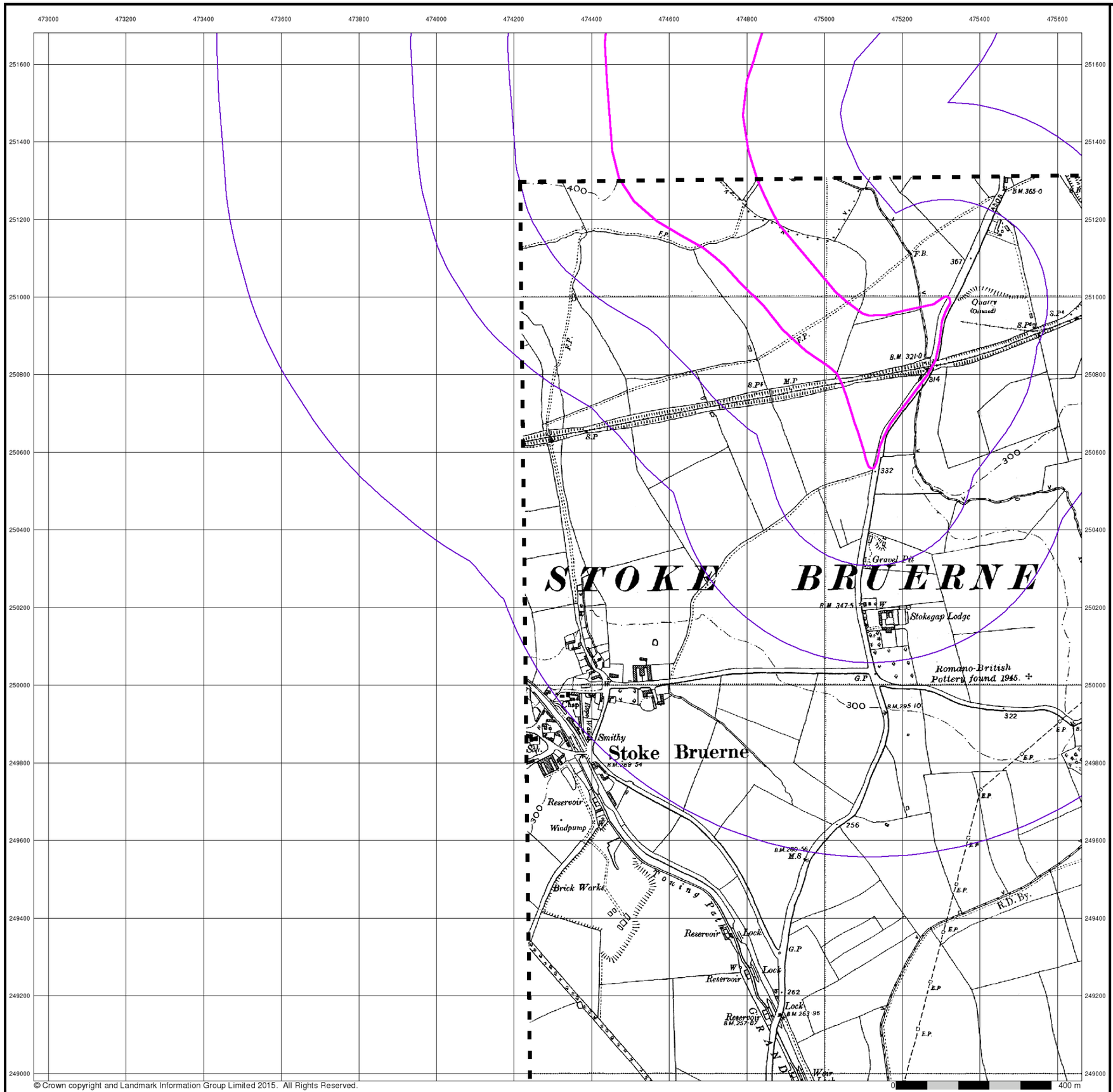
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Buckinghamshire

Published 1952

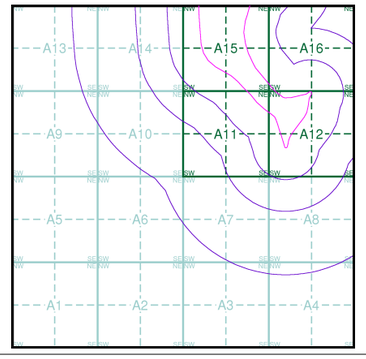
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Map Name(s) and Date(s)

004NW
1952
1:10,560

Historical Map - Slice A



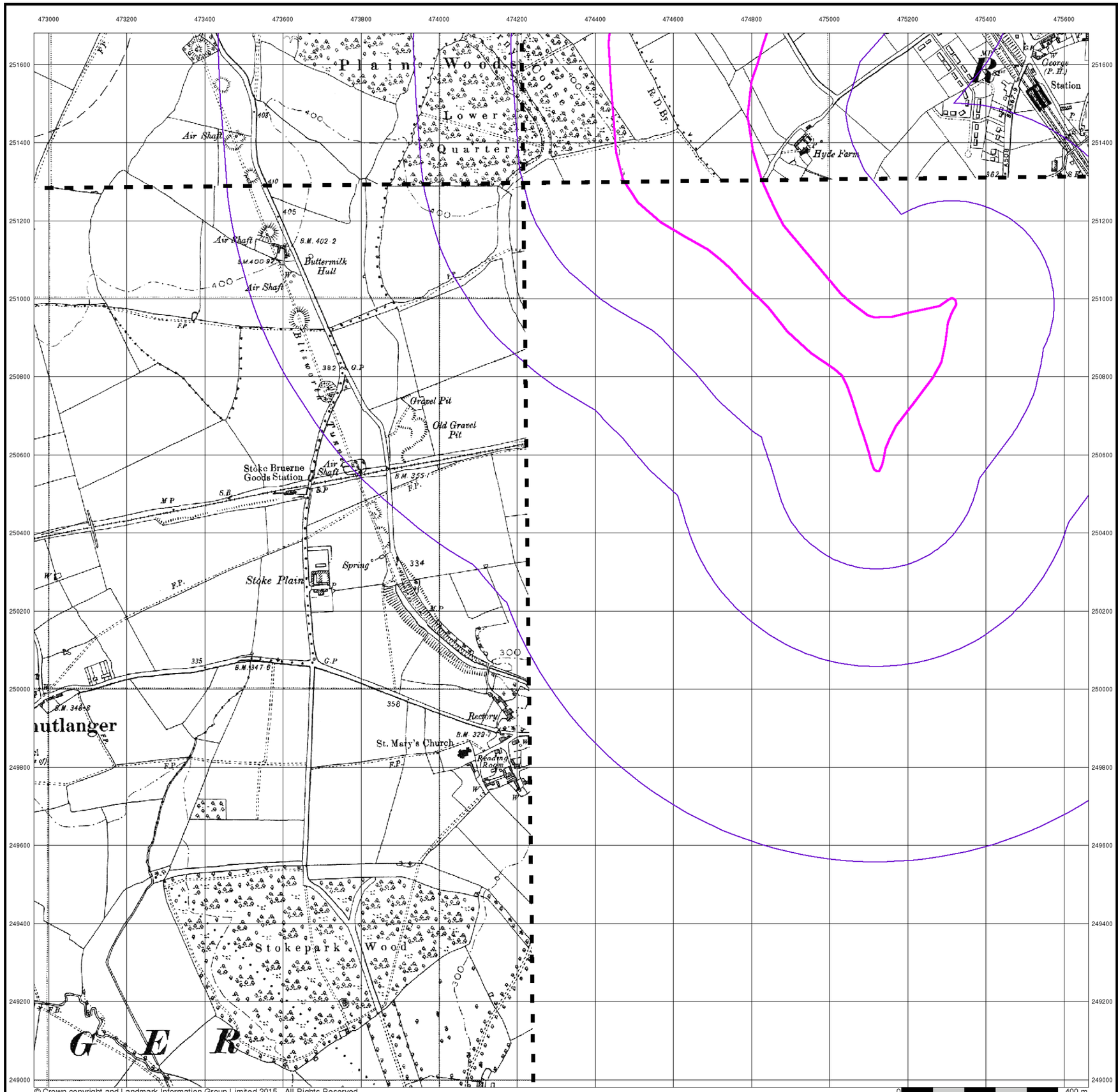
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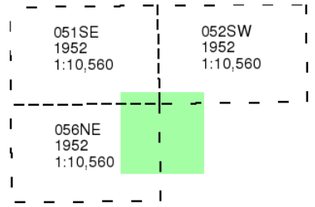
Northamptonshire

Published 1952

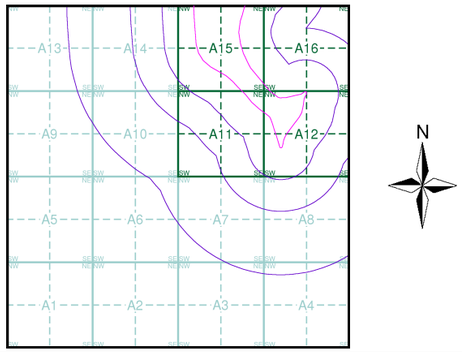
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Map Name(s) and Date(s)



Historical Map - Slice A



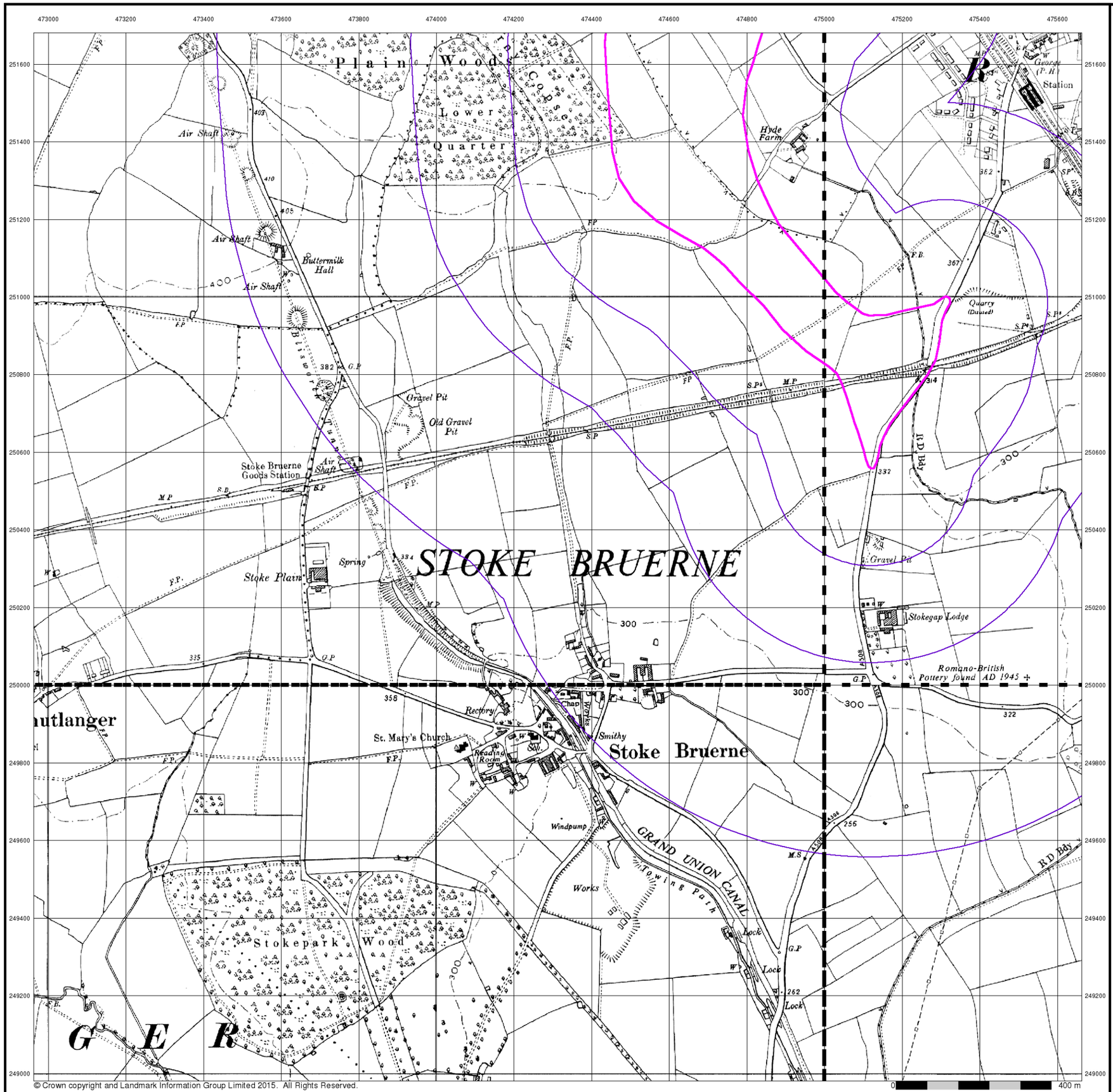
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Ordnance Survey Plan

Published 1958

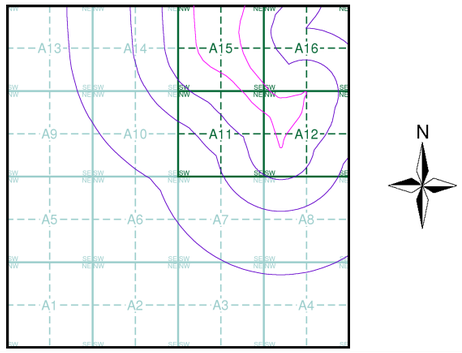
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Map Name(s) and Date(s)

SP75SW 1958 1:10,560	SP75SE 1958 1:10,560
SP74NW 1958 1:10,560	SP74NE 1958 1:10,560

Historical Map - Slice A



Order Details

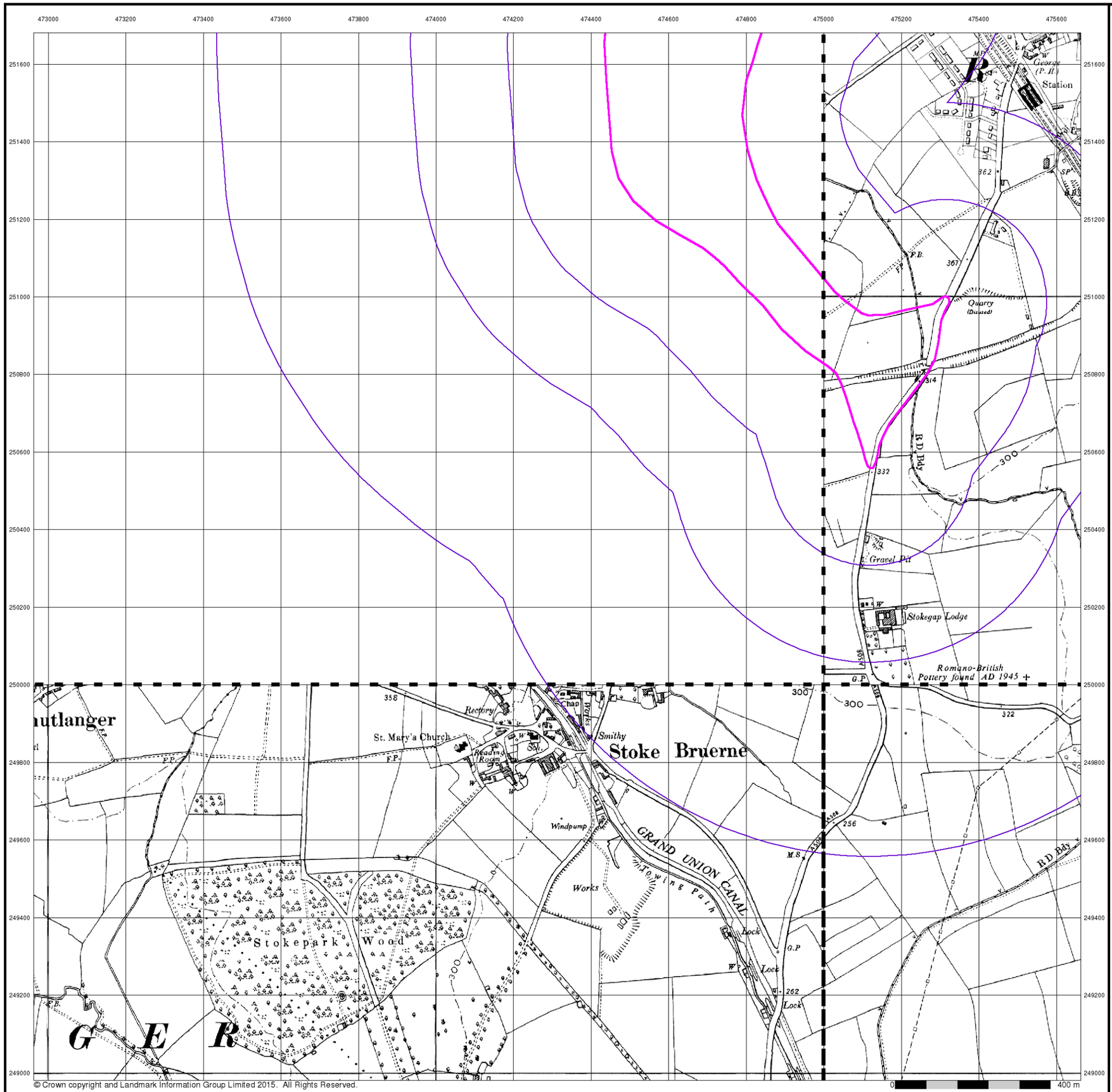
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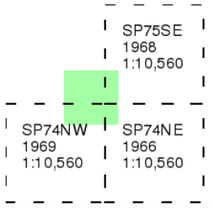
Ordnance Survey Plan

Published 1966 - 1969

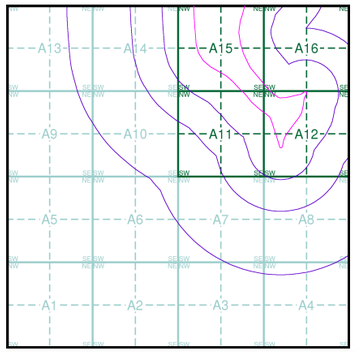
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

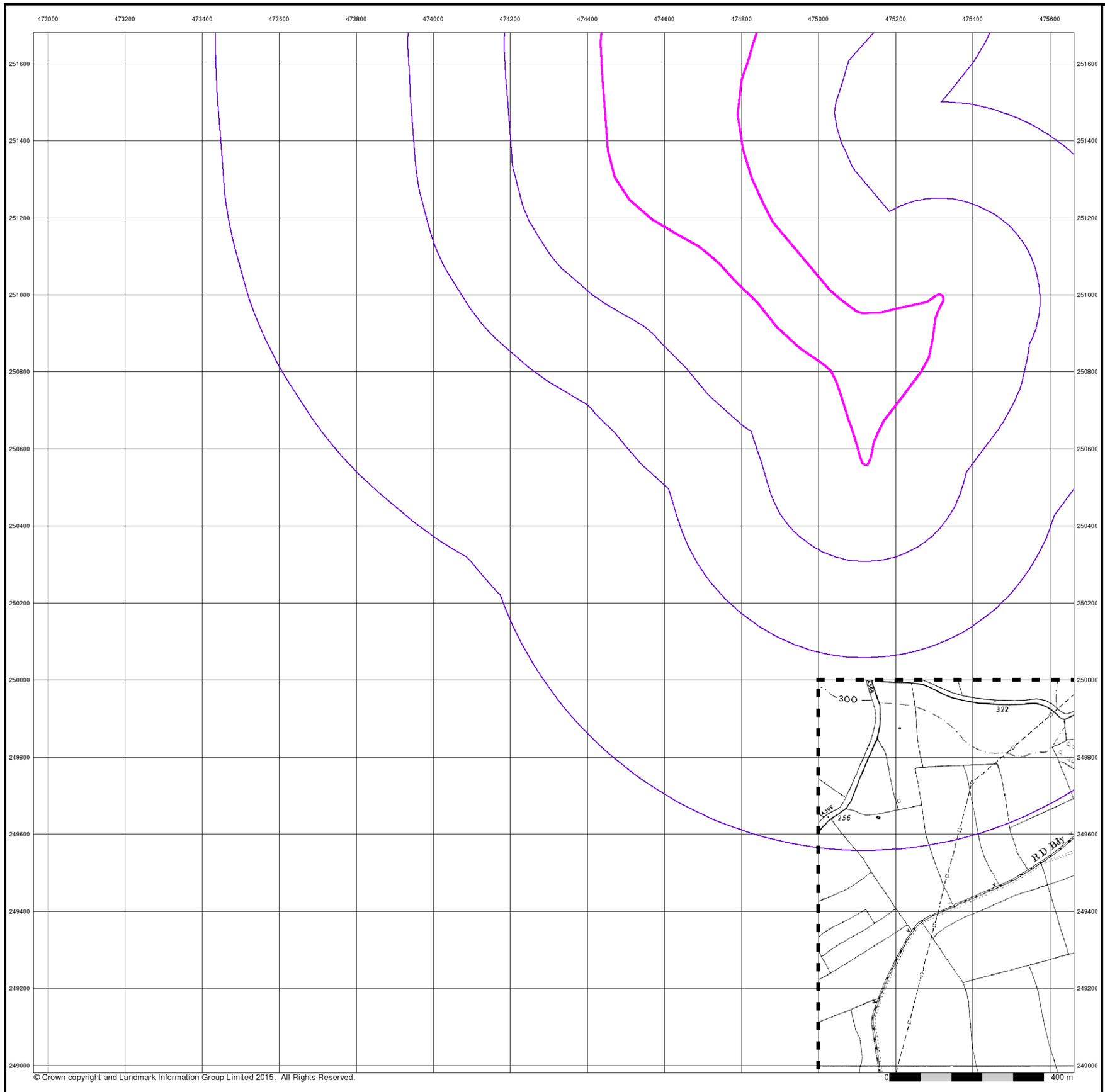
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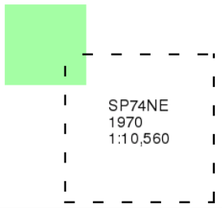
Ordnance Survey Plan

Published 1970

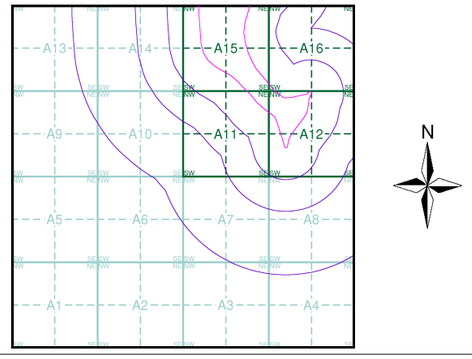
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

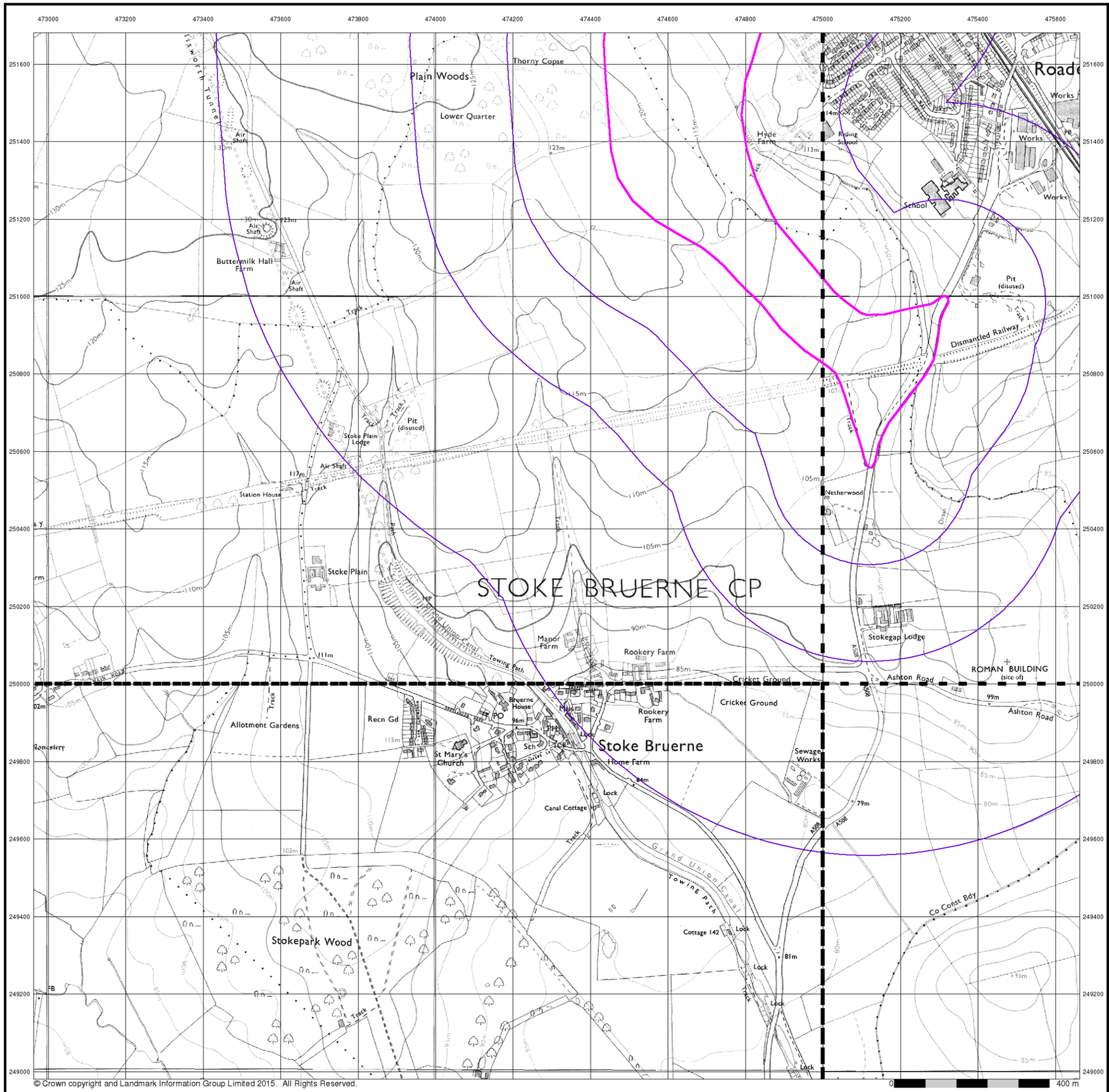
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Ordnance Survey Plan

Published 1982 - 1986

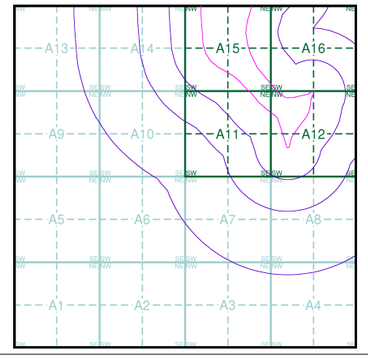
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Map Name(s) and Date(s)

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SP74NW 1986 1:10,000	SP74NE 1986 1:10,000

Historical Map - Slice A



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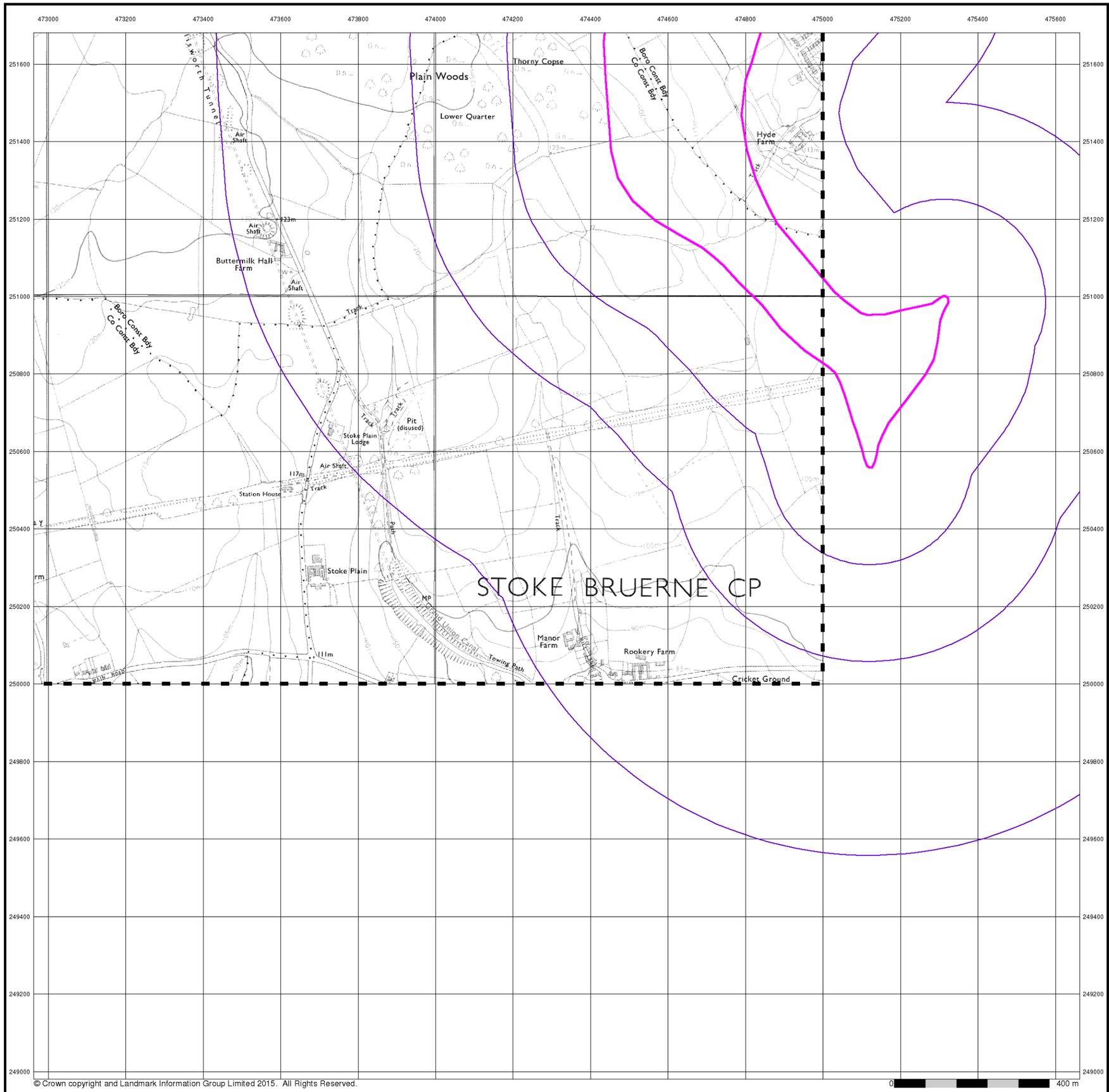
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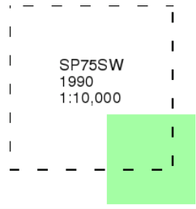
Ordnance Survey Plan

Published 1990

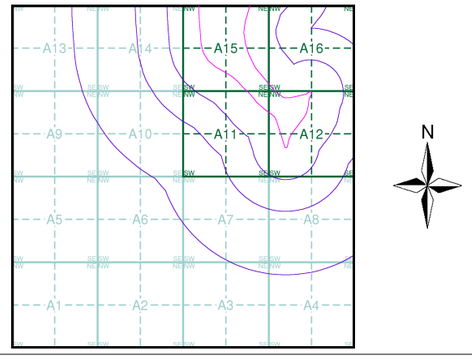
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Map Name(s) and Date(s)



Historical Map - Slice A



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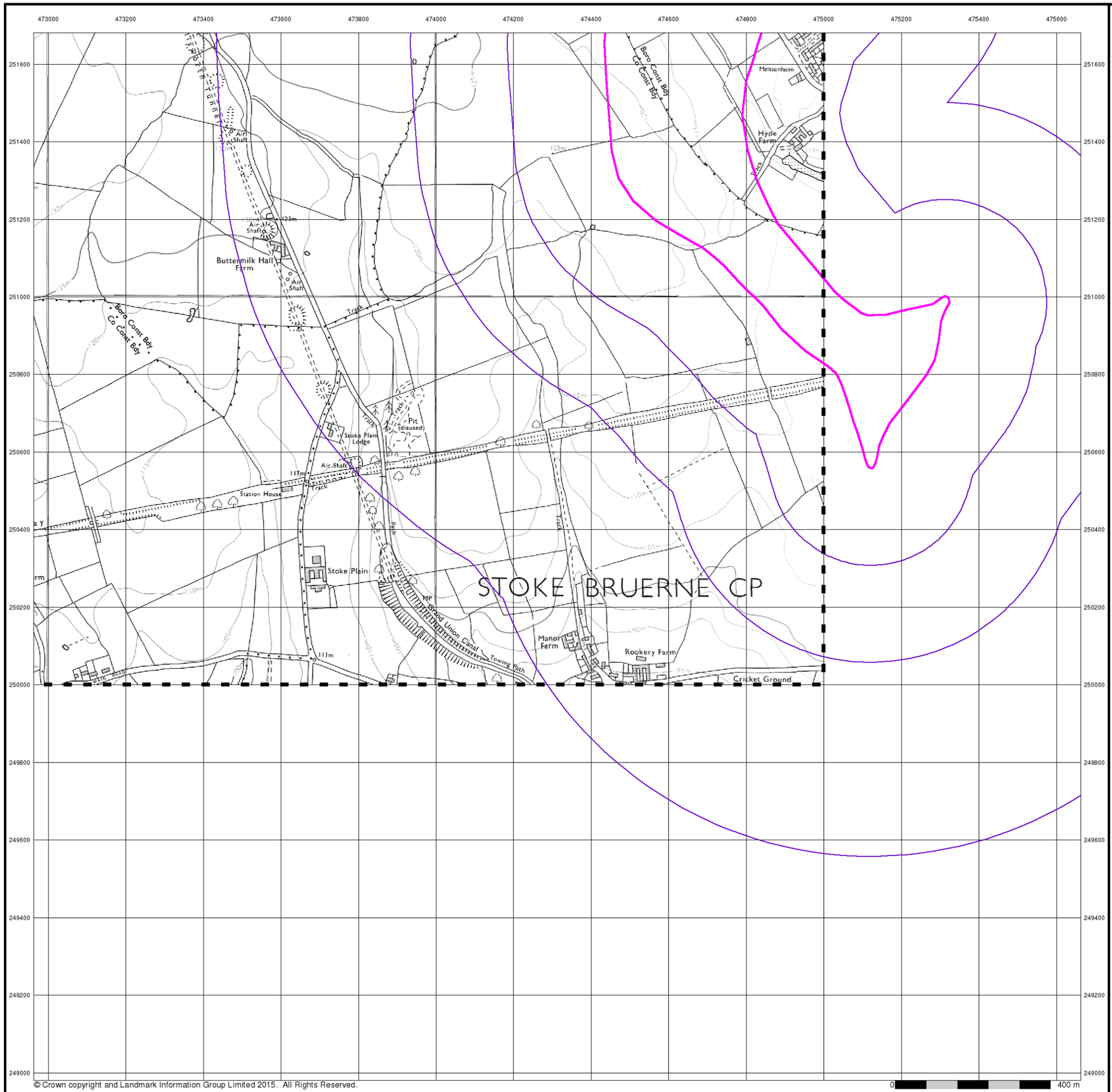
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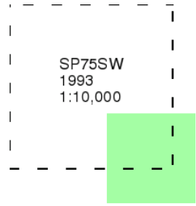
Ordnance Survey Plan

Published 1993

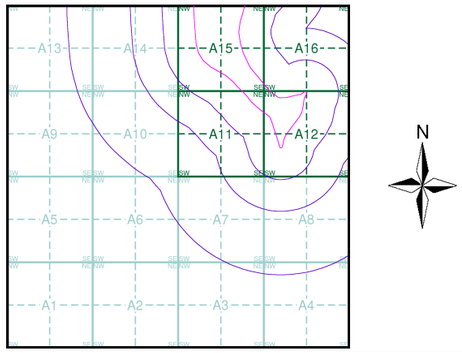
Source map scale - 1:10,000

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

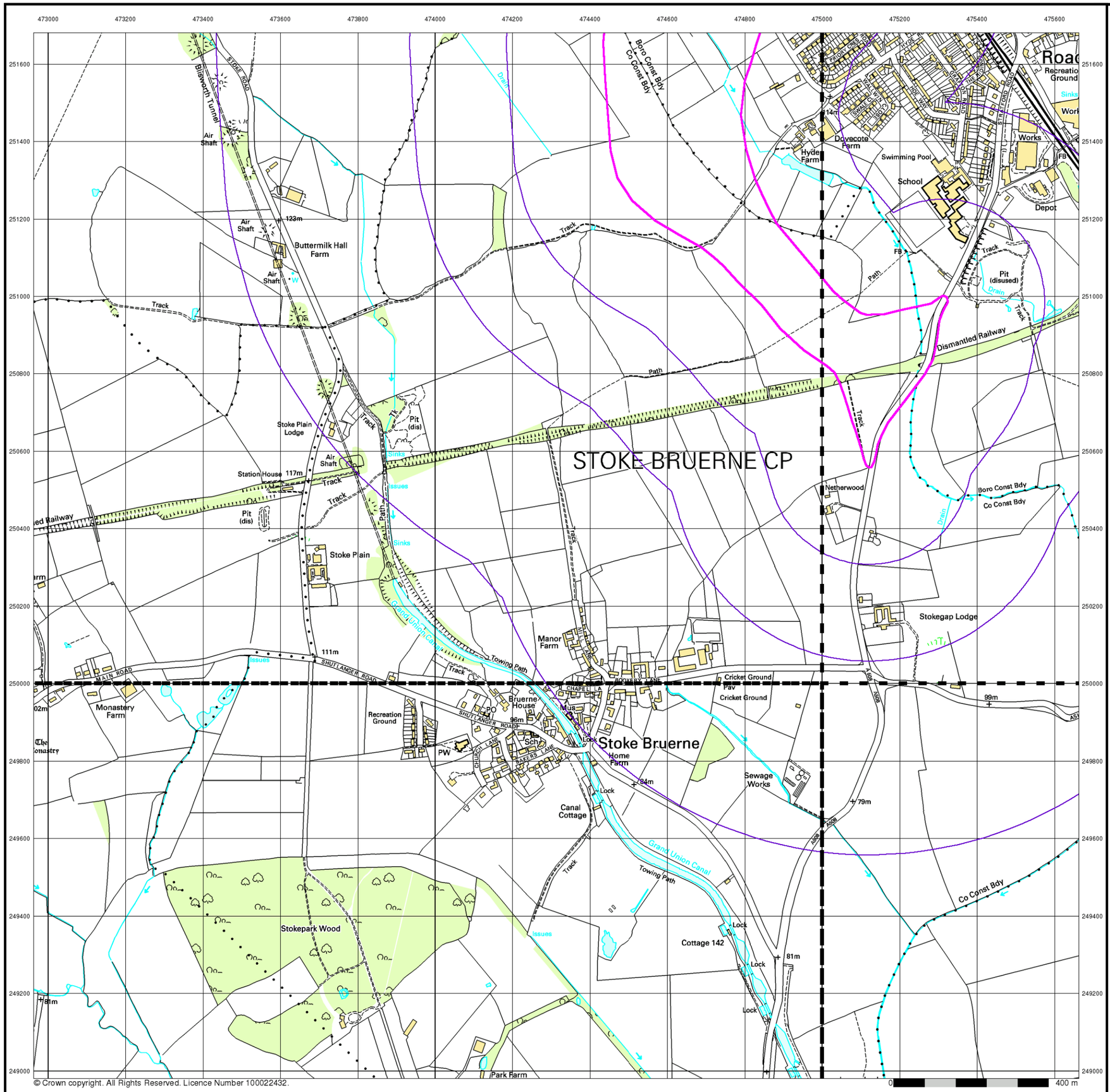
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

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



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10k Raster Mapping

Published 1999

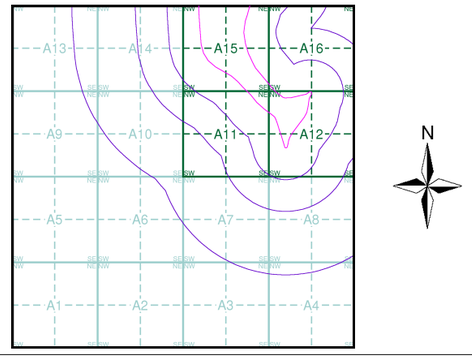
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP75SW 1999 1:10,000	SP75SE 1999 1:10,000
SP74NW 1999 1:10,000	SP74NE 1999 1:10,000

Historical Map - Slice A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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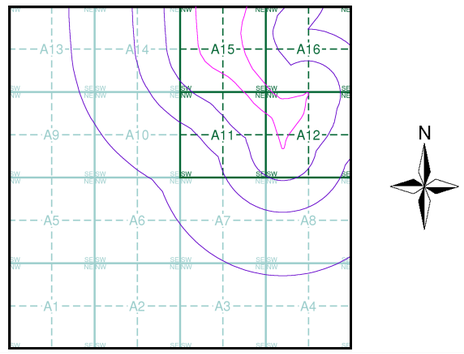
Envirocheck®

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 - Slice A



Order Details

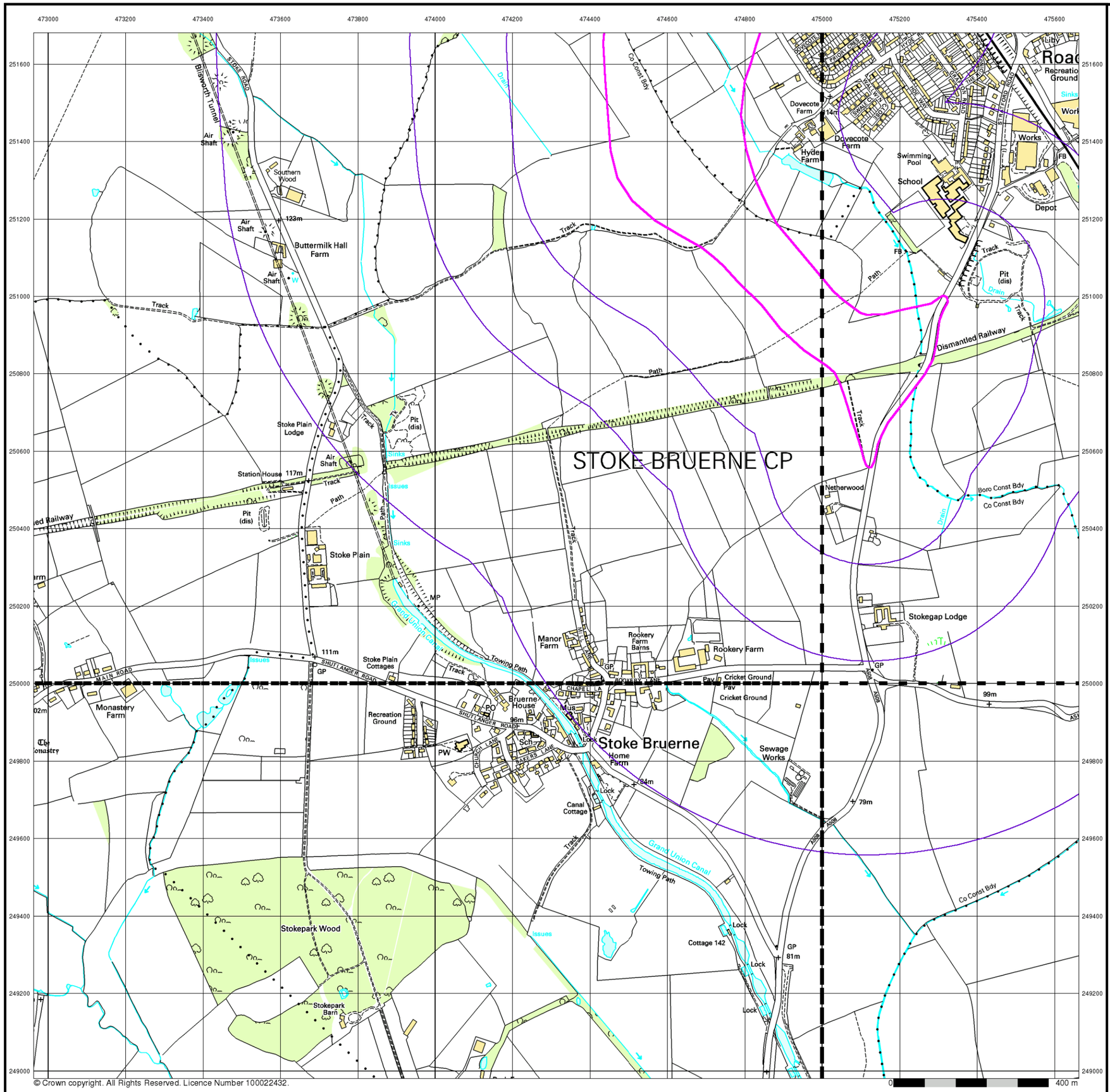
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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10k Raster Mapping

Published 2006

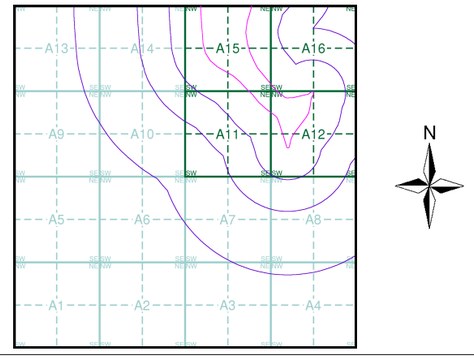
Source map scale - 1:10,000

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)

SP75SW 2006 1:10,000	SP75SE 2006 1:10,000
SP74NW 2006 1:10,000	SP74NE 2006 1:10,000

Historical Map - Slice A



Order Details

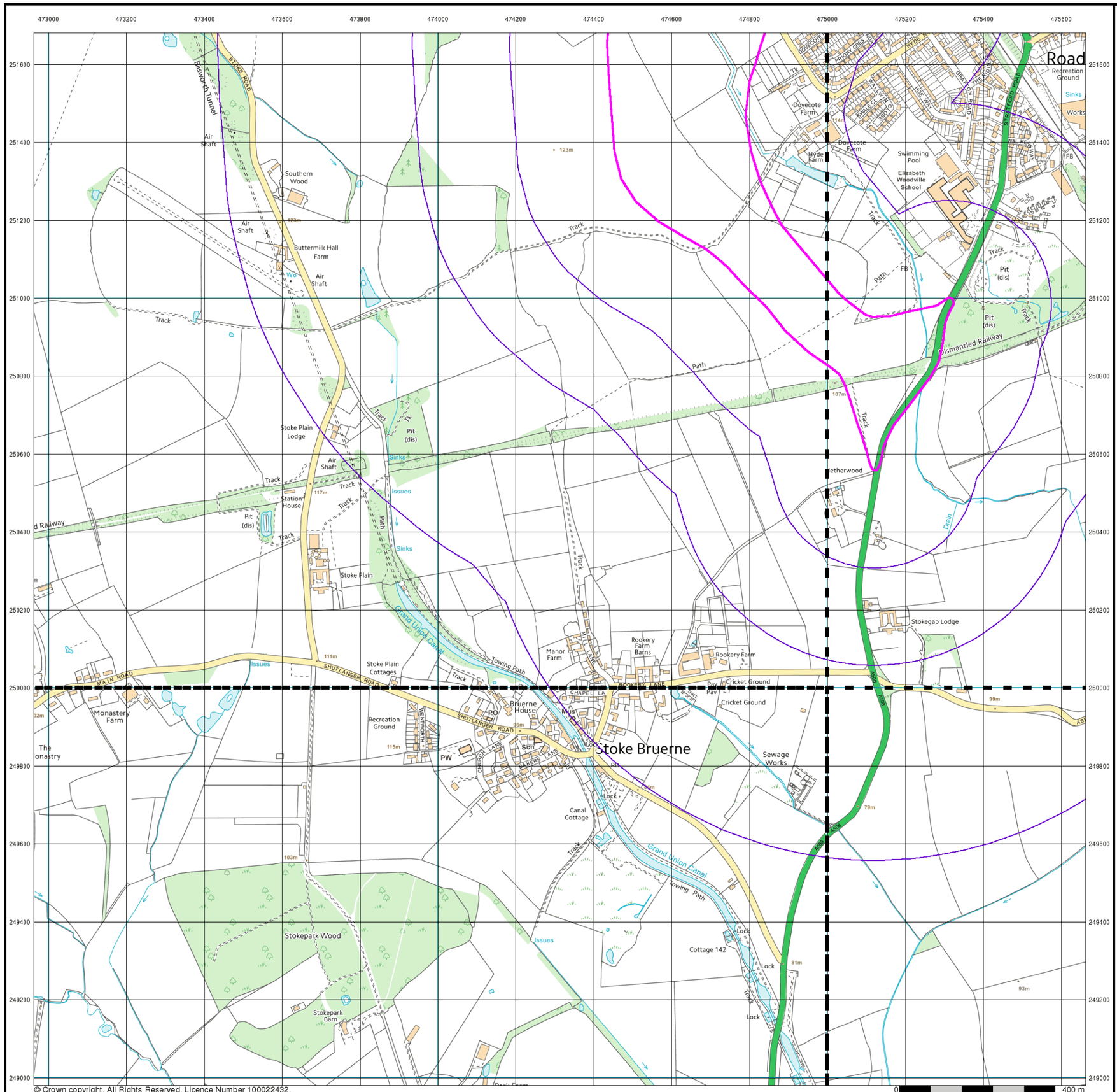
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Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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VectorMap Local

Published 2016

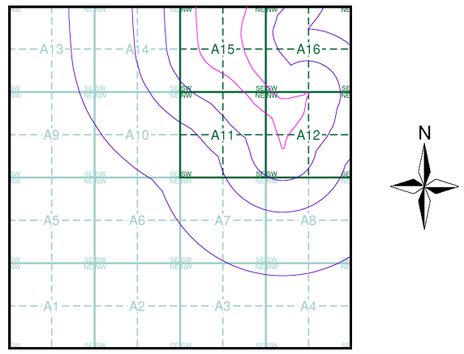
Source map scale - 1:10,000

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)

SP75SW 2016 Variable	SP75SE 2016 Variable
SP74NW 2016 Variable	SP74NE 2016 Variable

Historical Map - Slice A



Order Details

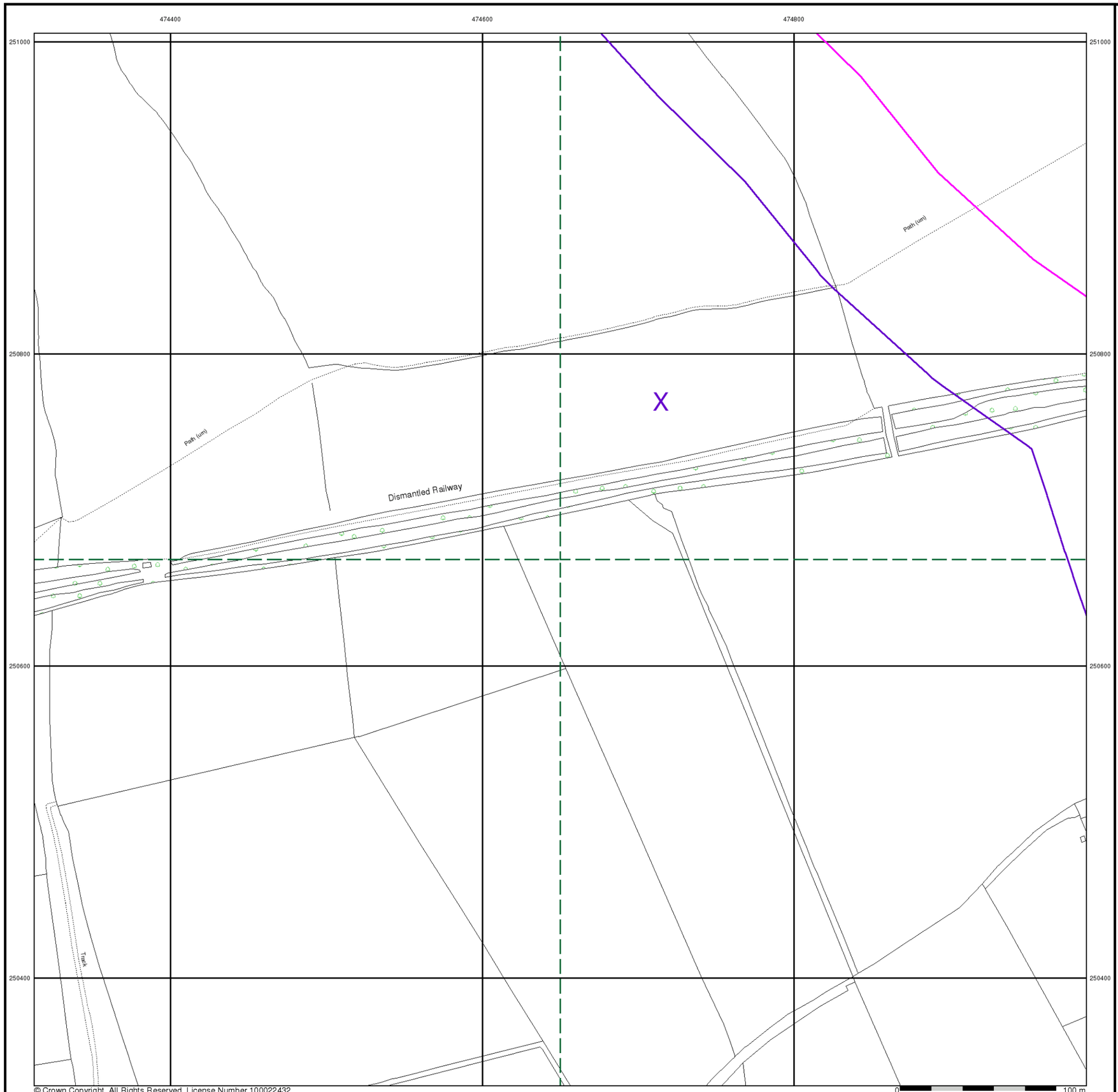
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

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Envirocheck®

General

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

Agency and Hydrological

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

Hazardous Substances

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

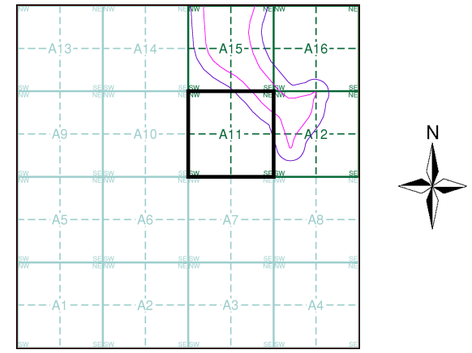
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A11



Order Details

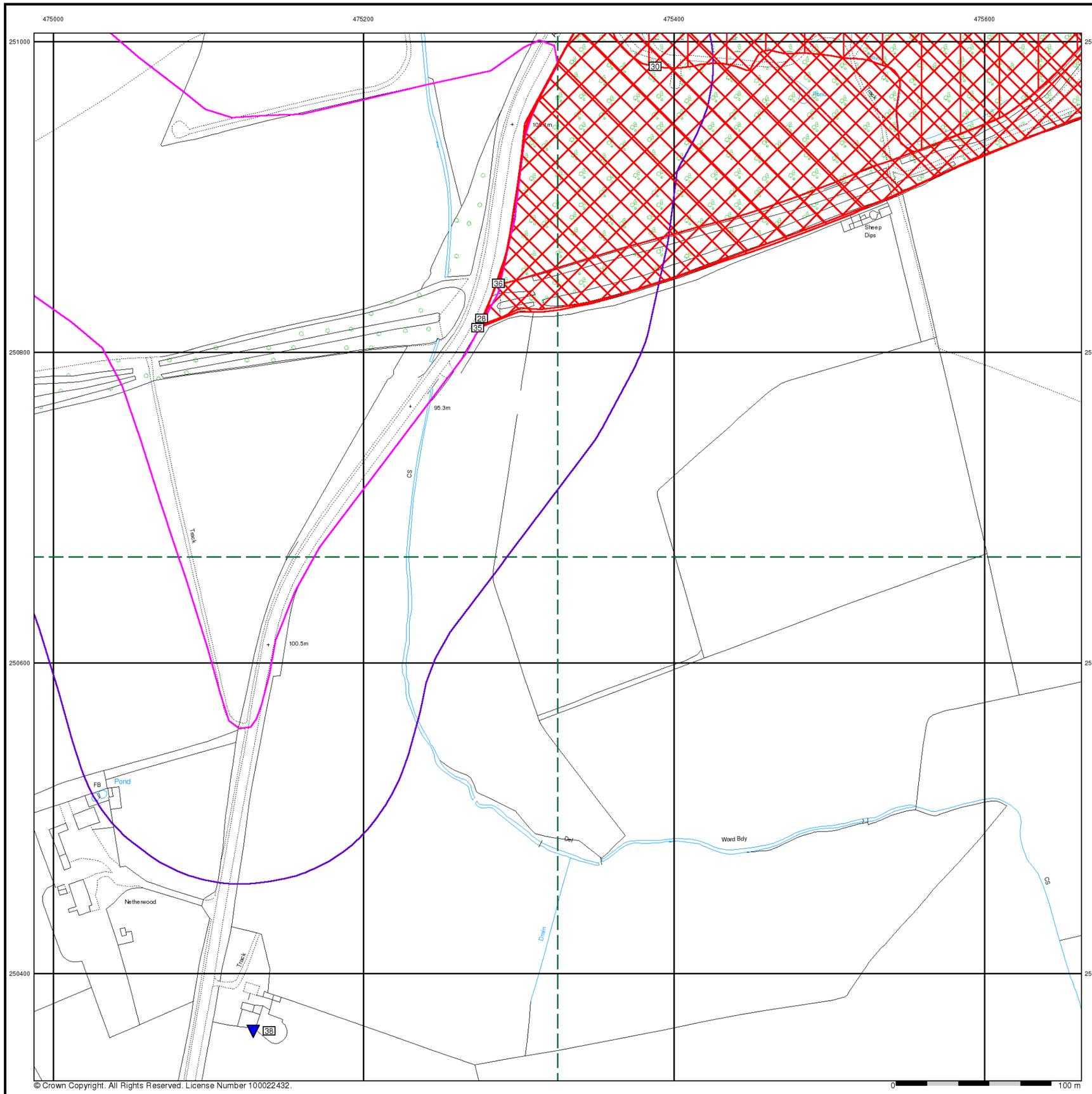
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

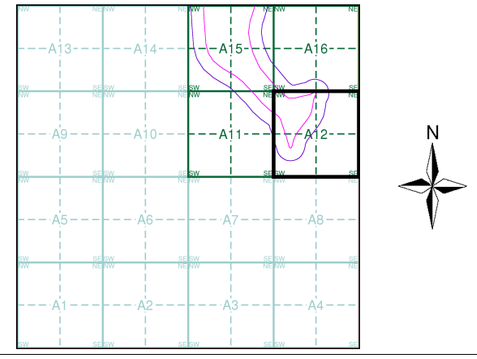
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A12



Order Details

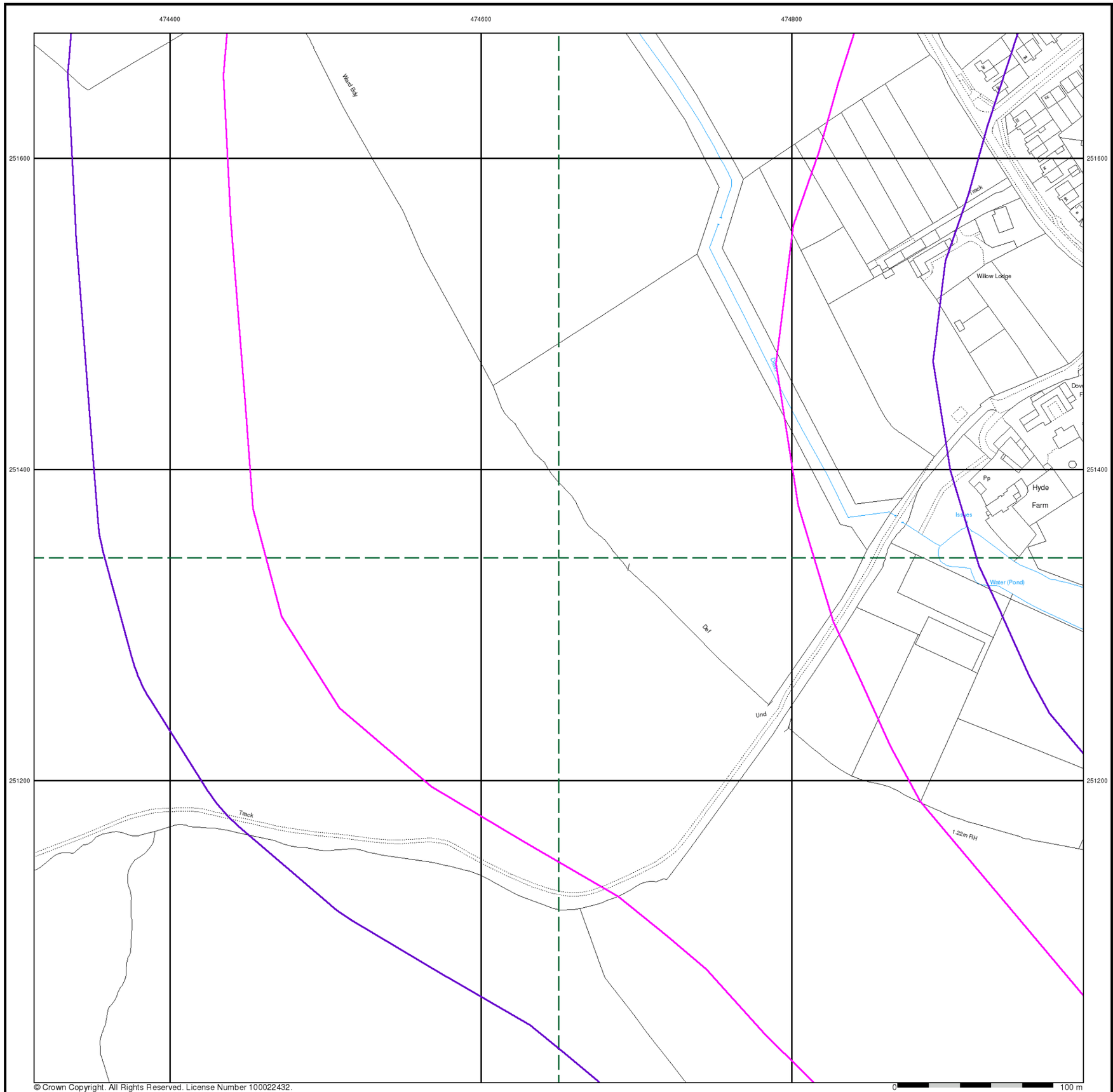
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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



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Envirocheck®

General

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

Agency and Hydrological

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

Hazardous Substances

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

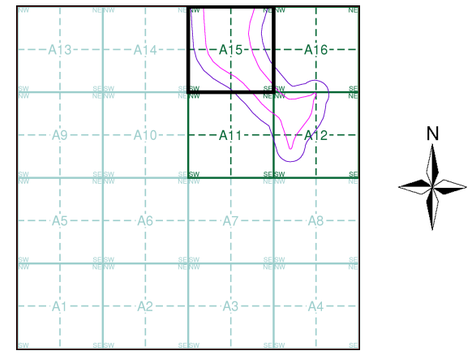
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A15



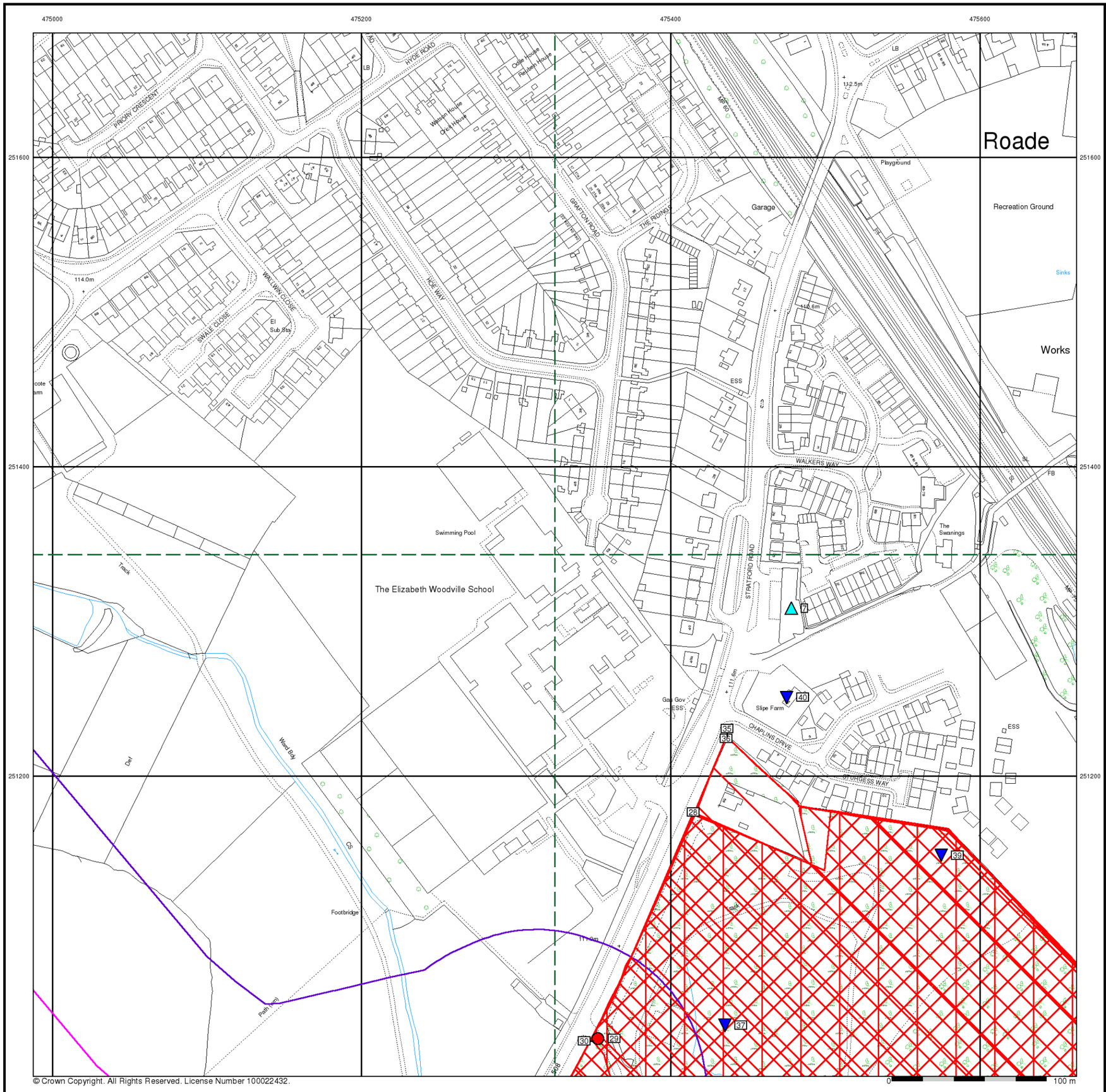
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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General

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

Agency and Hydrological

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

Waste

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

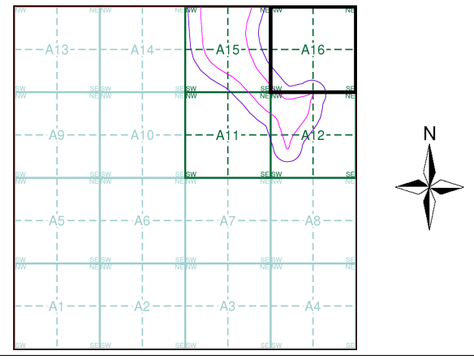
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A16



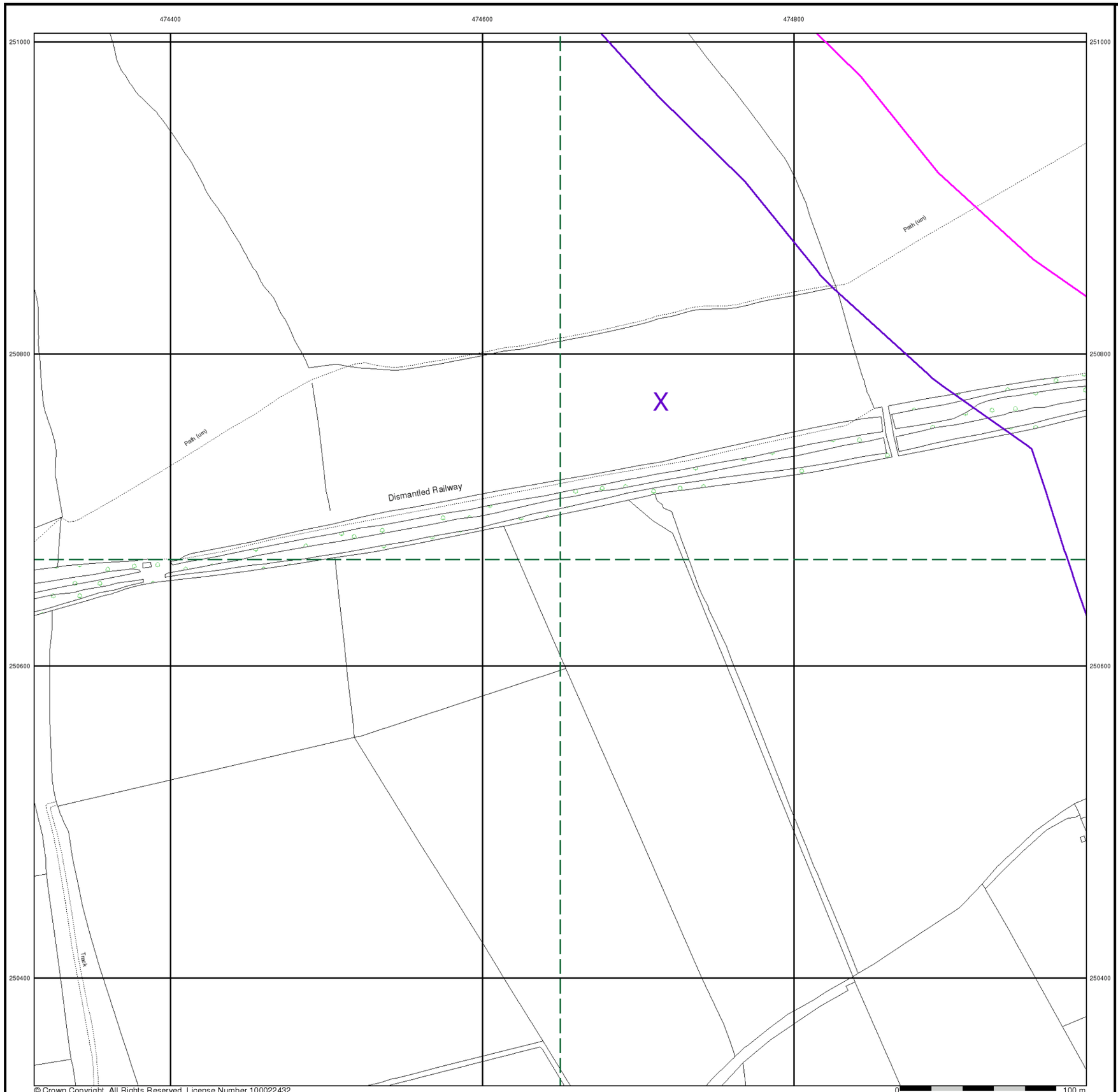
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

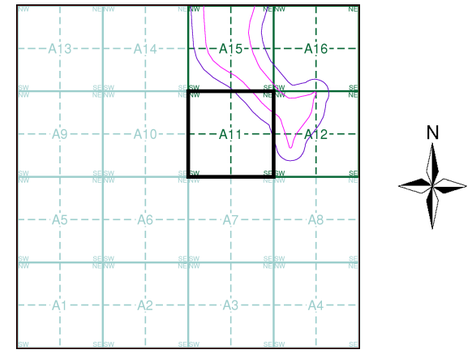
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A11



Order Details

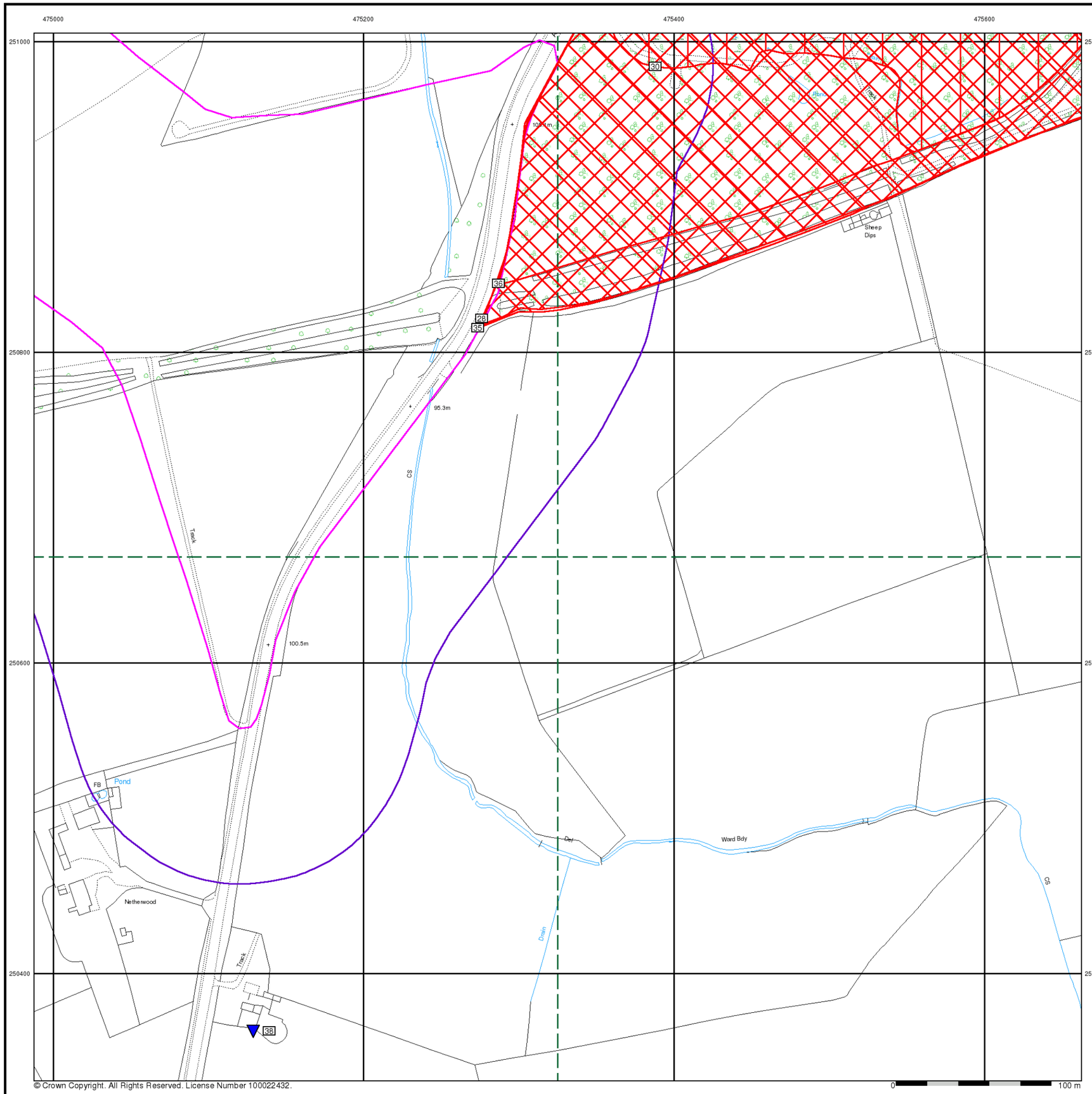
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

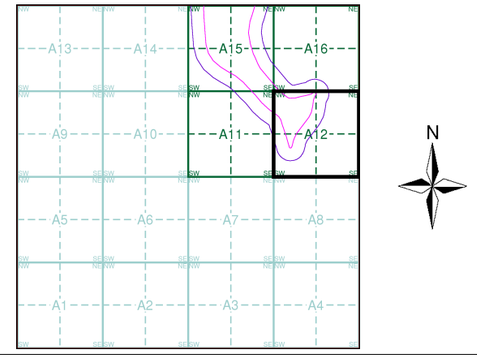
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A12



Order Details

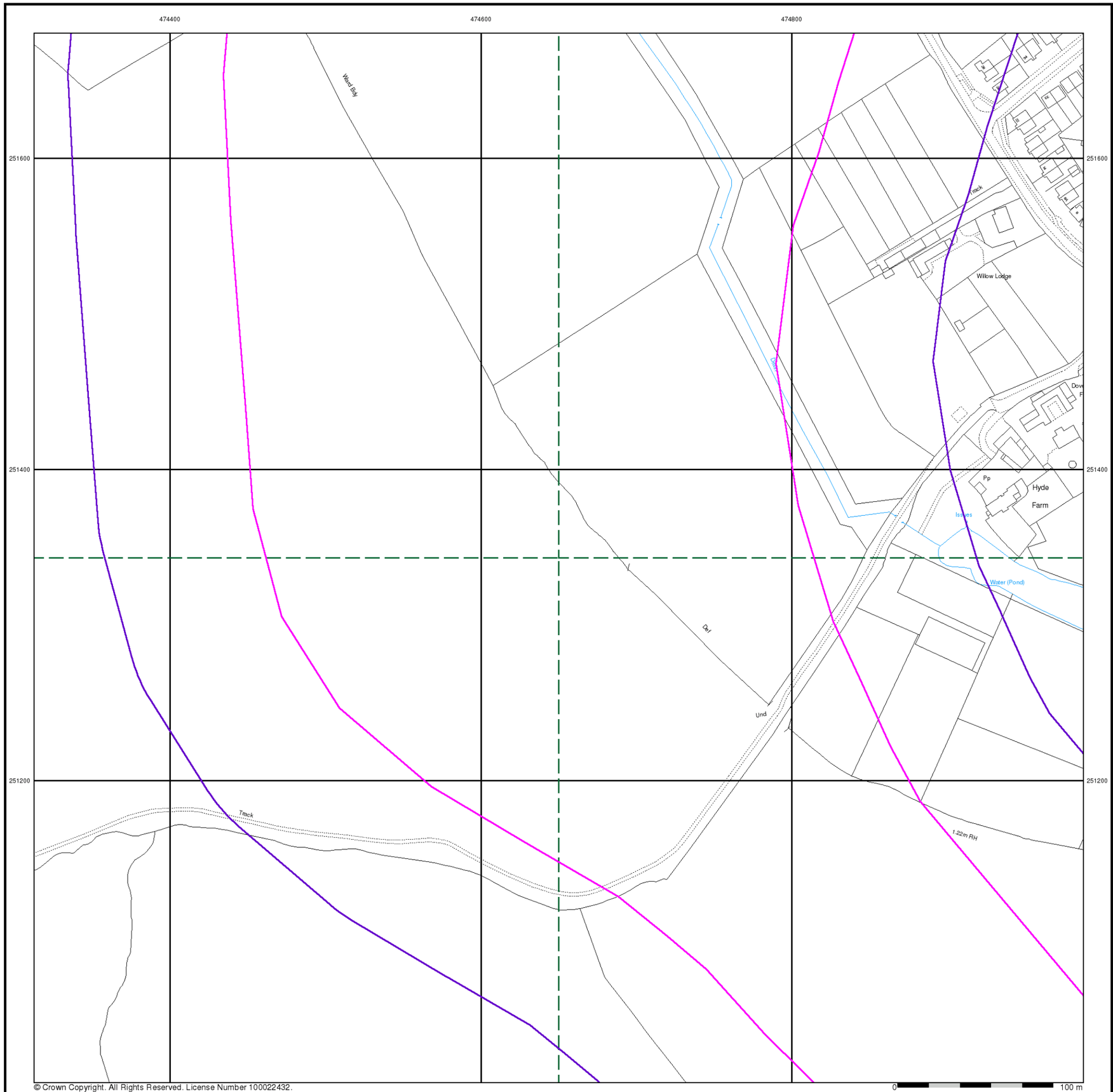
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

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



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Envirocheck®

General

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

Agency and Hydrological

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

Hazardous Substances

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

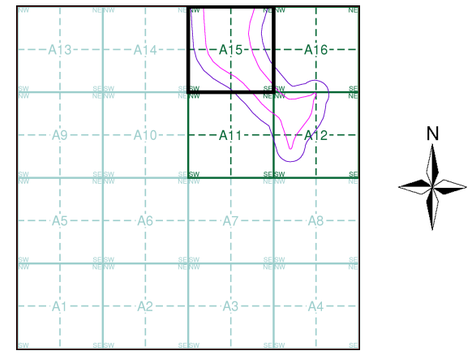
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A15



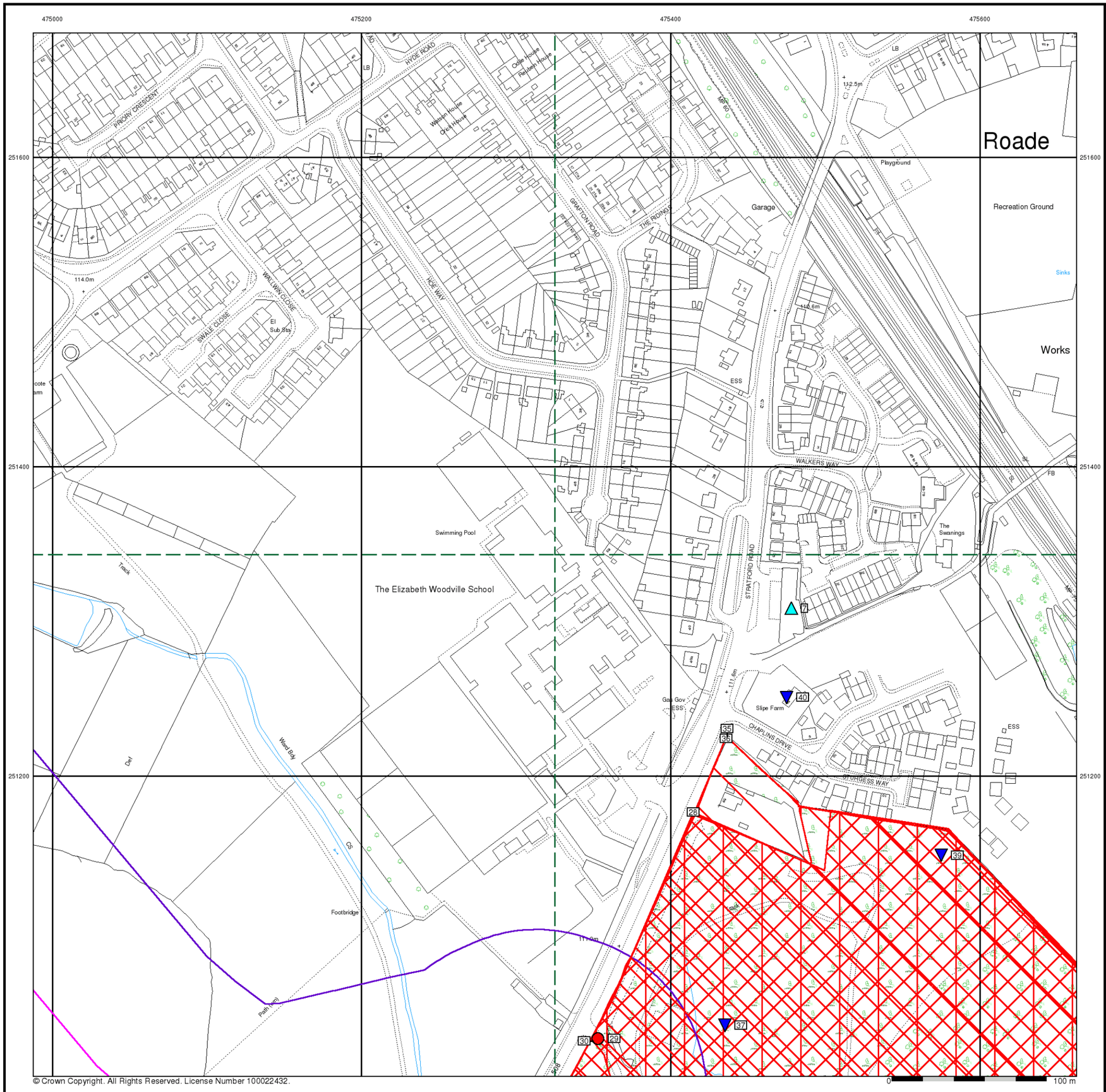
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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



Envirocheck®

General

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

Agency and Hydrological

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

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
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- Local Authority Recorded Landfill Site
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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

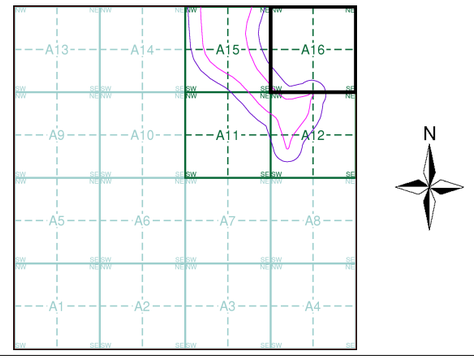
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A16



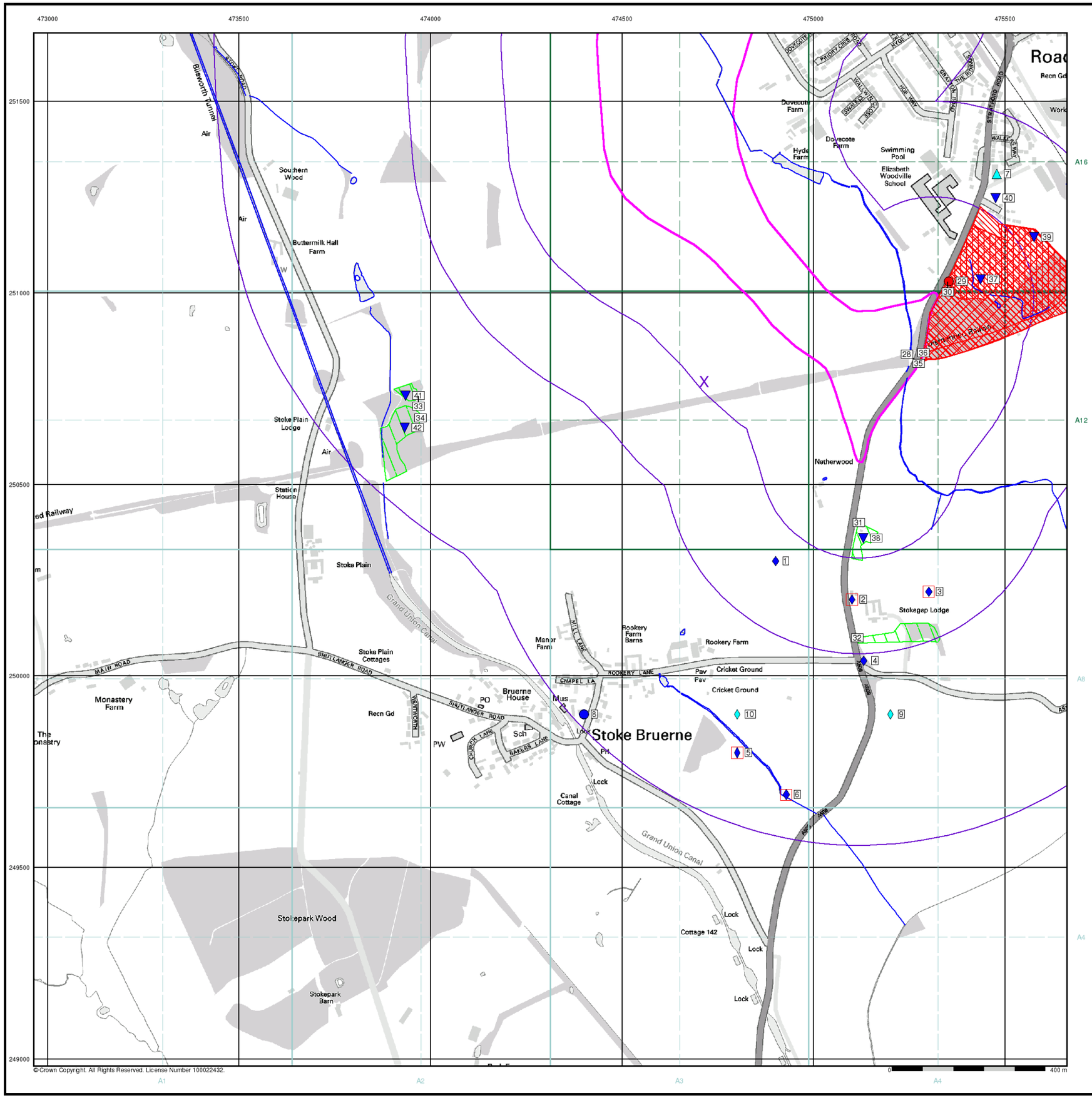
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Web: www.envirocheck.co.uk



Envirocheck®

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
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- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

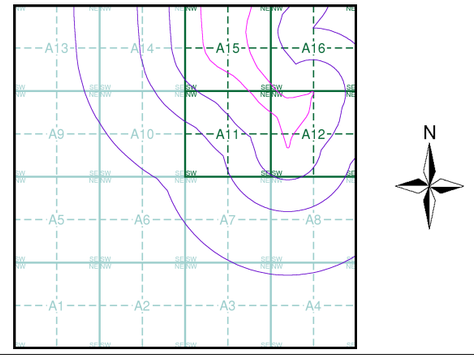
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
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- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

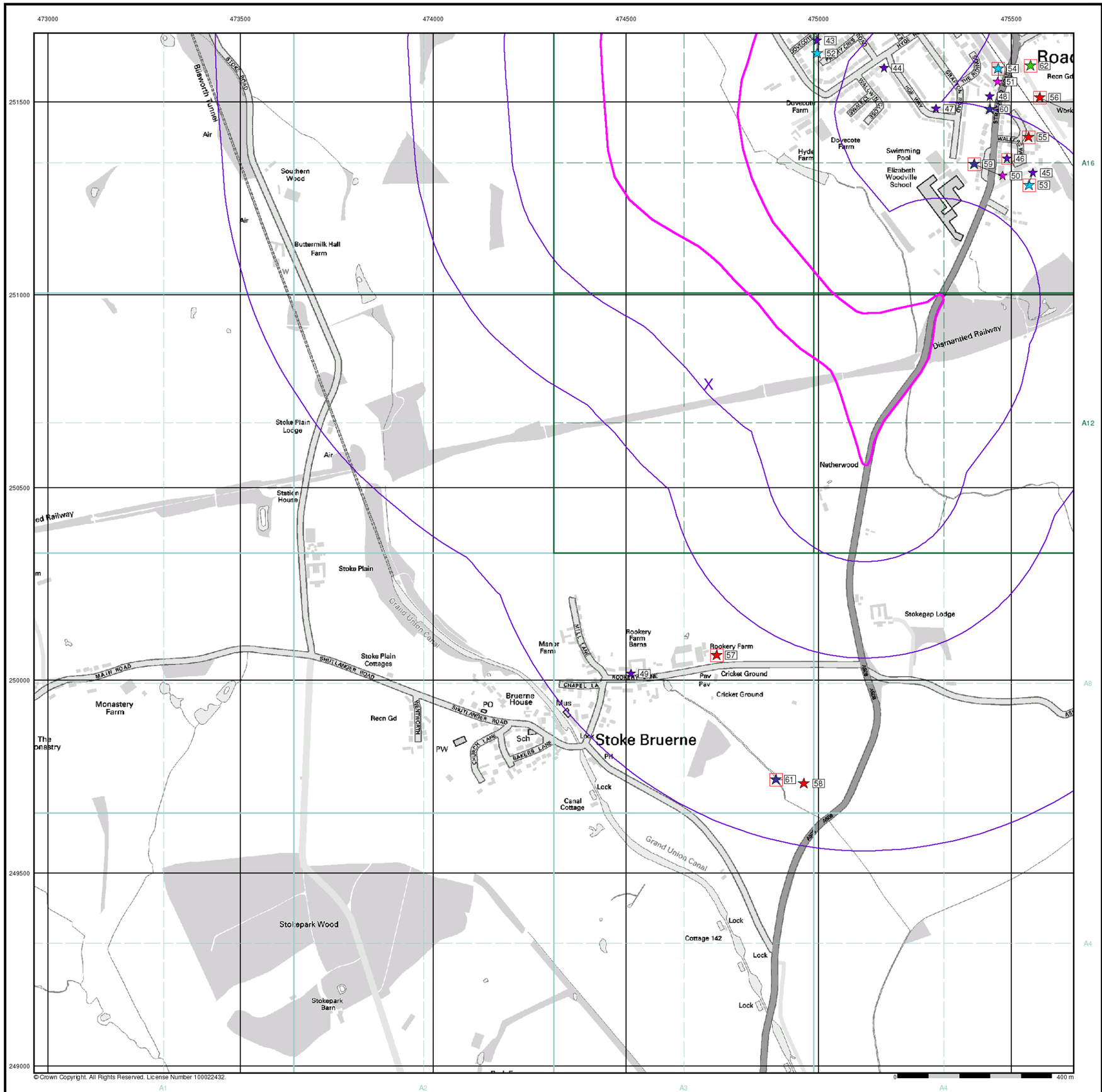
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Industrial Land Use Map

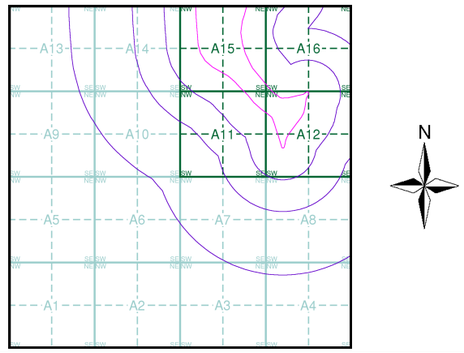
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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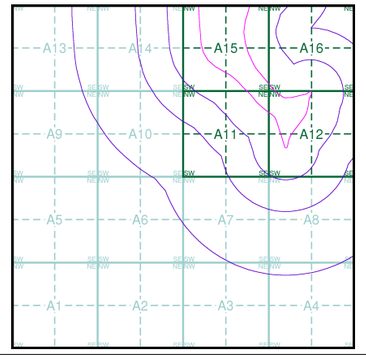
General

- 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 A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
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

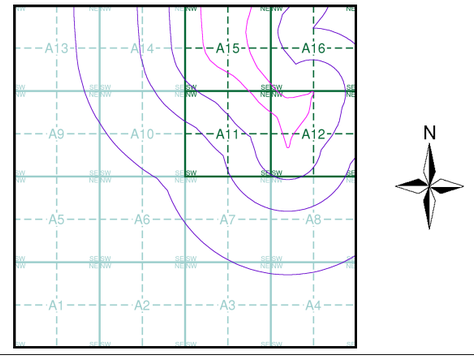
Agency and Hydrological (Boreholes)

- 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 A



Order Details

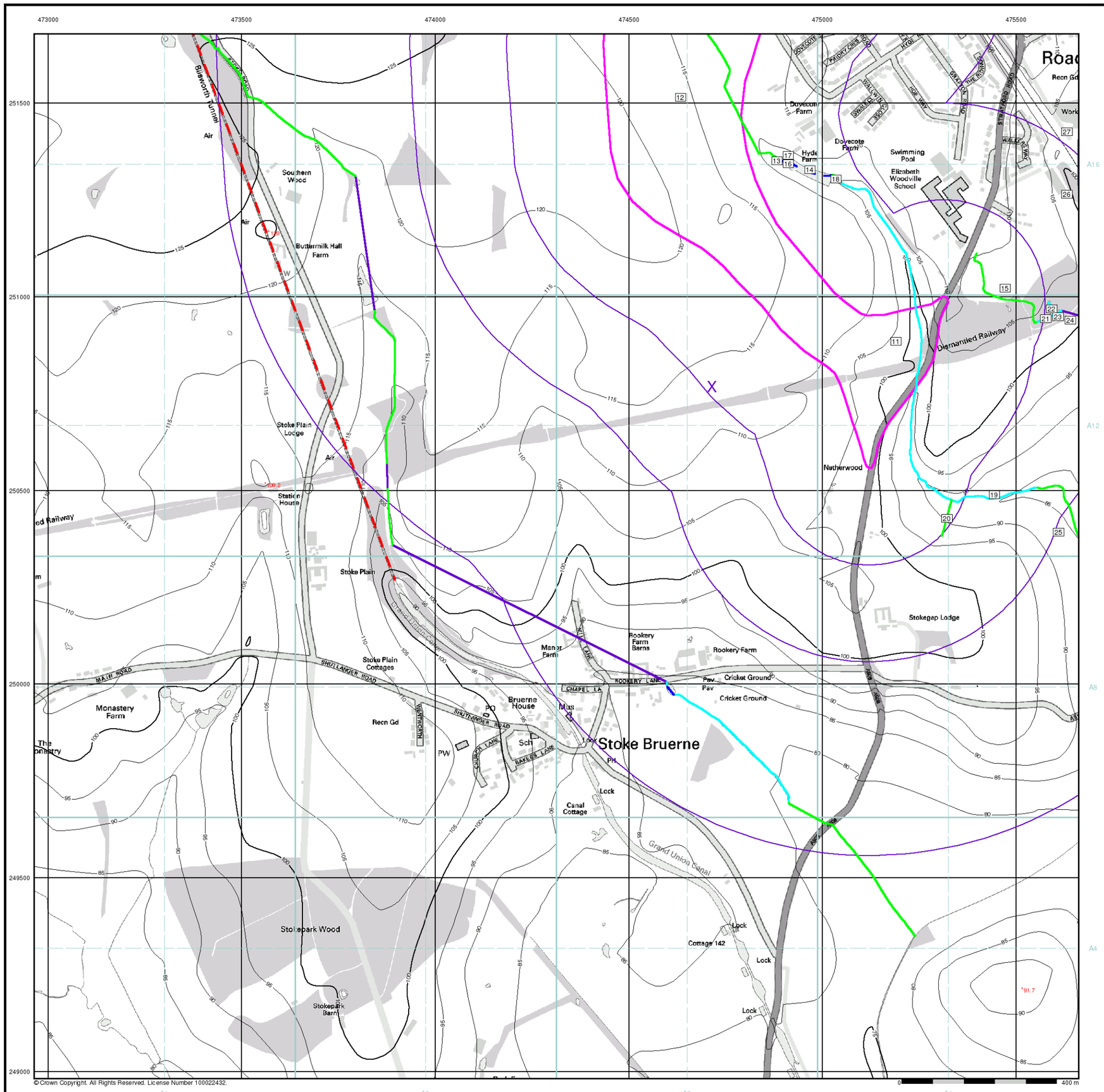
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

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Web: www.envirocheck.co.uk



General

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

Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

Standard Contour 105

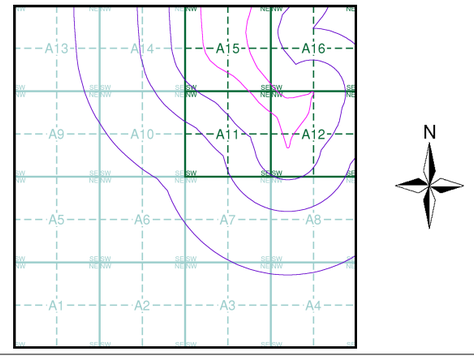
Master Contour 100

Spot Height *167.3

MLW Mean Low Water

MHW Mean High Water

EA/NRW Detailed River Network Map - Slice A



Order Details

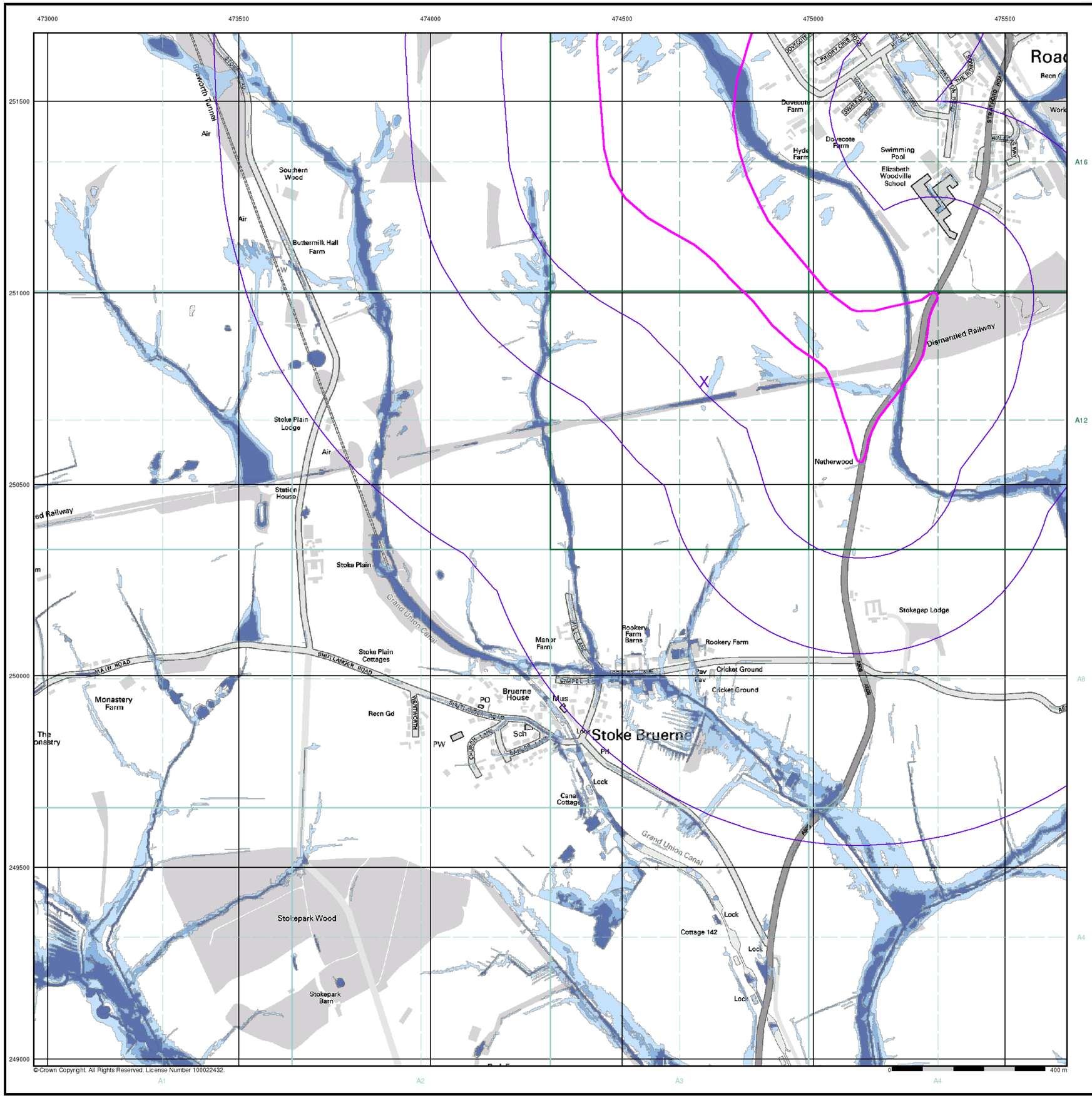
Order Number:	90638346_1_1
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National Grid Reference:	474710, 250770
Slice:	A
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Envirocheck®

General

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

Risk of Flooding from Surface Water

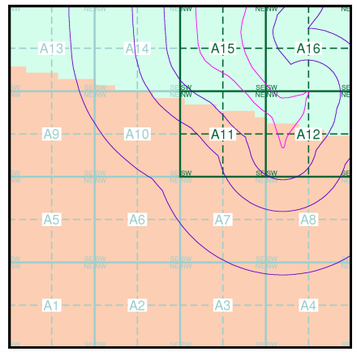
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

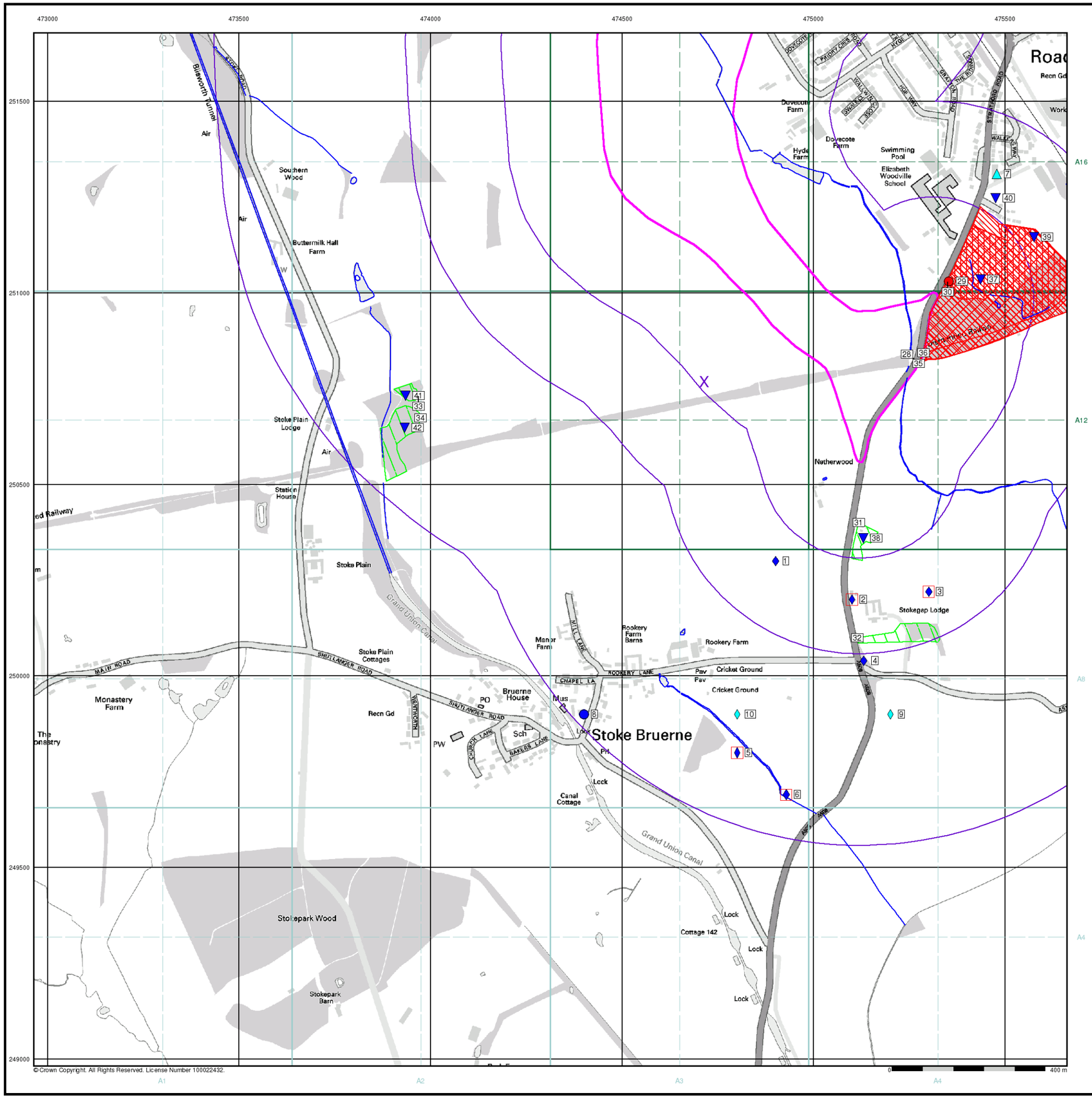
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Envirocheck®

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
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- Enforcement or Prohibition Notice
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- 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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- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

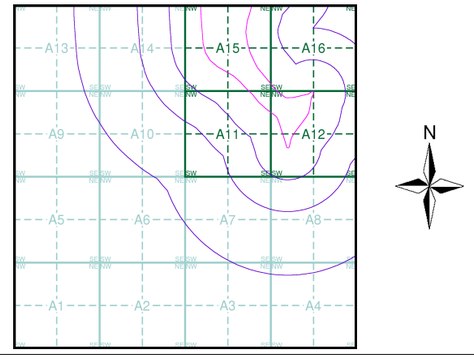
Geological

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

Site Sensitivity Map - Slice A



Order Details

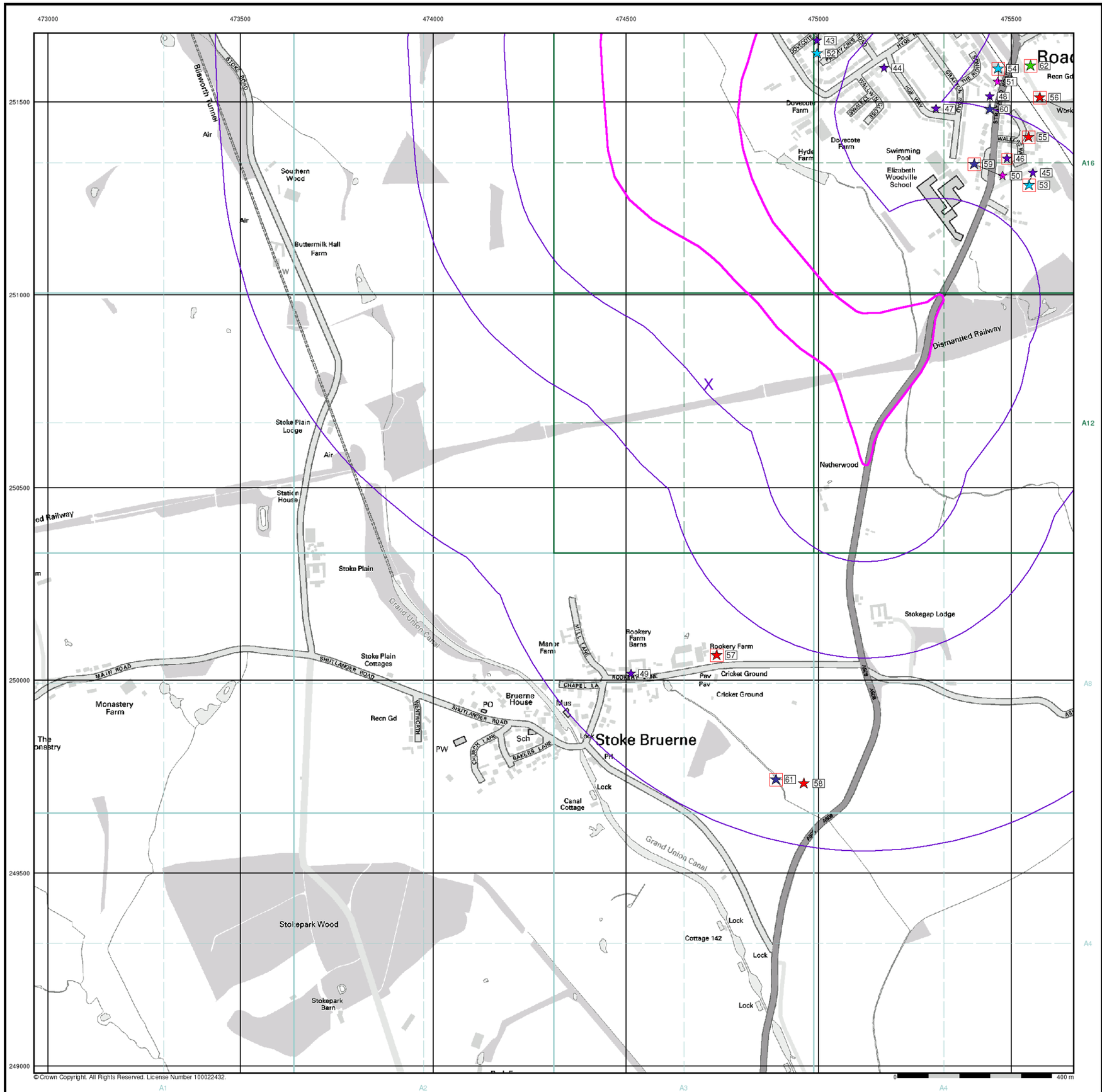
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

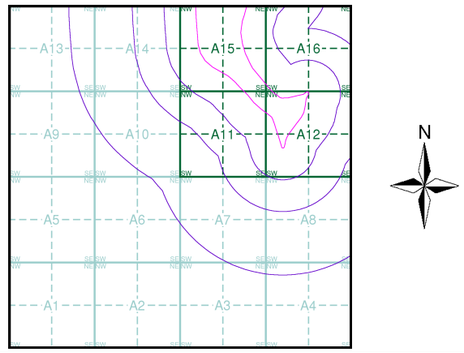
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
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Site Area (Ha):	72.92
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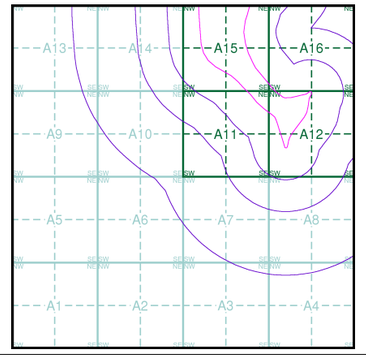
General

- 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 A



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

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- Specified Buffer(s)
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- Map ID
- Several of Type at Location

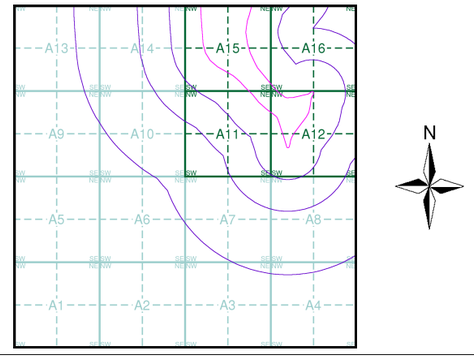
Agency and Hydrological (Boreholes)

- 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

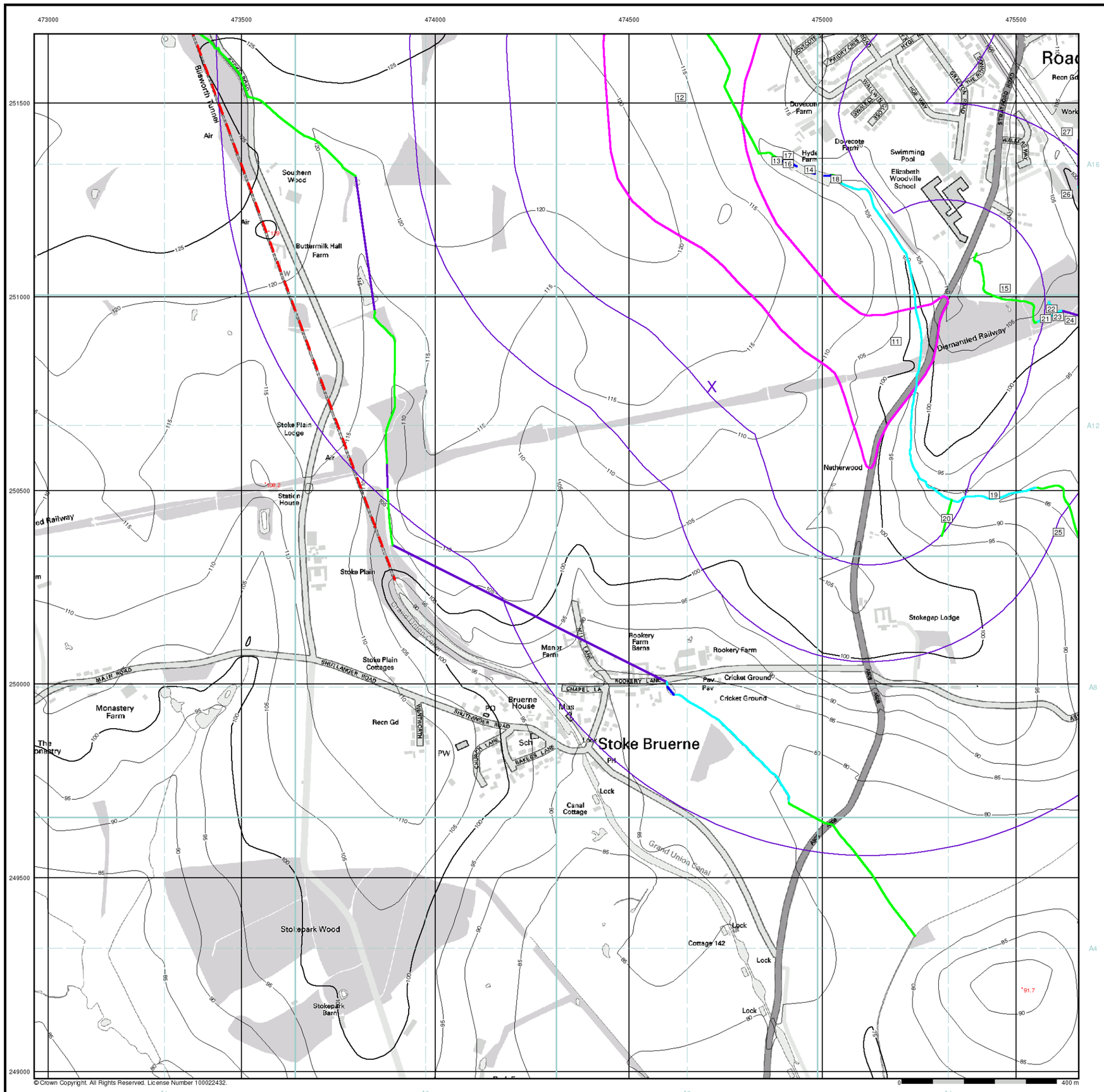
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Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

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



General

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

Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

Standard Contour 105

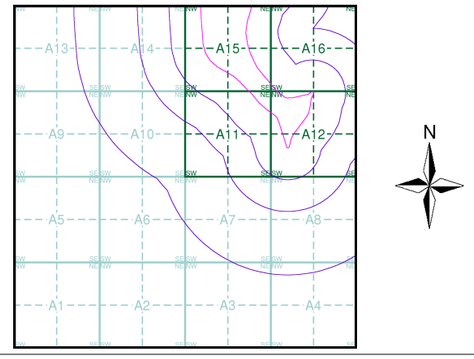
Master Contour 100

Spot Height *167.3

MLW Mean Low Water

MHW Mean High Water

EA/NRW Detailed River Network Map - Slice A



Order Details

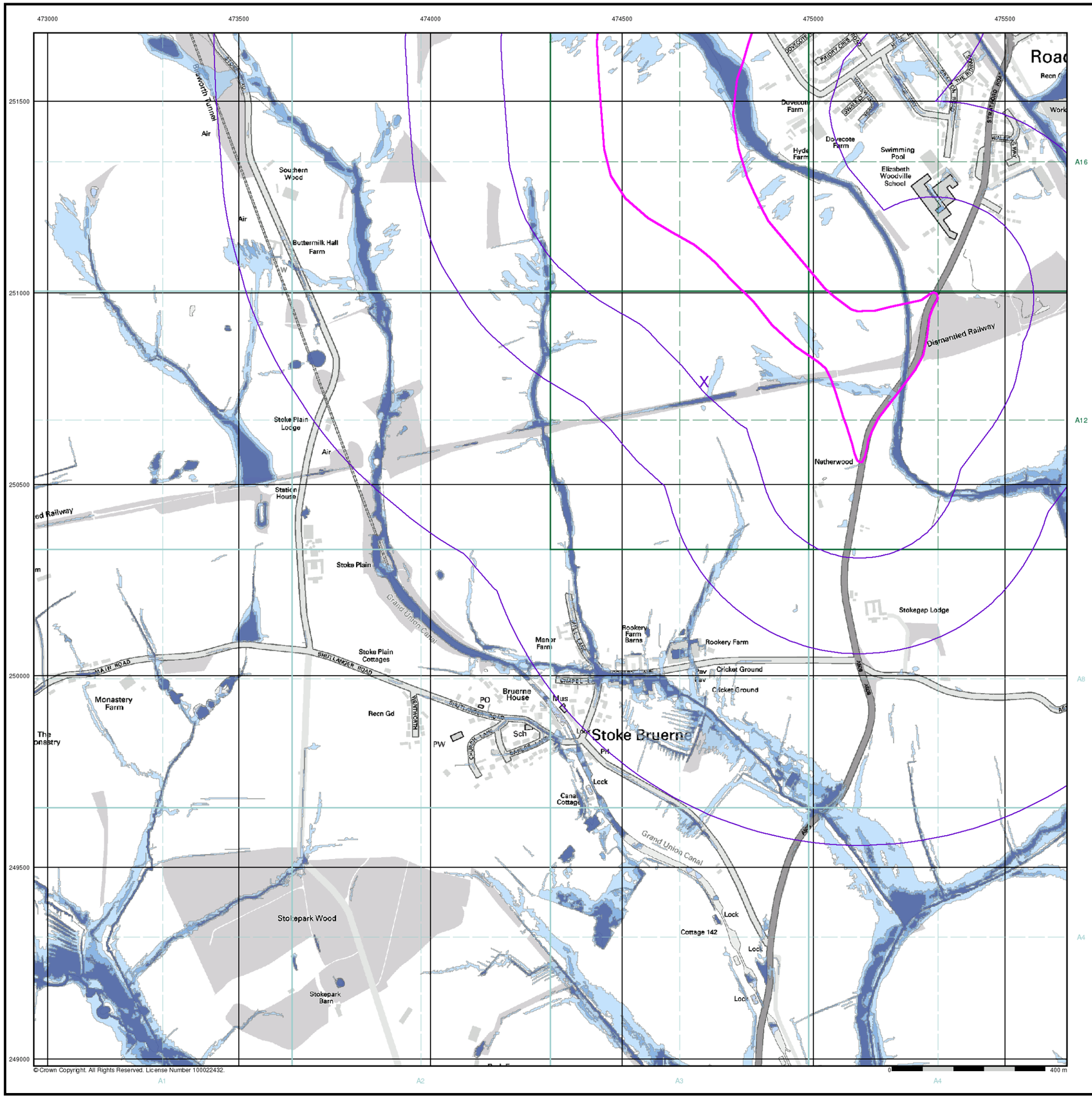
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Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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General

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

Risk of Flooding from Surface Water

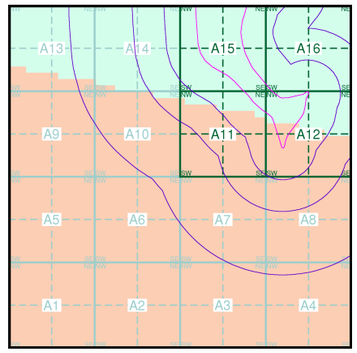
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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 A



Order Details

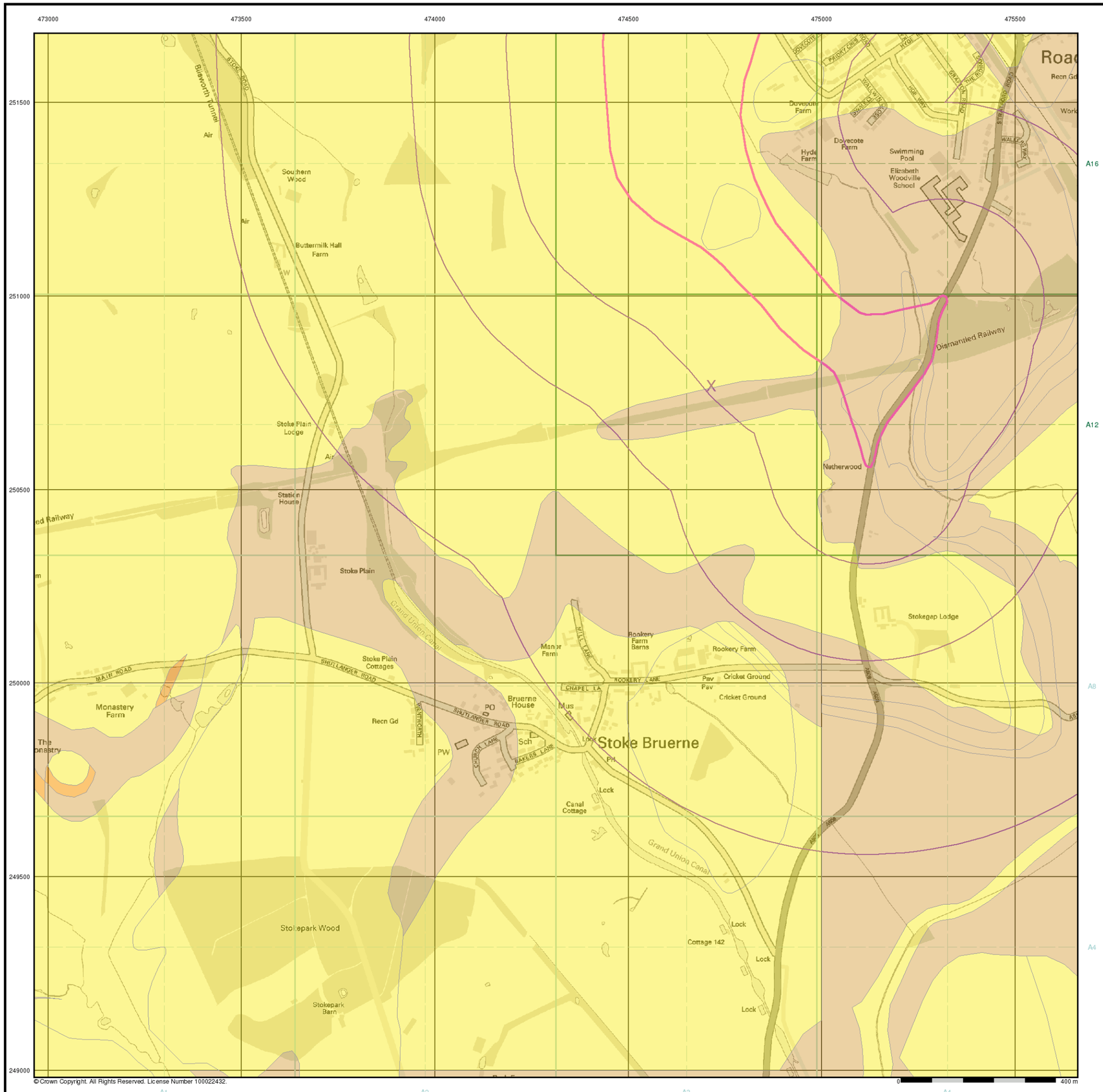
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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General

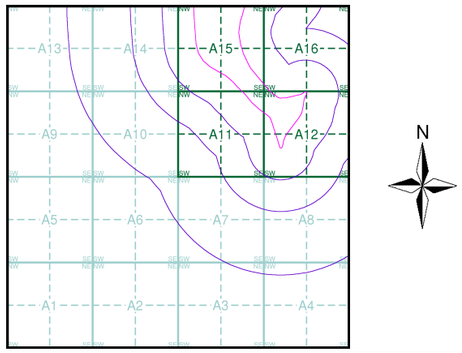
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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 A



Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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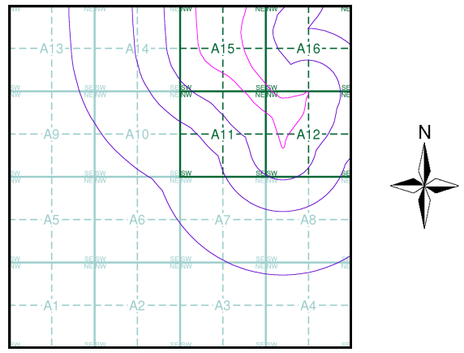
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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 A



Order Details

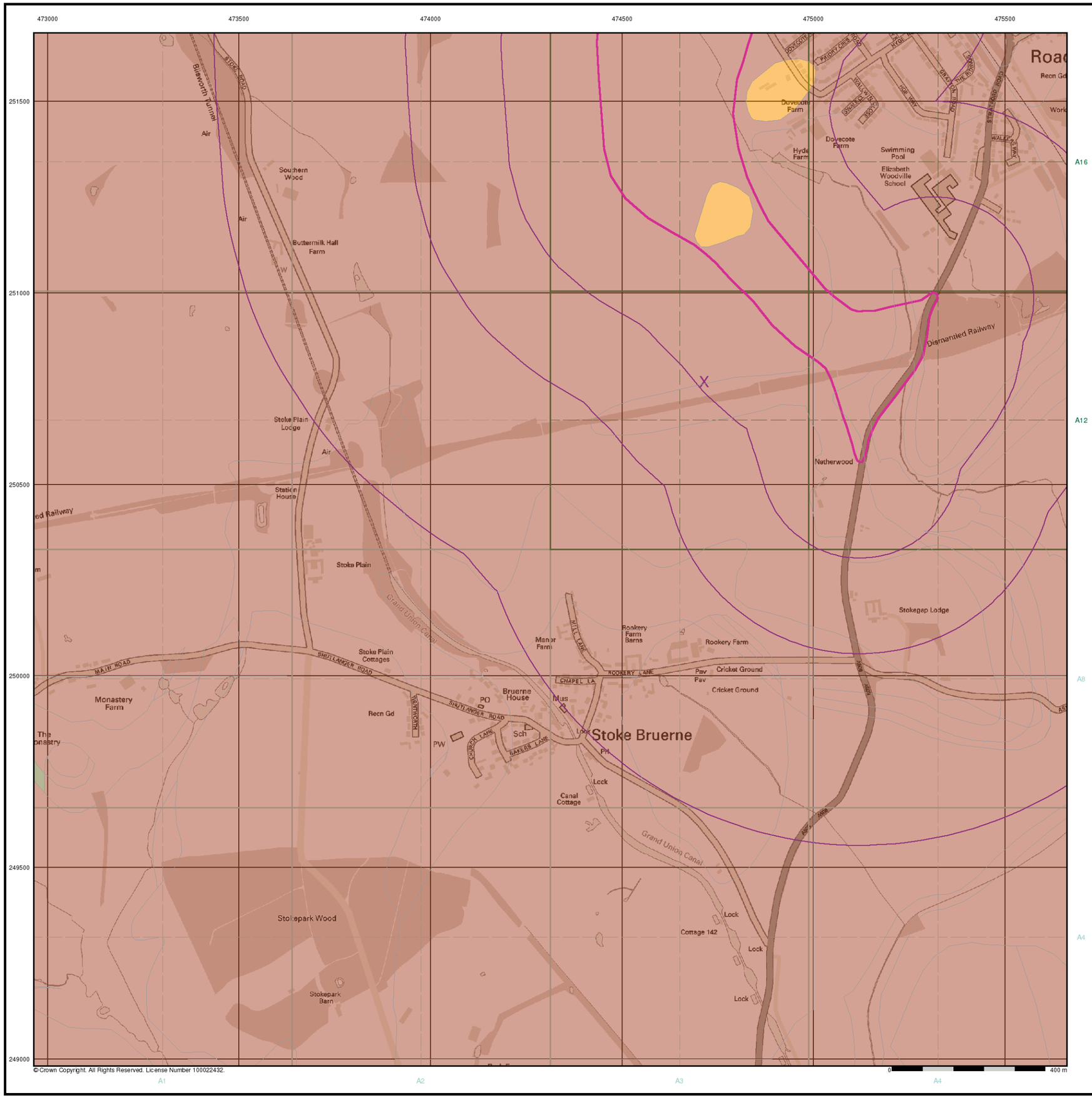
Order Details:	90638346_1_1
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General

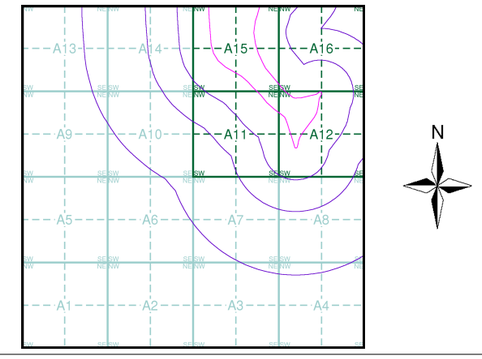
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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 A

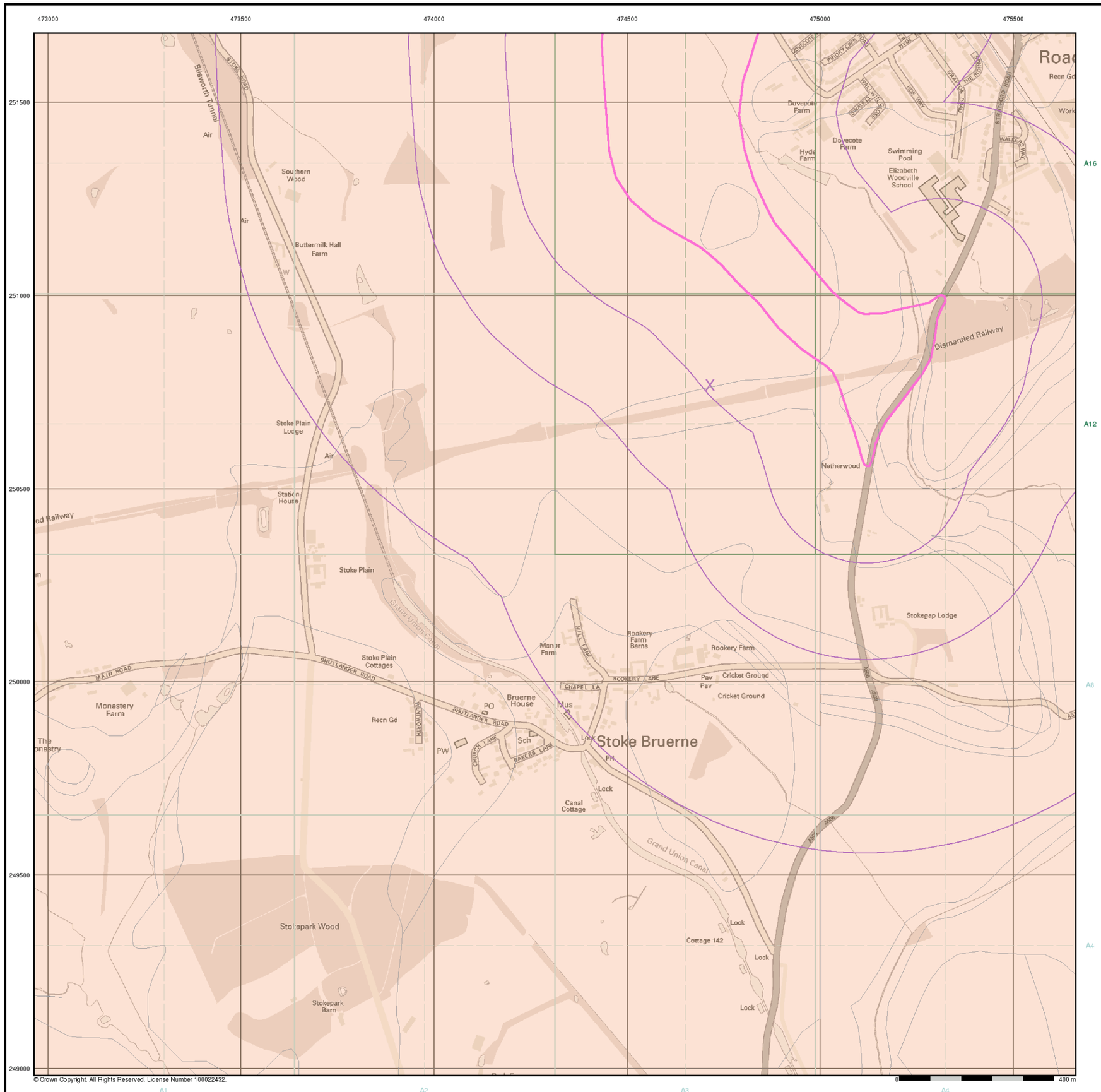


Order Details

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Site Details

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General

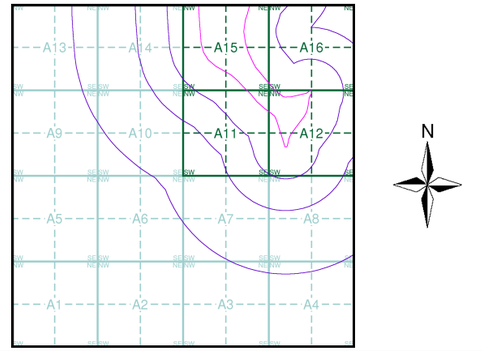
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice A



Order Details

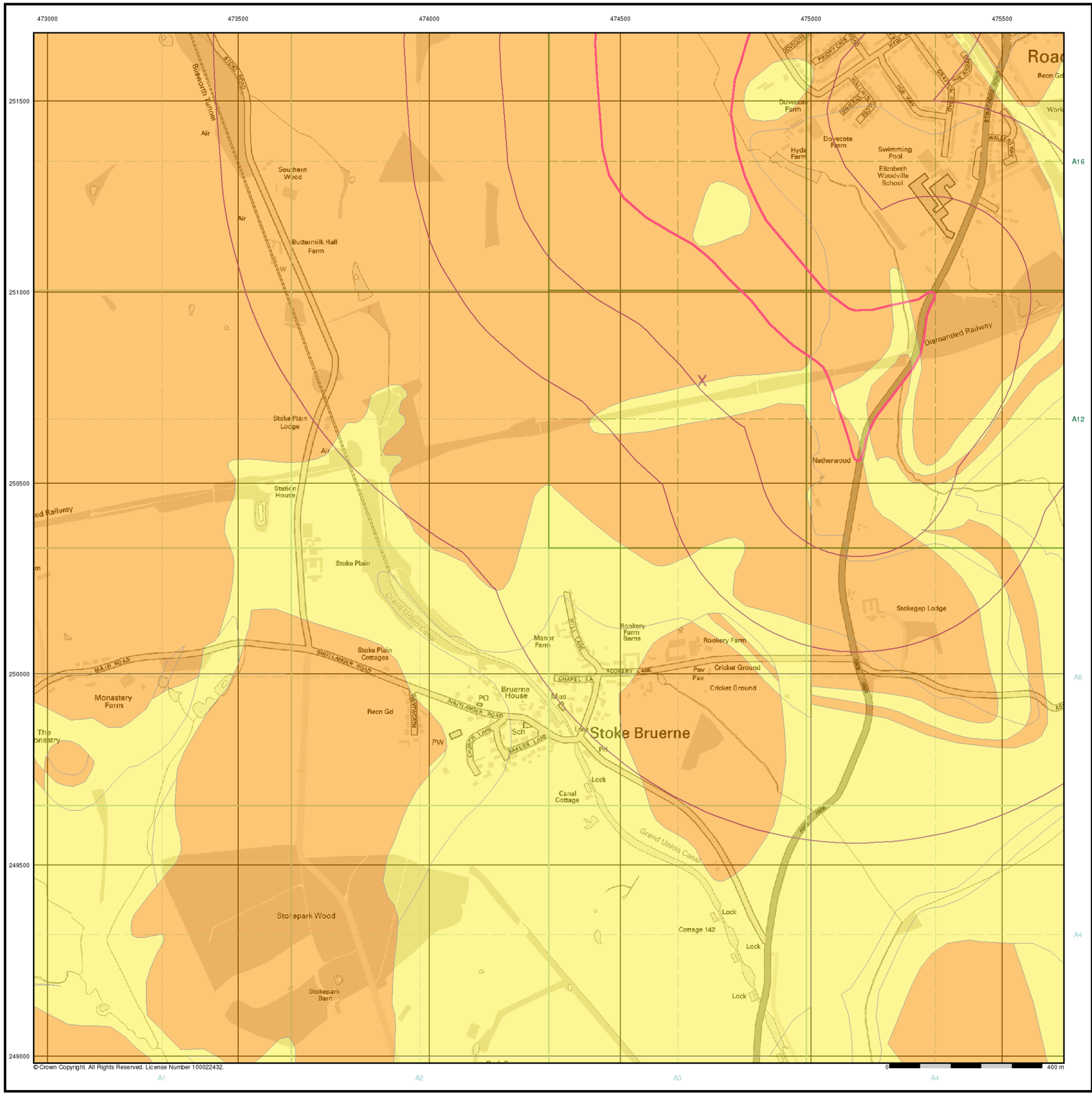
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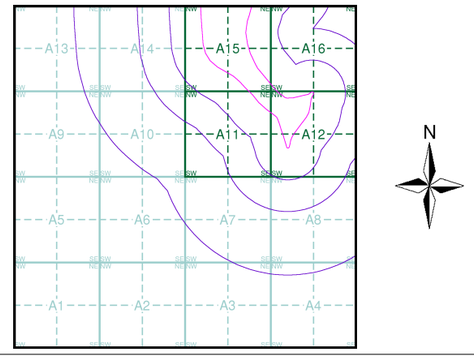
Specified Site Specified Buffer(s) X Bearing Reference Point

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

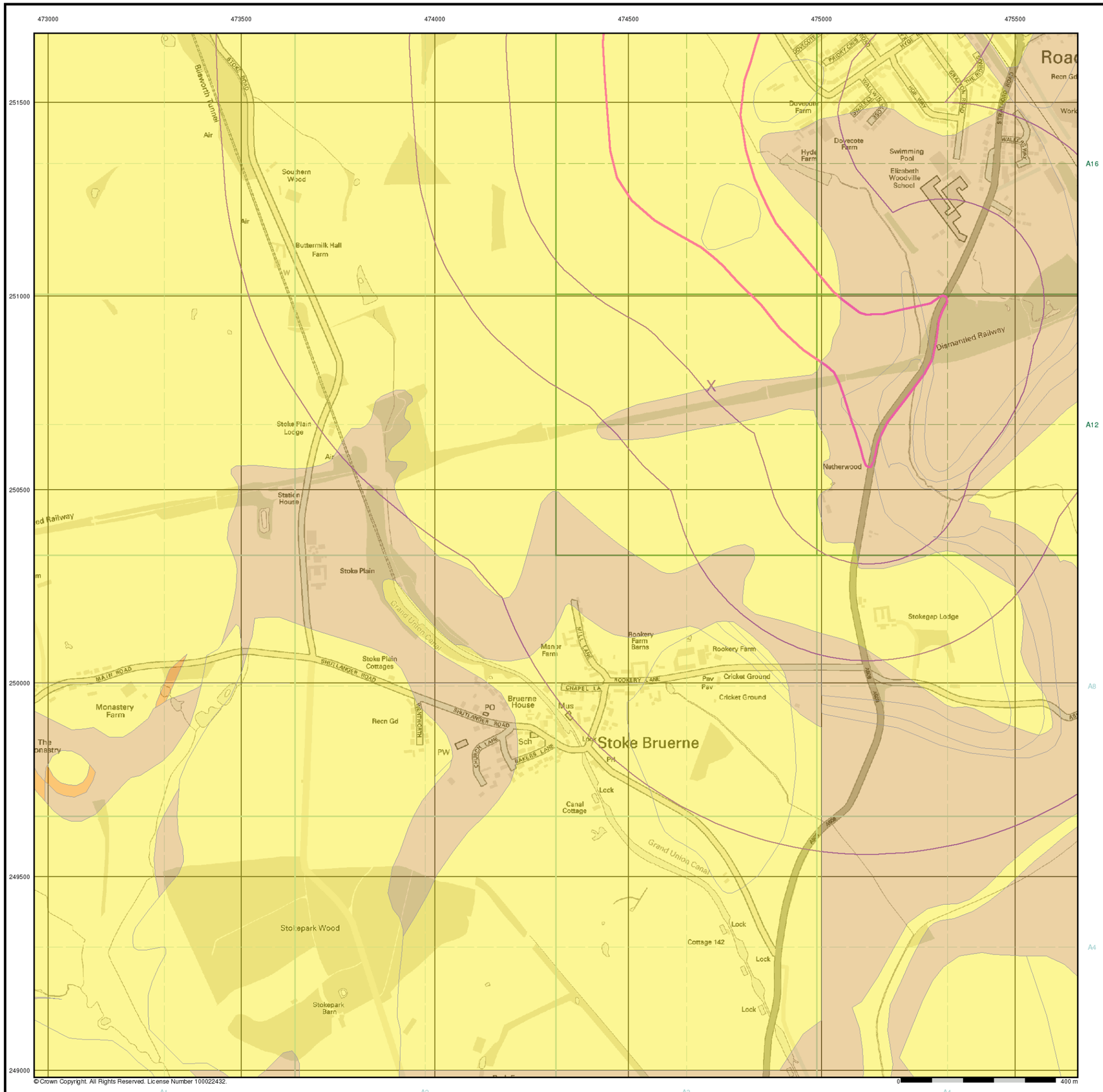
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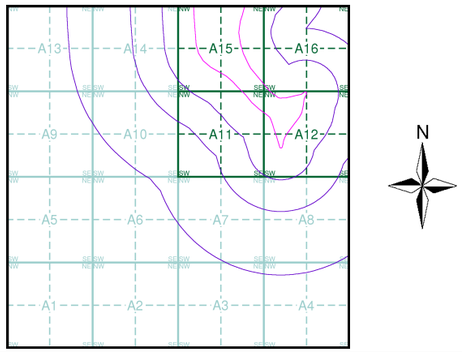
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
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Search Buffer (m):	1000

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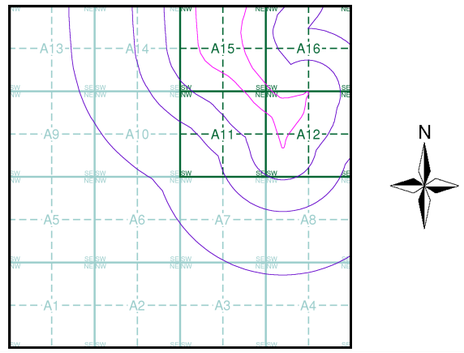
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

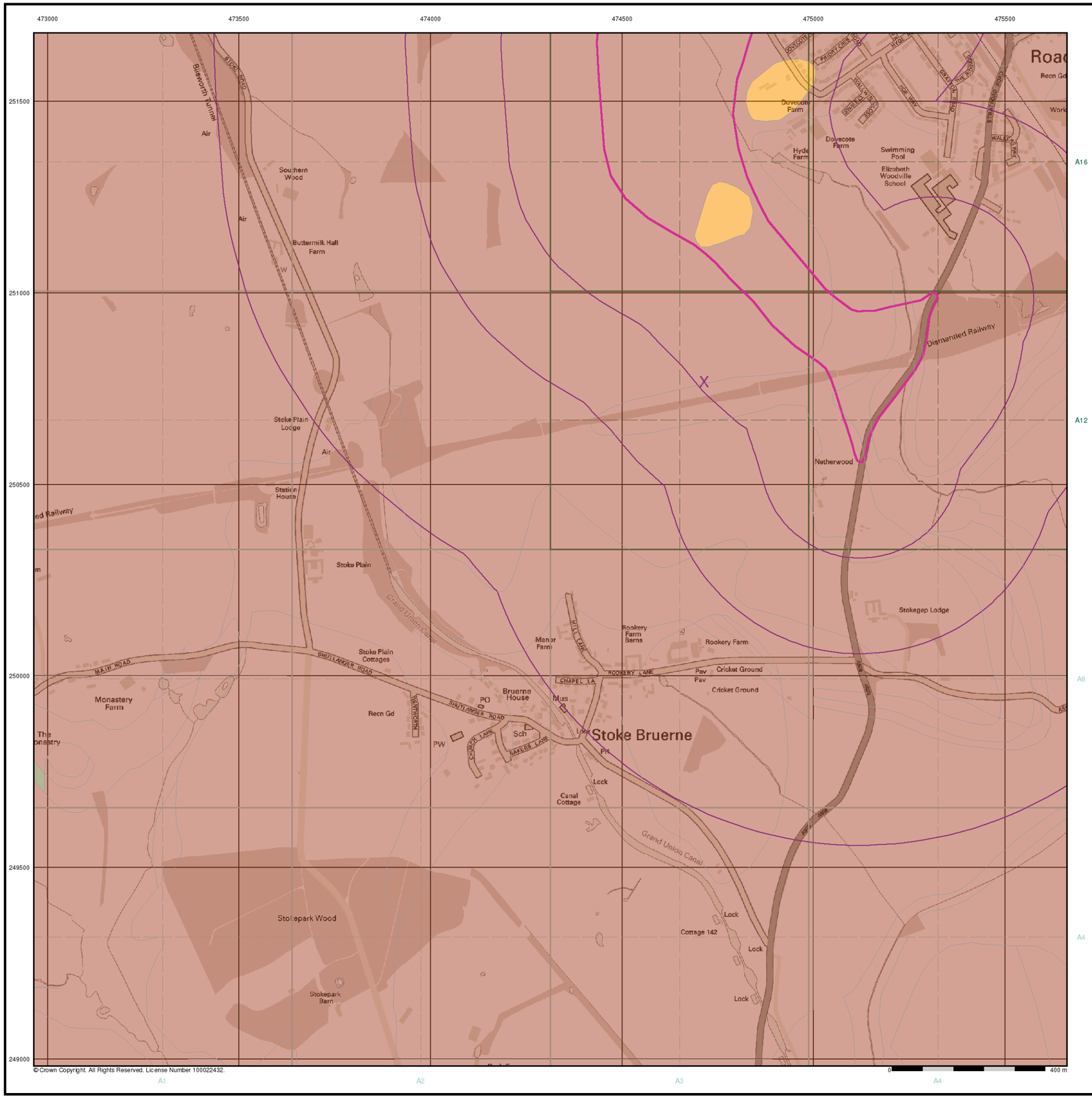
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National Grid Reference:	474710, 250770
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Site Area (Ha):	72.92
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Site Details

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General

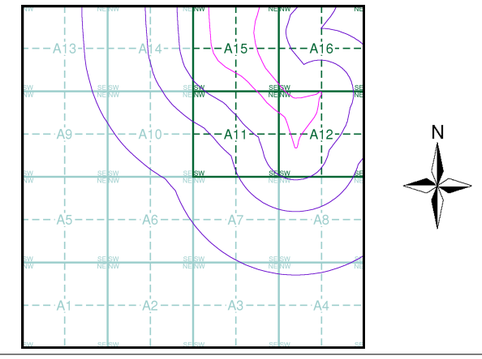
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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 A

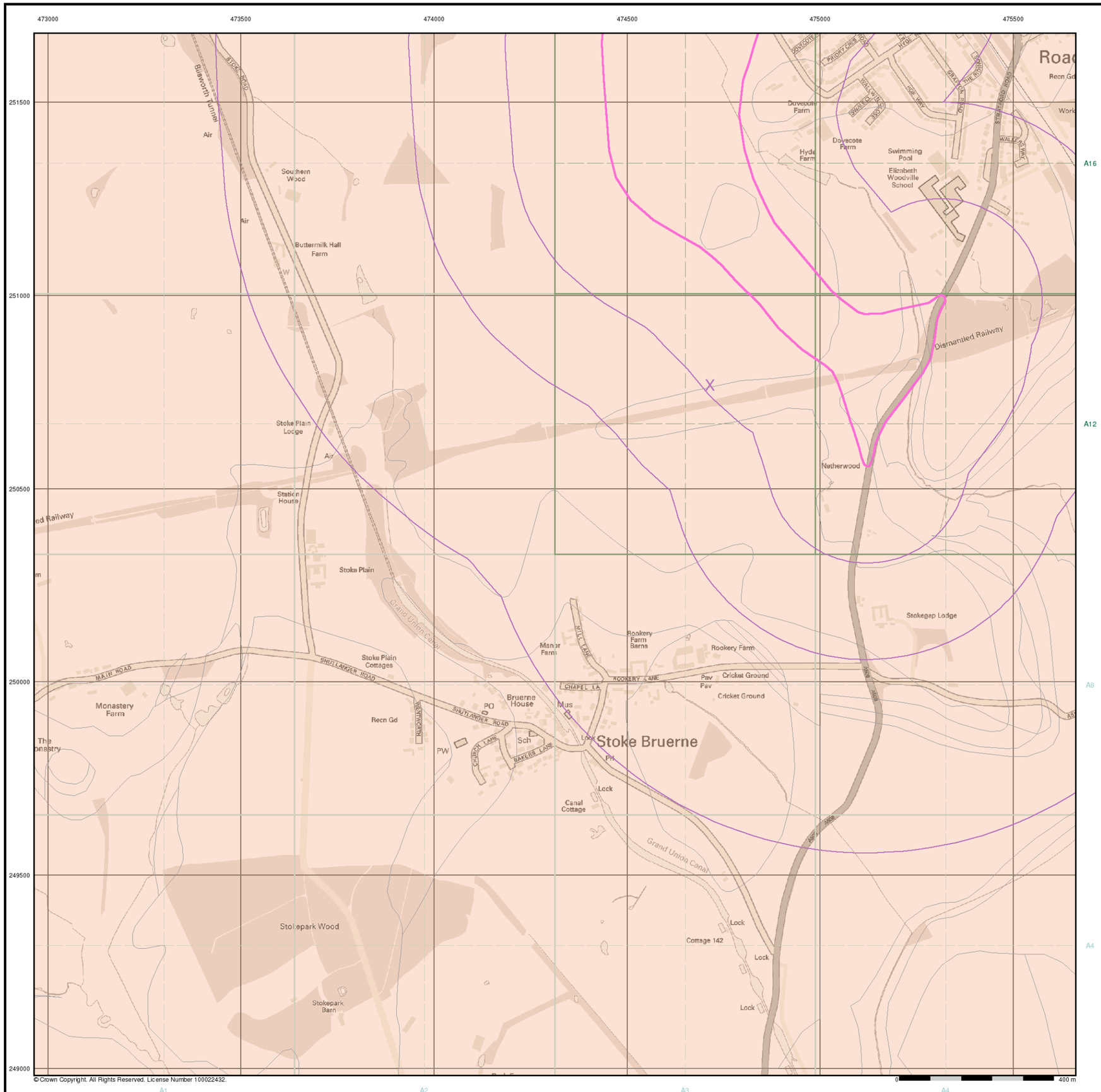


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Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS



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General

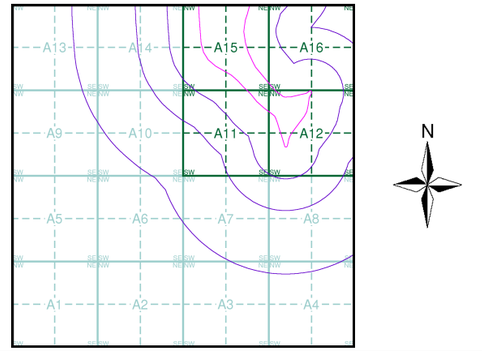
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice A



Order Details

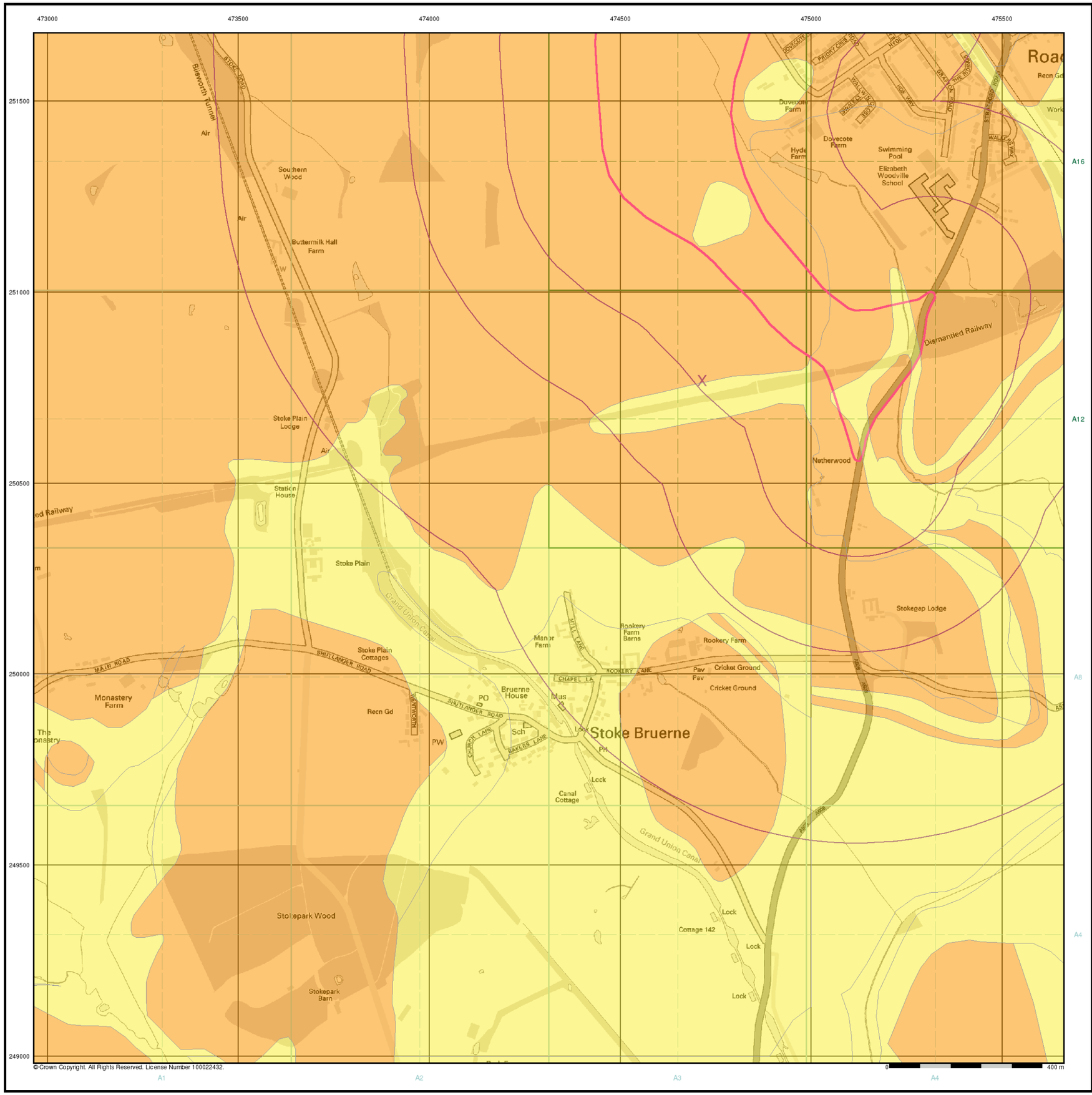
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General

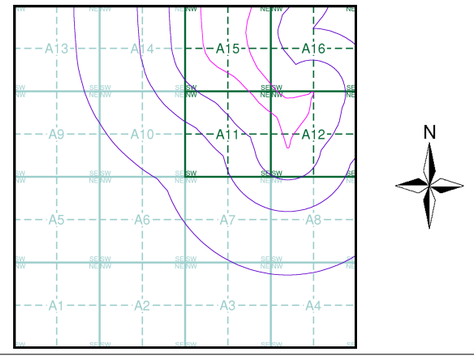
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

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

Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
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Site Details

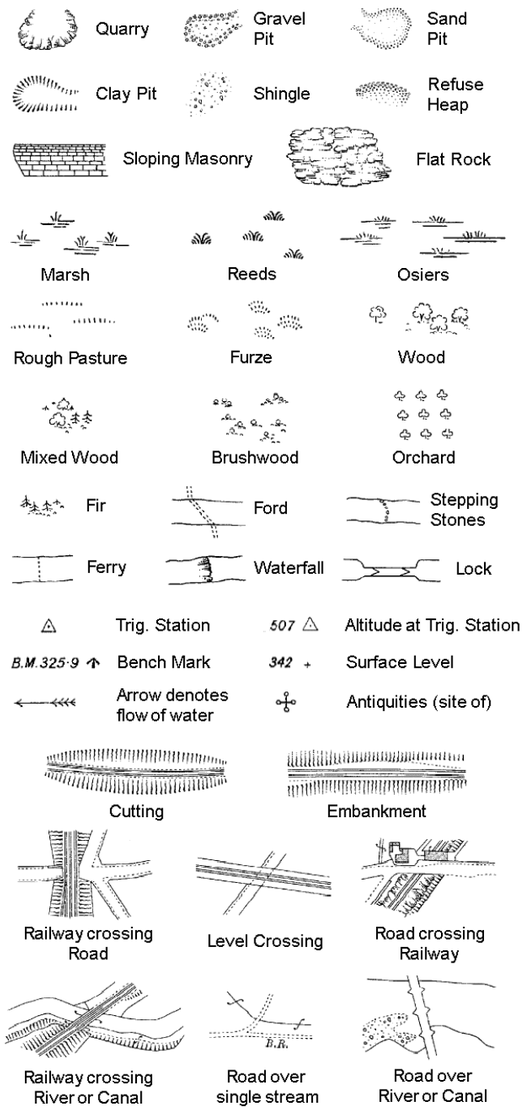
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Fax: 0844 844 9951
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Historical Mapping Legends

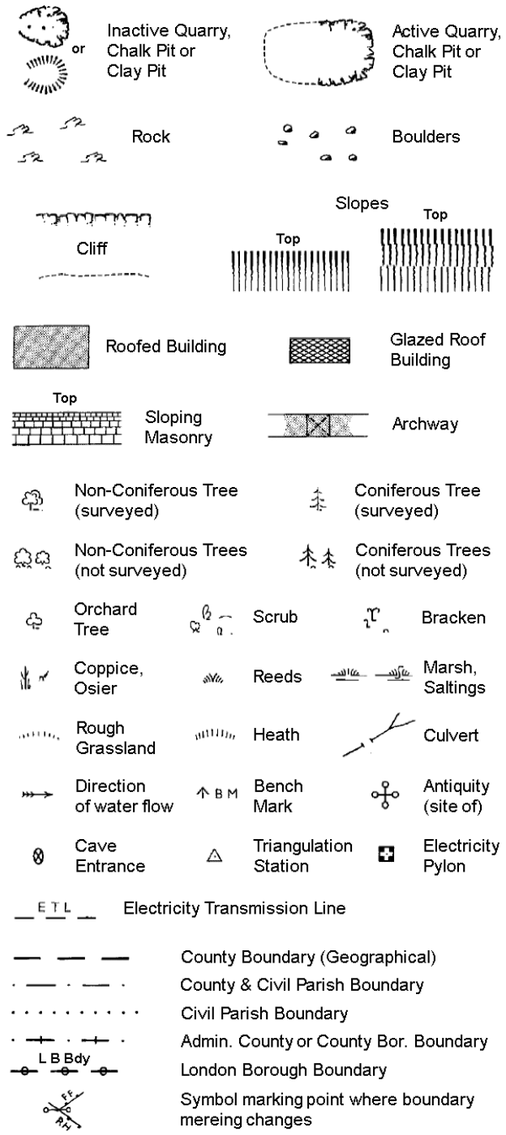
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

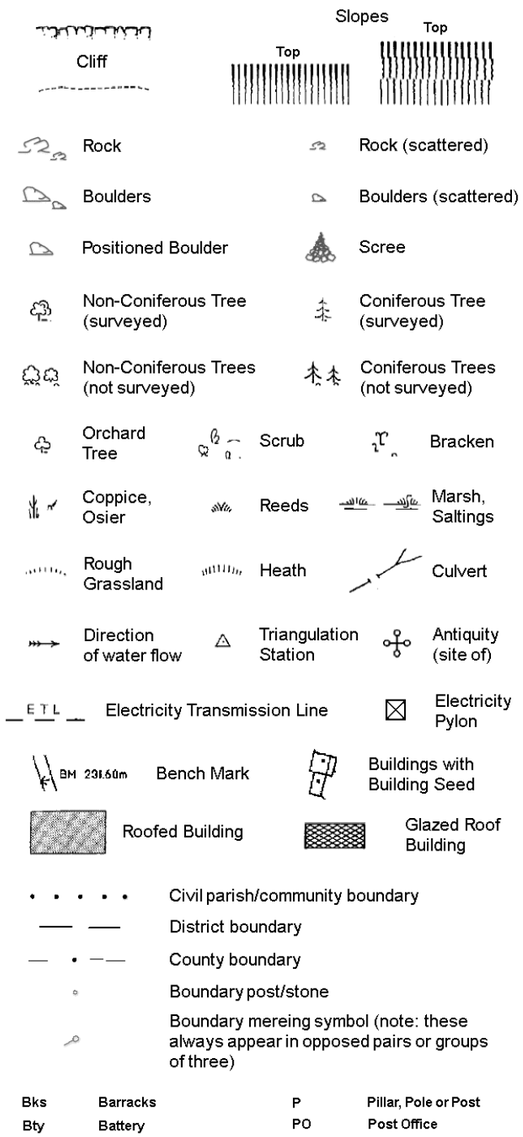
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

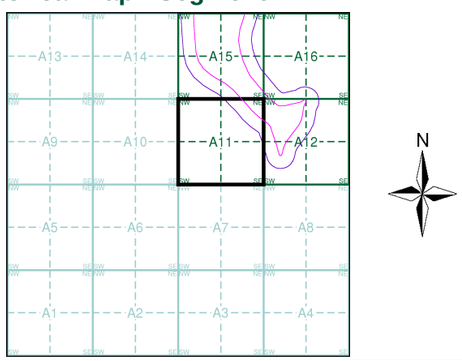
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Northamptonshire	1:2,500	1884	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967 - 1976	4
Additional SIMs	1:2,500	1987	5
Large-Scale National Grid Data	1:2,500	1993	6

Historical Map - Segment A11



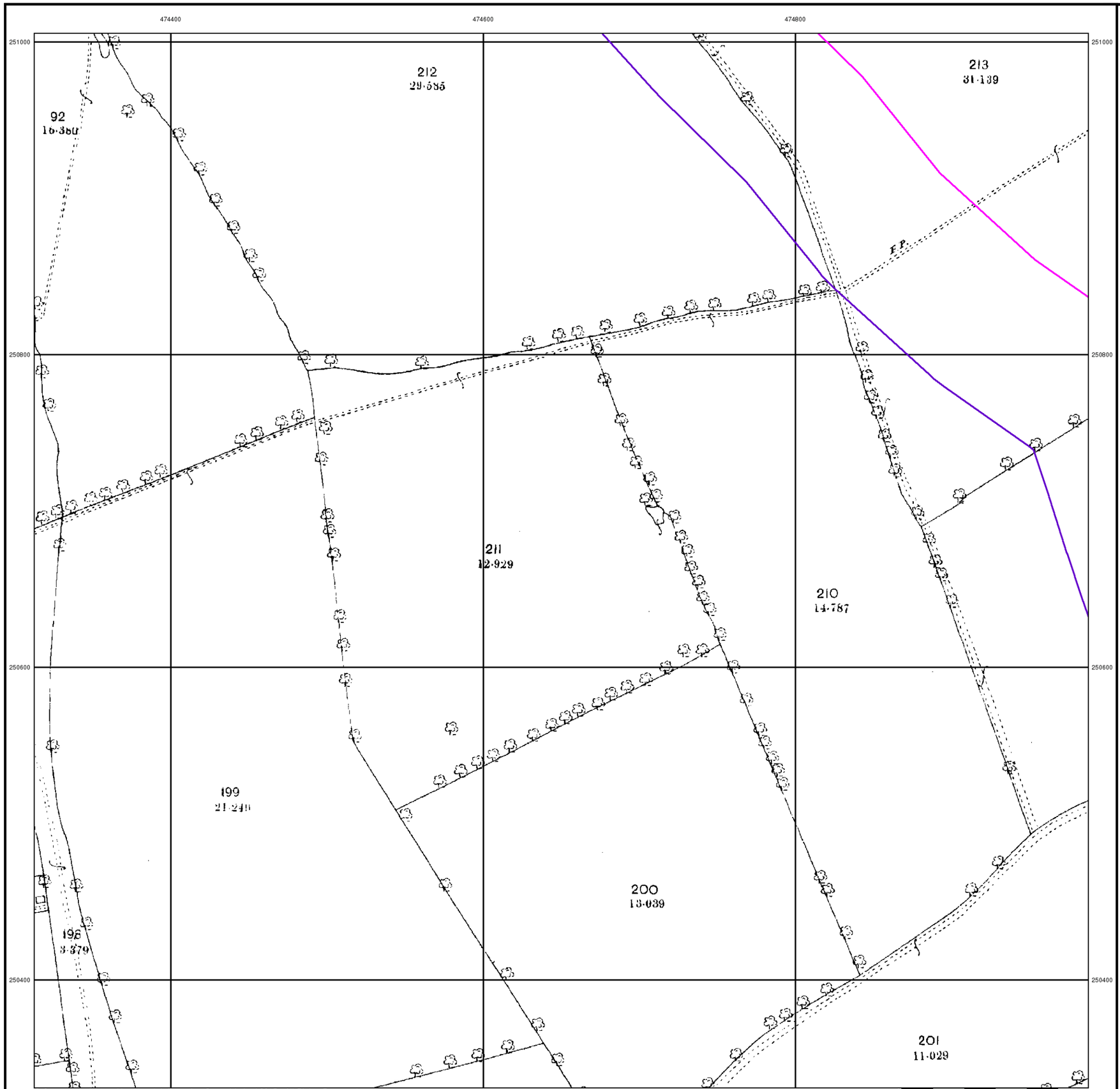
Order Details

Order Number: 90638346_1_1
Customer Ref: 313418
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Slice: A
Site Area (Ha): 72.92
Search Buffer (m): 100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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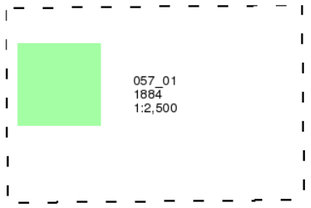
Northamptonshire

Published 1884

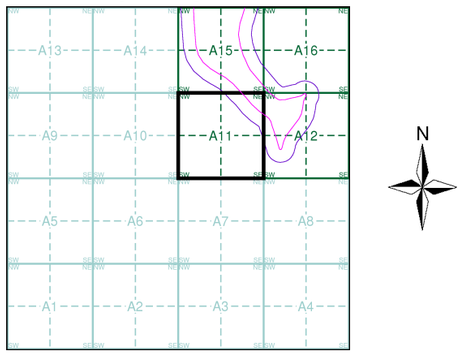
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

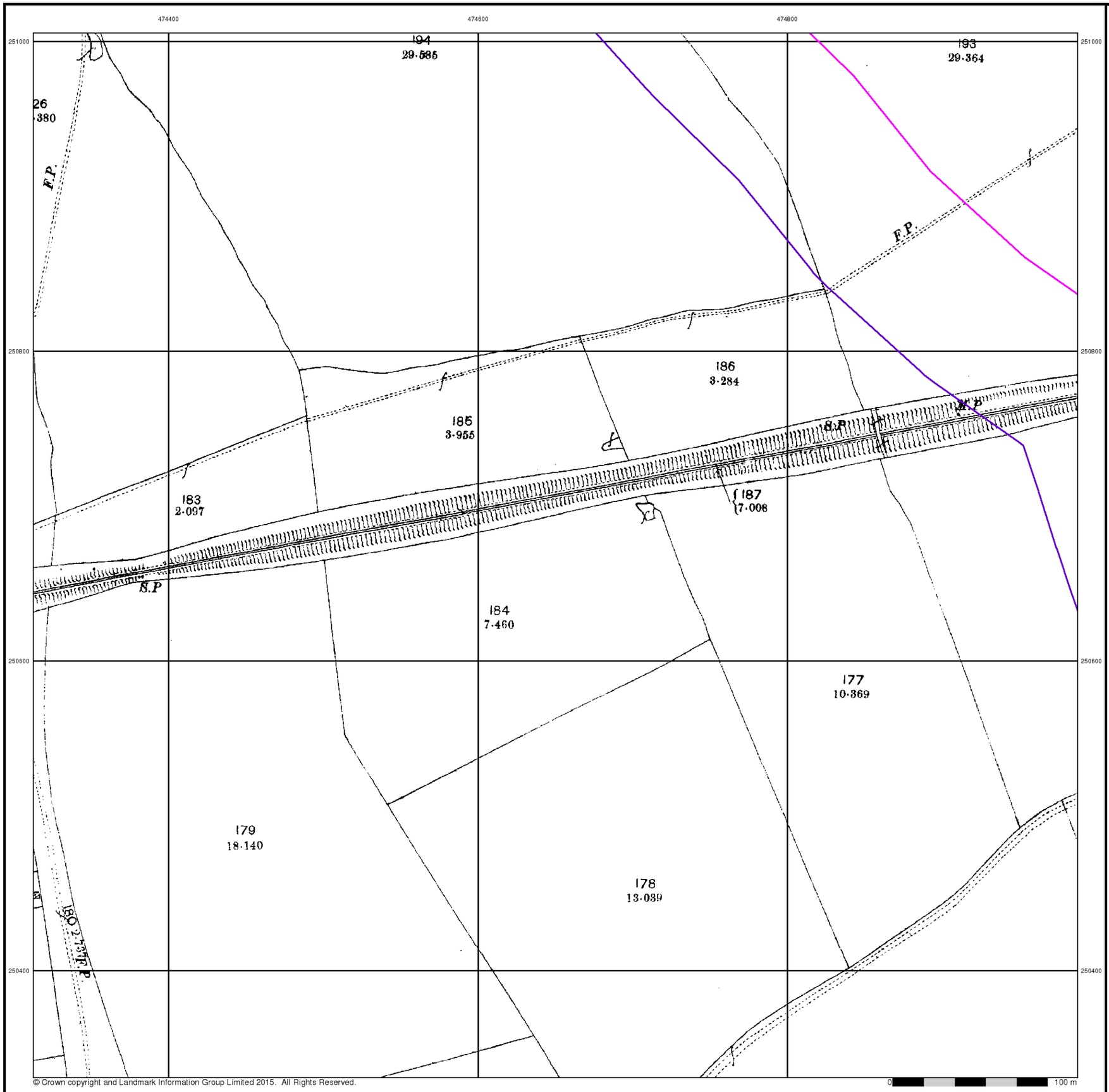
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National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

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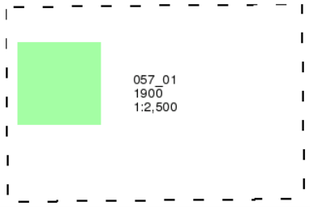
Northamptonshire

Published 1900

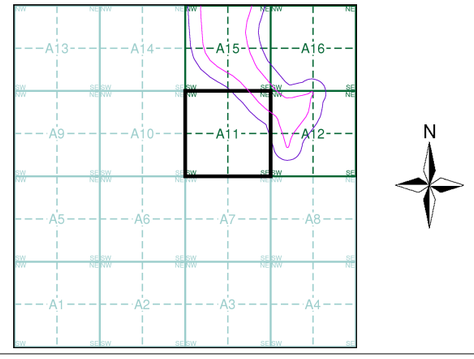
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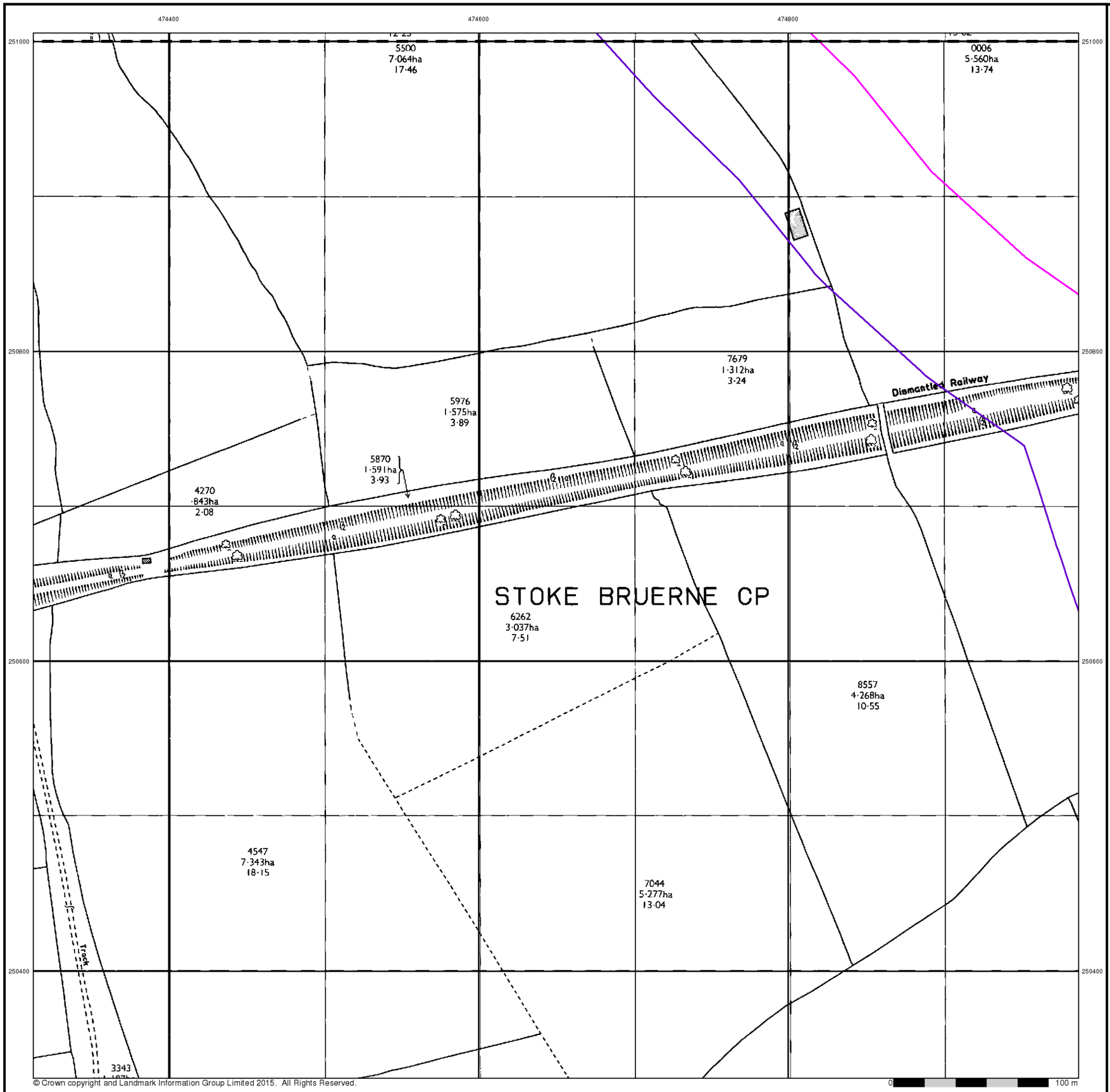
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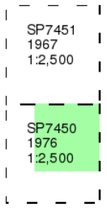
Ordnance Survey Plan

Published 1967 - 1976

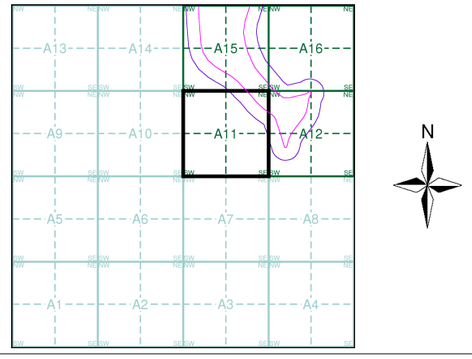
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Historical Map - Segment A11



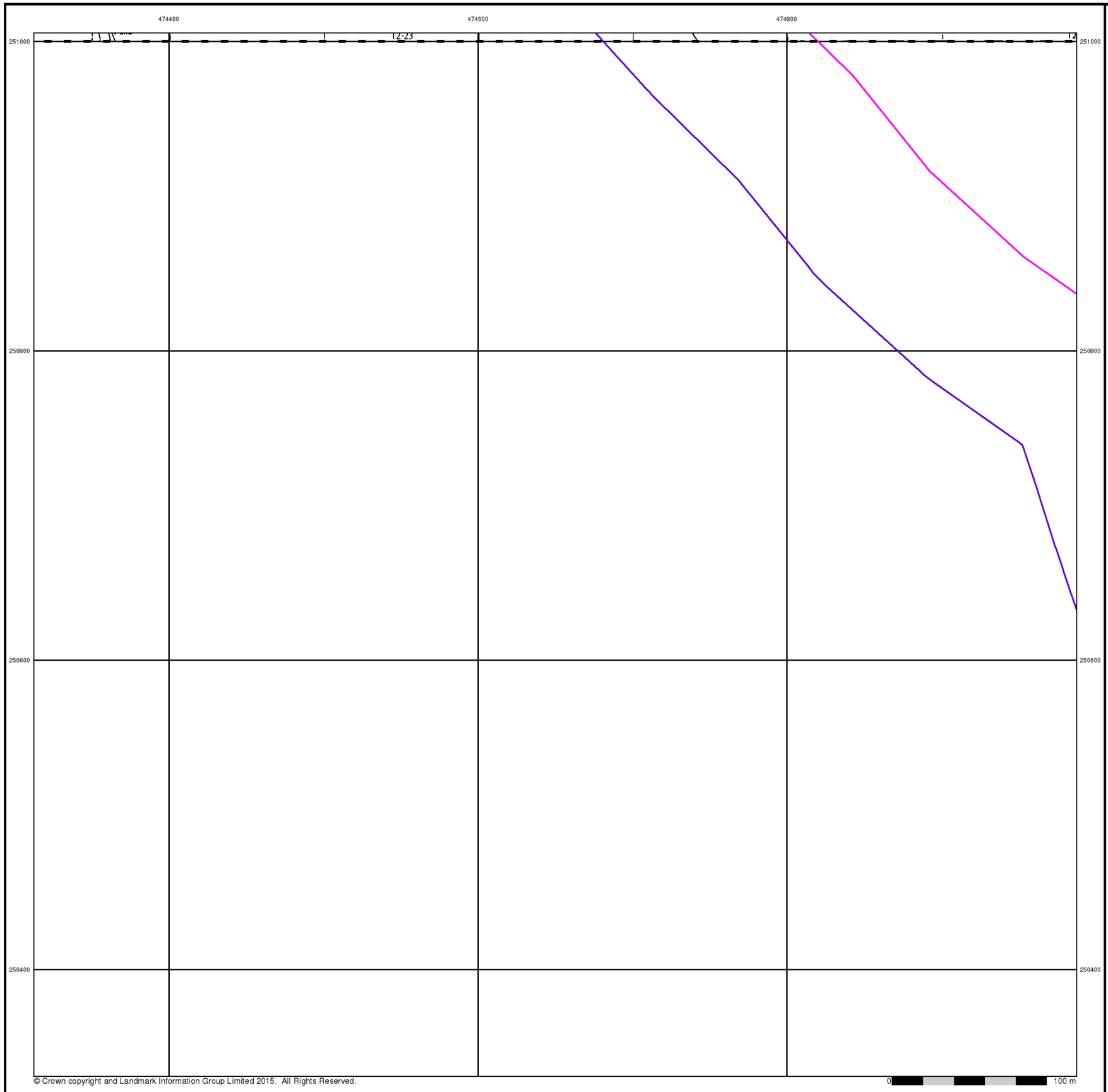
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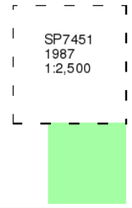
Additional SIMs

Published 1987

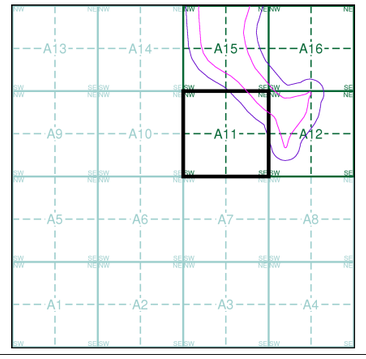
Source map scale - 1:2,500

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 A11



Order Details

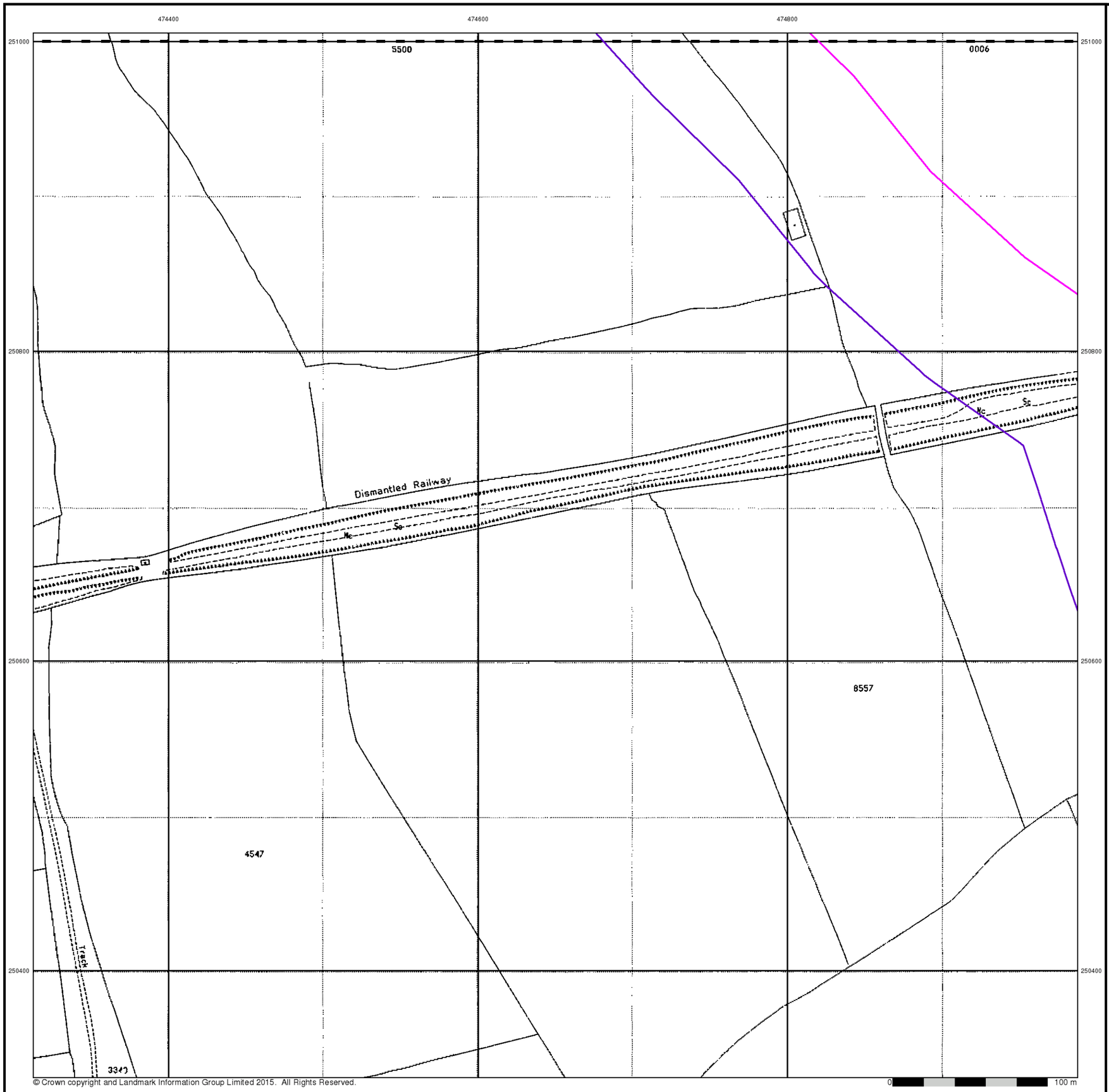
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Large-Scale National Grid Data

Published 1993

Source map scale - 1:2,500

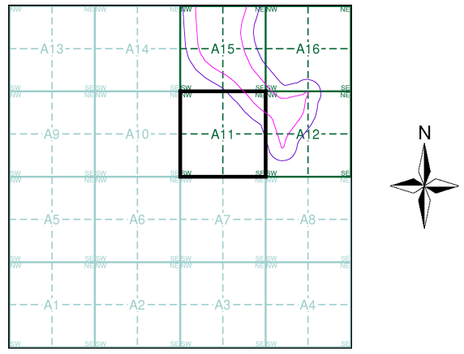
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SP7451
1993
1:2,500

SP7450
1993
1:2,500

Historical Map - Segment A11



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
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Site Details

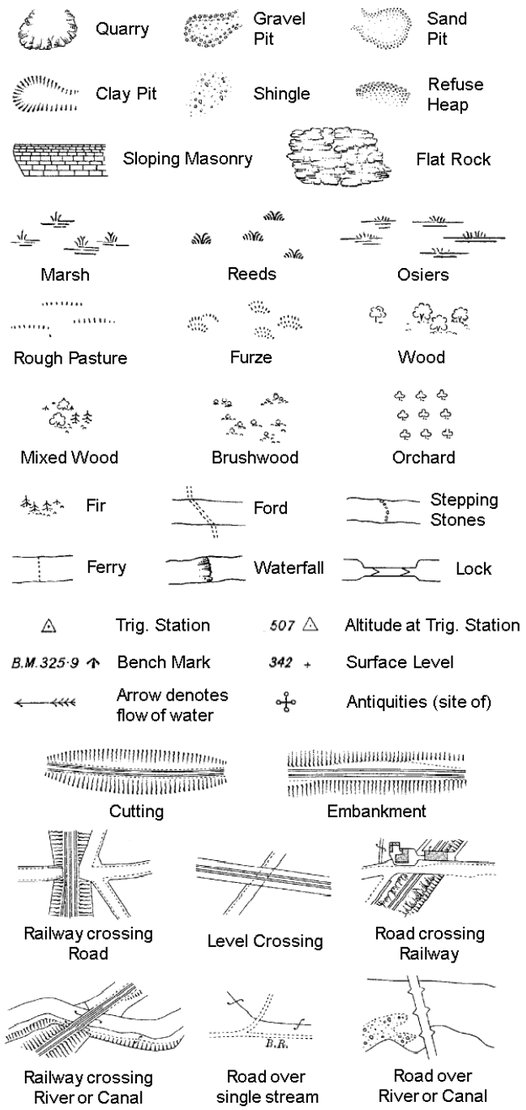
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

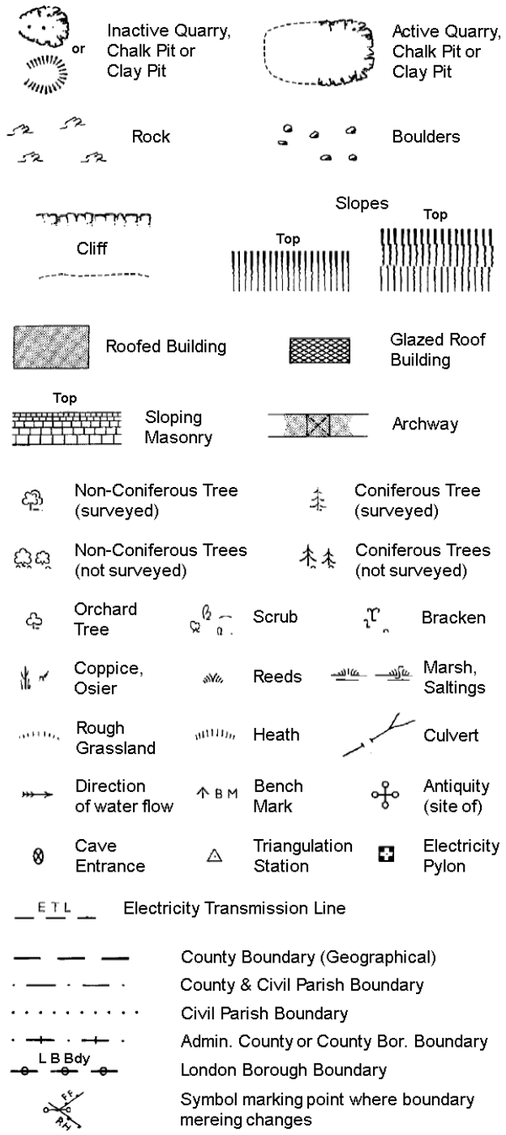
Administrative County & Civil Parish Boundary

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

Co. Burgh Bdy. County Burgh Boundary (Scotland)

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

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

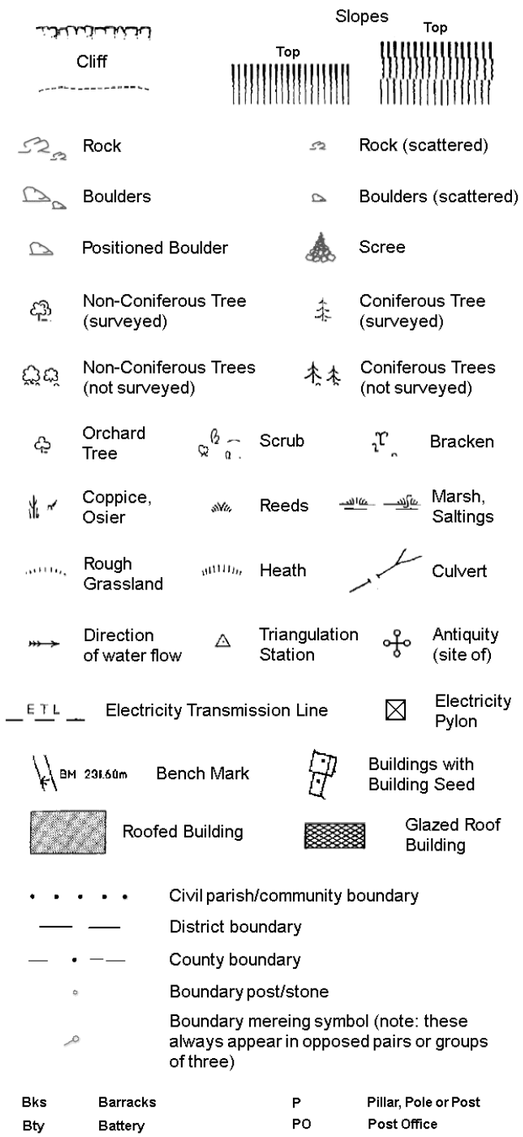
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

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

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

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

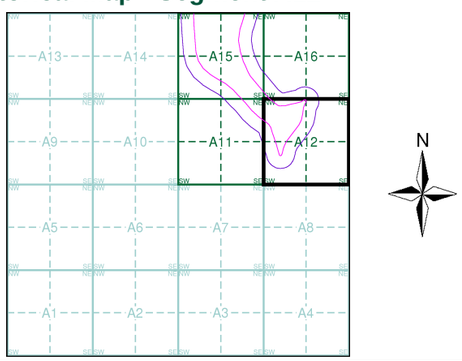
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northamptonshire	1:2,500	1884	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967 - 1976	4
Ordnance Survey Plan	1:2,500	1979	5
Additional SIMs	1:2,500	1987	6
Large-Scale National Grid Data	1:2,500	1993	7

Historical Map - Segment A12



Order Details

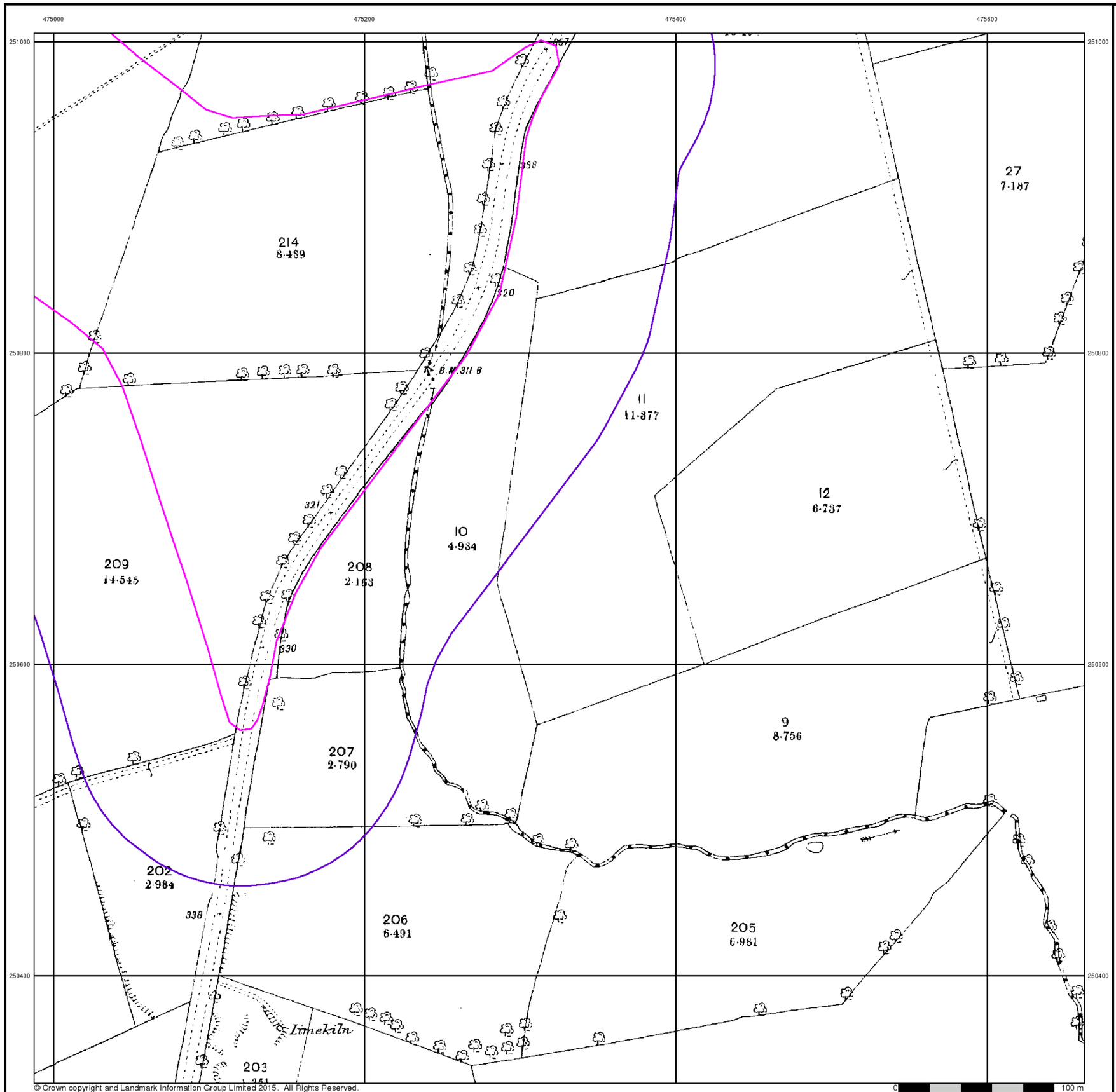
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National Grid Reference: 474710, 250770
Slice: A
Site Area (Ha): 72.92
Search Buffer (m): 100

Site Details

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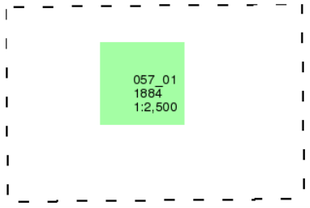
Northamptonshire

Published 1884

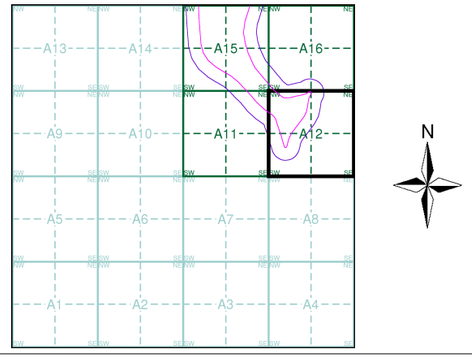
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A12



Order Details

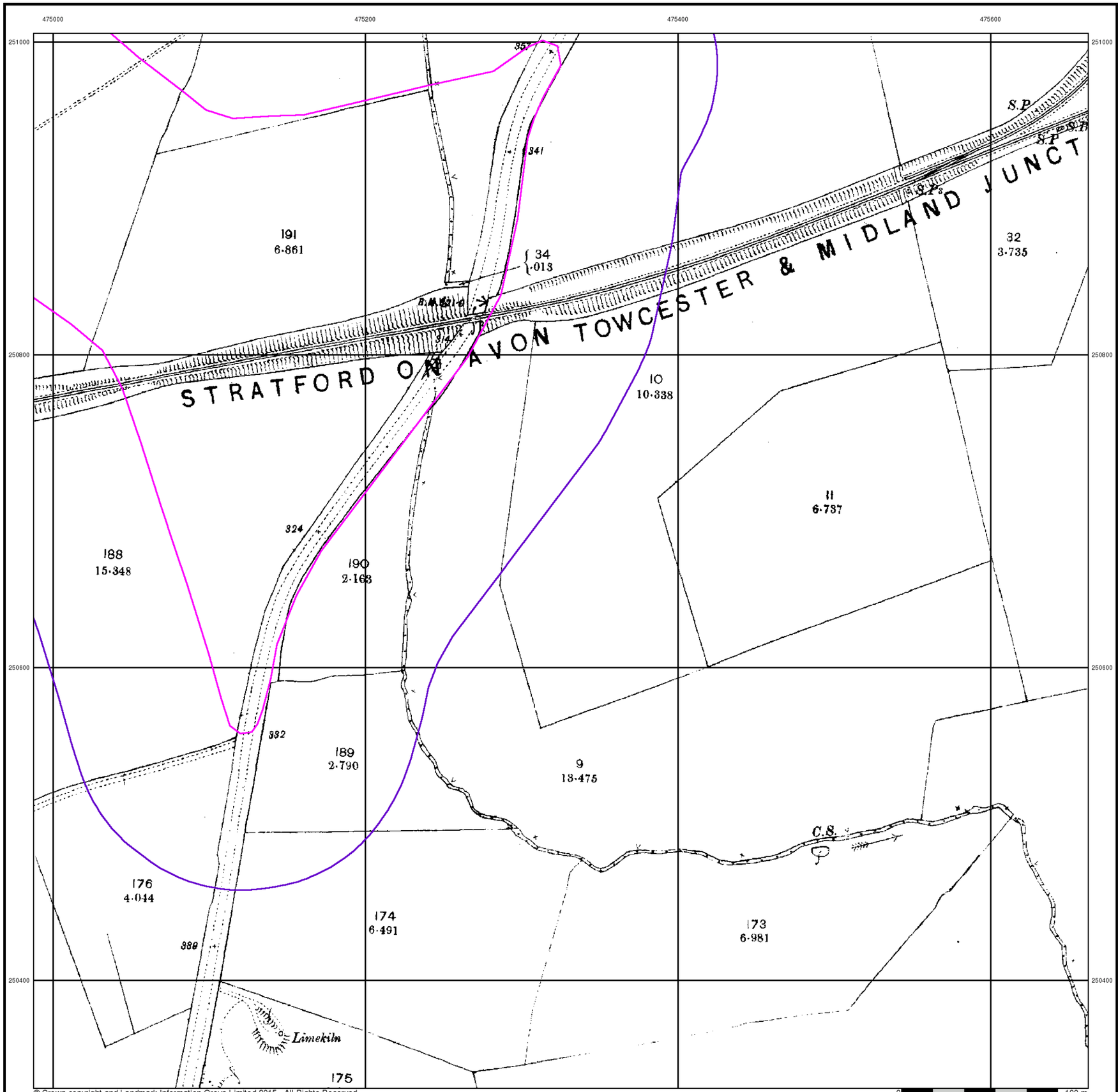
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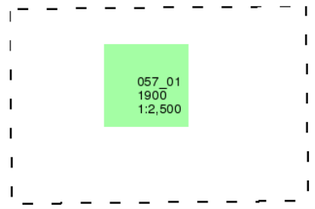
Northamptonshire

Published 1900

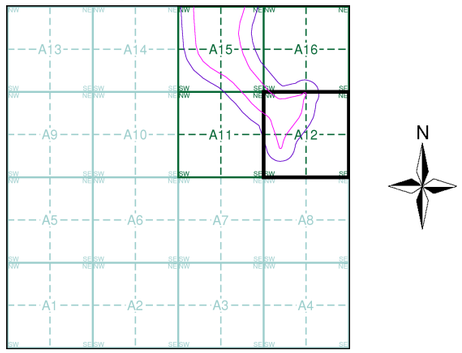
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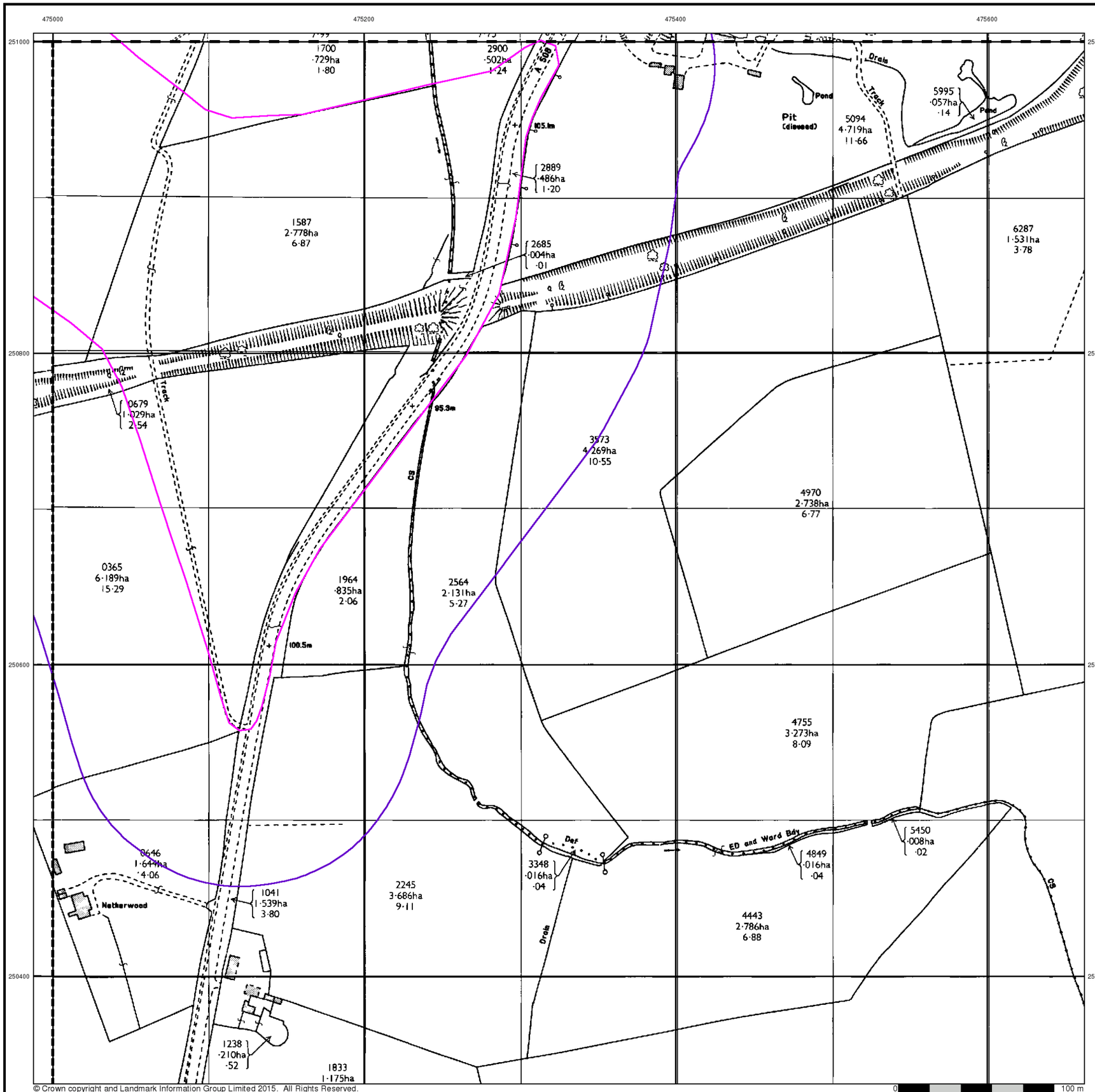
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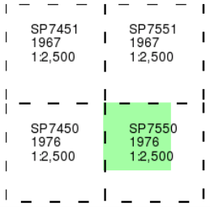
Ordnance Survey Plan

Published 1967 - 1976

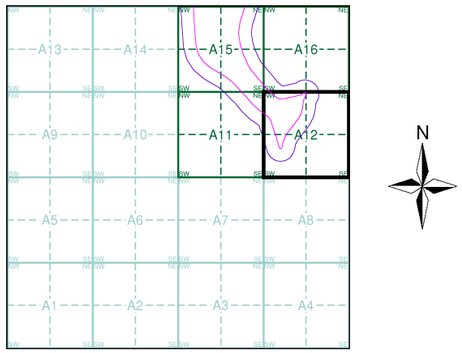
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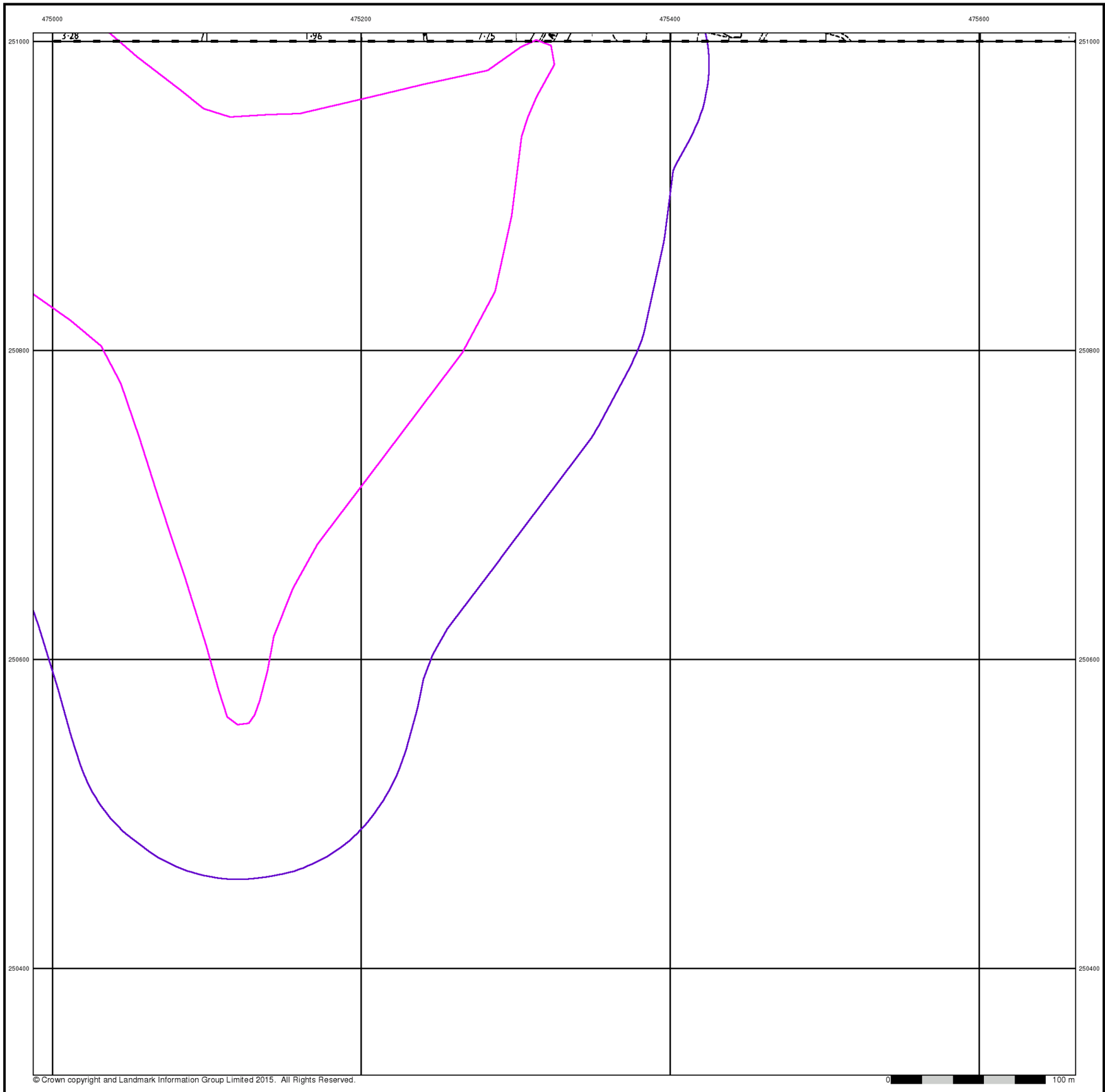
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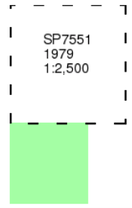
Ordnance Survey Plan

Published 1979

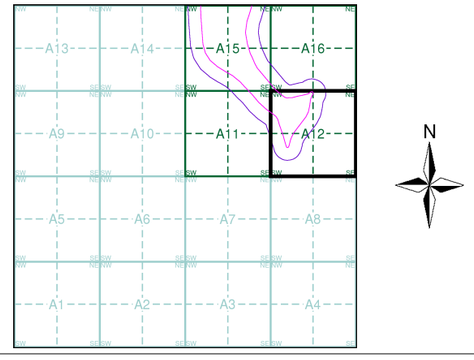
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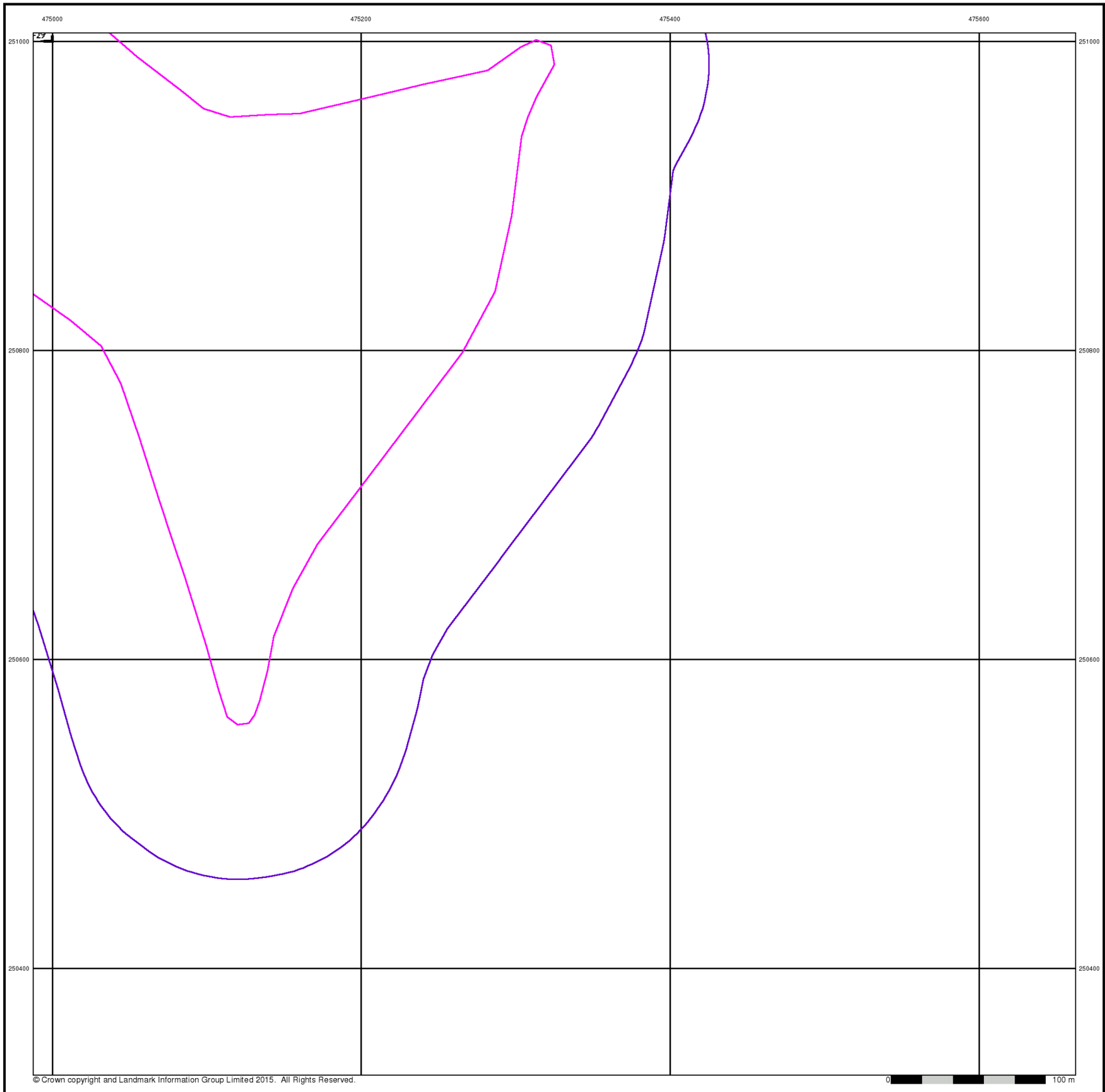
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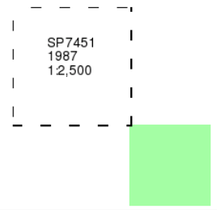
Additional SIMs

Published 1987

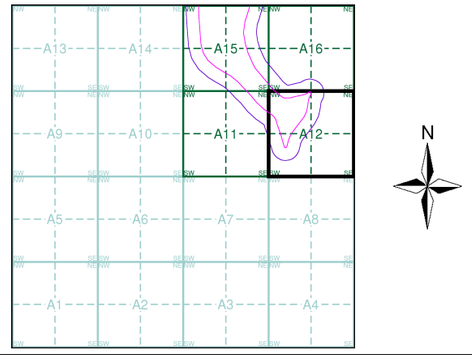
Source map scale - 1:2,500

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 A12



Order Details

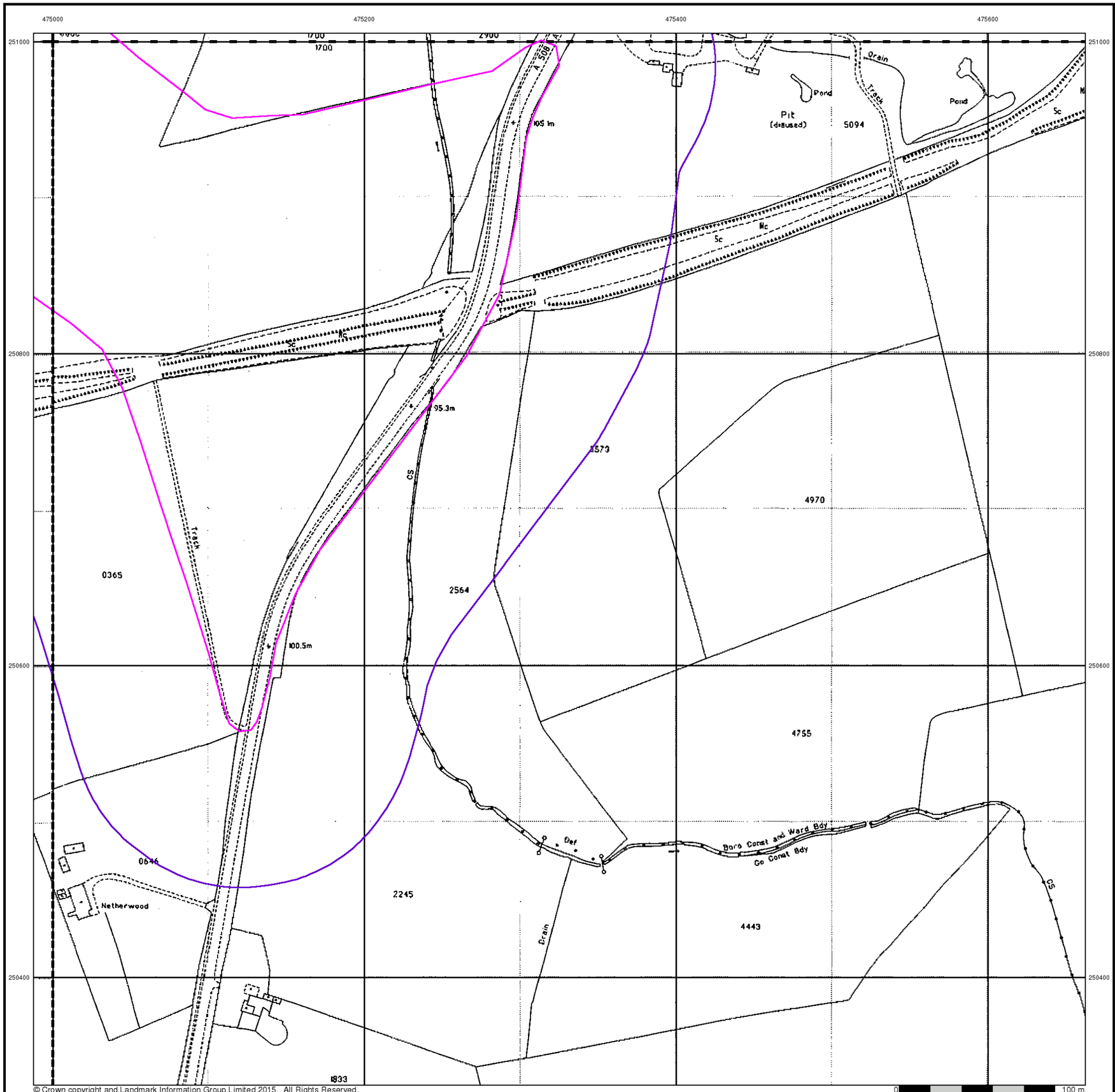
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Large-Scale National Grid Data

Published 1993

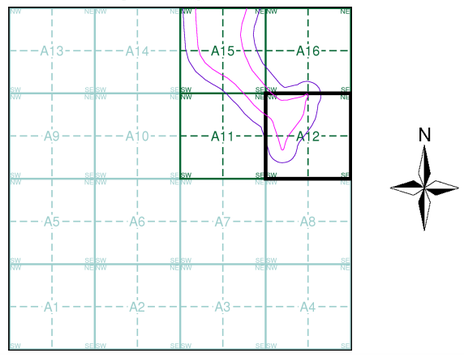
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SP7451 1993 1:2,500	SP7551 1993 1:2,500
SP7450 1993 1:2,500	SP7550 1993 1:2,500

Historical Map - Segment A12



Order Details

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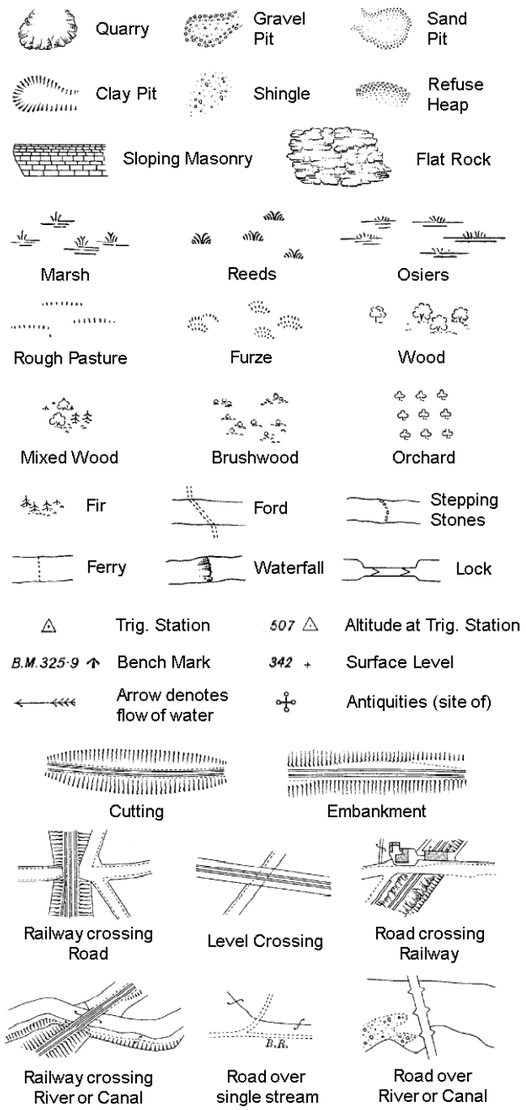
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

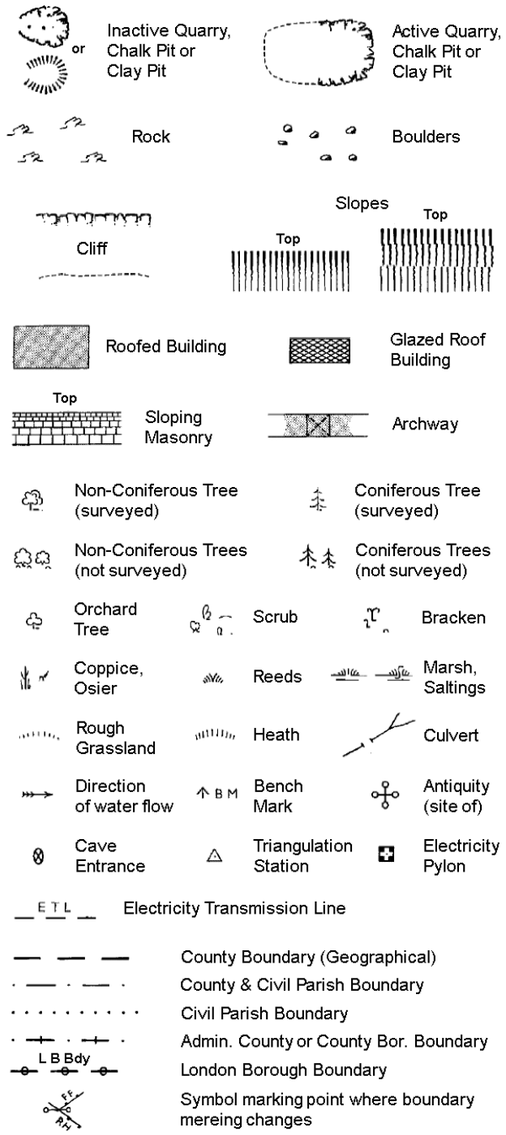
Administrative County & Civil Parish Boundary

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

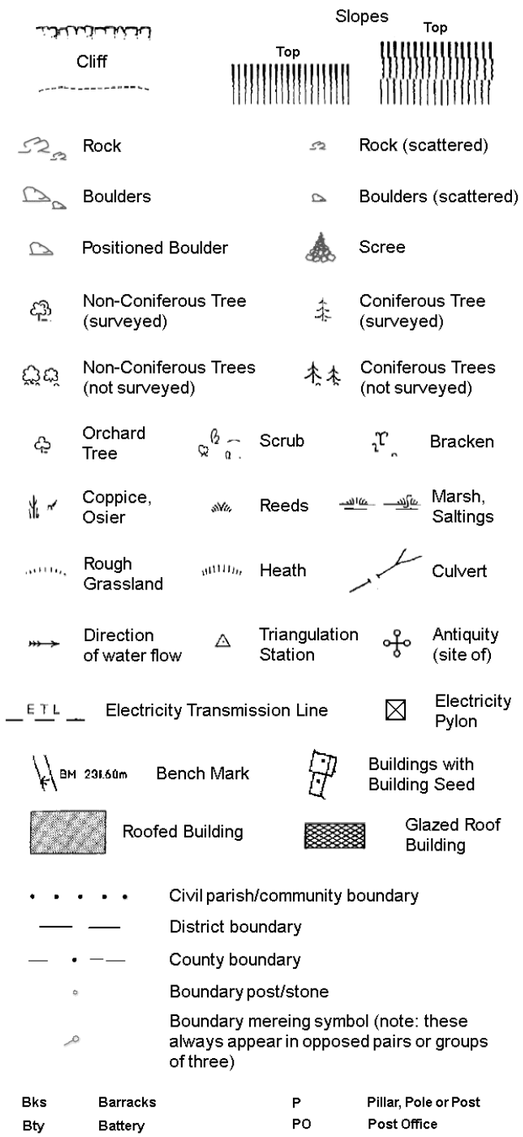
Admin. County or County Bor. Boundary

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)

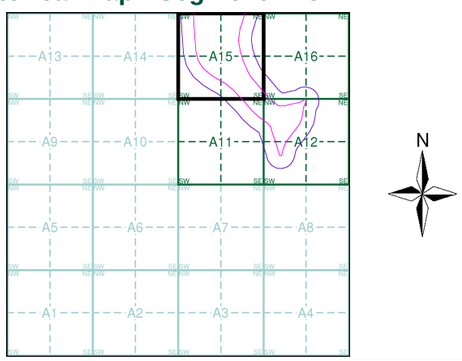
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Northamptonshire	1:2,500	1884 - 1885	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967	4
Additional SIMs	1:2,500	1987	5
Large-Scale National Grid Data	1:2,500	1993	6

Historical Map - Segment A15



Order Details

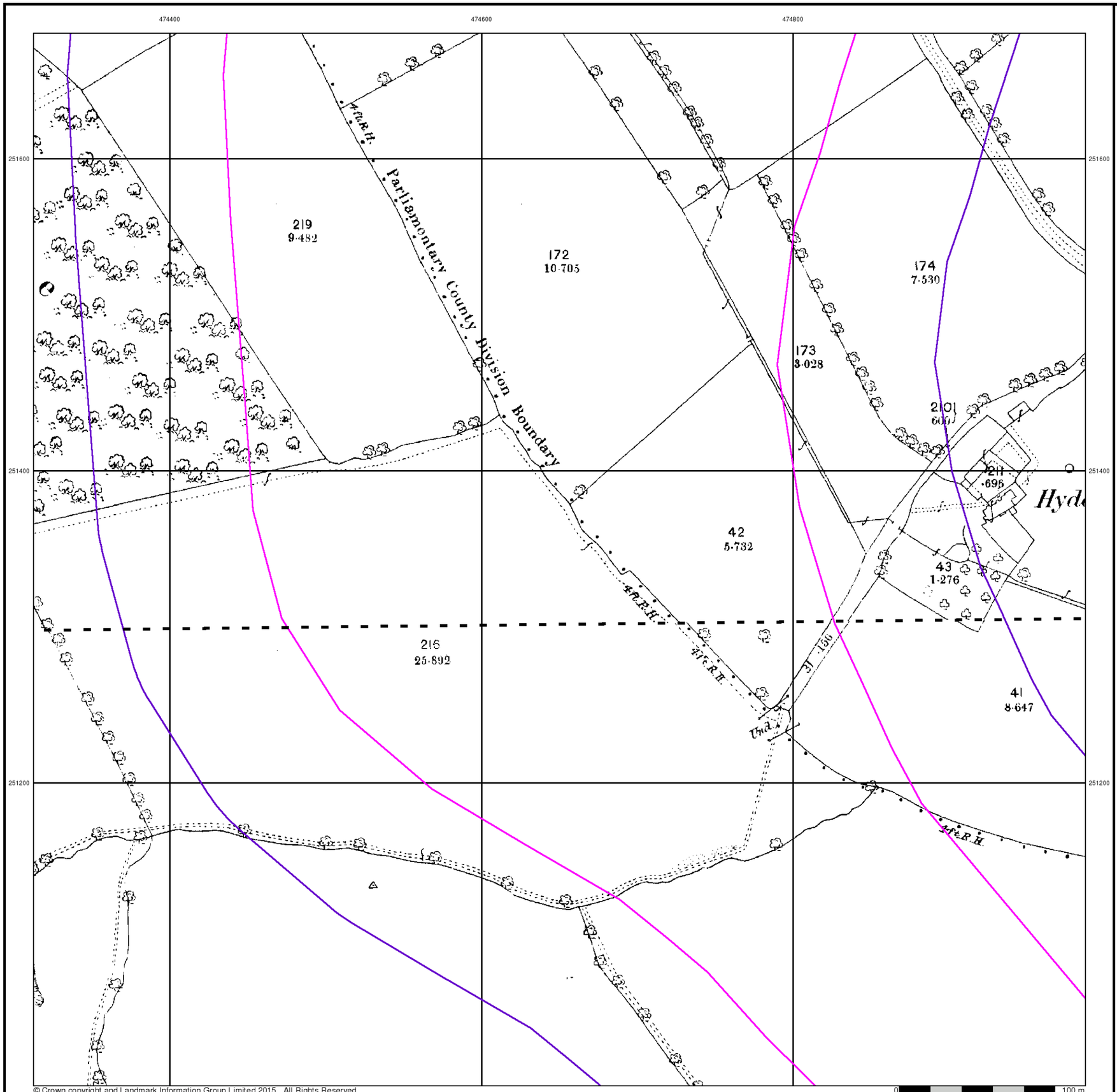
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Northamptonshire

Published 1884 - 1885

Source map scale - 1:2,500

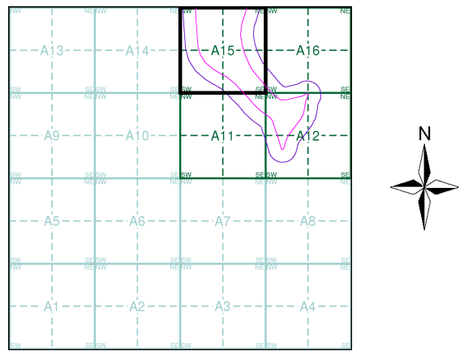
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

052_13
1885
1:2,500

057_01
1884
1:2,500

Historical Map - Segment A15



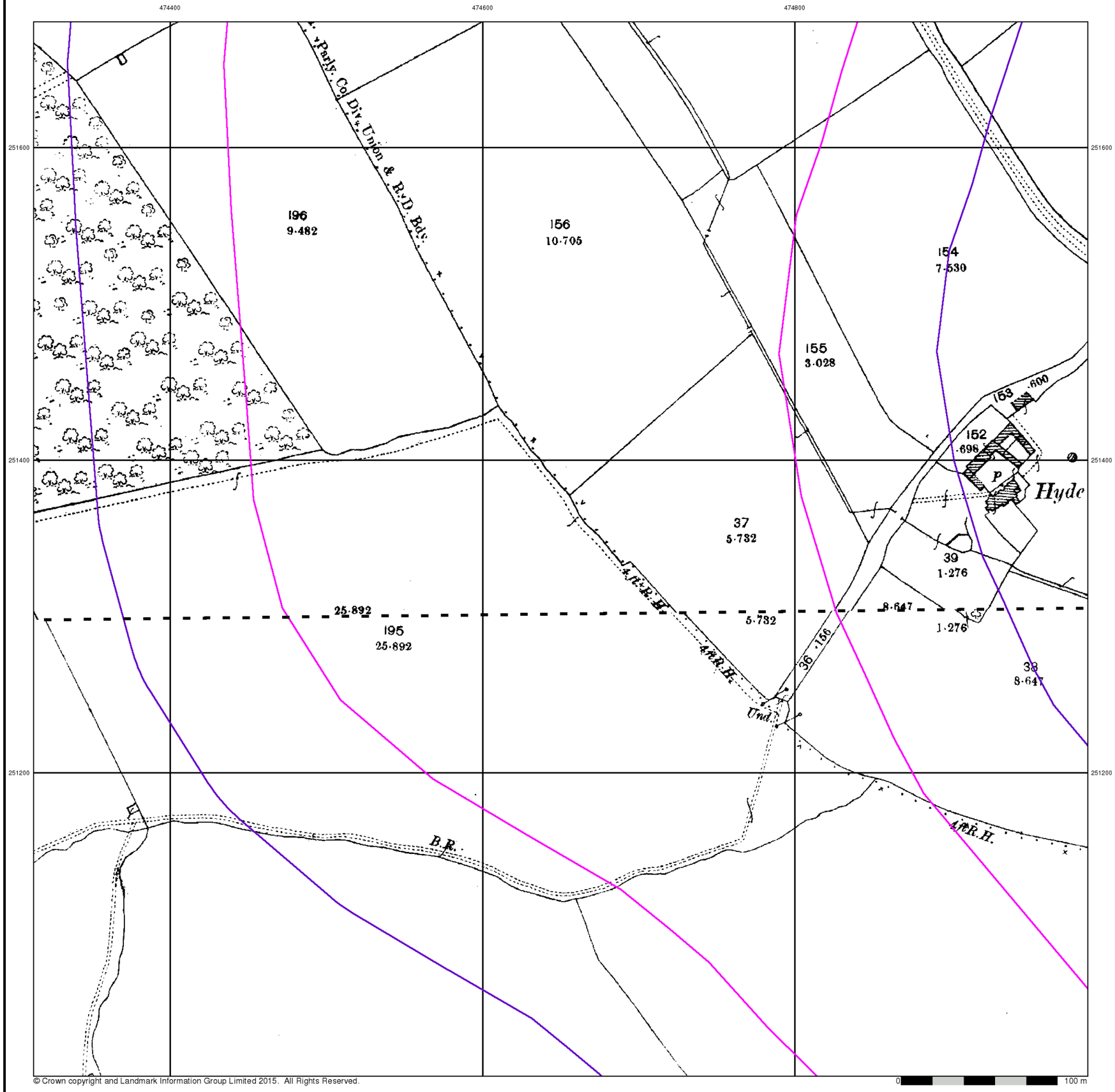
Order Details

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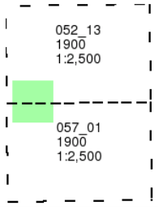
Northamptonshire

Published 1900

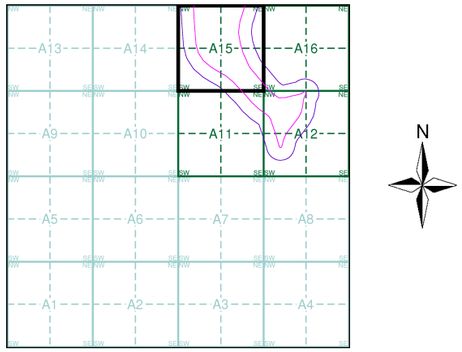
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A15



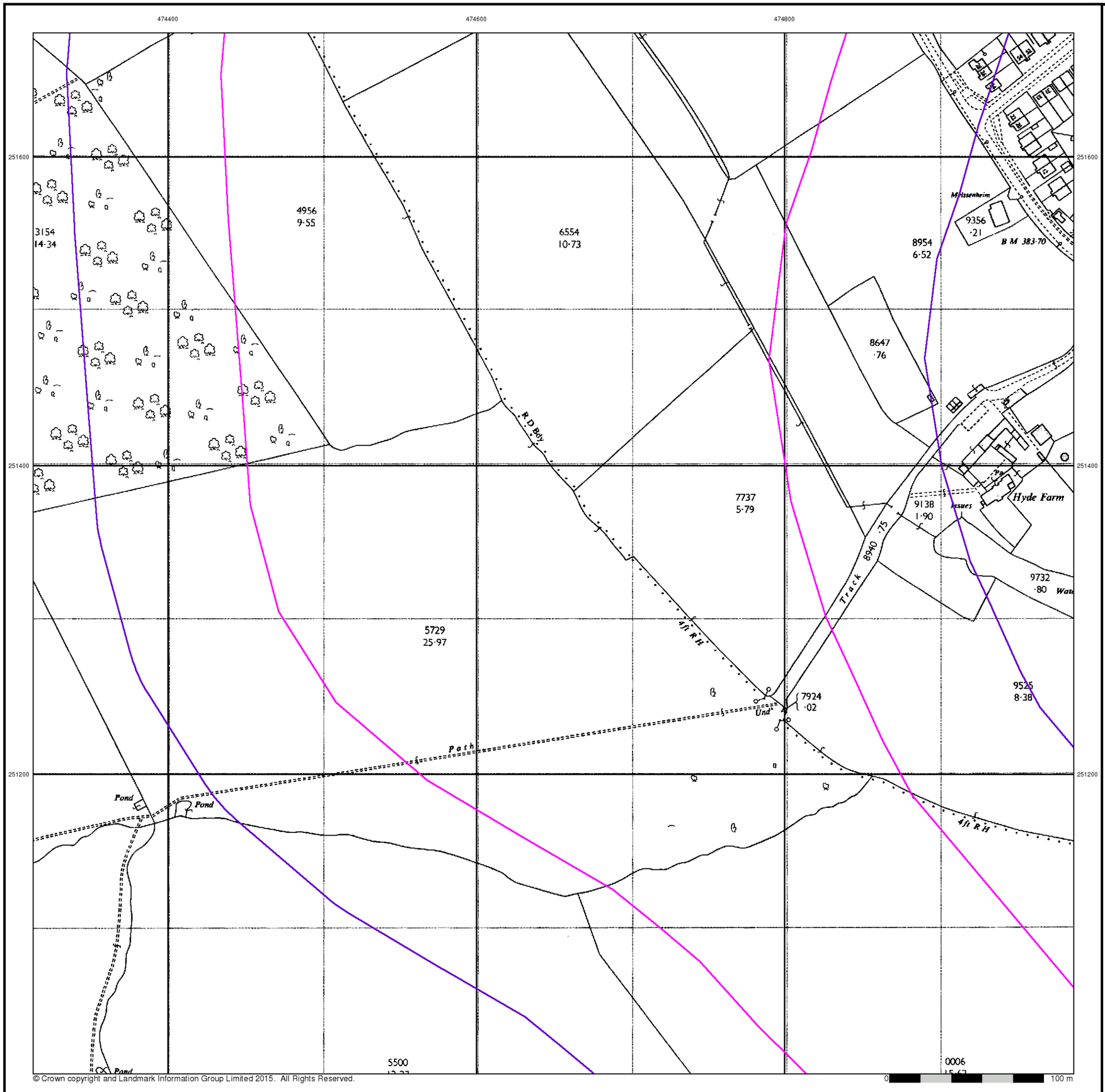
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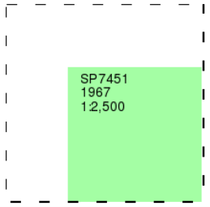
Ordnance Survey Plan

Published 1967

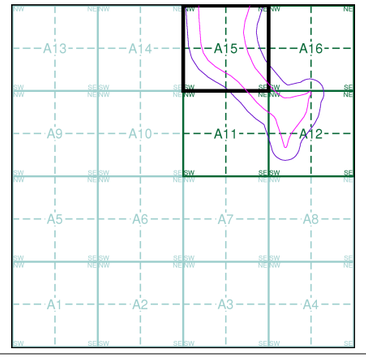
Source map scale - 1:2,500

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Historical Map - Segment A15



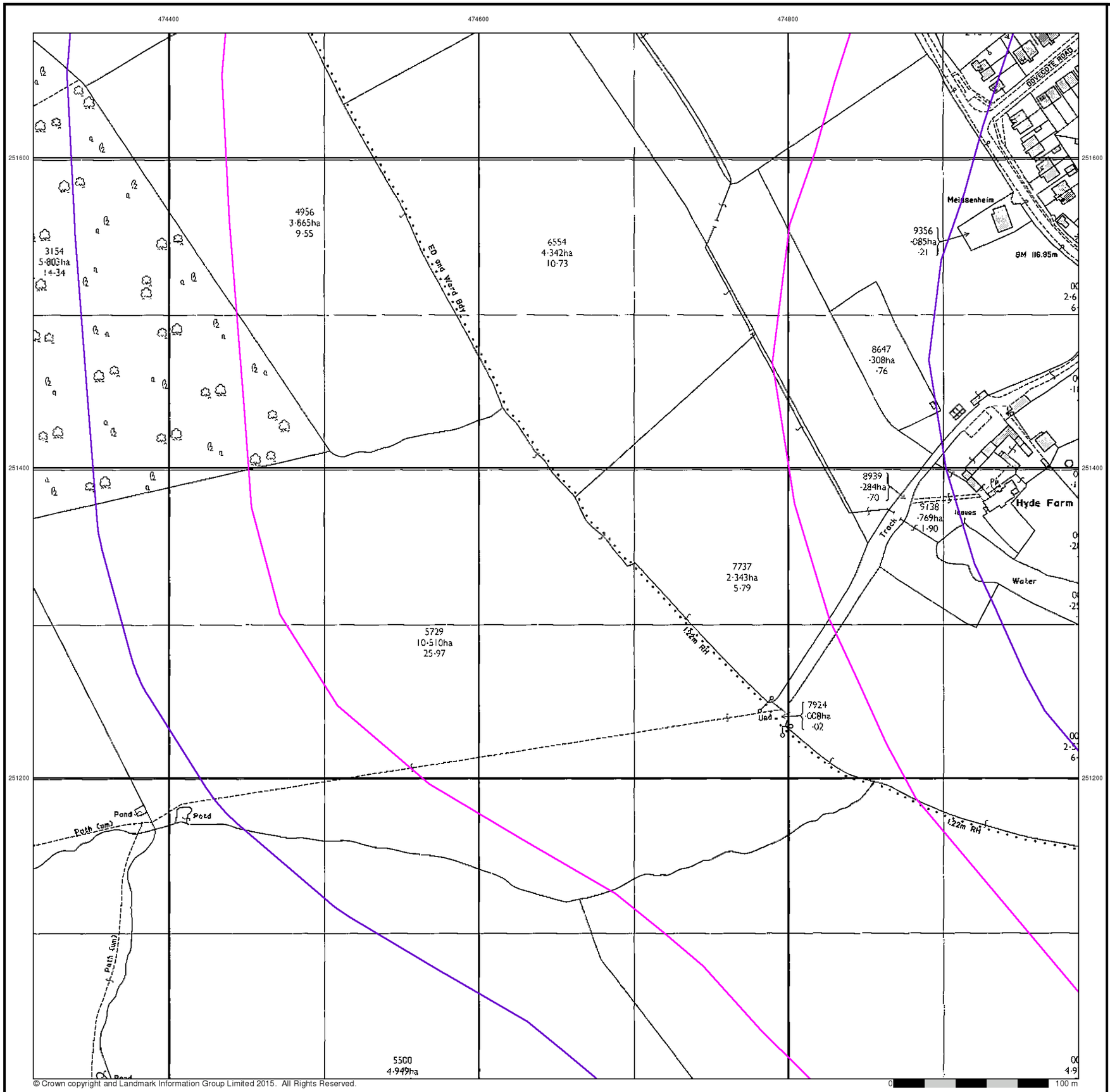
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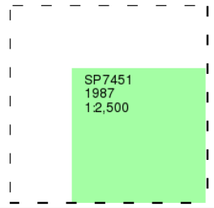
Additional SIMs

Published 1987

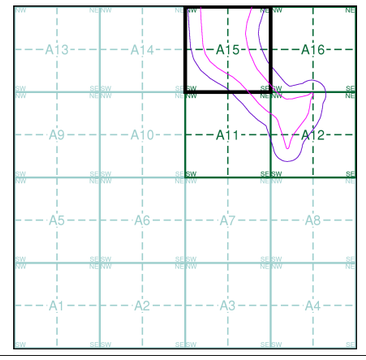
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A15



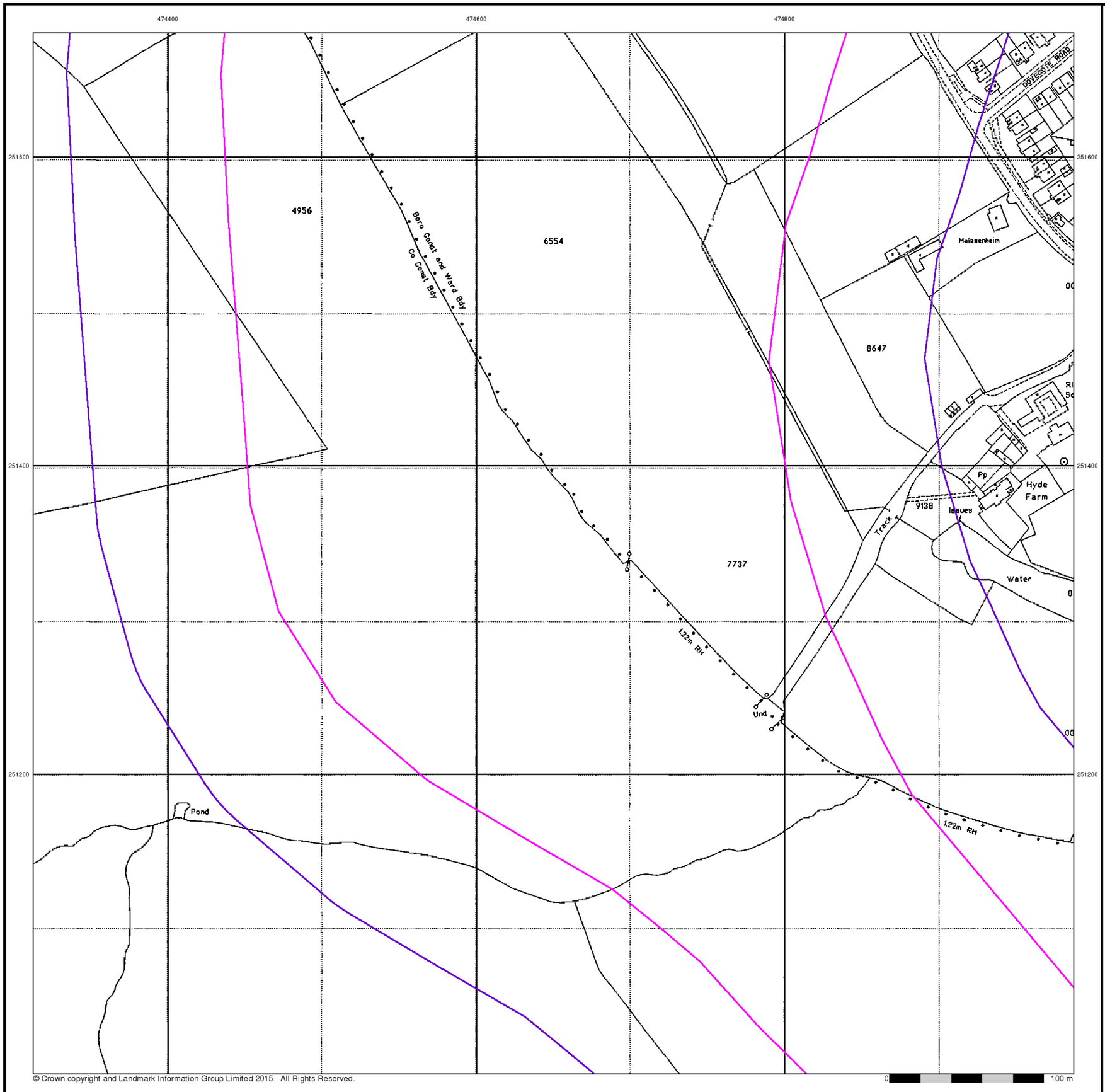
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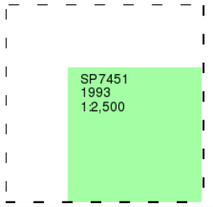
Large-Scale National Grid Data

Published 1993

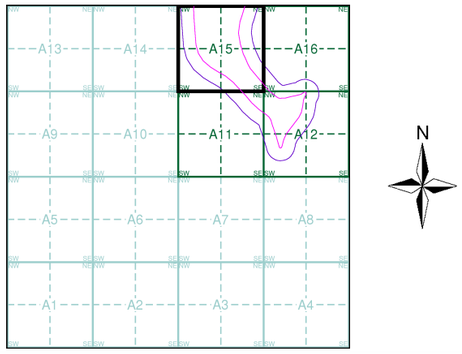
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Map Name(s) and Date(s)



Historical Map - Segment A15



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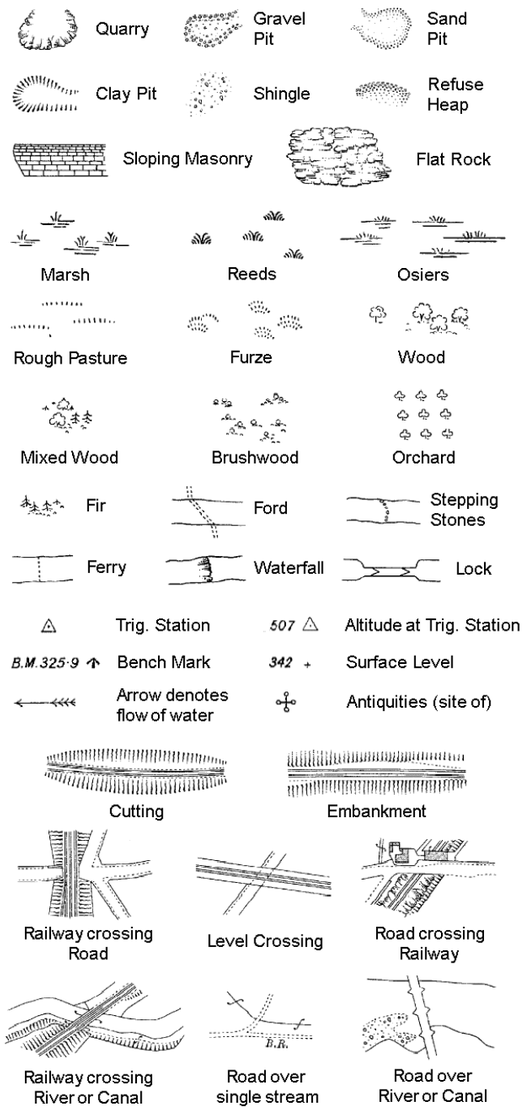
Site Details

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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

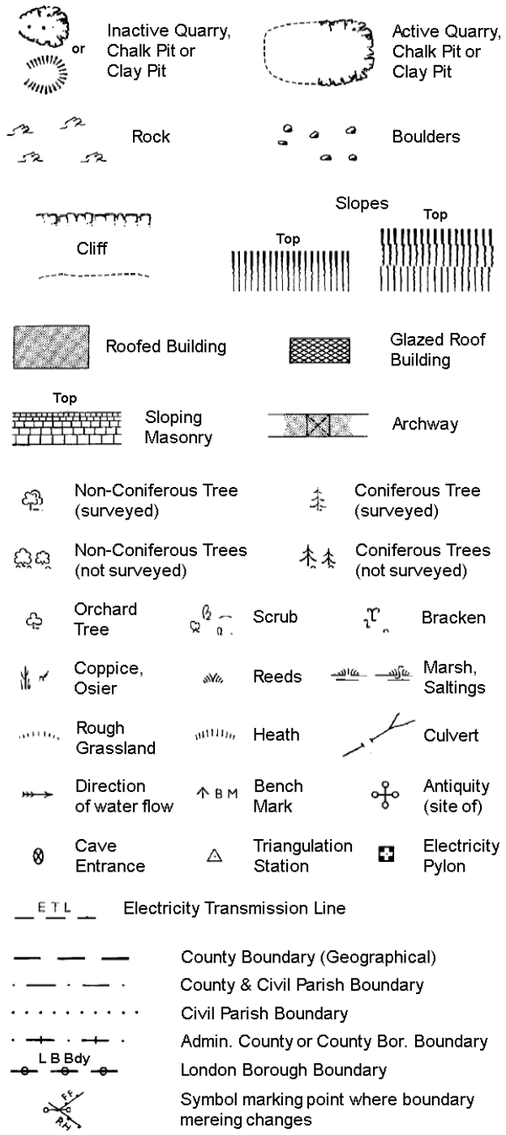
Administrative County & Civil Parish Boundary

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

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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

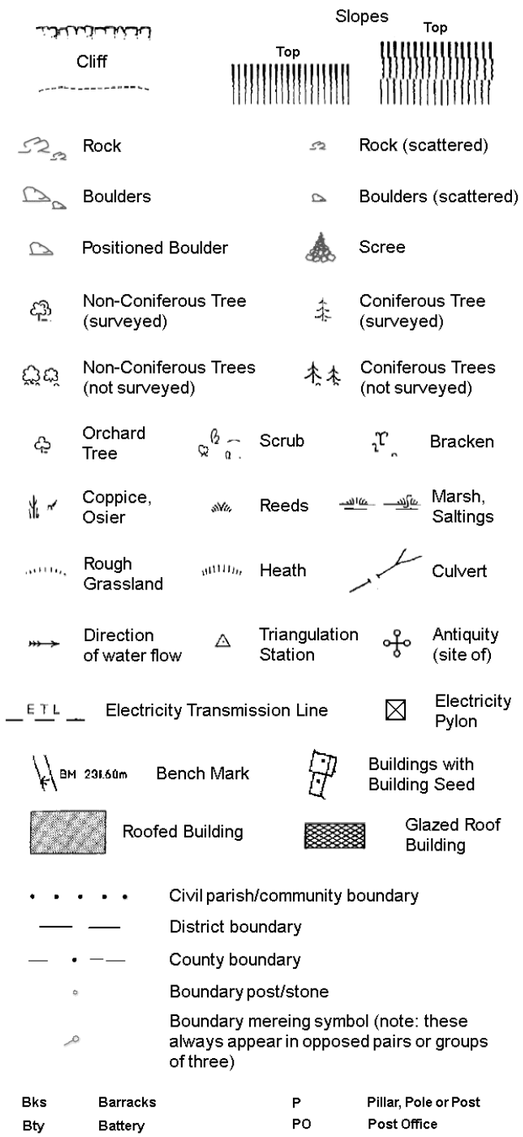
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Large-Scale National Grid Data 1:2,500 and 1:1,250



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)

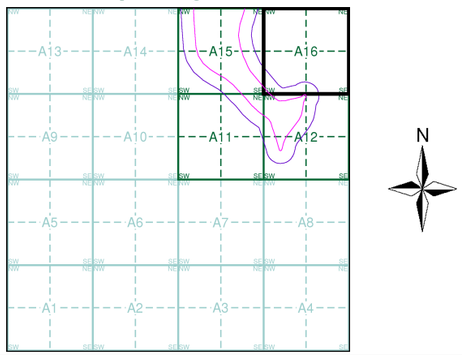
Bks	Barracks	P	Pillar, Pole or Post
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Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
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GVC	Gas Governer	Wd Pp	Wind Pump
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
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Ordnance Survey Plan	1:2,500	1979	5
Additional SIMs	1:2,500	1987	6
Large-Scale National Grid Data	1:2,500	1993	7

Historical Map - Segment A16



Order Details

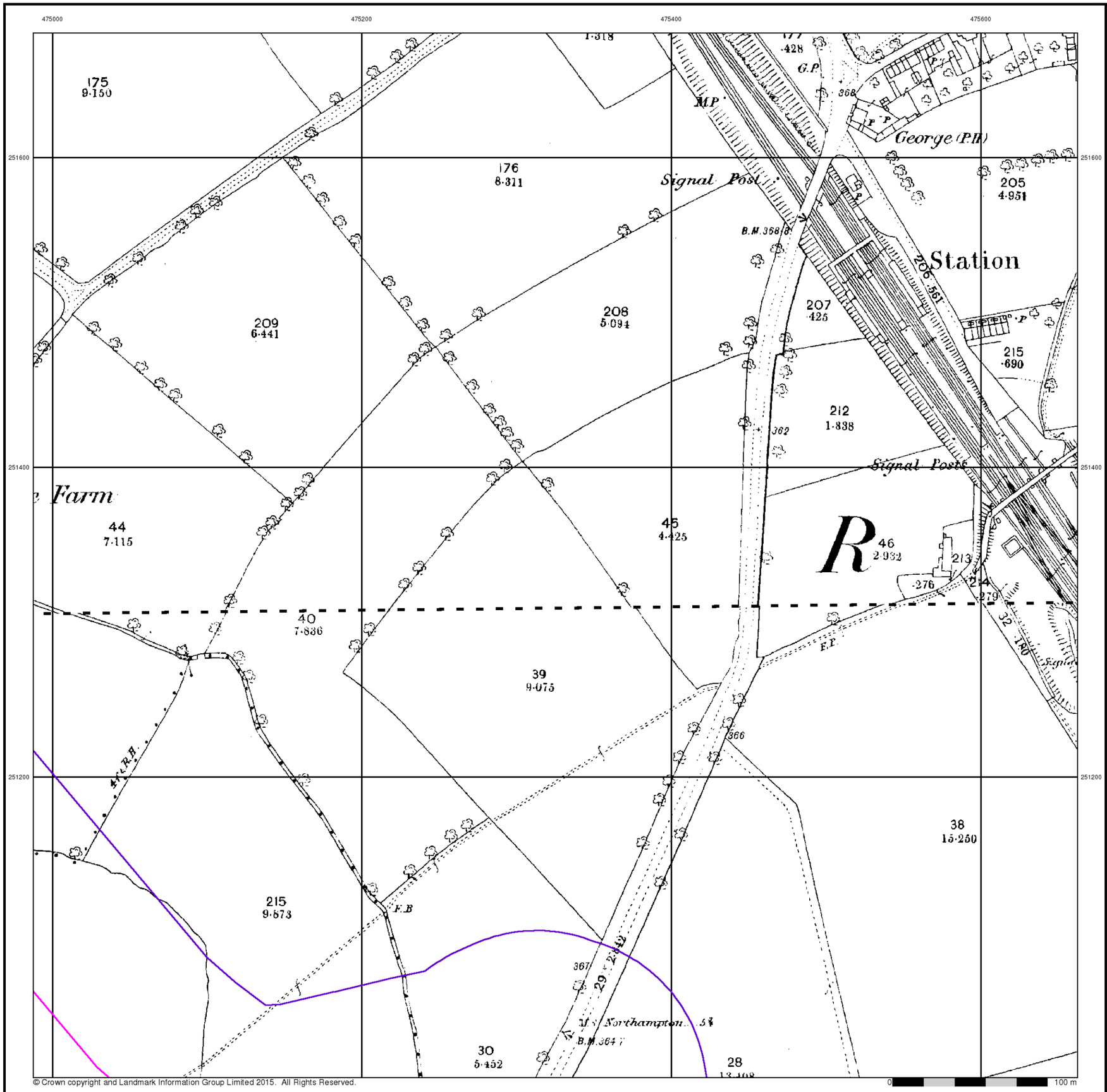
Order Number:	90638346_1_1
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National Grid Reference:	474710, 250770
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Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

Tel: 0844 844 9952
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Northamptonshire

Published 1884 - 1885

Source map scale - 1:2,500

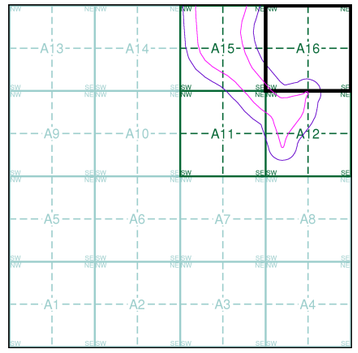
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

052_13
1885
1:2,500

057_01
1884
1:2,500

Historical Map - Segment A16



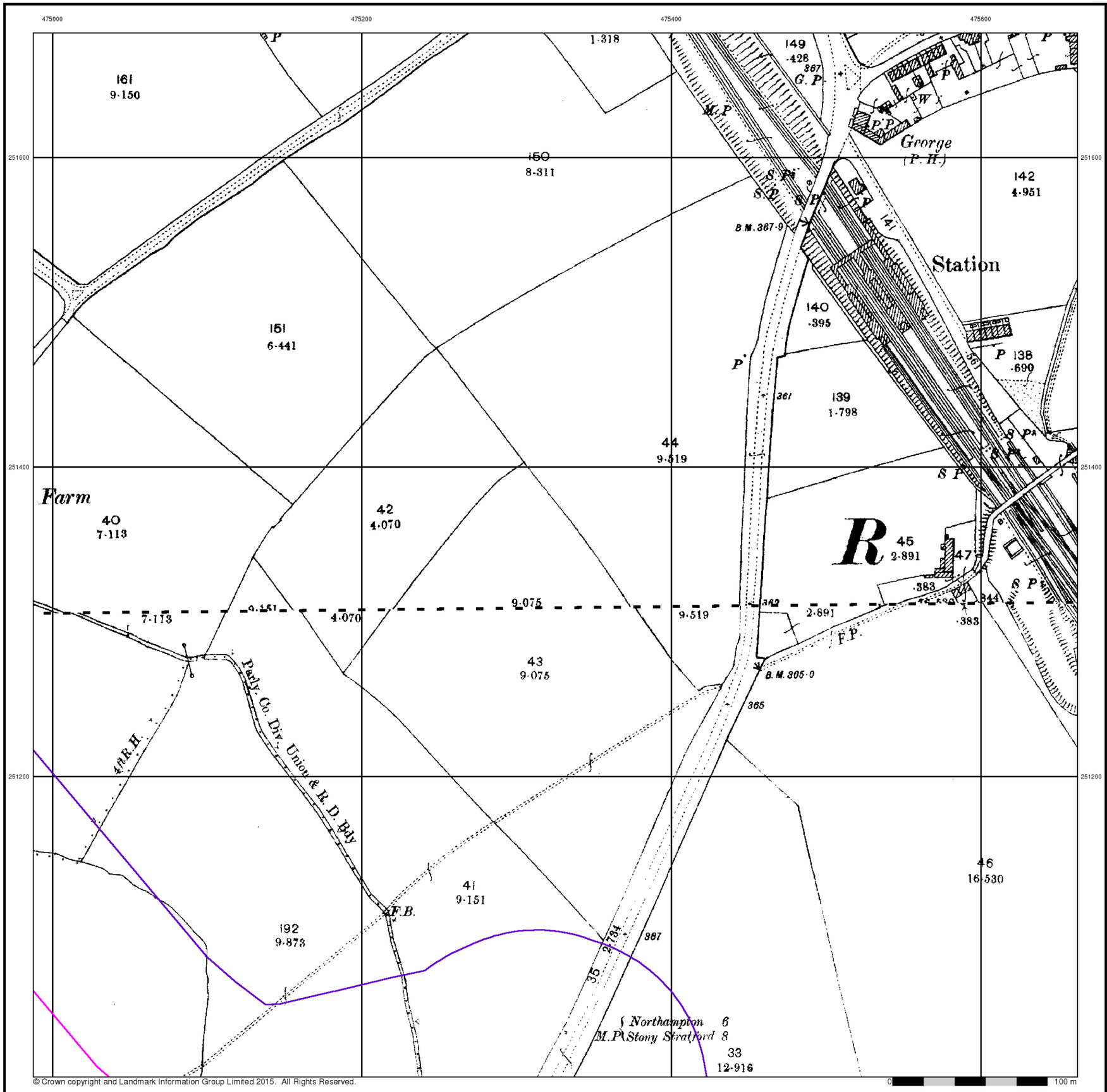
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Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474710, 250770
Slice:	A
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

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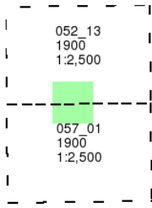
Northamptonshire

Published 1900

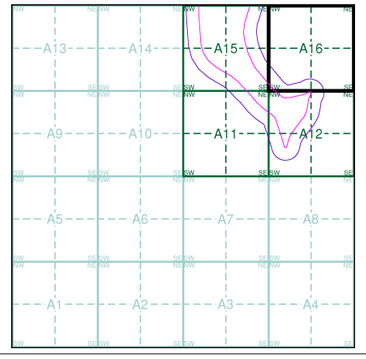
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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



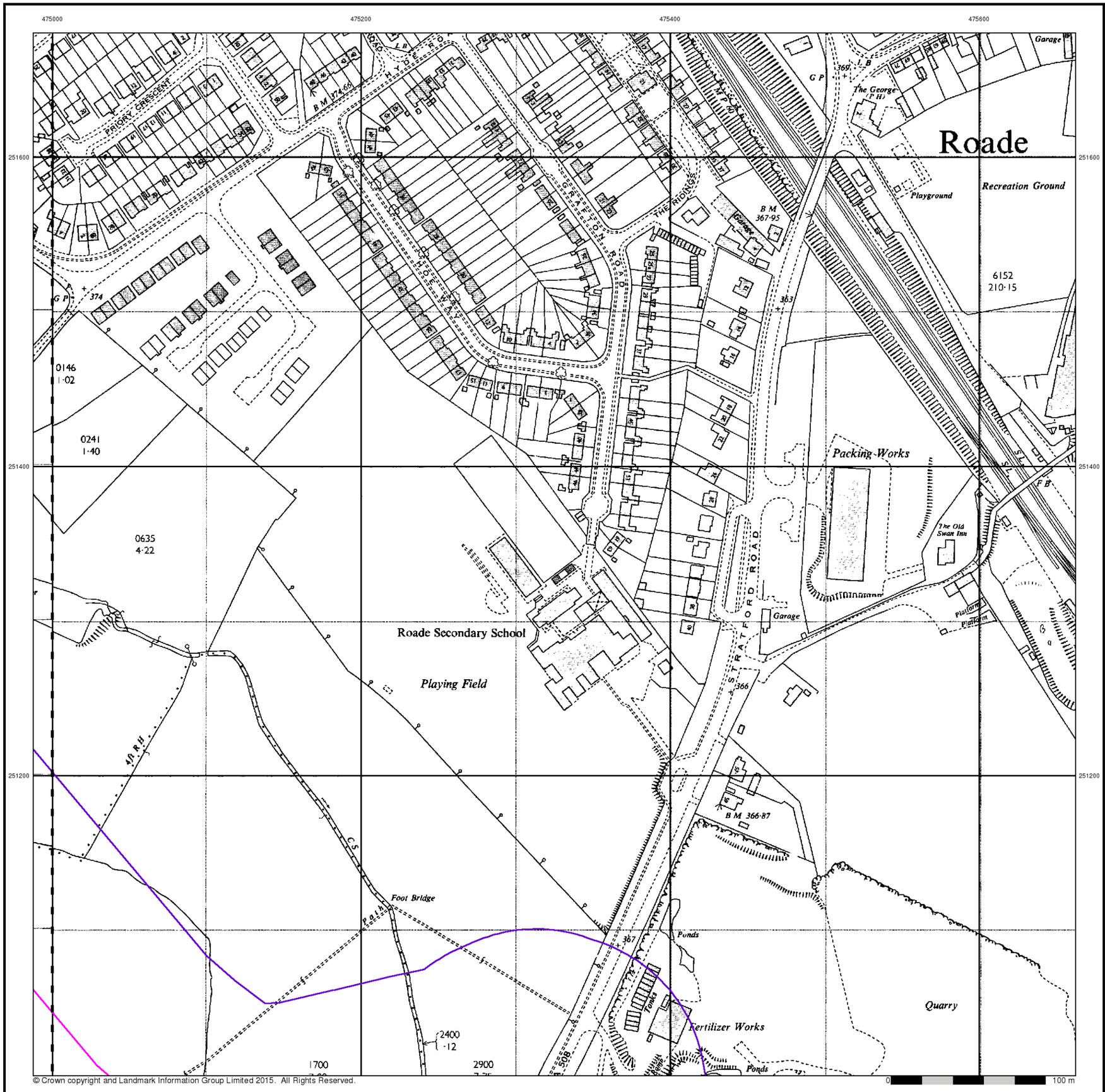
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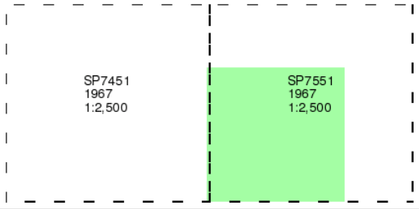
Ordnance Survey Plan

Published 1967

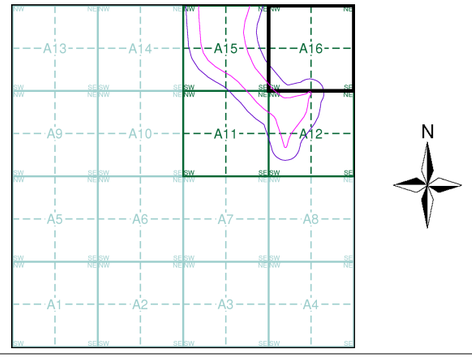
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A16



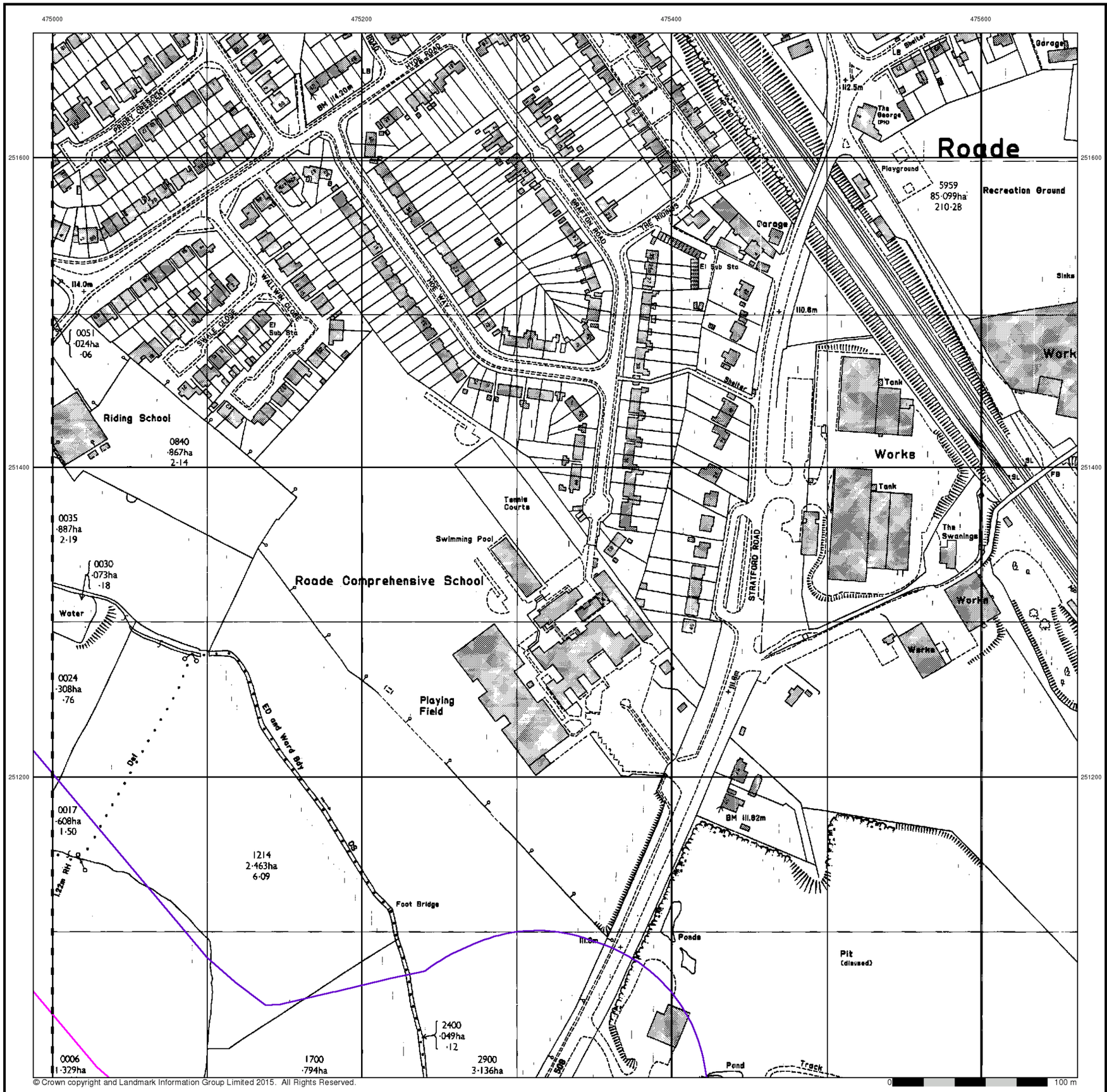
Order Details

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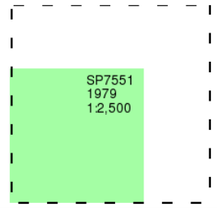
Ordnance Survey Plan

Published 1979

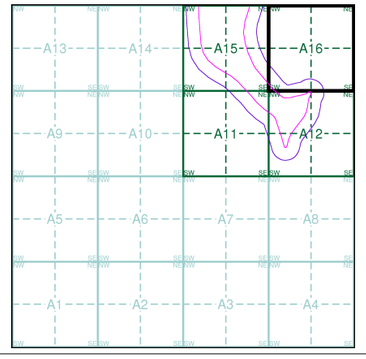
Source map scale - 1:2,500

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

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Historical Map - Segment A16



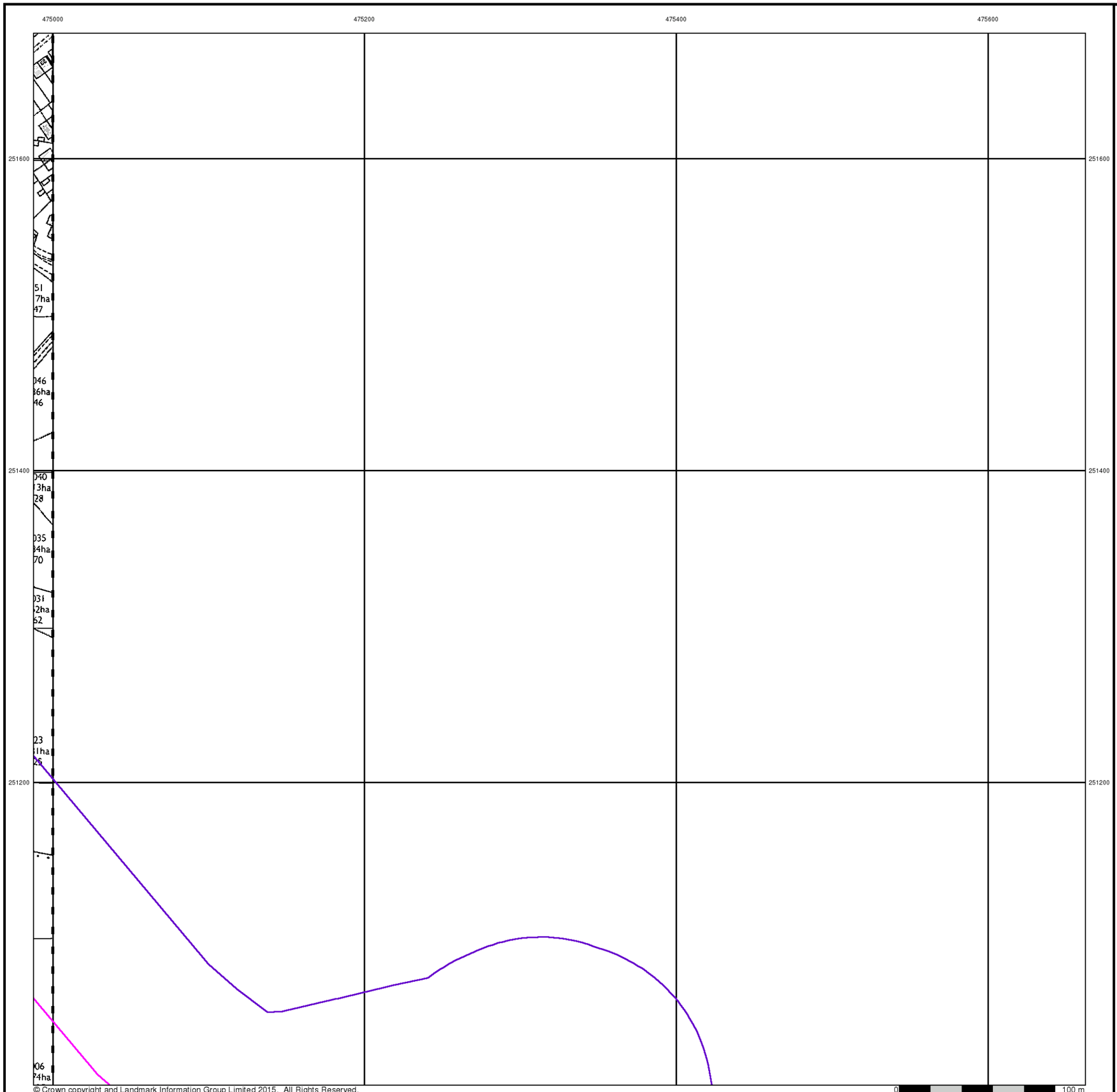
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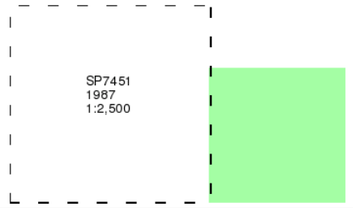
Additional SIMs

Published 1987

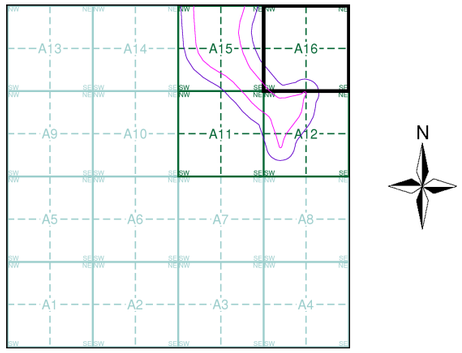
Source map scale - 1:2,500

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 A16



Order Details

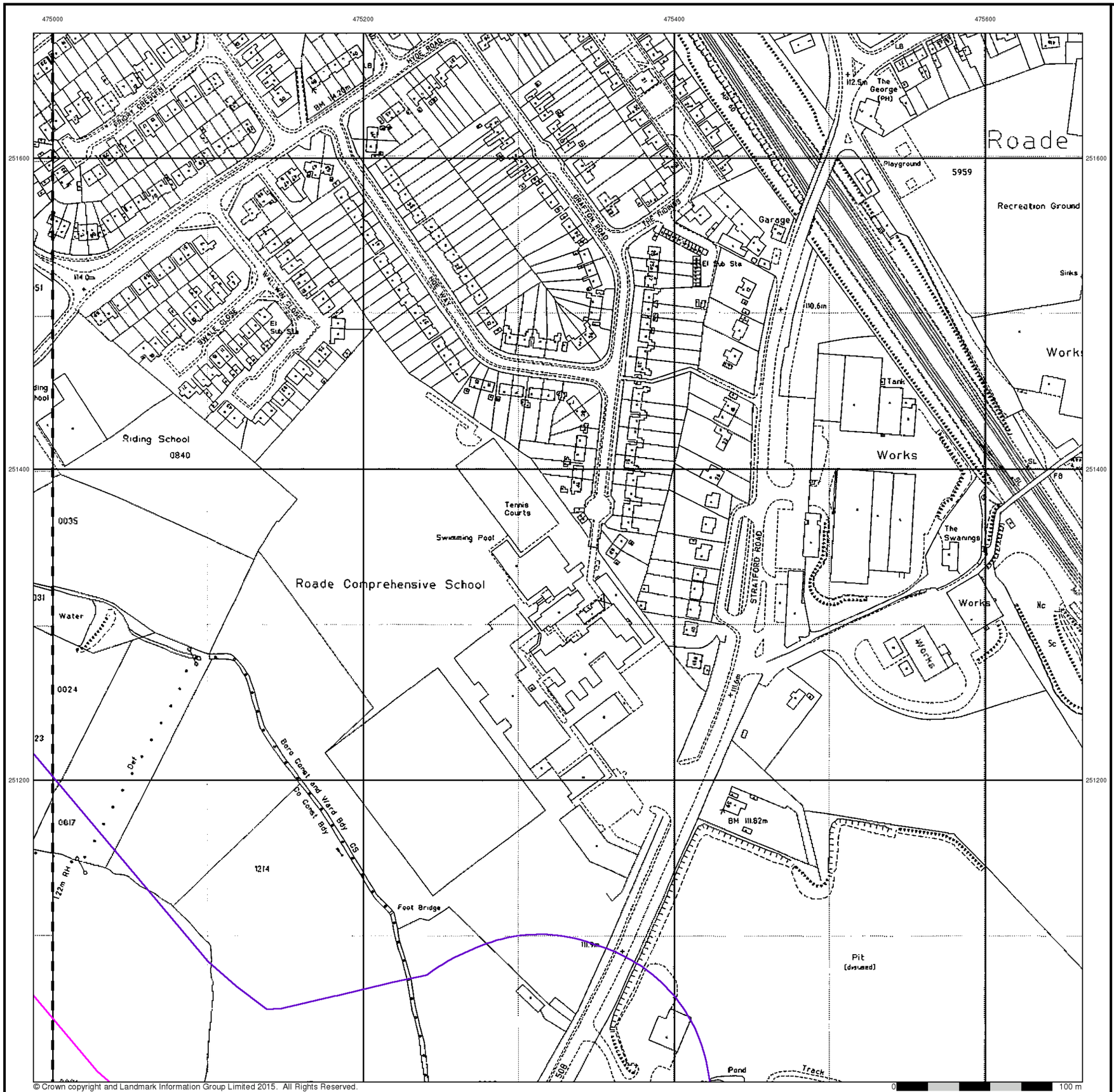
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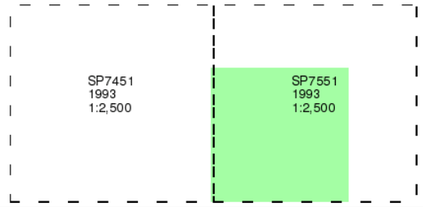
Large-Scale National Grid Data

Published 1993

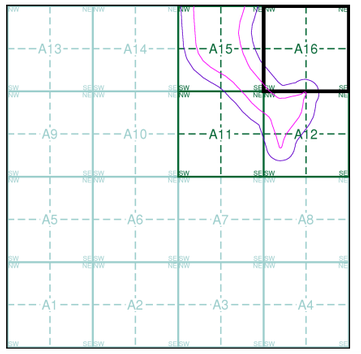
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16



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Geology 1:10,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Pleistocene
	TILMP	TILL, MID PLEISTOCENE	Diamicton	Ipswichian - Cromerian
	GFDMP	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone and Mudstone, Interbedded	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
	Fault			

Envirocheck® Geology

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

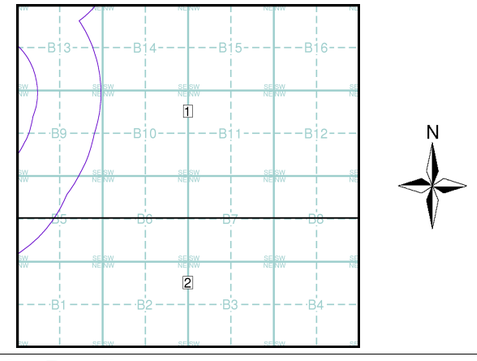
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1	**Map ID:**	2
Map Name:	SP75SE	**Map Name:**	SP74NE
Map Date:	1961	**Map Date:**	1962
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Not Available	**Artificial Geology:**	Not Available
Faults:	Available	**Faults:**	Available
Landslip:	Available	**Landslip:**	Not Available
Rock Segments:	Not Available	**Rock Segments:**	Not Available

Geology 1:10,000 Maps - Slice B



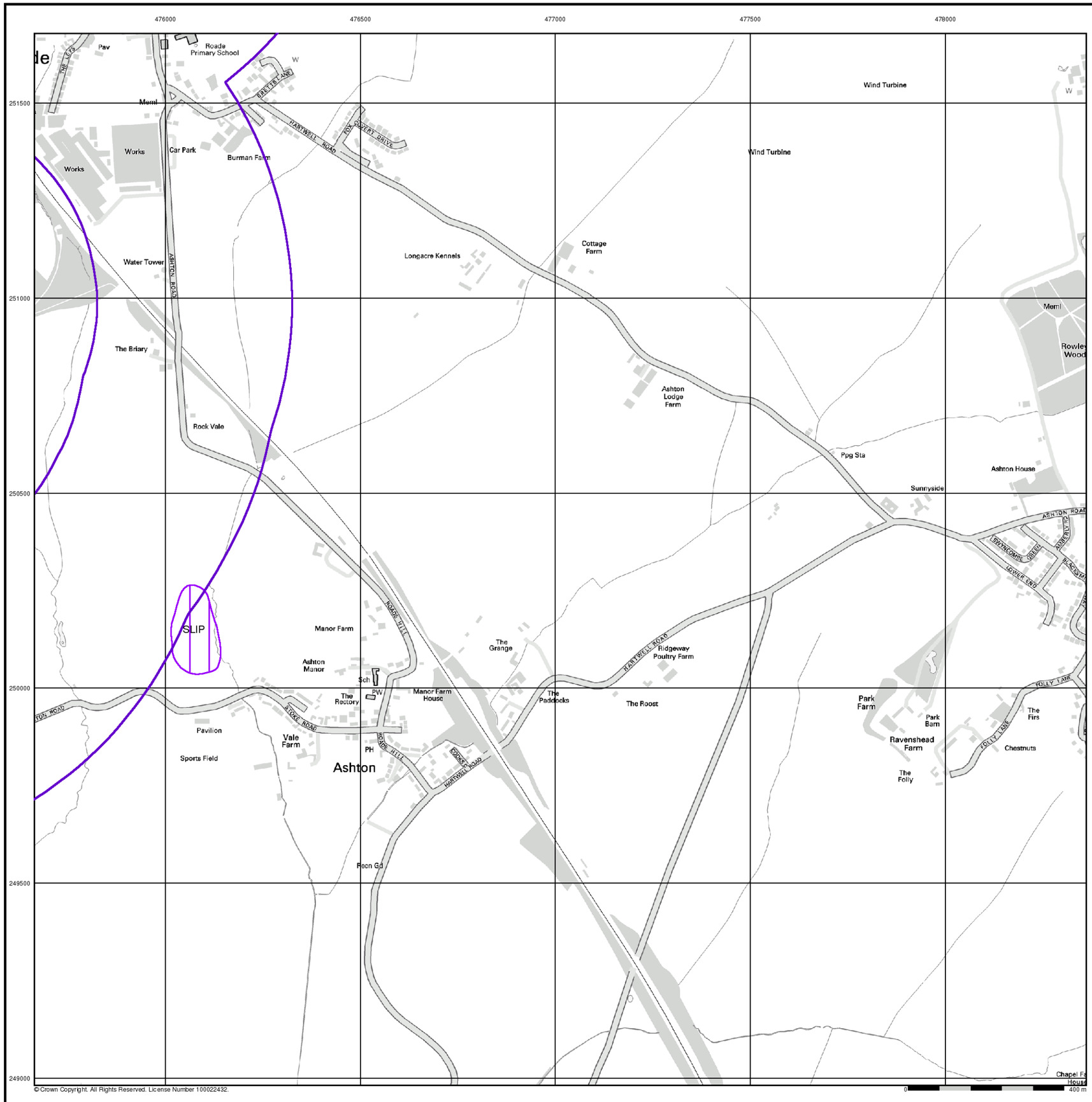
Order Details

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National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

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Envirocheck® Geology

Artificial Ground and Landslip

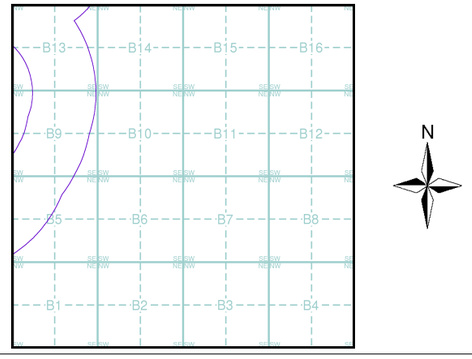
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice B



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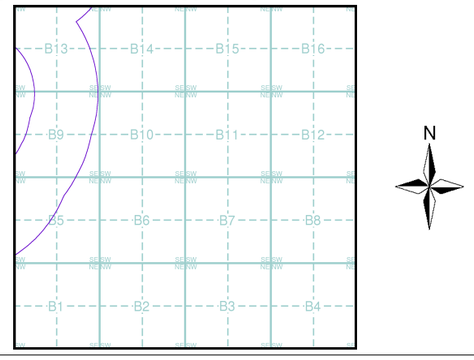
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice B



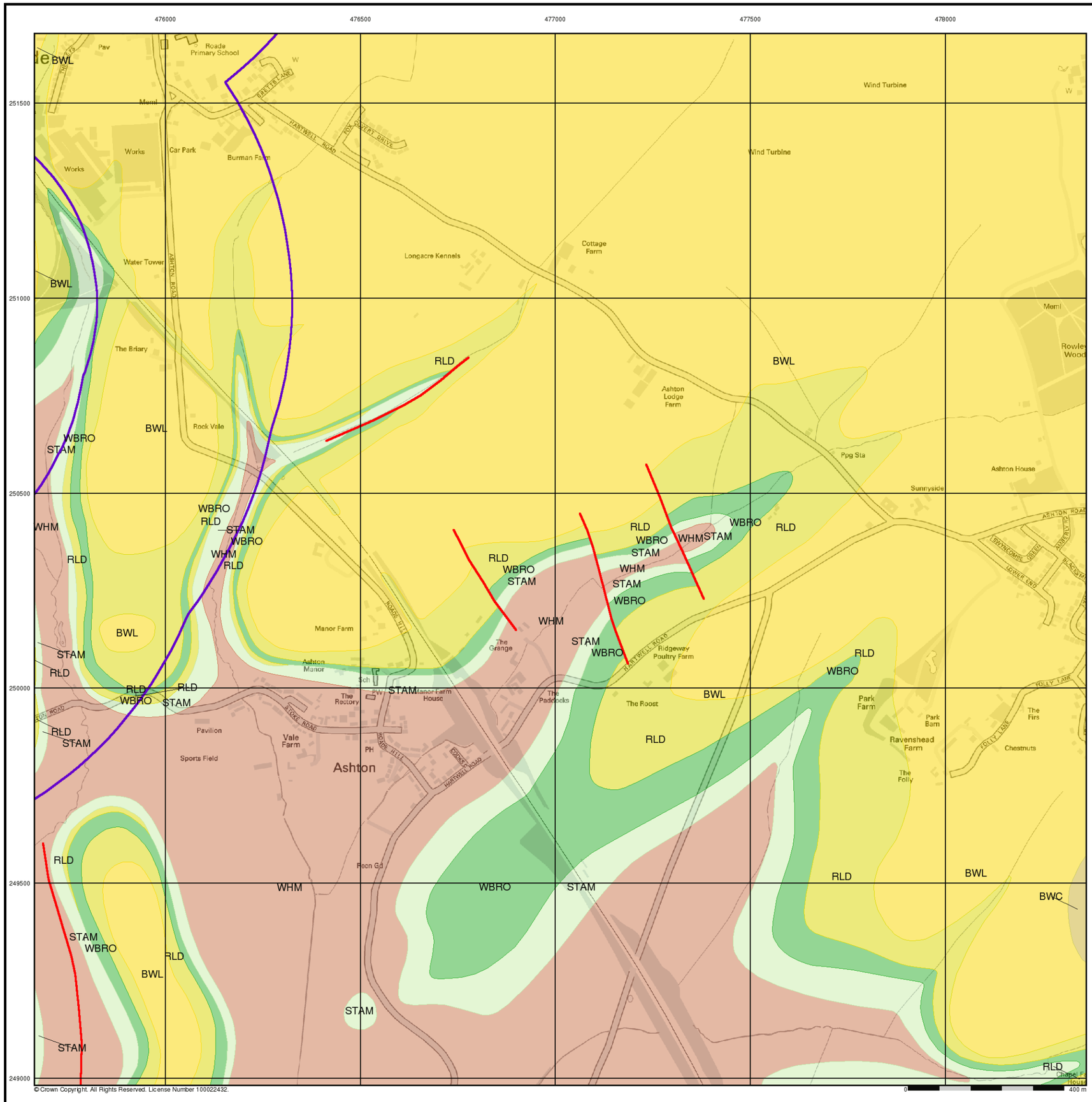
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Envirocheck® Geology

Bedrock and Faults

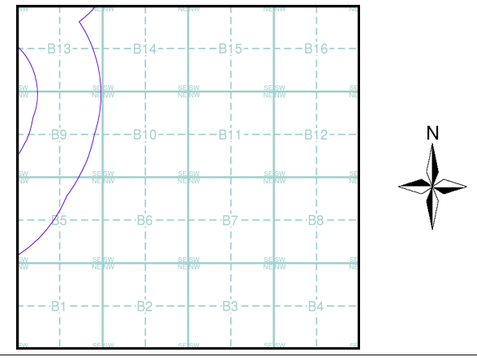
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice B



Order Details

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Envirocheck® Geology

Combined Surface Geology

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

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

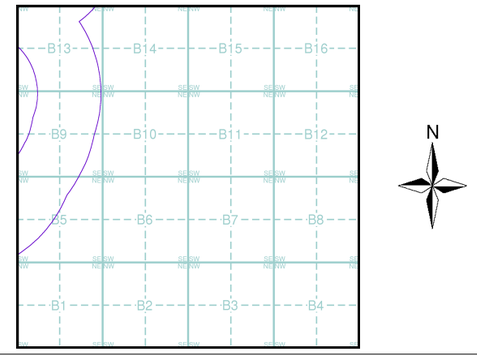
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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

Combined Geology Map - Slice B

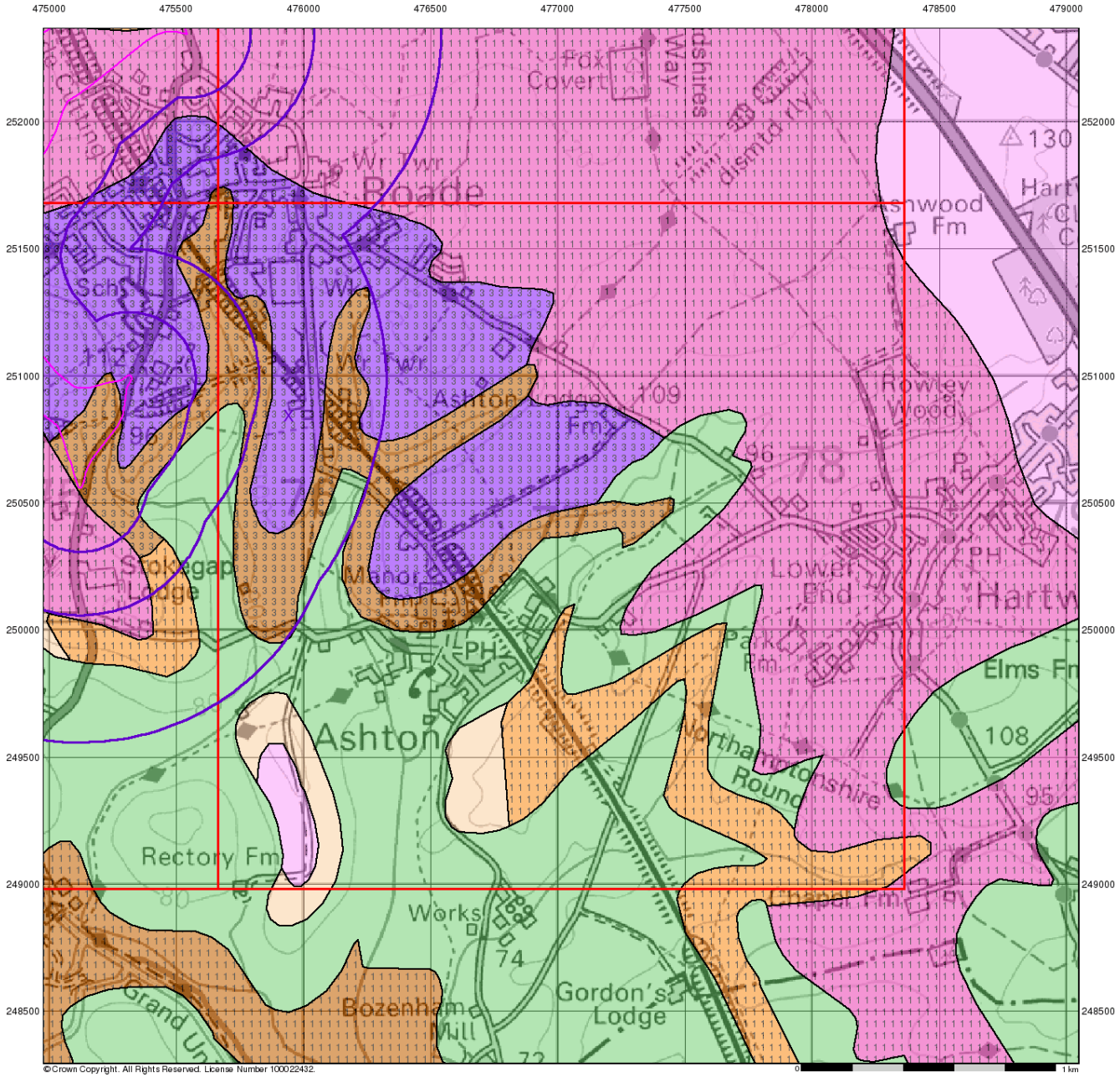


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Groundwater Vulnerability

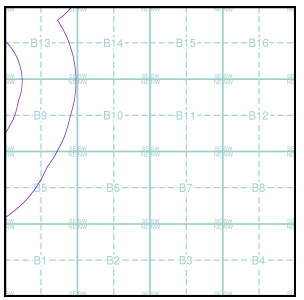
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice B



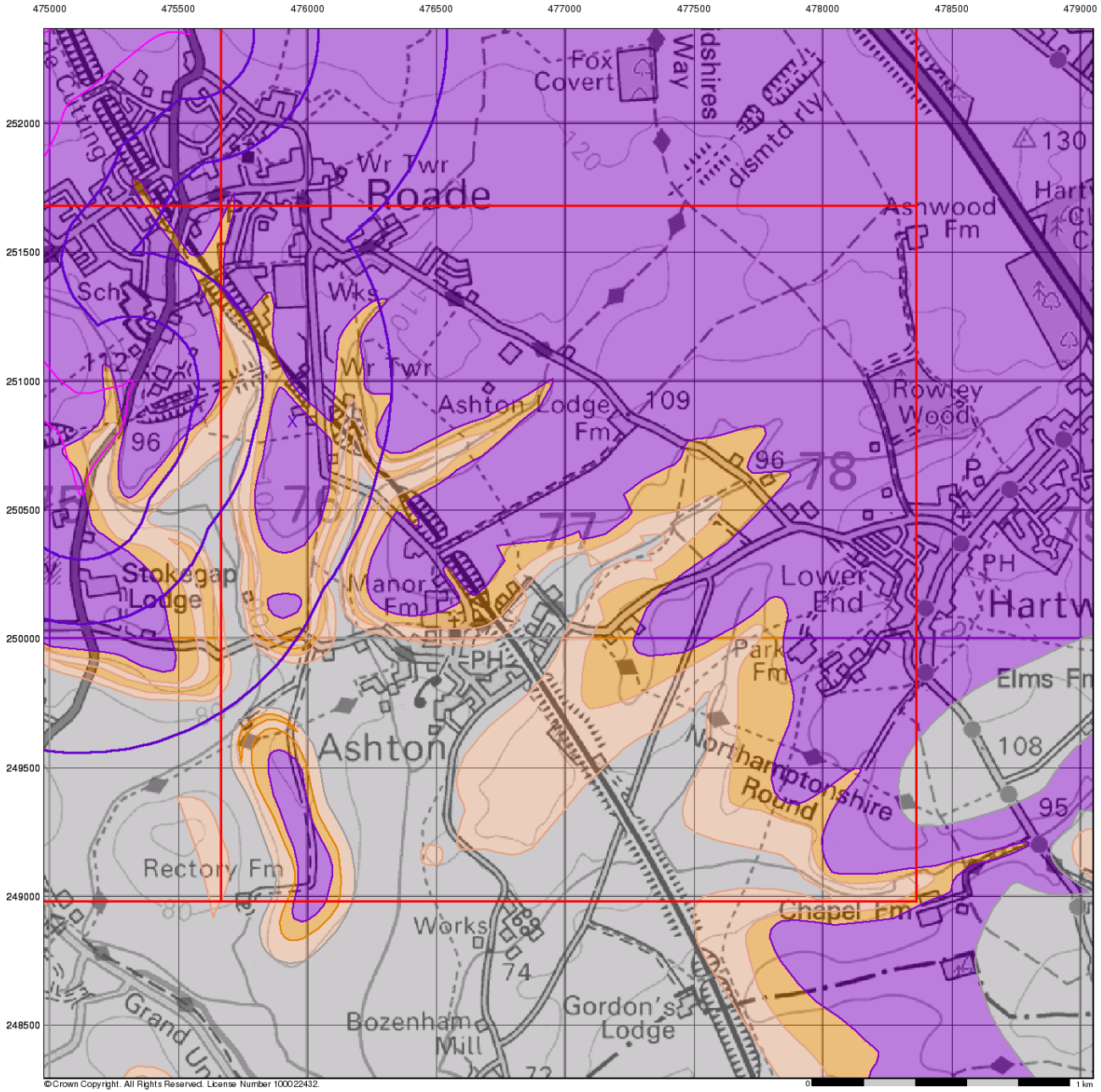
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Bedrock Aquifer Designation

General

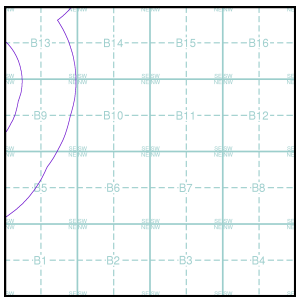
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



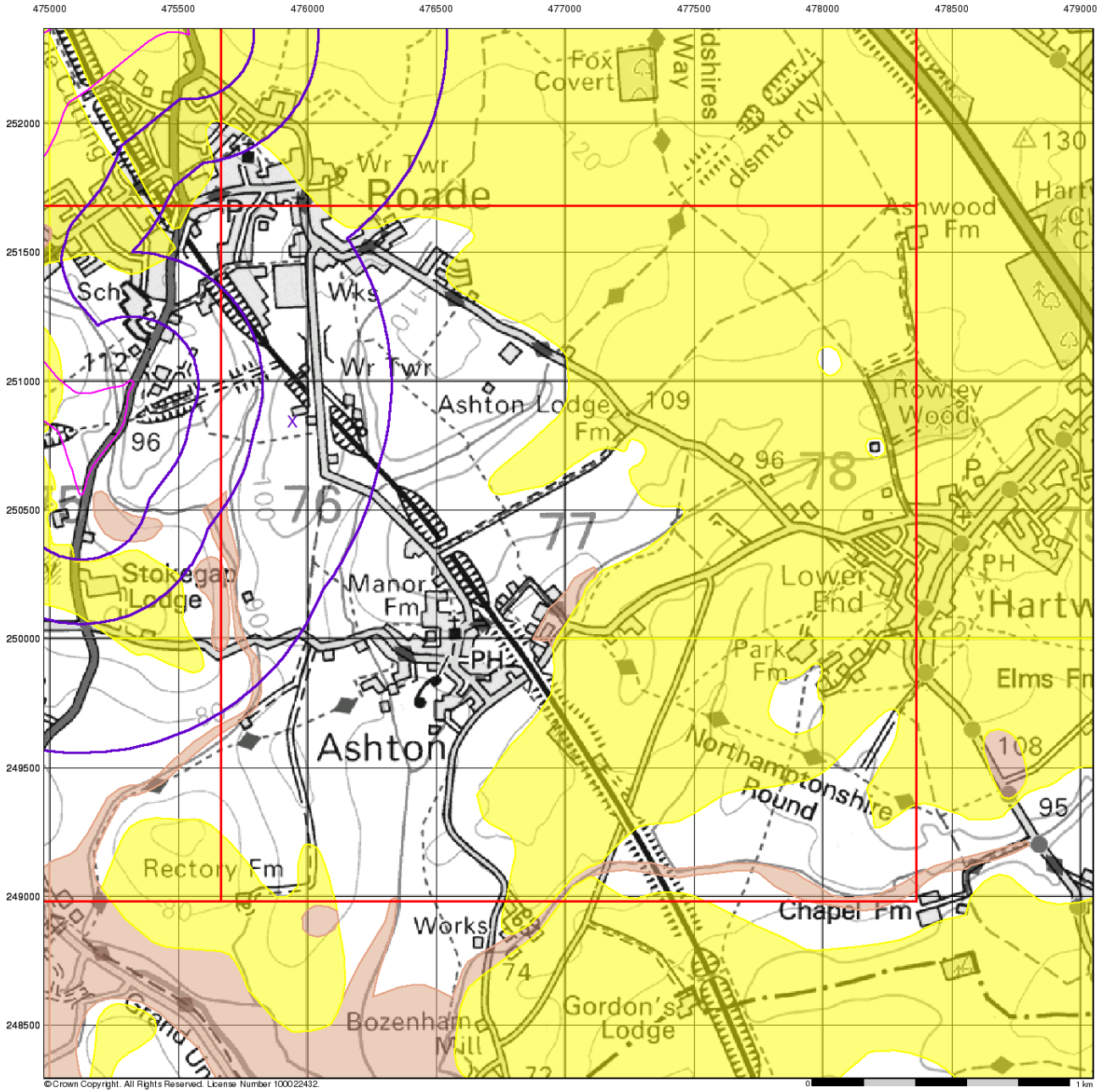
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Superficial Aquifer Designation

General

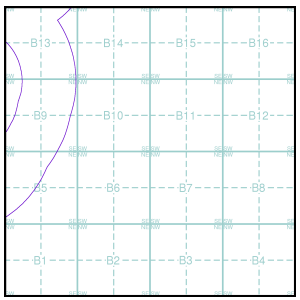
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



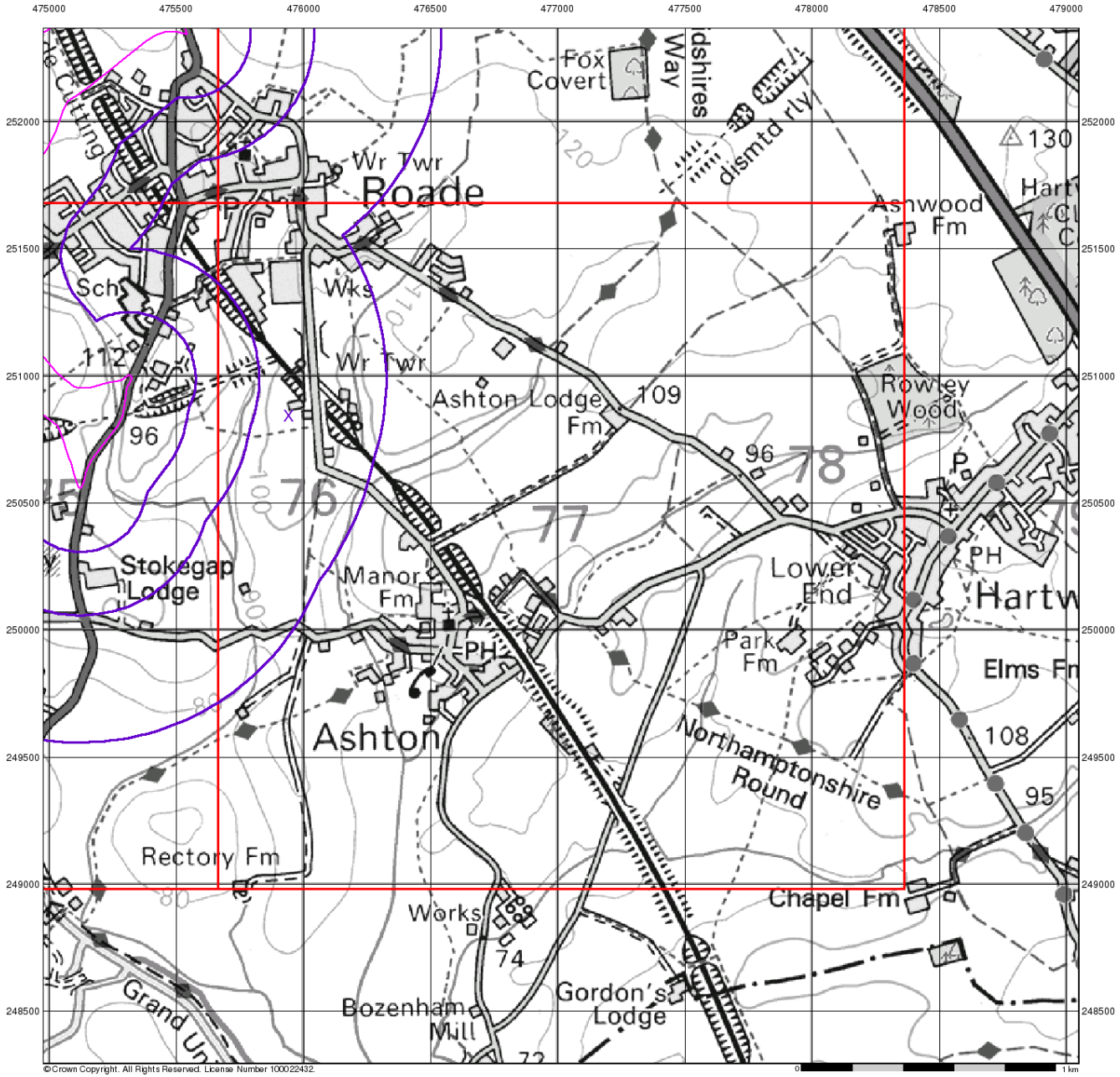
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Source Protection Zones

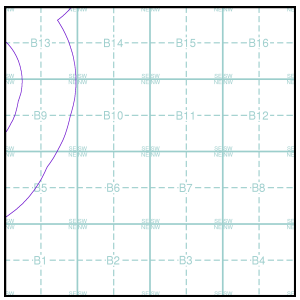
General

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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice B



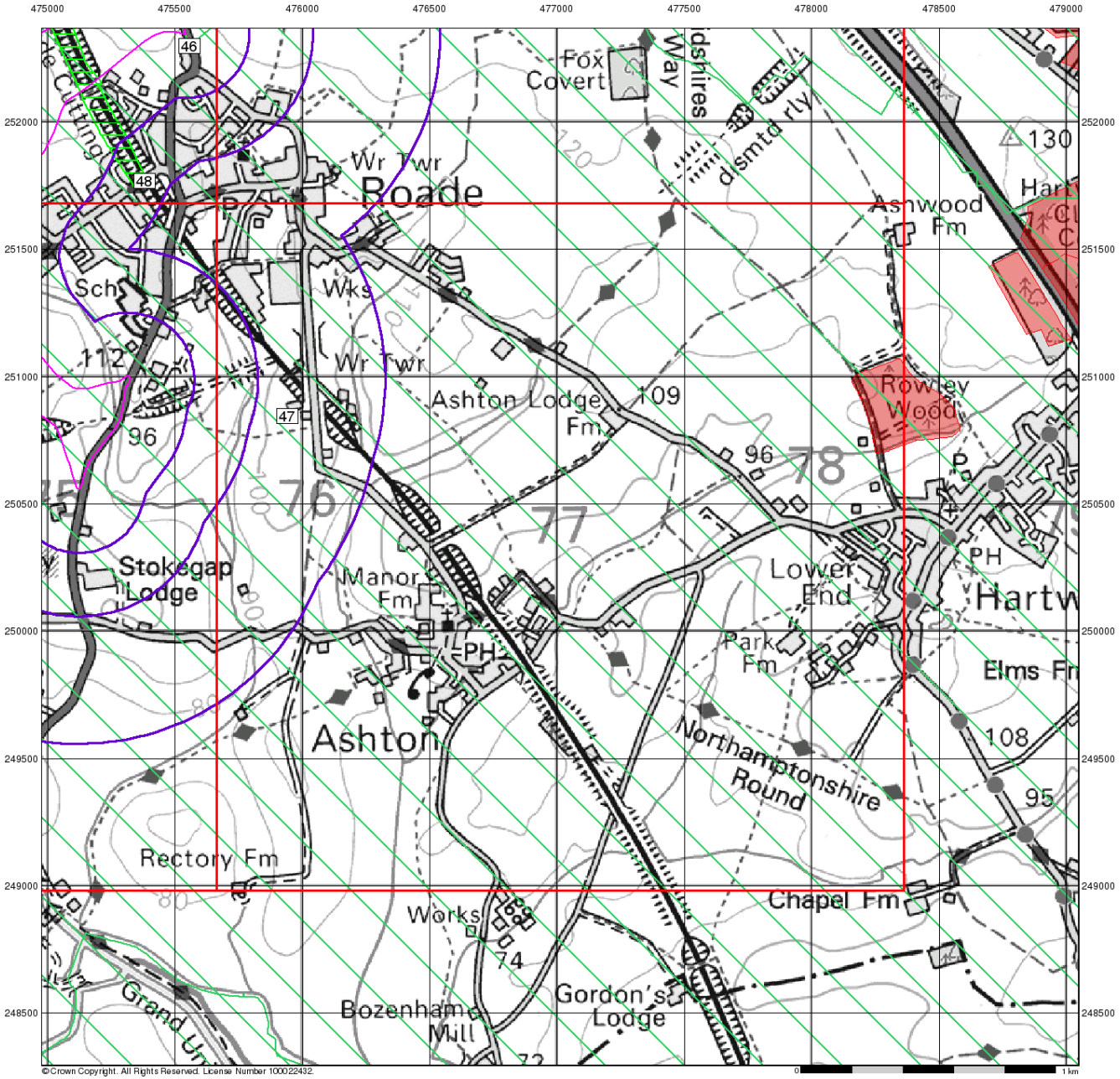
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Sensitive Land Uses

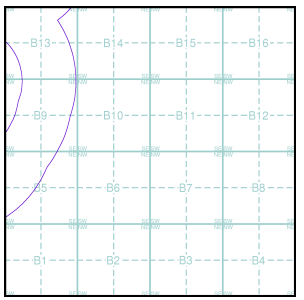
General

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 B



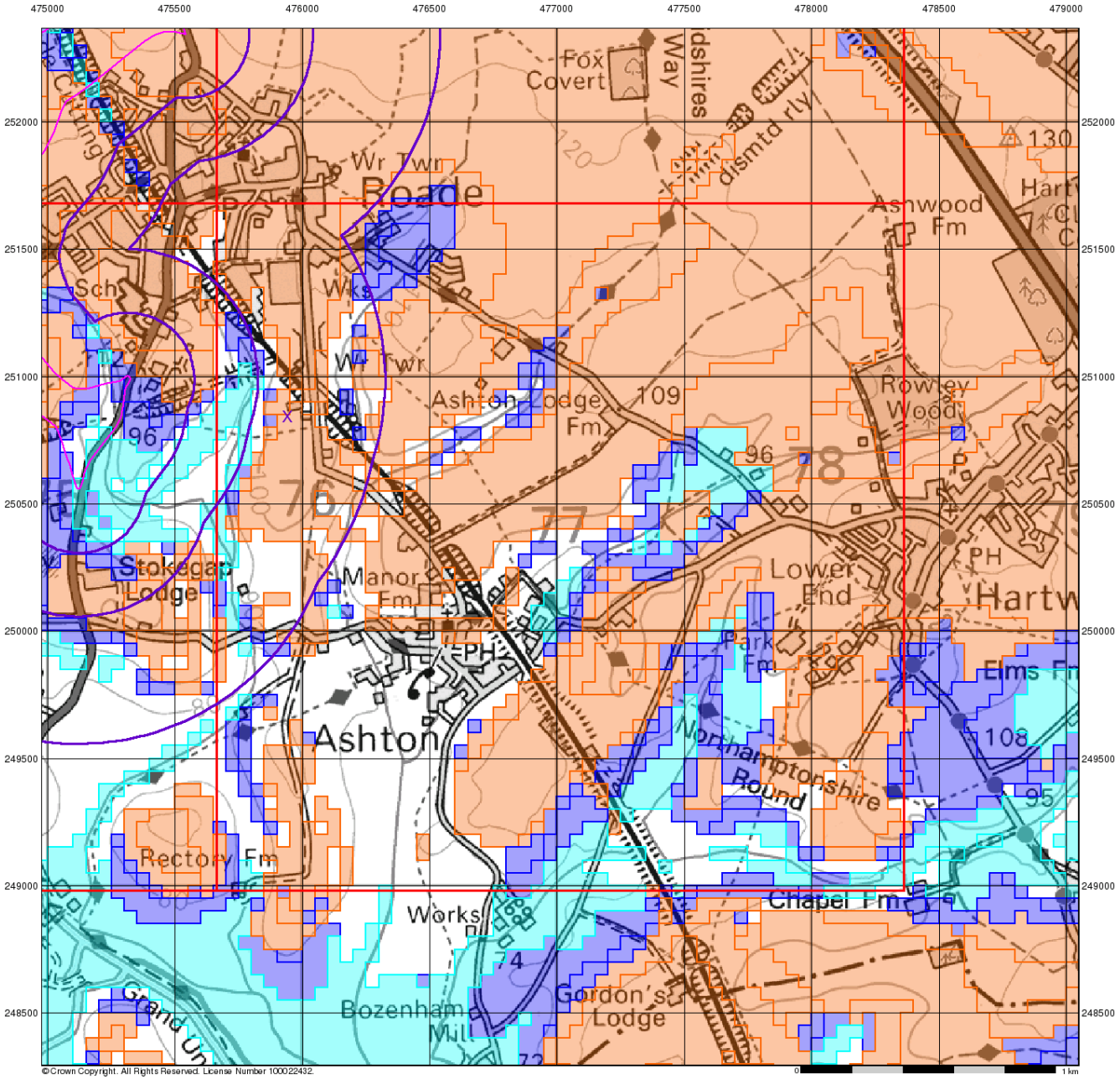
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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BGS Flood GFS Data

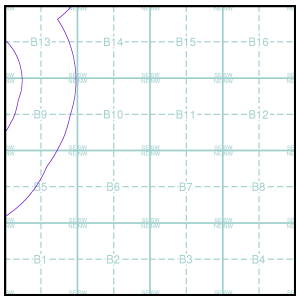
General

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 B



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
90638346_1_1

Customer Reference:
313418

National Grid Reference:
475940, 250840

Slice:
B

Site Area (Ha):
72.92

Search Buffer (m):
1000

Site Details:

Ivydene, Bailey Brooks Lane
Roade
NORTHAMPTON
NN7 2LS

Client Details:

Mrs D Martin
RSK Environment Ltd
Abbey Park
Humber Road
Coventry
CV3 4AQ

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	14
Industrial Land Use	18
Sensitive Land Use	20
Data Currency	21
Data Suppliers	26
Useful Contacts	27

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 the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v50.0

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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 4				2
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 5				1
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5				6
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6			Yes	
Pollution Incidents to Controlled Waters	pg 6				4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 7			1	
Water Abstractions	pg 7				(*3)
Water Industry Act Referrals	pg 7				3
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Drift Deposits	pg 8	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
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
Detailed River Network Lines	pg 9			Yes	n/a
Detailed River Network Offline Drainage					n/a

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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	pg 12				1
Historical Landfill Sites	pg 12				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 12	1			
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 12	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 12		1		1
Potentially Infilled Land (Non-Water)	pg 12				3
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 13	2			1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 14	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 14	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 16				2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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			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 18				3
Fuel Station Entries					
Points of Interest - Commercial Services	pg 18				2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 18				8
Points of Interest - Public Infrastructure	pg 19				1
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

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					
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: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	2	475200 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	2	475050 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	2	475100 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475100 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	2	475000 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475200 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	2	475000 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	2	475650 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	2	475000 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	2	475100 252200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475000 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475000 250844
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475150 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475100 250700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475050 250800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	2	475200 250844
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475500 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475200 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475300 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	2	475100 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	2	475150 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	2	475700 251950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	2	475000 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	2	475150 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	2	475150 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	2	475200 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NE (NE)	0	2	476000 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475000 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475050 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NW (NW)	0	2	475850 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	2	2	475550 250844
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	24	2	475200 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	26	2	475250 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	28	2	475650 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	65	2	475150 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	66	2	475200 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	74	2	475250 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	90	2	475000 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	92	2	475000 251450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	96	2	475250 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	98	2	475000 250600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	112	2	475000 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	117	2	475250 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	131	2	475250 250450

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	(NW)	131	2	475100 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	136	2	475300 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	143	2	475150 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	158	2	475150 250400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	170	2	475150 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	182	2	475200 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	206	2	475300 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	210	2	475250 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	214	2	475200 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	241	2	475600 250850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	243	2	475300 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	258	2	475350 250200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	260	2	475250 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	271	2	475400 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	276	2	475350 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	278	2	475650 250900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	287	2	475350 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	296	2	475350 251800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	333	2	475350 250250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	342	2	475450 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B13SW (NW)	344	2	475700 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	363	2	475400 251750

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	B9NW (NW)	376	2	475750 250950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	381	2	475400 250250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	385	2	475500 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SW (NW)	392	2	475750 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	420	2	475600 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	423	2	475450 250200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	427	2	475550 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NW (NW)	430	2	475850 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	442	2	475000 250100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9SW (SW)	447	2	475700 250550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	451	2	475450 251650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	454	2	475550 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9SW (SW)	455	2	475750 250650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	471	2	475600 250350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	496	2	475600 250300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B13SW (N)	497	2	475800 251250
1	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Simplex Sps Ashton Road, Roade, Northampton, Nn7 2lg Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf3252 Permit Version: 1 Effective Date: 25th April 1989 Issued Date: 25th April 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Tove **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	B13SW (N)	524	3	475820 251160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Roade So, Roade, Northampton, Nn7 2nr Authority: Environment Agency, Anglian Region Catchment Area: River Tove (Towcester) Reference: Aw1nf391 Permit Version: 1 Effective Date: 14th December 1962 Issued Date: 14th December 1962 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	B13NW (N)	712	3	475700 251600
3	**Integrated Pollution Controls** Name: Pianoforte Supplies Ltd Location: Simplex Works, Roade, NORTHAMPTON, NN7 2LG Authority: Environment Agency, Anglian Region Permit Reference: AL6000 Dated: 11th April 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.3 A (F) Acid processes within the Chemical Industry **Status:** **Application referred to Local Authority for consideration** Positional Accuracy: Automatically positioned in the proximity of the address	B13NW (N)	784	3	475981 251422
4	**Local Authority Pollution Prevention and Controls** Name: Pianoforte Supplies Ltd Location: Simplex Works, Ashton Road, ROADE, Northamptonshire, NN7 2LG Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: Pg6/23-31-32(92) Dated: 5th November 1993 Process Type: Local Authority Air Pollution Control Description: PG6/32 Adhesive coating **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	B13NW (N)	601	4	475732 251437
4	**Local Authority Pollution Prevention and Controls** Name: Pianoforte Supplies Ltd Location: Simplex Works, Ashton Road, ROADE, Northamptonshire Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: PG6/23-31-32(92) Dated: 5th November 1993 Process Type: Local Authority Air Pollution Control Description: PG6/31 Powder coating processes (including sheradizing) **Status:** **Authorised** Positional Accuracy: Manually positioned to the address or location	B13NW (N)	604	4	475729 251444
4	**Local Authority Pollution Prevention and Controls** Name: Pianoforte Supplies Ltd Location: Ashton Road, Roade, NORTHAMPTON, NN7 2LG Authority: Northampton Borough Council, Environmental Health Department Permit Reference: AA7307 Dated: 25th June 1991 Process Type: Application under SI 318, 1989 The Control of Industrial Air Pollution (Registration of Works) Regulations 1989 Description: Processes registered under S. 9 of the Alkali Act 1906 and S. 5 of the Health & Safety at Work Act 1974 **Status:** **Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	B13NW (N)	608	5	475725 251452
5	**Local Authority Pollution Prevention and Controls** Name: Pianoforte Supplies Ltd Location: Simplex Works, Ashton Road, ROADE, Northamptonshire Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: Ro/4.3(F)/02 Dated: 11th April 1994 Process Type: Local Authority Air Pollution Control Description: PG4/1 Processes for the surface treatment of metals **Status:** **Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	B13NW (N)	628	4	475836 251358

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Local Authority Pollution Prevention and Controls** Name: Pianoforte Supplies Ltd Location: Simplex Works, Ashton Road, ROADE, Northamptonshire, NN7 2LG Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: Ro/6.5(A)/02 Dated: 5th November 1993 Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	B13NW (N)	628	4	475836 251358
6	**Local Authority Pollution Prevention and Controls** Name: Pianoforte Supplies Ltd Location: Simplex Works, Ashton Road, Roade, Nn7 2lg Authority: South Northamptonshire Council, Environmental Health Department Permit Reference: 56/7/01 Dated: 1st November 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/45 Surface cleaning **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	B13SW (N)	722	4	475960 251335
	Nearest Surface Water Feature	B13SW (NW)	431	-	475705 251203
7	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Bedford District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Paints / Dyes Note: Tributary River Tove Incident Date: 11th January 1993 Incident Reference: 1770 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13NW (N)	694	3	475800 251500
8	**Pollution Incidents to Controlled Waters** Property Type: Road Location: ROADE, Northamptonshire Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Other Inorganic Note: Not Supplied Incident Date: 25th April 1997 Incident Reference: 3672 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	B9SE (S)	790	3	476000 250500
8	**Pollution Incidents to Controlled Waters** Property Type: Road Location: Bedford District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Other Inorganic Note: None Incident Date: 25th April 1997 Incident Reference: 3672 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	B9SE (S)	792	3	476000 250495
9	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Bedford District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Tributary River Tove Incident Date: 18th February 1996 Incident Reference: 3084 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B5SW (S)	942	3	475800 249900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Substantiated Pollution Incident Register** Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 18th September 2009 Incident Reference: 717364 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	B13SW (NW)	435	3	475674 251253
	Water Abstractions Operator: Pianoforte Supplies Ltd Licence Number: 6/33/04/*G/0010 Permit Version: 100 Location: Borehole Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6NW (SE)	1237	3	476400 250300
	Water Abstractions Operator: B & M Sunley Ltd Licence Number: 6/33/04/*G/0050 Permit Version: 100 Location: Borehole At Ashton 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: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B6SW (SE)	1629	3	476550 249765
	Water Abstractions Operator: B & M Sunley Ltd Licence Number: 6/33/04/*G/0050 Permit Version: 100 Location: Spring At Rectory Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Great Oolite; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B1SW (S)	1698	3	475800 249000
11	**Water Industry Act Referrals** Name: Pianoforte Supplies Ltd Location: PIANOFORTE SUPPLIES LTD, SIMPLEX WORKS, ROADE, NORTHAMPTON, NORTHAMPTONSHIRE, NN7 2LG Authority: Environment Agency, Anglian Region Permit Reference: AE4423 Dated: 26th February 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations **Status: Authorisation either revoked or cancelledCancelled** Positional Accuracy: Manually positioned to the address or location	B13NW (NW)	585	3	475686 251455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Water Industry Act Referrals** Name: Pianoforte Supplies Ltd Location: PIANOFORTE SUPPLIES LTD, SIMPLEX WORKS, ROADE, NORTHAMPTON, NORTHAMPTONSHIRE, NN7 2LG Authority: Environment Agency, Anglian Region Permit Reference: BZ6473 Dated: 14th September 2005 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Automatically positioned to the address	B13NW (N)	617	3	475726 251463
11	**Water Industry Act Referrals** Name: Pianoforte Supplies (Manufacturing) Ltd Location: PIANOFORTE SUPPLIES (MANUFACTURING) LTD, SIMPLEX WORKS, ROADE, NORTHAMPTON, NORTHAMPTONSHIRE, NN7 2LG Authority: Environment Agency, Anglian Region Permit Reference: Bk7153 Dated: 22nd February 2001 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations **Status: Application has been authorised and any conditions apply to the operatorAuthorised** Positional Accuracy: Automatically positioned to the address	B13NW (N)	617	3	475726 251463
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	B14NW (NE)	0	3	476501 251388
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	B9NW (W)	0	3	475863 250862
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	B9NW (SW)	0	3	475942 250844
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	(N)	0	3	475496 252377
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	(SW)	0	3	475418 250335
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(W)	0	2	475000 250844
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	B9NE (NE)	0	2	476006 250914
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	B9NW (NE)	0	2	475984 250881
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B9NW (W)	0	2	475814 250869
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	475000 250844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	2	475440 251468
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	475046 250928
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B13NE (N)	0	2	476147 251599
	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				
12	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	B9NW (NW)	293	3	475785 250916
13	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	(SW)	408	3	475620 250506
14	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	B13SW (NW)	432	3	475778 251123
15	**Detailed River Network Lines** River Type: Secondary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	B13SW (NW)	432	3	475705 251203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	(NW)	444	3	475661 251285
17	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	B9NW (W)	459	3	475778 250891
18	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	B9NW (NW)	465	3	475785 250916
19	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	B13SW (NW)	472	3	475807 251045
20	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	B13SW (NW)	472	3	475778 251123
21	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Other Rivers Management Status: Water Course Name: Not Supplied Water Course Reference: Not Supplied	B13NW (N)	478	3	475715 251648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	B9NW (NW)	480	3	475805 250984
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**BGS Recorded Landfill Sites** Site Name: Suppliers Tip Location: Ashing Road, NORTHAMPTON, Northumberland Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	B13NW (N)	681	-	475905 251451
24	**Historical Landfill Sites** Licence Holder: Pianoforte Supplies Location: Roade Name: Simplex works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD02283 First Input Date: 1st September 1977 Last Input Date: 31st December 1980 Specified Waste Type: Deposited Waste included Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1331 Other Ref: S/76/001, 2800/5418	B13NW (N)	680	3	475896 251450
25	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Pianoforte Supplies - Old Quarry Licence Number: 70645 Location: Old Quarry, Stratford Road, Roade, Northants, NN7 2NJ Licence Holder: Pianoforte Supplies Ltd Authority: Environment Agency - Anglian Region, Central Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied **Licence Status: Issued** Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	B9NW (NW)	0	3	475833 250997
	Local Authority Landfill Coverage Name: South Northamptonshire District Council - Has supplied landfill data		0	4	475942 250844
	Local Authority Landfill Coverage Name: Northamptonshire County Council - Has supplied landfill data		0	6	475942 250844
26	**Local Authority Recorded Landfill Sites** Location: Pianoforte Supplies Limited, Old Quarry, Aston Road, Roade Reference: S13 Authority: South Northamptonshire Council, Environmental Health Department **Last Reported Status: Closed** Types of Waste: Inert, Restricted, Industrial Effluent Treatment Sludge Date of Closure: 31/01/1983 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	B13SW (NW)	39	4	475685 251026
27	**Local Authority Recorded Landfill Sites** Location: Pianoforte Supplies Limited, Simplex Works, Roade Reference: S1 Authority: South Northamptonshire Council, Environmental Health Department **Last Reported Status: Closed** Types of Waste: Filter Press Solids, Oils Date of Closure: 31/12/1980 Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	B13NW (N)	675	4	475906 251451
28	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	B13SW (N)	565	-	475866 251283
29	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	B13SE (N)	800	-	476072 251275
30	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	B13SE (NE)	970	-	476312 251113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/013 Site Location: Old Quarry At Stratford Road, Roade, Northampton, Northamptonshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Operational as far as is knownOperational Dated: 1st August 1996 Preceded By Licence: S/013 Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Industrial Effluent Treatment Sludge Max.Waste Permitted By Licence Sub/Topsoil, Clay, Sand Prohibited Waste: Waste N.O.S.	B9NW (NW)	0	3	475830 250994
32	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/013 Site Location: Old Quarry At Stratford Road, Roade, Northampton, Northamptonshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Authority: Environment Agency - Anglian Region, Central Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Record supersededSuperseded Dated: 2nd November 1979 Preceded By Licence: Not Given Superseded By Licence: S/013 Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Ind.Eff.Tr'T Sludge (May Be Special) Max.Waste Permitted By Licence Northants Cat. A1 -Solid Inert (Soils) Prohibited Waste: Waste N.O.S.	B13SW (NW)	0	3	475684 251025
33	**Registered Landfill Sites** Licence Holder: Pianoforte Supplies Ltd Licence Reference: S/001 Site Location: Adj. Simplex Works, Ashton Road, Roade, Northampton, Northamptonshire, Nn7 2lg Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: As Site Address Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Only waste produced on site Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 20th September 1977 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Aluminium Hydroxide - As Dewatered Filter-Press Solids Calcium Sulphate - As Dewatered Filter-Press Solids Ex Degreasing Plant Phosphates - As Dewatered Filter-Press Solids	B13NW (N)	680	3	475903 251450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	B9NW (SW)	0	2	475942 250844
	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	B9NW (W)	0	2	475814 250869
	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	B13NE (N)	0	2	476147 251599
	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	B9NW (NE)	0	2	475984 250881
	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	(W)	0	2	475650 250941
	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	B9NW (W)	265	2	475754 250820
	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	B9NE (NE)	350	2	476006 250914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B9NW (SW)	545	2	475942 250844
	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	B5NW (S)	571	2	475723 250000
	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	B5NW (S)	817	2	475758 250000
	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	B5NW (S)	826	2	475914 250174
	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	B9NE (E)	827	2	476132 250806
	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	B5NW (S)	905	2	475987 250000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B5NW (S)	946	2	475942 250000
34	**BGS Recorded Mineral Sites** Site Name: Roade Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 37761 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B13NW (N)	781	2	475940 251475
35	**BGS Recorded Mineral Sites** Site Name: Roade Location: , Roade, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 37759 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B13SE (N)	826	2	476095 251290
	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	B9NW (SW)	0	2	475942 250844
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (SW)	0	2	475942 250844
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (NE)	0	2	475984 250881
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(W)	0	2	475650 250941
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	0	2	475814 250869
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	147	2	475790 250869
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	247	2	476147 251599

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (SW)	0	2	475942 250844
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13NE (N)	0	2	476147 251599
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (SW)	0	2	475942 250844
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9NW (NE)	0	2	475984 250881
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (W)	0	2	475814 250869
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(W)	0	2	475650 250941
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	B9NW (SW)	0	2	475942 250844
	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	B9NW (SW)	0	2	475942 250844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Contemporary Trade Directory Entries** Name: Pianoforte Supplies Ltd Location: Ashton Road, Roade, Northampton, NN7 2LG Classification: Car Component Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B13NW (N)	617	-	475726 251463
37	**Contemporary Trade Directory Entries** Name: Panelrama Location: The Briary, Ashton Road, Roade, Northampton, NN7 2LQ Classification: Classic Car Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B9NW (NE)	663	-	475977 250866
38	**Contemporary Trade Directory Entries** Name: Pro-Tec Electrical Consultants Location: 14, Hartwell Road, Roade, Northampton, NN7 2NT Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	B13NW (N)	821	-	475960 251639
39	**Points of Interest - Commercial Services** Name: Panelrama Location: The Briary, Ashton Road, Roade, Northampton, NN7 2LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B9NW (NE)	663	7	475977 250866
39	**Points of Interest - Commercial Services** Name: Panelrama Classic Car Specialists Location: The Briary, Ashton Road, Roade, Northampton, NN7 2LQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B9NW (NE)	663	7	475977 250866
40	**Points of Interest - Manufacturing and Production** Name: Works Location: NN7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13SW (N)	546	7	475761 251322
40	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13SW (N)	559	7	475775 251325
41	**Points of Interest - Manufacturing and Production** Name: Tanks Location: NN7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B13SW (N)	589	7	475852 251255
42	**Points of Interest - Manufacturing and Production** Name: Works Location: NN7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NW (N)	596	7	475709 251450
42	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NW (N)	604	7	475720 251452
43	**Points of Interest - Manufacturing and Production** Name: Works Location: NN7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NW (N)	699	7	475913 251370
43	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NW (N)	711	7	475926 251373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	**Points of Interest - Manufacturing and Production** Name: Works Location: NN7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B9NE (E)	869	7	476176 250813
45	**Points of Interest - Public Infrastructure** Name: Sewage Works (Disused) Location: NN7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	B9NE (E)	901	7	476199 250770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(N)	0	9	475558 252297
47	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	B9NW (SW)	0	9	475942 250844
48	**Sites of Special Scientific Interest** Name: Roade Cutting Multiple Areas: N Total Area (m2): 151713.42 Source: Natural England Reference: 1002811 Designation Details: Geological Conservation Review Designation Date: 1st September 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st September 1986 Date Type: Notified	(NW)	0	8	475380 251766

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Northamptonshire Council - Environment Division	August 2013	Annual Rolling Update
Milton Keynes Council - Environmental Health Division	October 2015	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2016	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Milton Keynes Council - Environmental Health Department	June 2016	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Milton Keynes Council - Environmental Health Department	June 2016	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Milton Keynes Council - Environmental Health Department	June 2016	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Central Area	April 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2016	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	April 2016	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	April 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2016	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	May 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	May 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2016	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Local Authority Landfill Coverage		
Milton Keynes Council - Planning and Transport Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Milton Keynes Council - Planning and Transport Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Milton Keynes Council - Planning and Transport Department	February 2016	Annual Rolling Update
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	November 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
Milton Keynes Council - Planning and Transport Department	February 2016	Annual Rolling Update
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	May 2013	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**South Northamptonshire Council - Environmental Health Department** Springfields, Towcester, Northamptonshire, NN12 6AE	Telephone: 0845 2300226 Fax: 01327 359219 Website: www.southnorthants.gov.uk
5	**Northampton Borough Council - Environmental Health Department** Cliftonville House, Bedford Road, Northampton, Northamptonshire, NN4 7NR	Telephone: 0300 330 7000 Website: www.northampton.gov.uk
6	**Northamptonshire County Council** County Hall, Northampton, Northamptonshire, NN1 1DN	Telephone: 0300 126 1000 Website: www.northamptonshire.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
10	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	ODT	Oadby Member	Diamicton	Anglian - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	CB	Cornbrash Formation	Limestone	Callovian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
		Faults		

Envirocheck® Geology

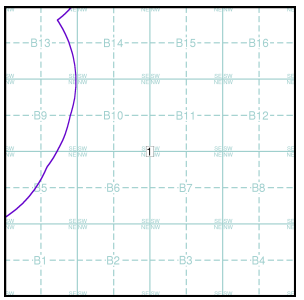
Geology 1:50,000 Maps

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

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**202**
Map Name:	**Towcester**
Map Date:	**1969**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice B



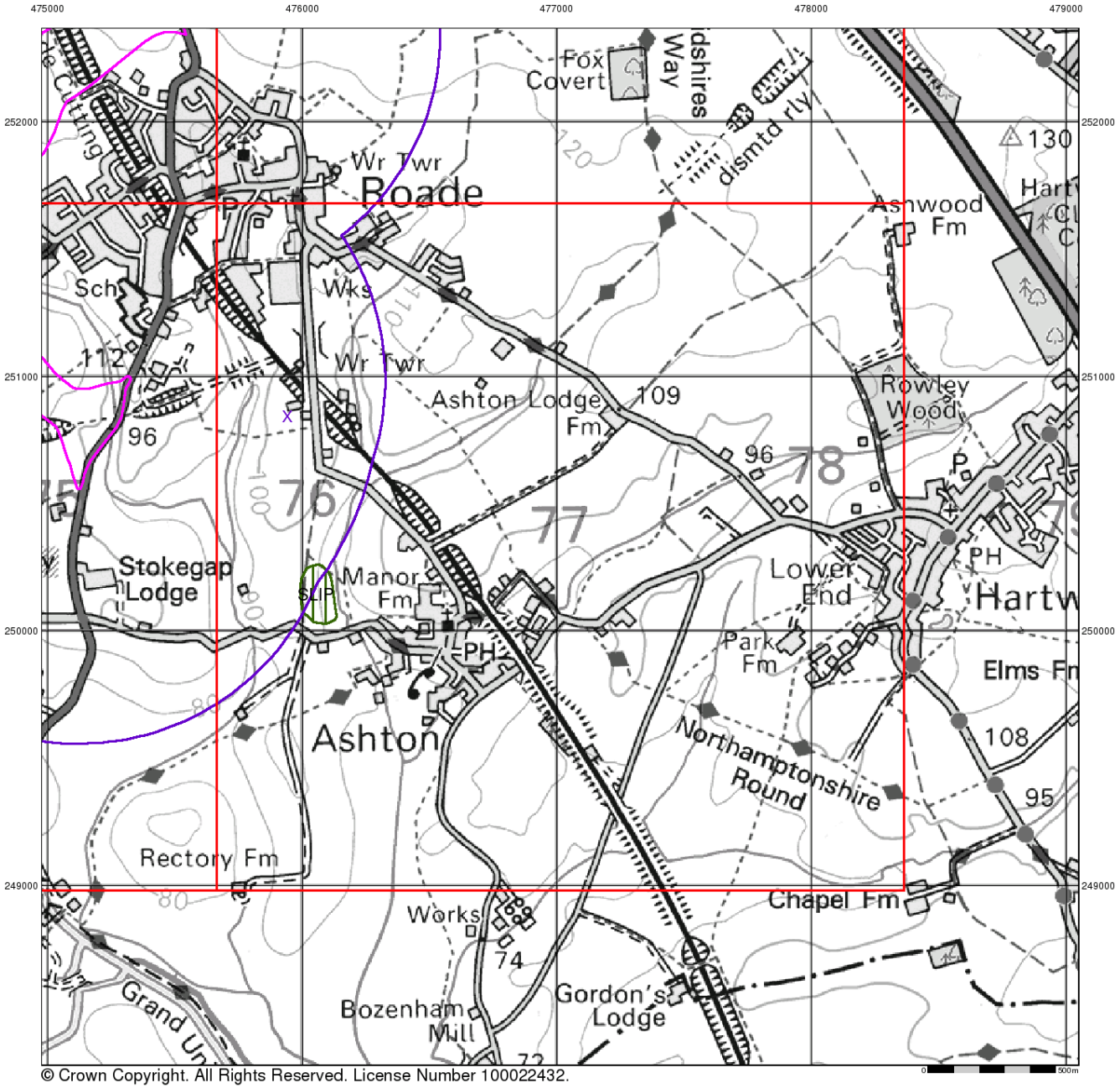
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Envirocheck® Geology

Artificial Ground and Landslip

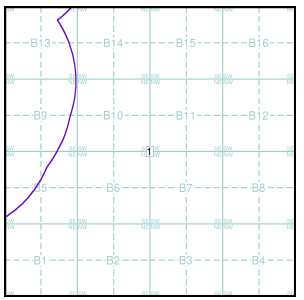
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice B



Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Envirocheck® Geology

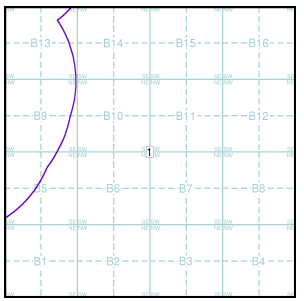
Superficial Geology

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

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

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

Superficial Geology Map - Slice B



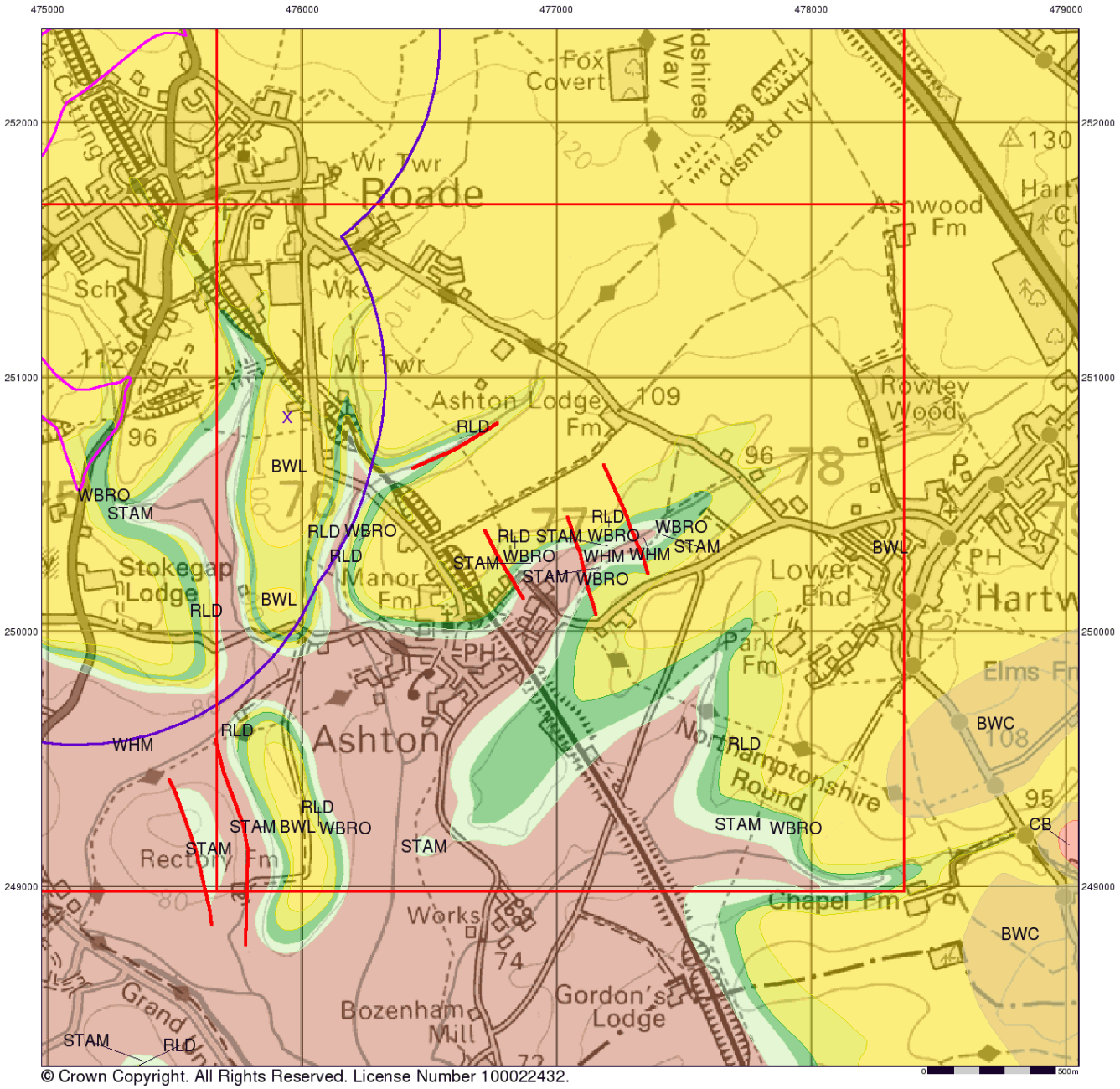
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Customer Reference:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

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Envirocheck® Geology

Bedrock and Faults

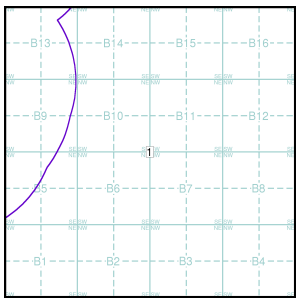
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice B



Order Details:

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Envirocheck® Geology

Combined Surface Geology

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

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

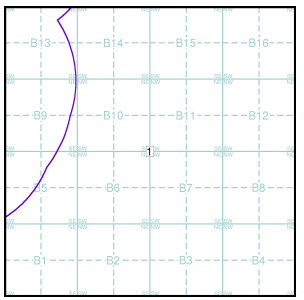
Additional Information

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

Contact

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

Combined Geology Map - Slice B



Order Details:

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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

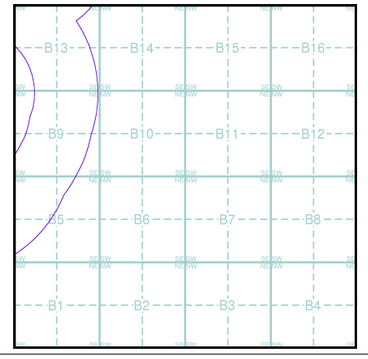
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Northamptonshire	1:10,560	1884	2
Buckinghamshire	1:10,560	1885	3
Buckinghamshire	1:10,560	1900	4
Northamptonshire	1:10,560	1900	5
Northamptonshire	1:10,560	1900	6
Buckinghamshire	1:10,560	1952	7
Northamptonshire	1:10,560	1952	8
Ordnance Survey Plan	1:10,000	1958	9
Ordnance Survey Plan	1:10,000	1966 - 1968	10
Ordnance Survey Plan	1:10,000	1970	11
Ordnance Survey Plan	1:10,000	1982 - 1986	12
10K Raster Mapping	1:10,000	1999	13
Historical Aerial Photography	1:10,000	2000	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2016	16

Historical Map - Slice B



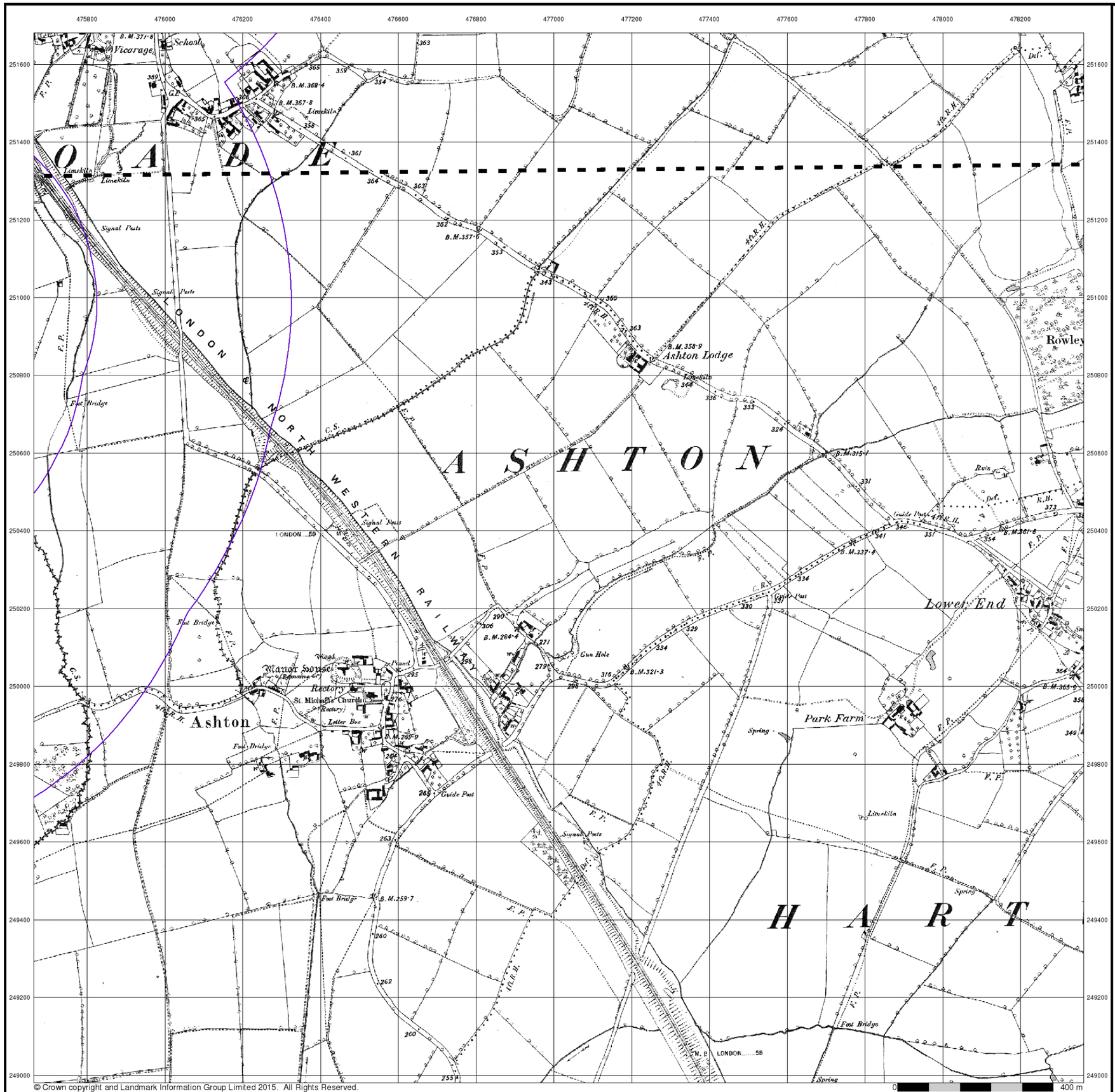
Order Details

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Slice: B
Site Area (Ha): 72.92
Search Buffer (m): 1000

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Northamptonshire

Published 1884

Source map scale - 1:10,560

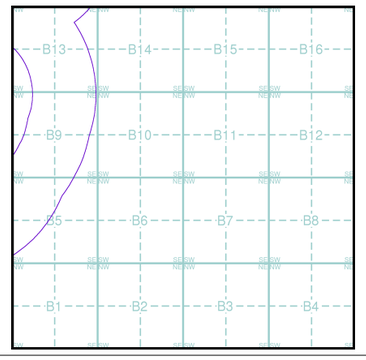
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

052SW
1884
1:10,560

057NW
1884
1:10,560

Historical Map - Slice B



Order Details

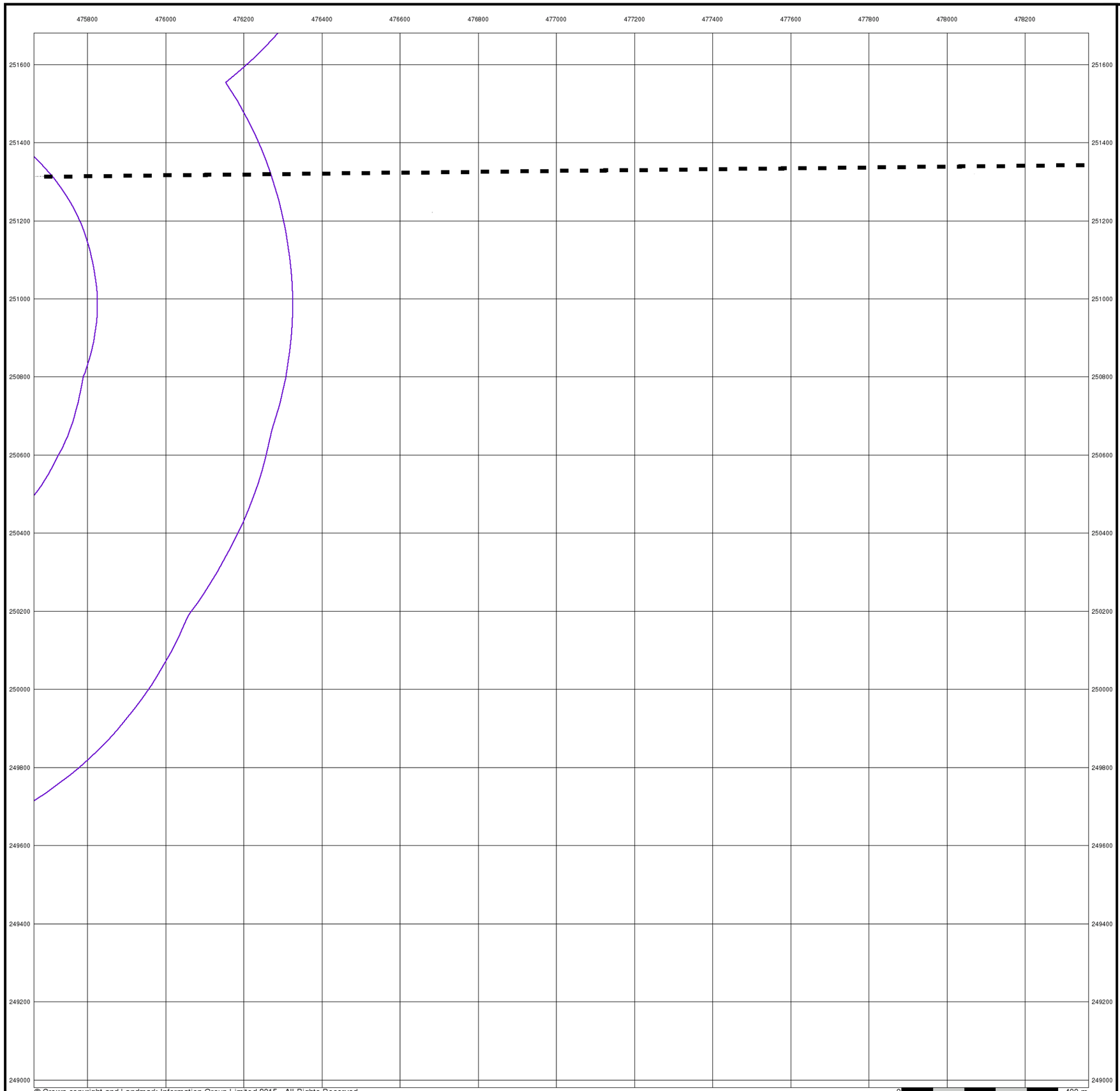
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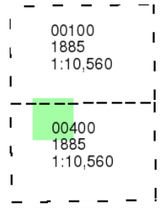
Buckinghamshire

Published 1885

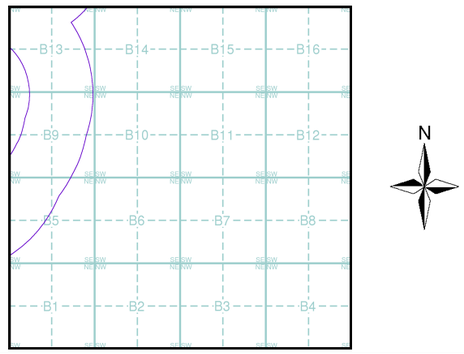
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

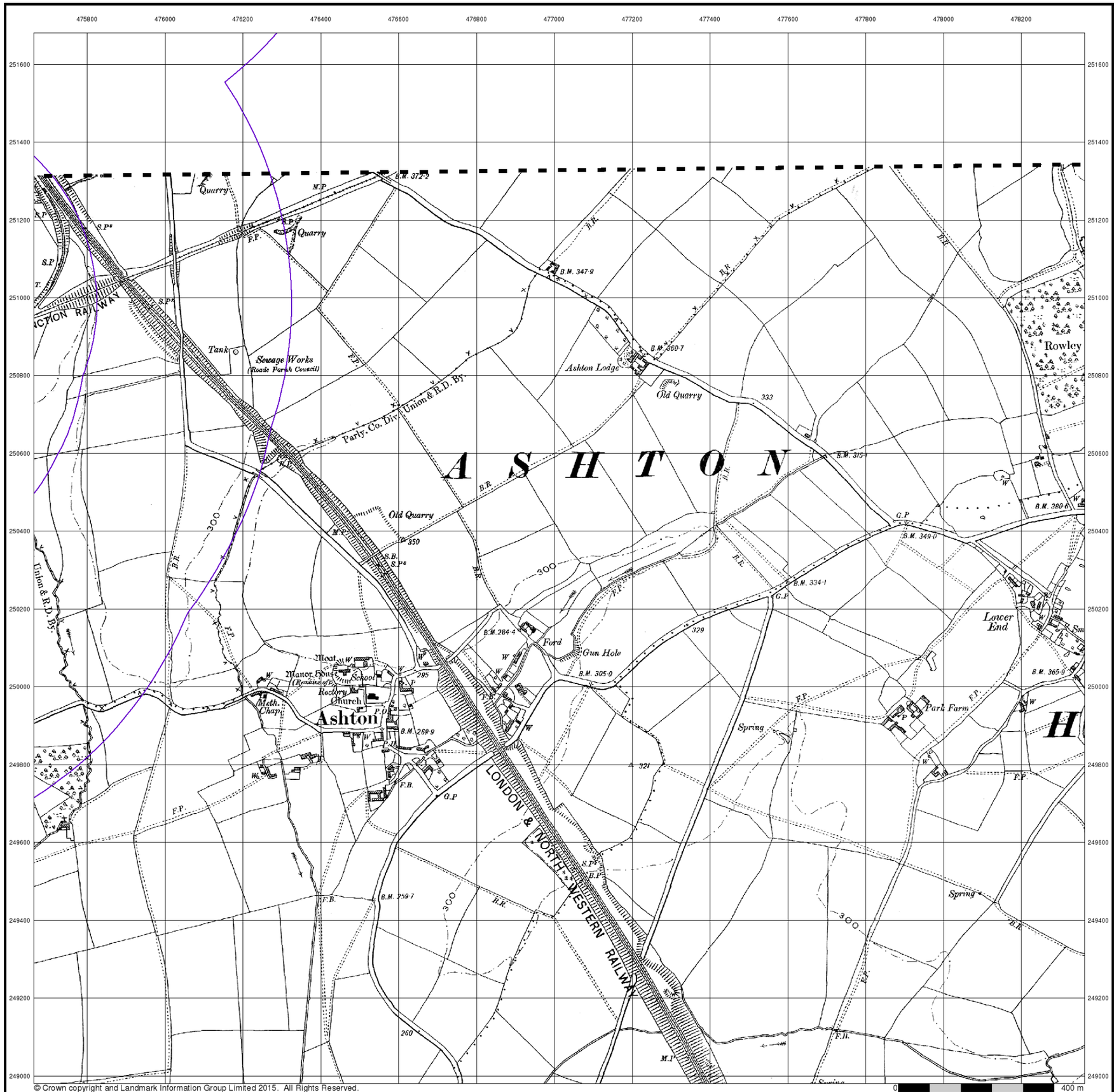
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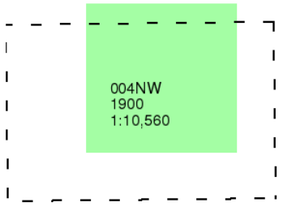
Buckinghamshire

Published 1900

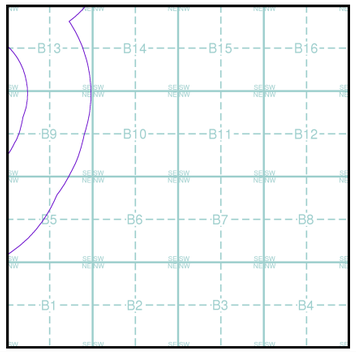
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Map Name(s) and Date(s)



Historical Map - Slice B



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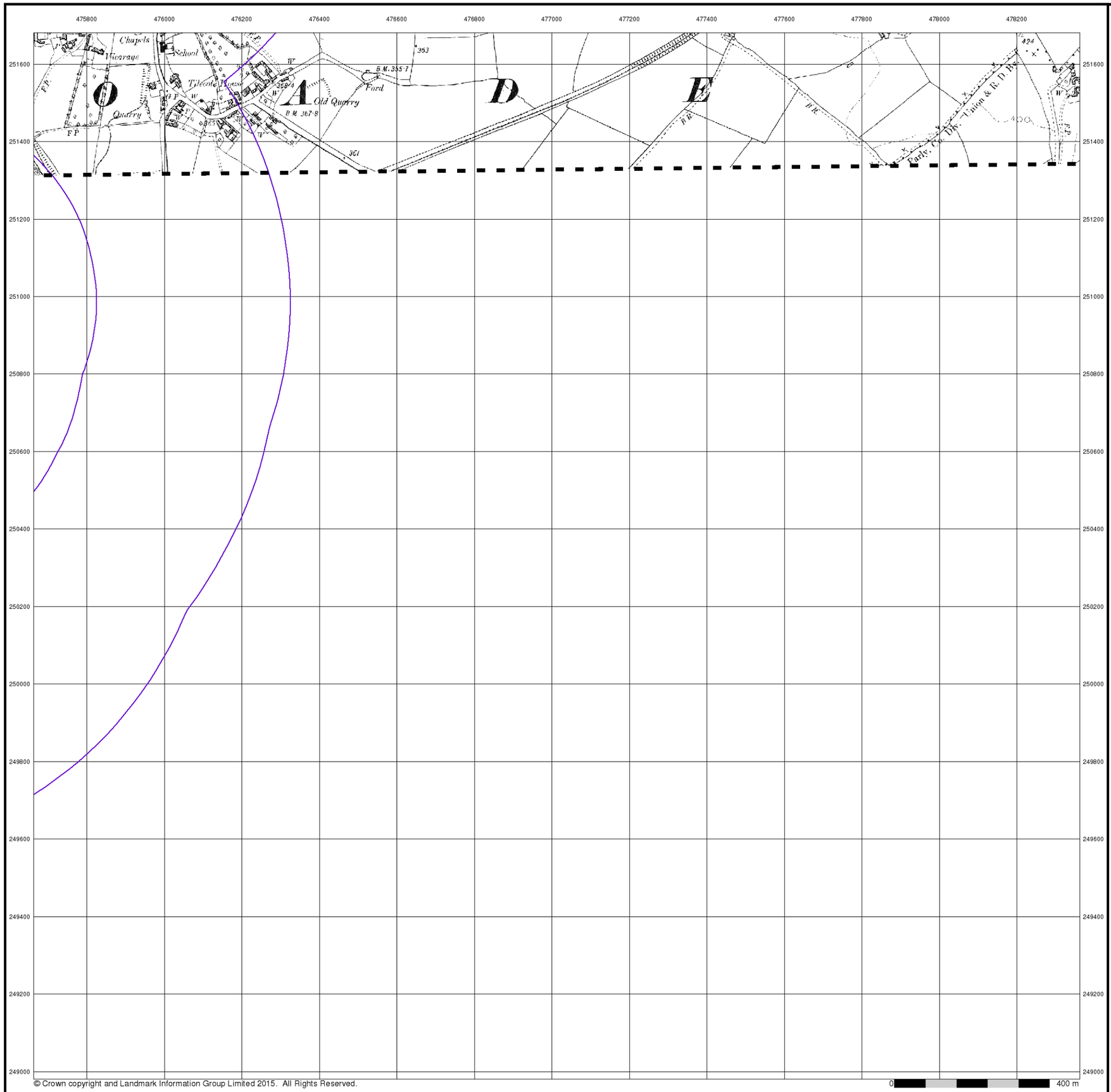
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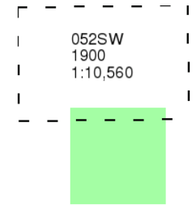
Northamptonshire

Published 1900

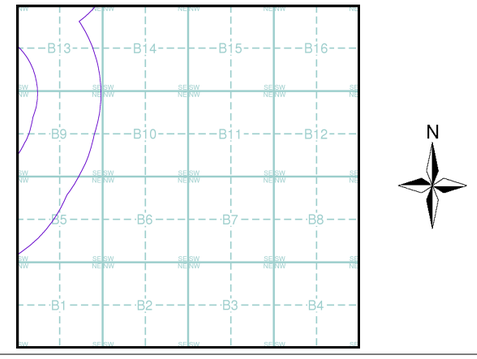
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Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

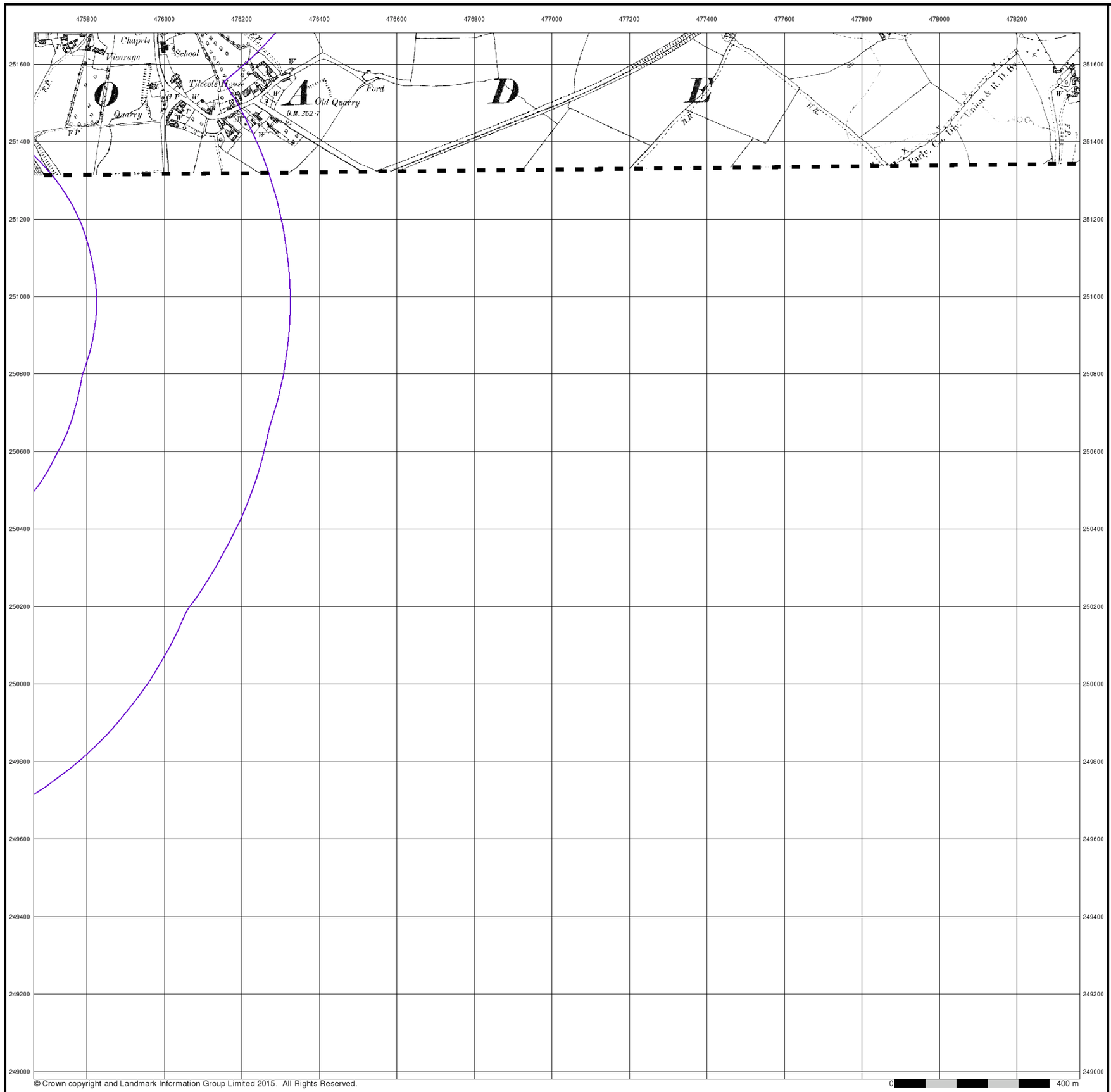
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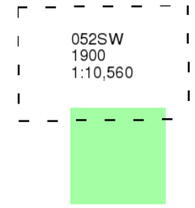
Northamptonshire

Published 1900

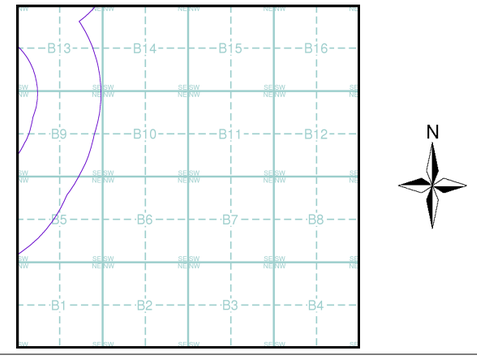
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Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

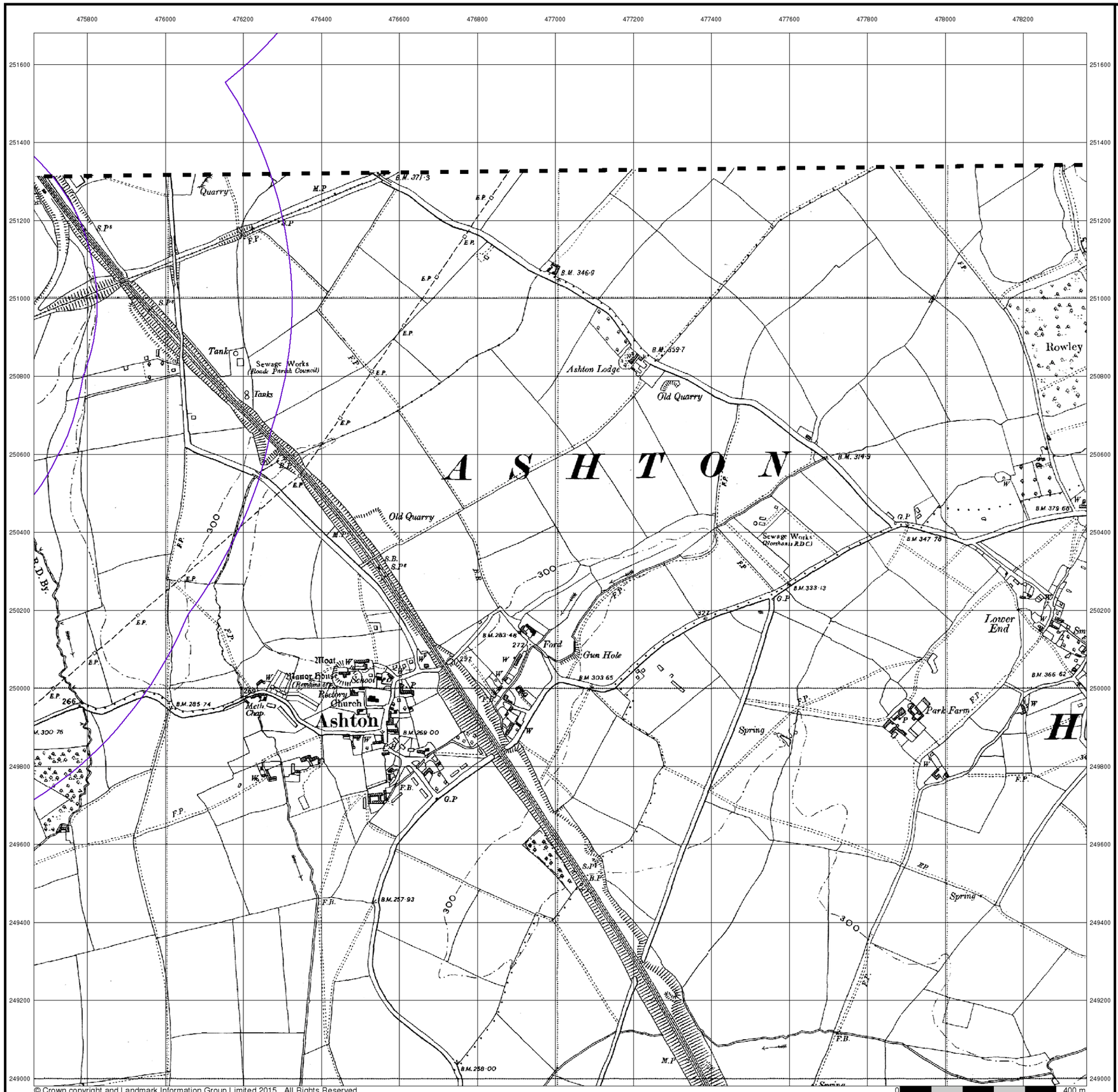
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Buckinghamshire

Published 1952

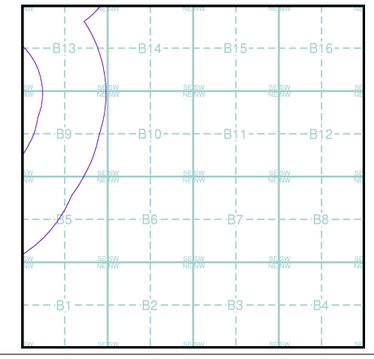
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)

004NW
1952
1:10,560

Historical Map - Slice B



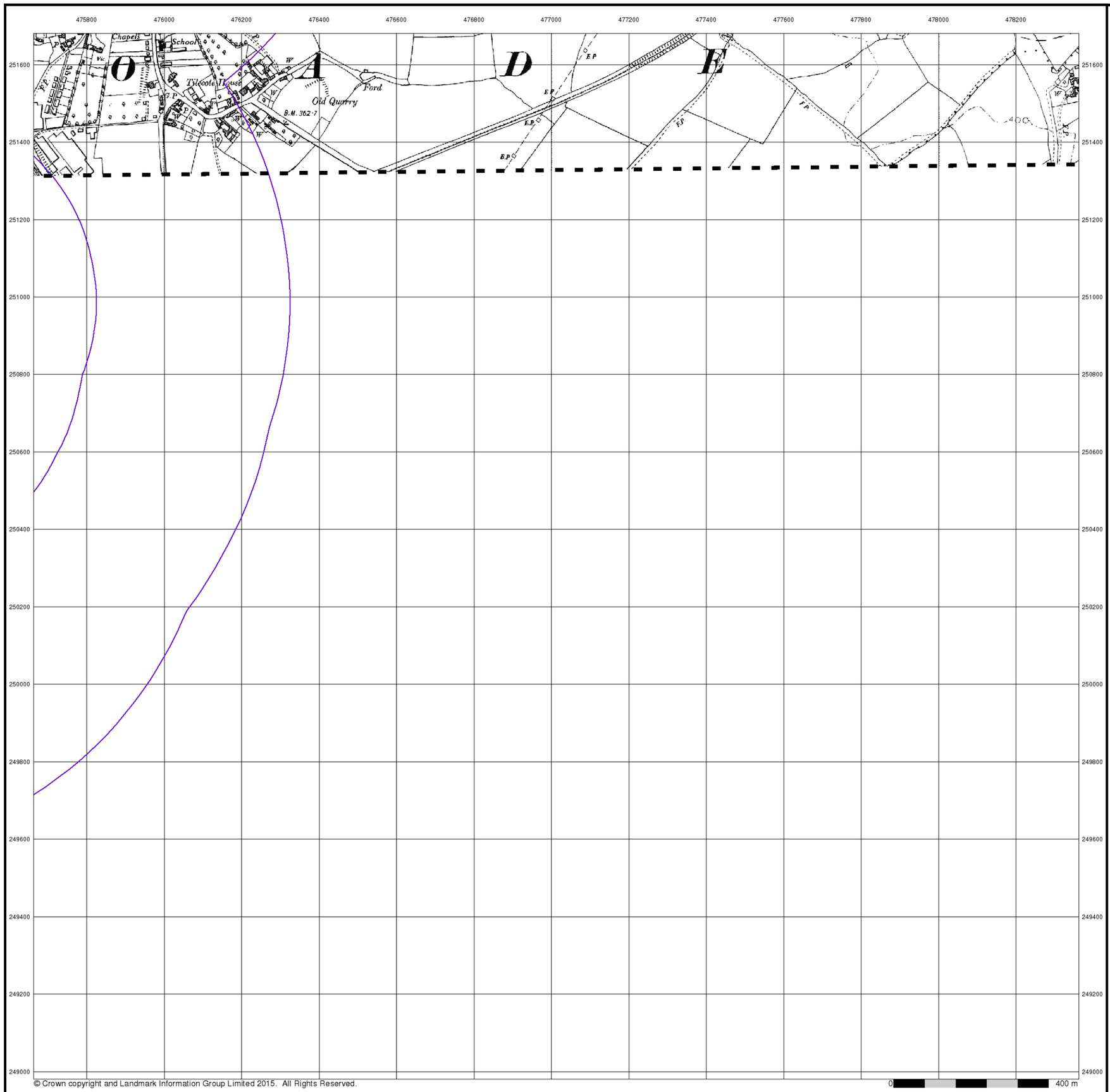
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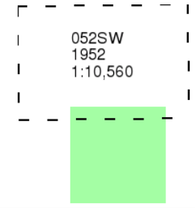
Northamptonshire

Published 1952

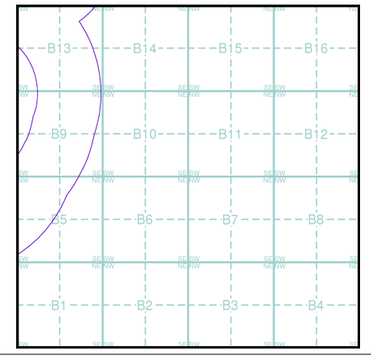
Source map scale - 1:10,560

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

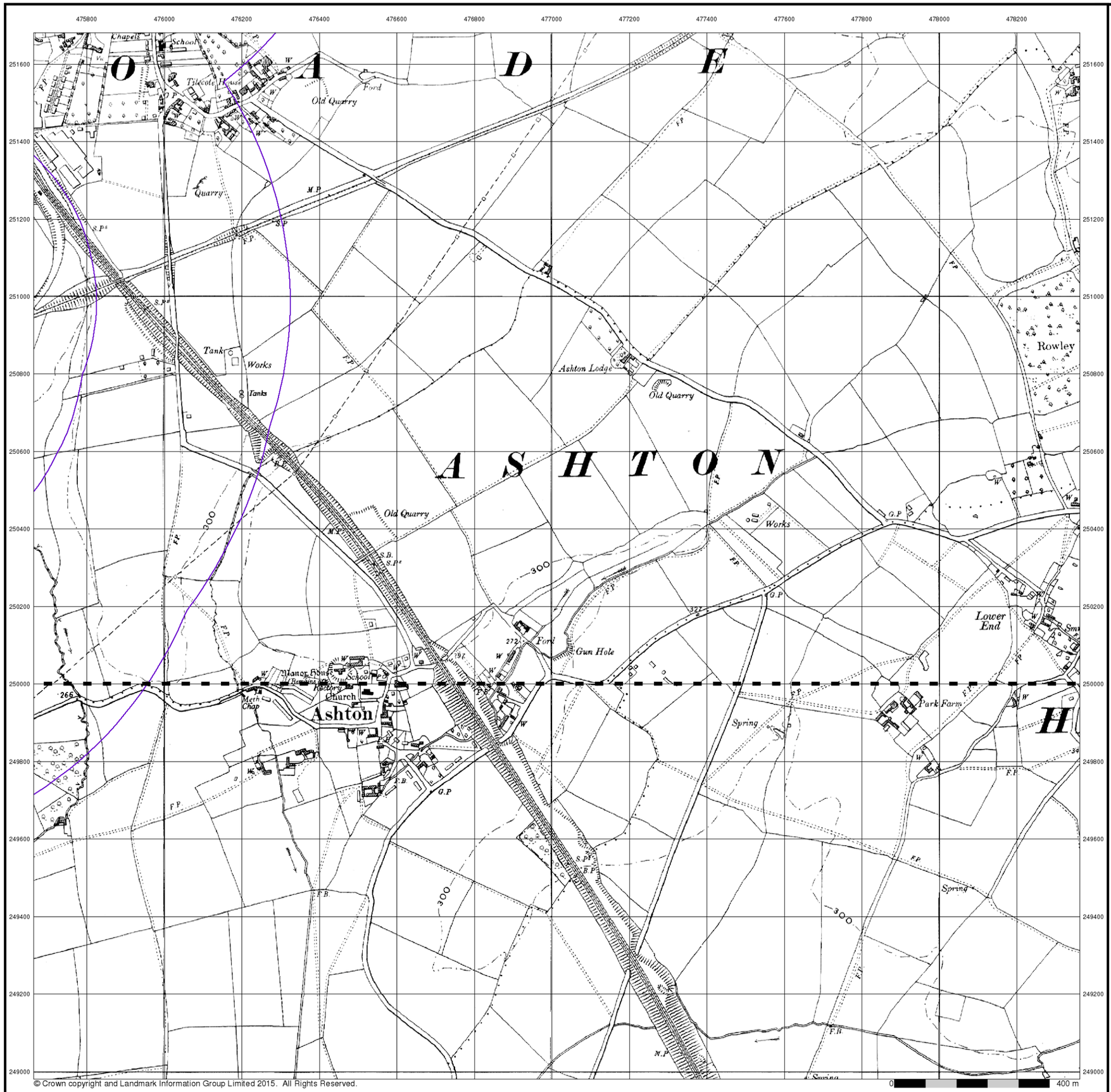
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Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Ordnance Survey Plan

Published 1958

Source map scale - 1:10,000

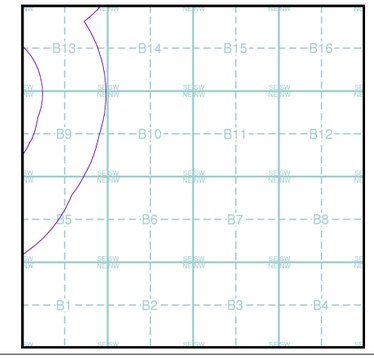
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

SP75SE
1958
1:10,560

SP74NE
1958
1:10,560

Historical Map - Slice B



Order Details

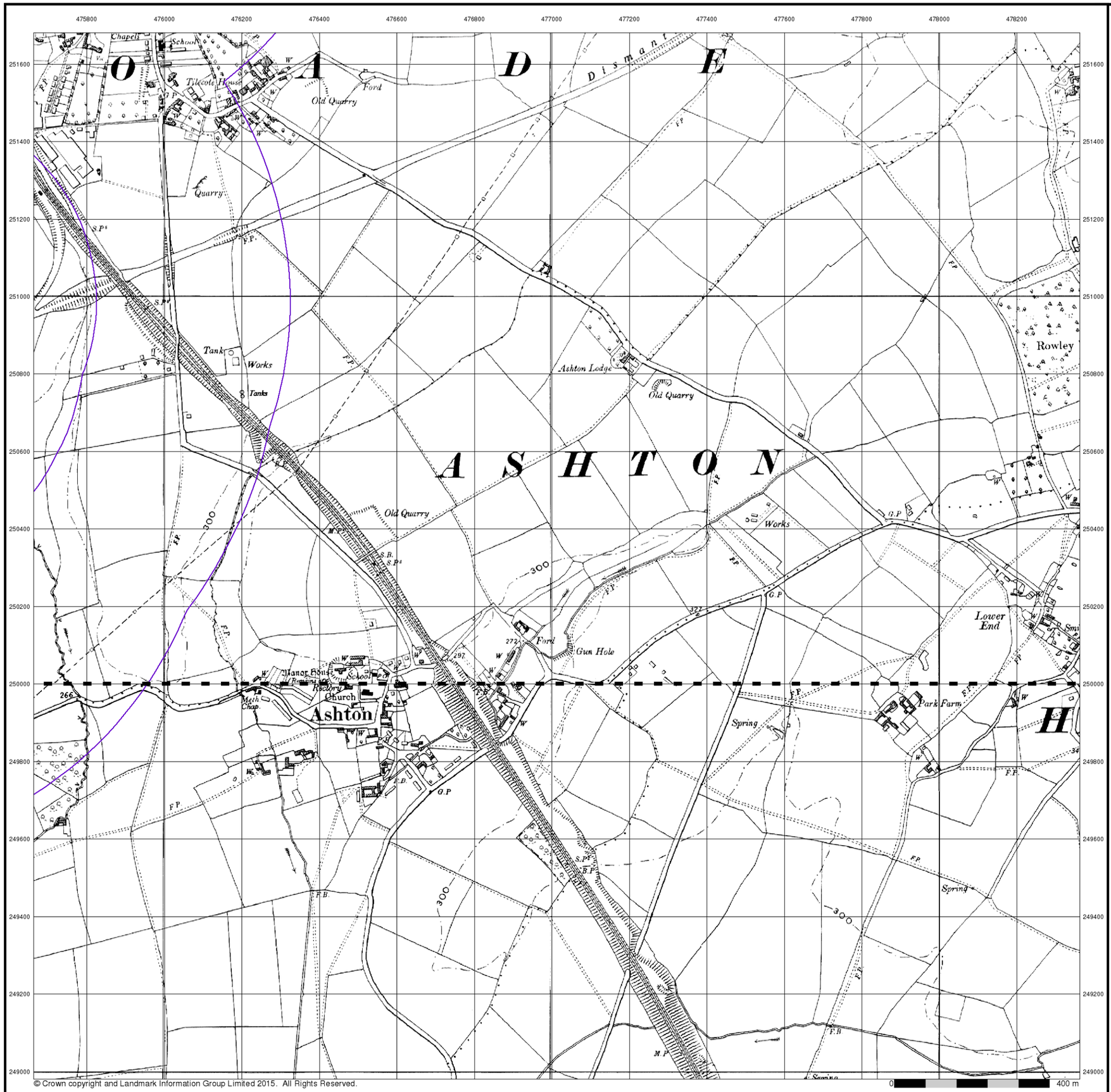
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1966 - 1968

Source map scale - 1:10,000

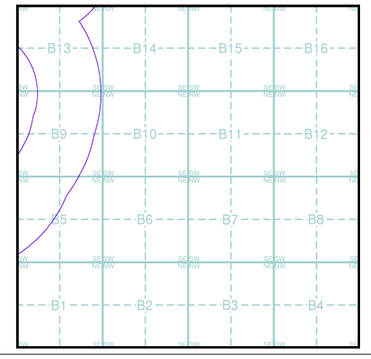
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SP75SE
1968
1:10,560

SP74NE
1966
1:10,560

Historical Map - Slice B



Order Details

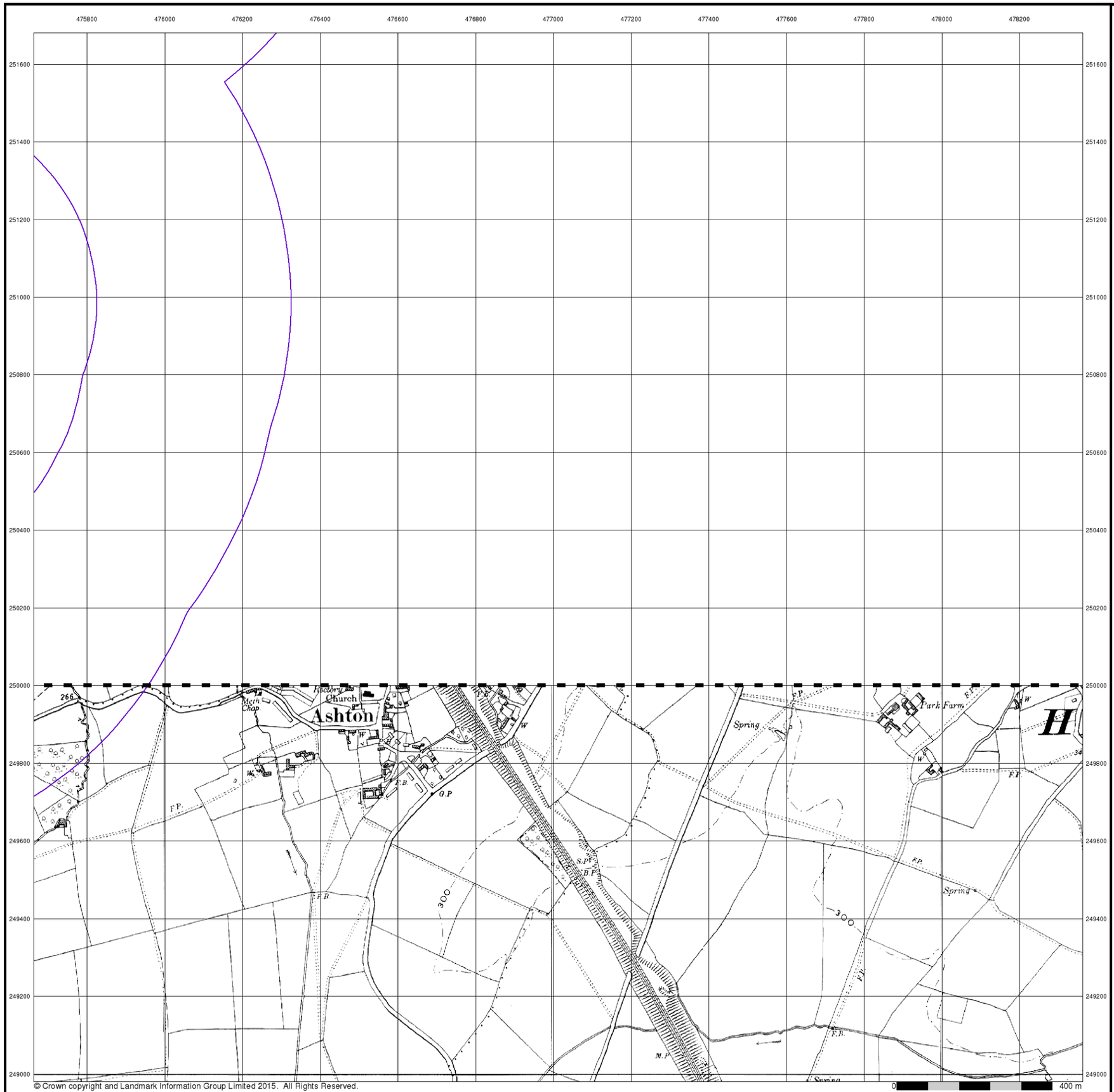
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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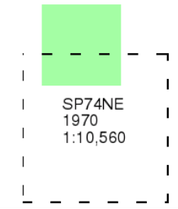
Ordnance Survey Plan

Published 1970

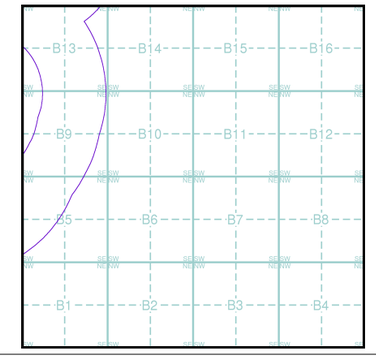
Source map scale - 1:10,000

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

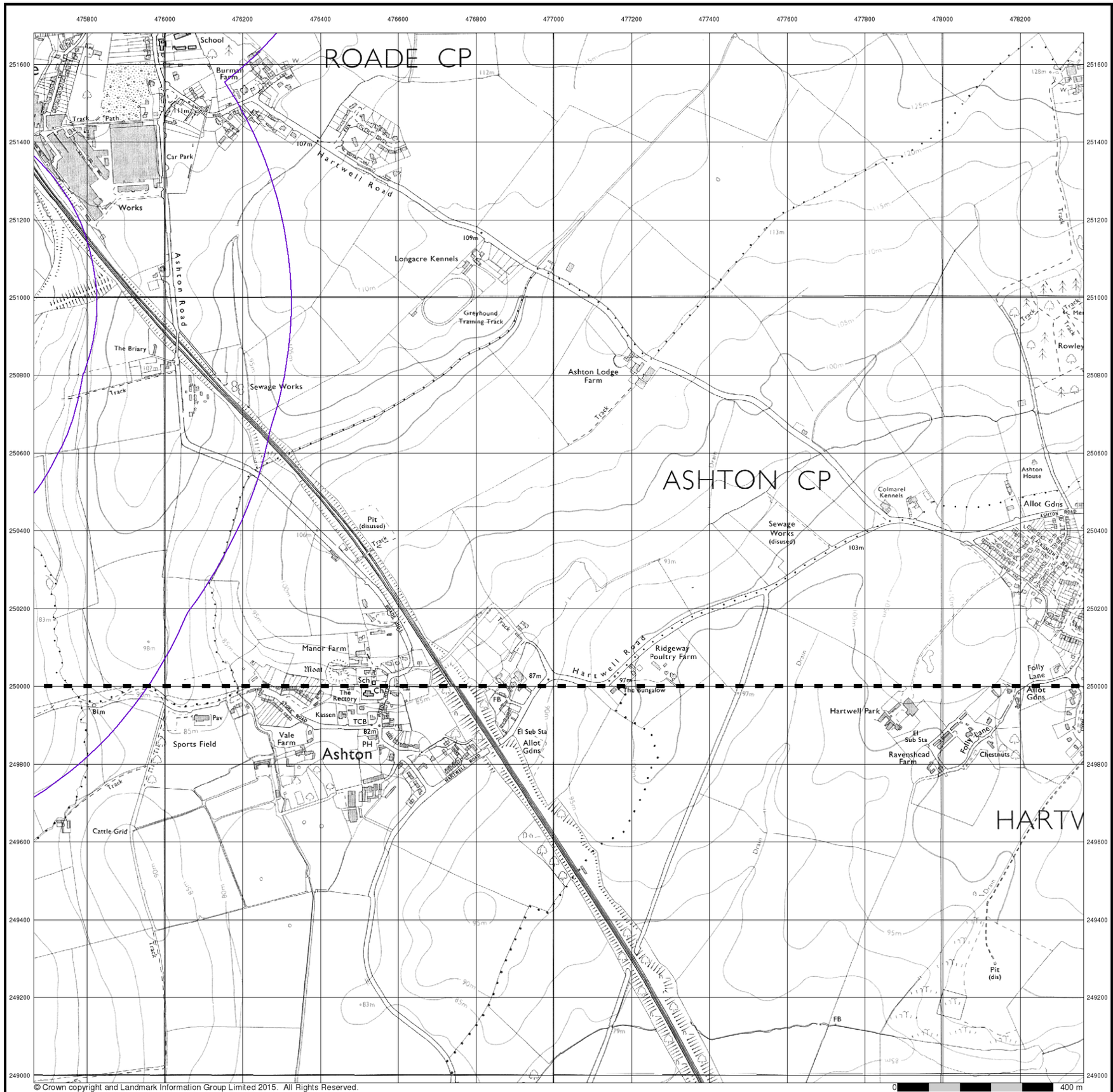
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1982 - 1986

Source map scale - 1:10,000

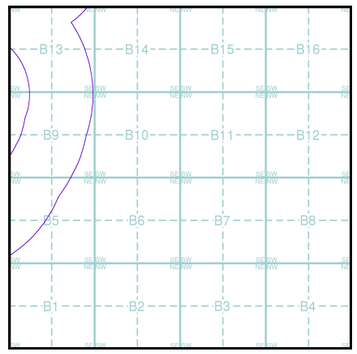
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SP75SE
1982
1:10,000

SP74NE
1986
1:10,000

Historical Map - Slice B



Order Details

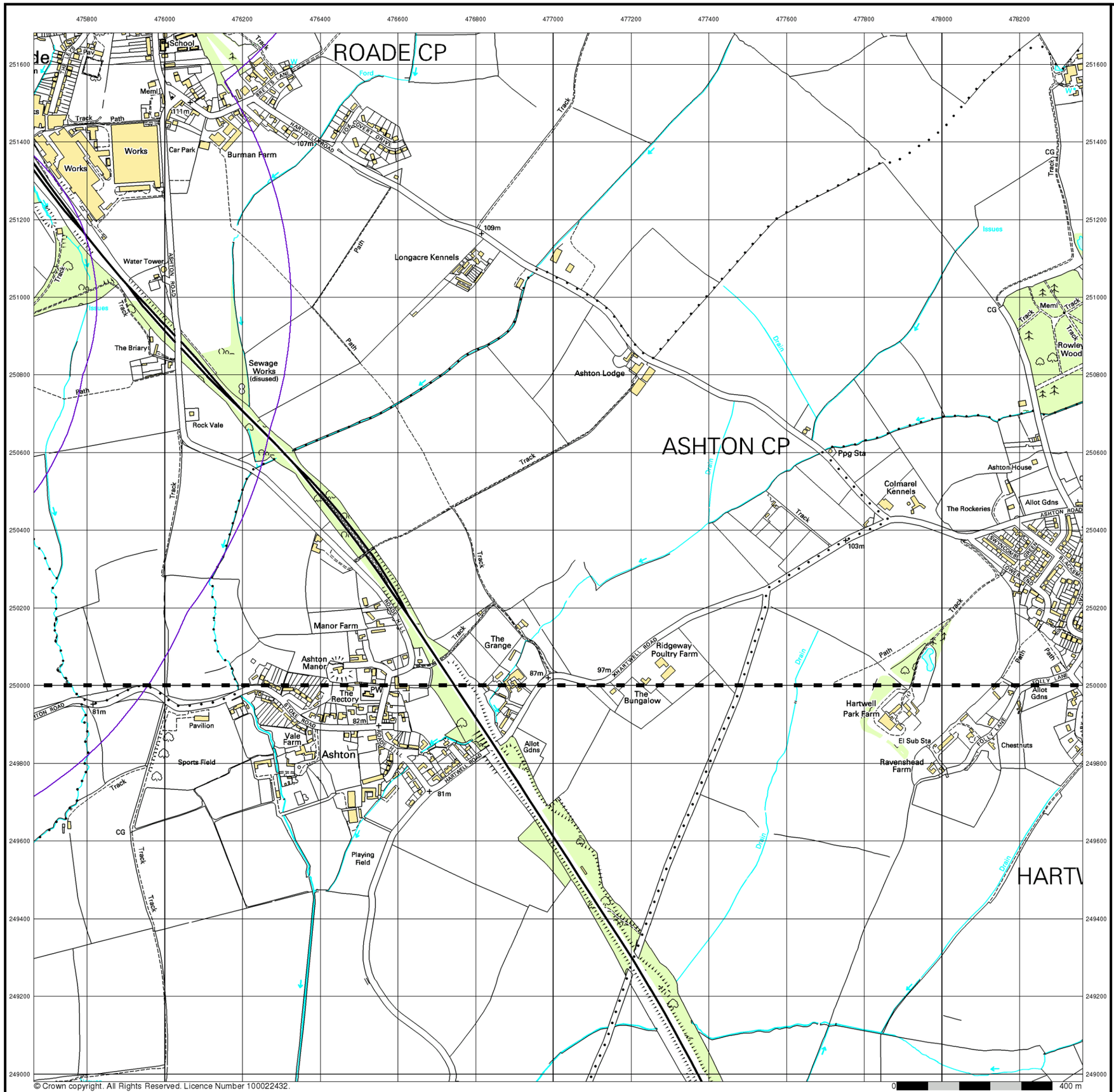
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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10k Raster Mapping

Published 1999

Source map scale - 1:10,000

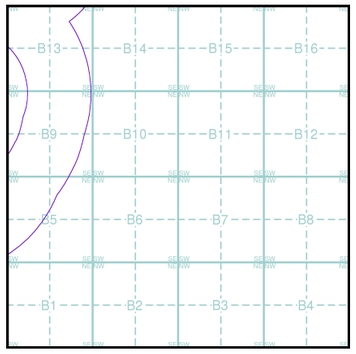
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

SP75SE 1999 1:10,000

SP74NE 1999 1:10,000

Historical Map - Slice B



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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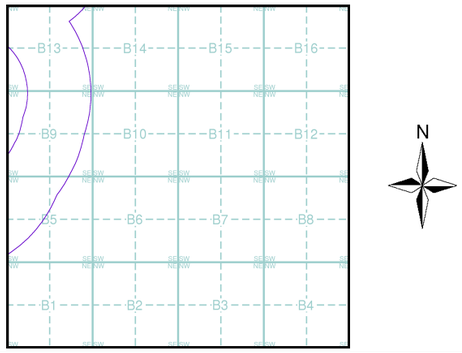
Envirocheck®

Historical Aerial Photography

Published 2000

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 - Slice B



Order Details

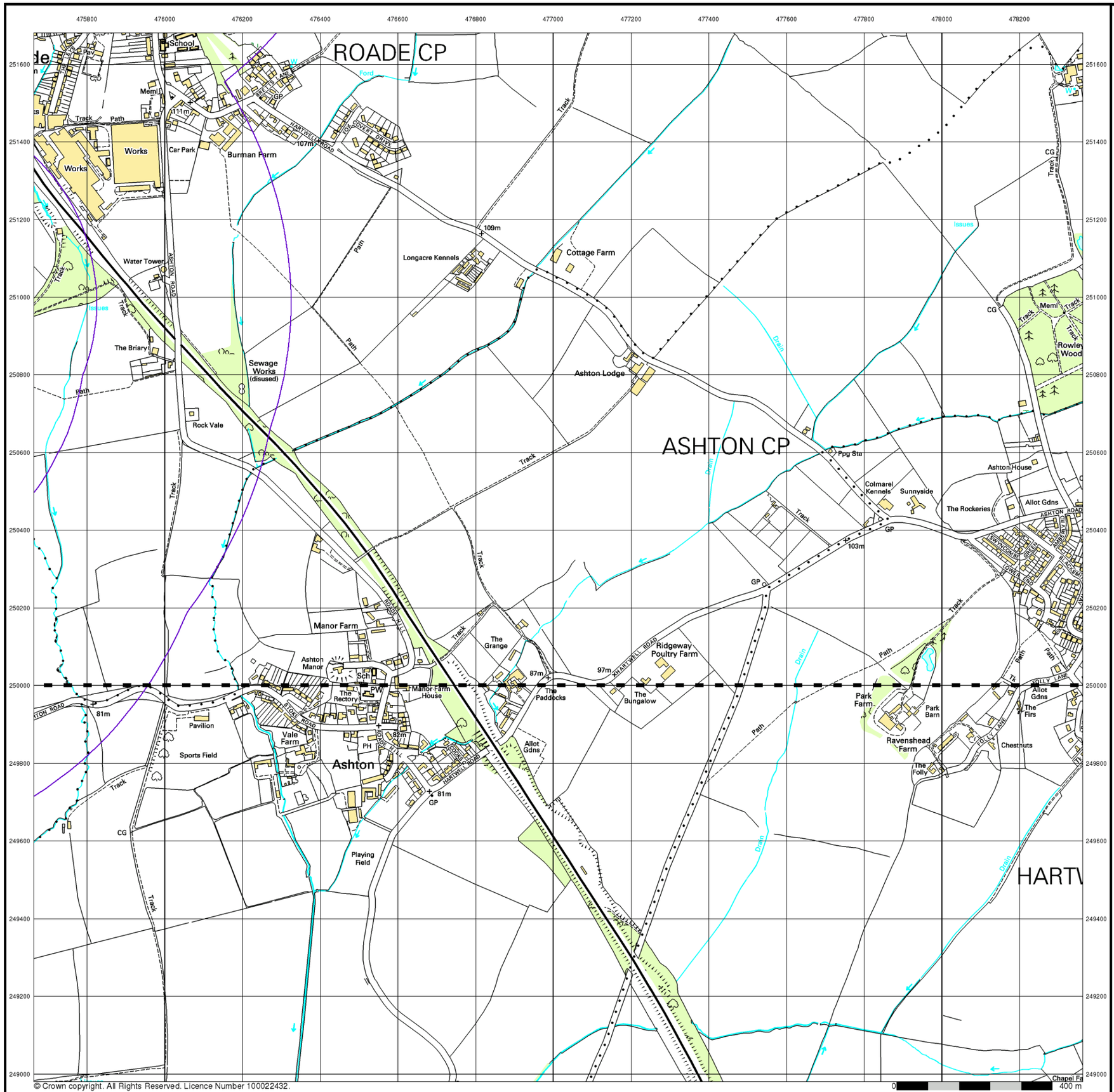
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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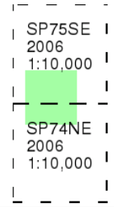
10k Raster Mapping

Published 2006

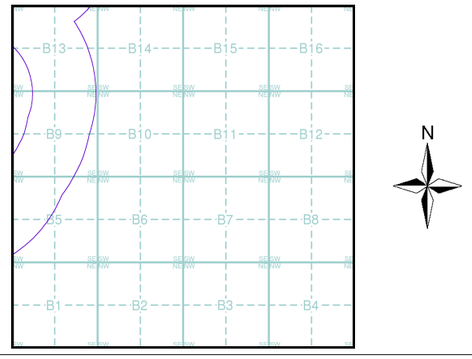
Source map scale - 1:10,000

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 B



Order Details

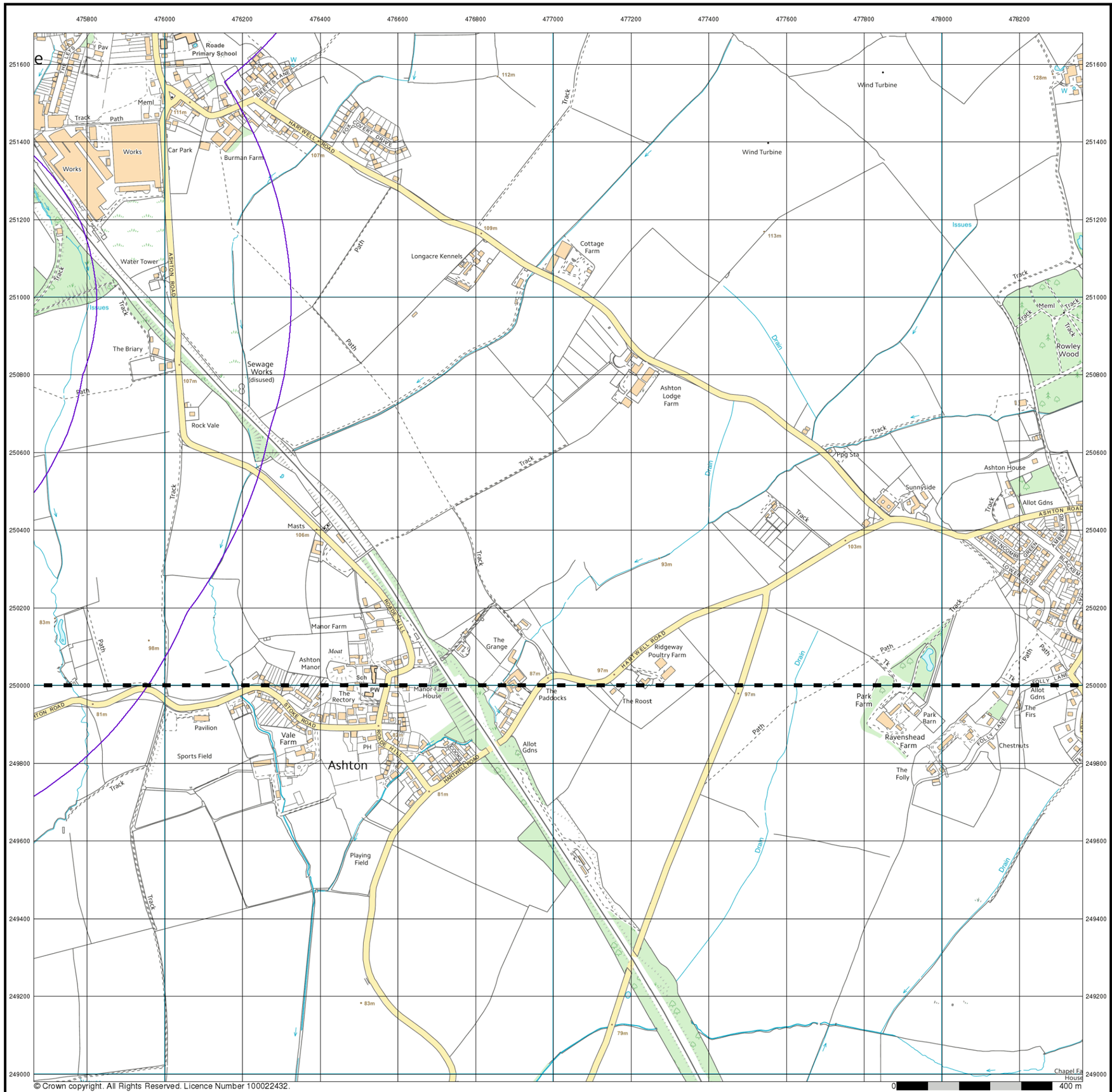
Order Number:	90638346_1_1
Customer Ref:	313418
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Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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VectorMap Local

Published 2016

Source map scale - 1:10,000

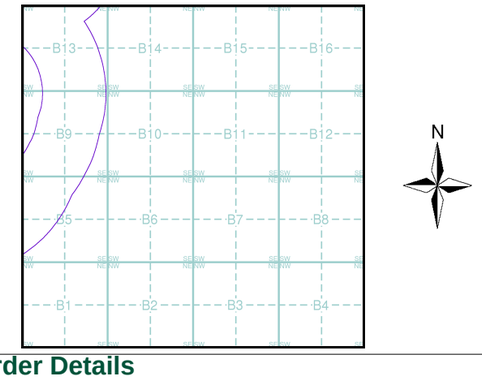
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

SP75SE 2016 Variable

SP74NE 2016 Variable

Historical Map - Slice B



Order Details

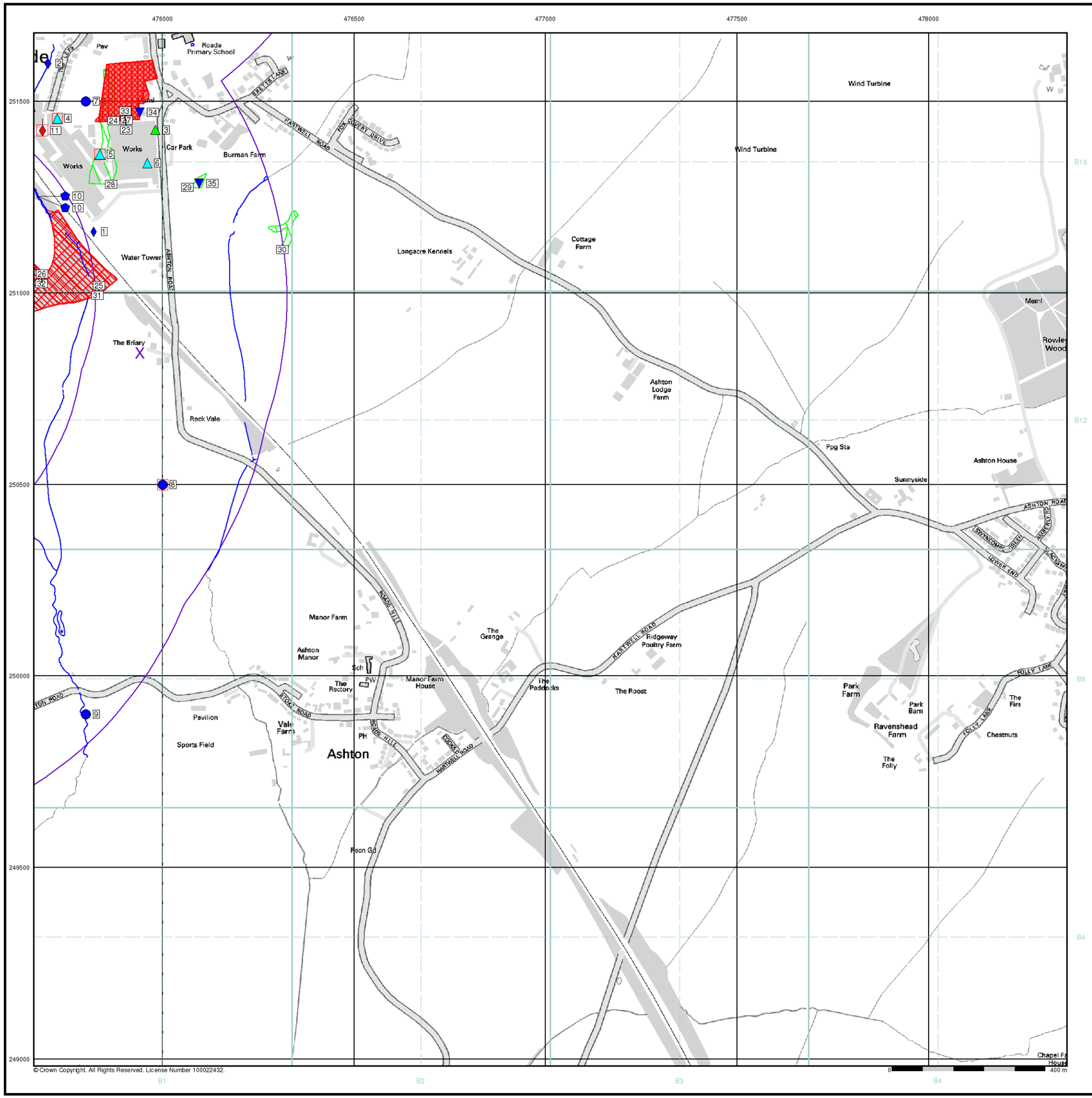
Order Number:	90638346_1_1
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General

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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

COMAH Site | Explosive Site | NIHHS Site

- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

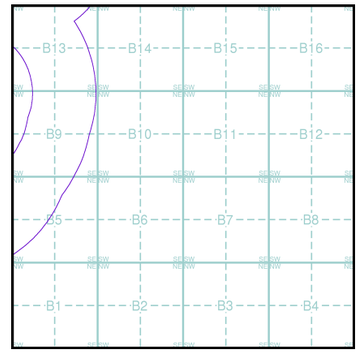
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Slice B



Order Details

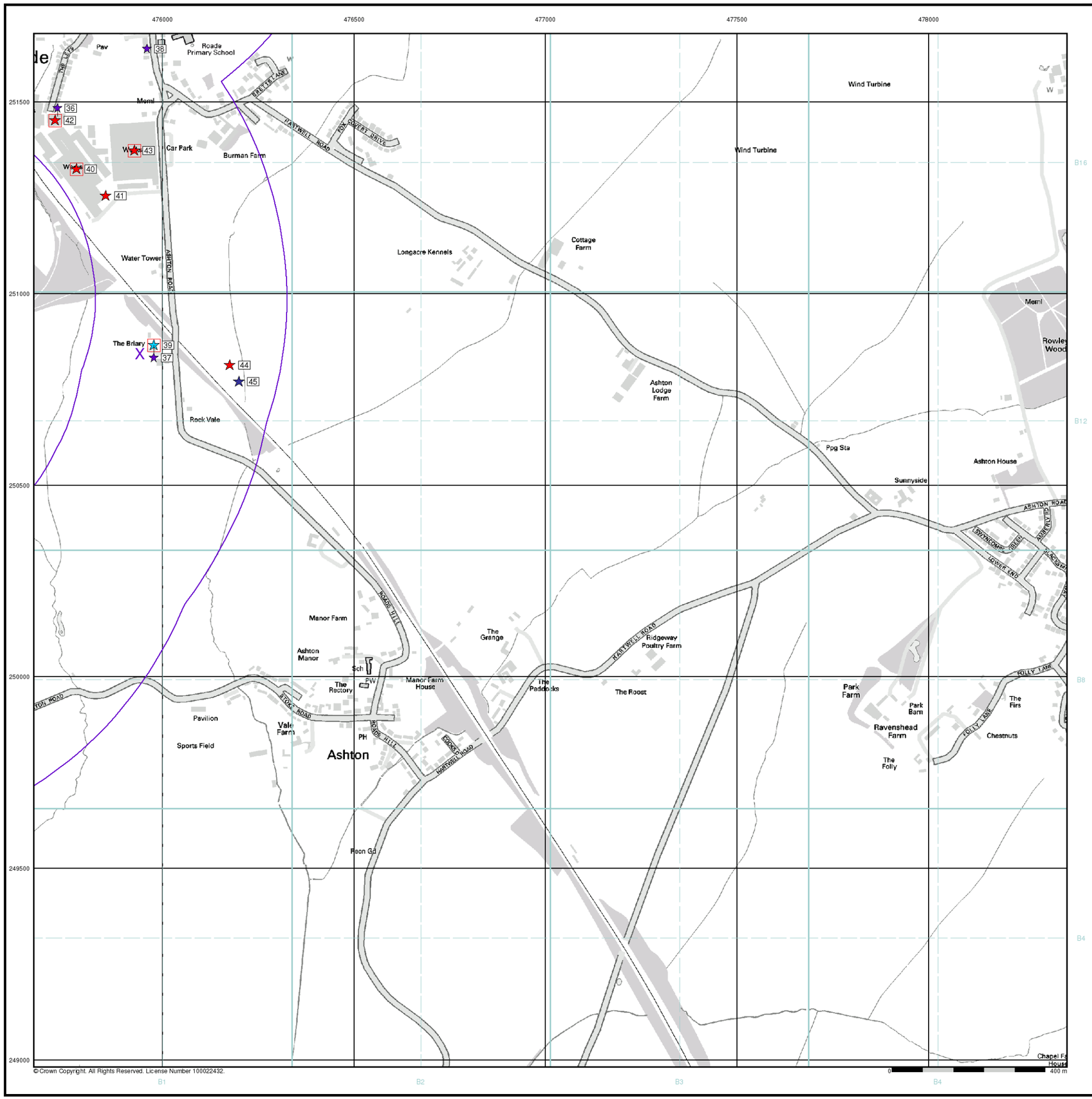
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

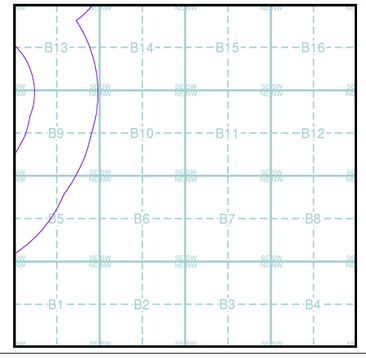
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice B



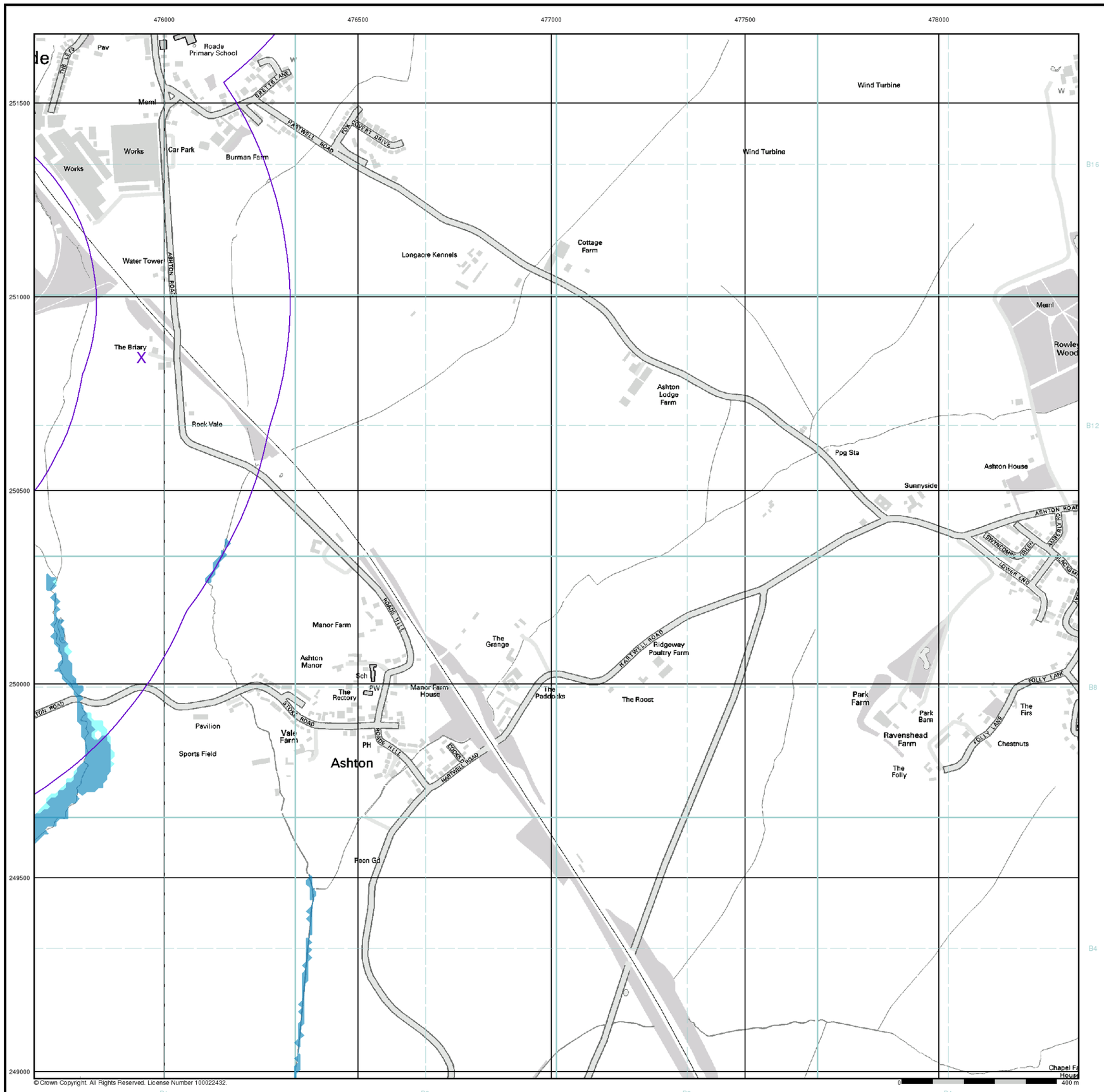
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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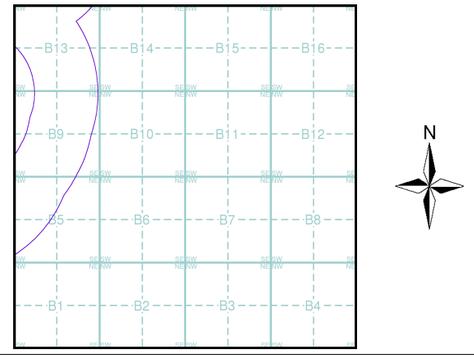
General

- 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



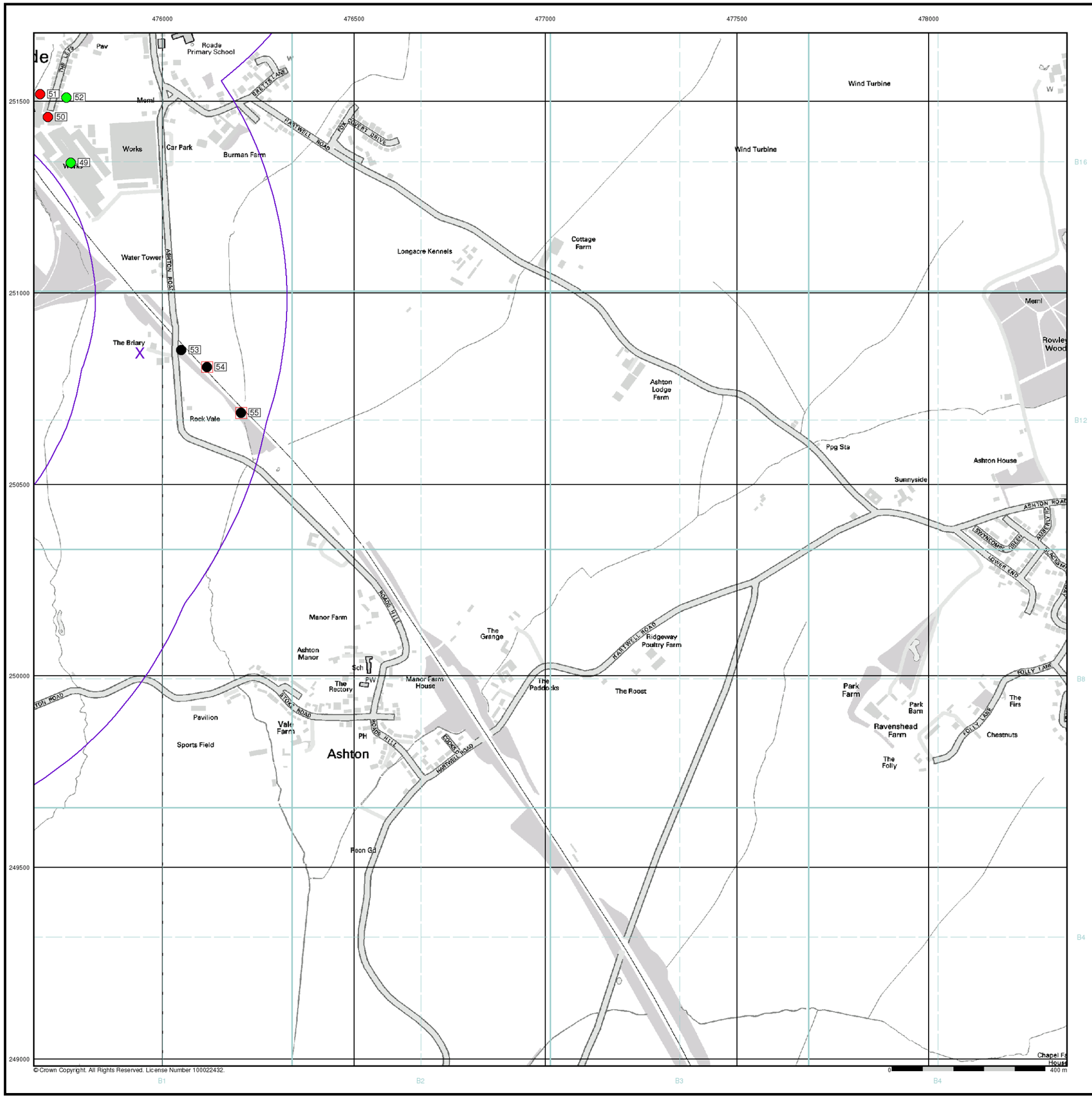
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Customer Ref:	313418
National Grid Reference:	475940, 250840
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Site Area (Ha):	72.92
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General

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

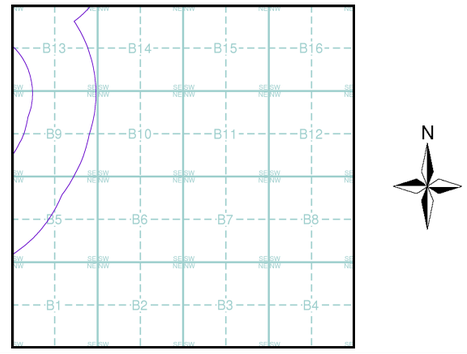
Agency and Hydrological (Boreholes)

- 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



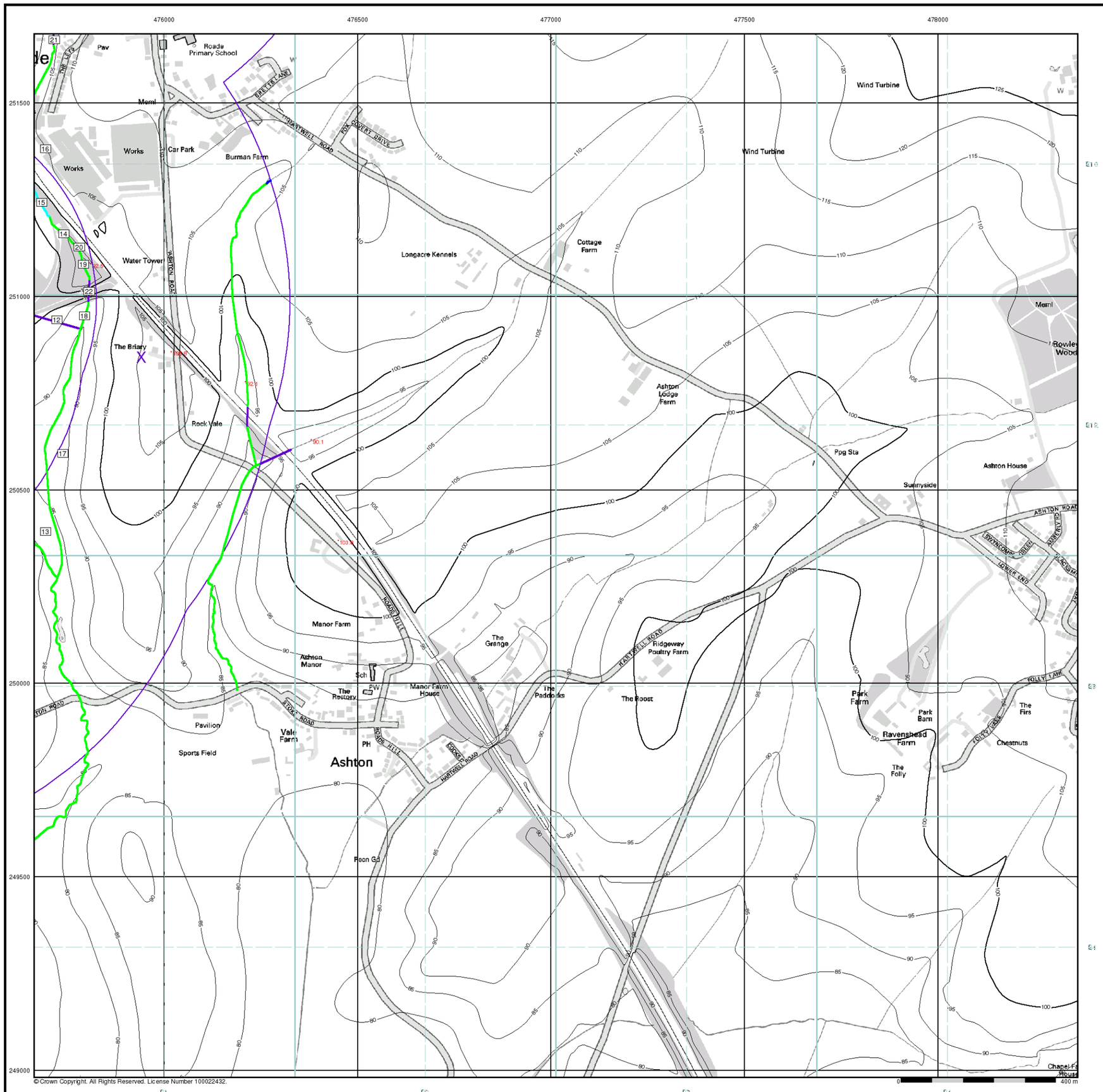
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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



Envirocheck®

General

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

Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

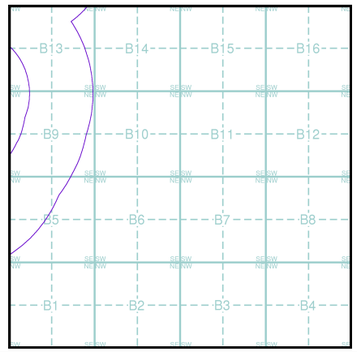
Contours (height in metres)

Standard Contour 105 100 95 — MLW Mean Low Water

Master Contour — MHW Mean High Water

Spot Height *167.3

EA/NRW Detailed River Network Map - Slice B



Order Details

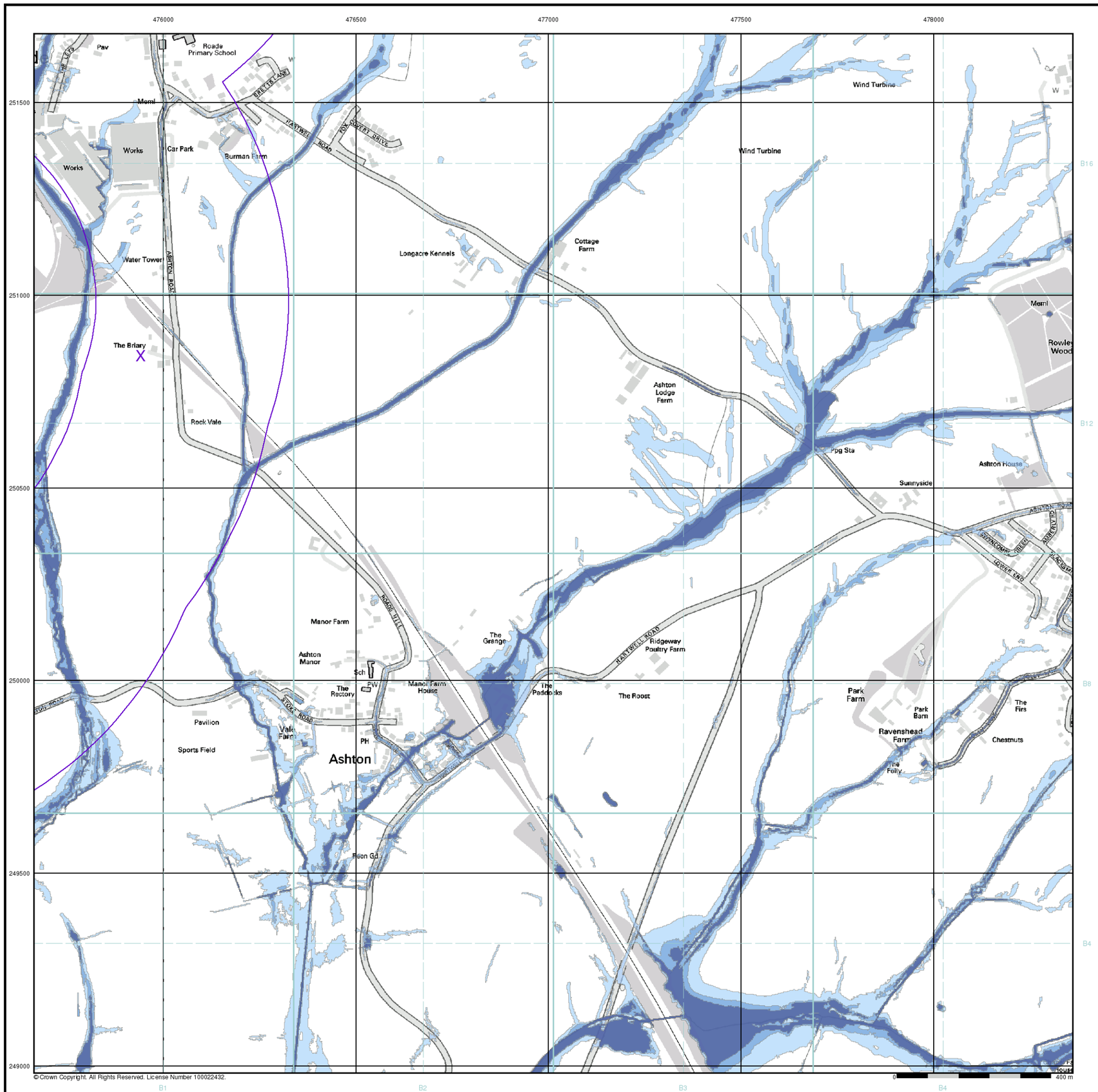
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
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Envirocheck®

General

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

Risk of Flooding from Surface Water

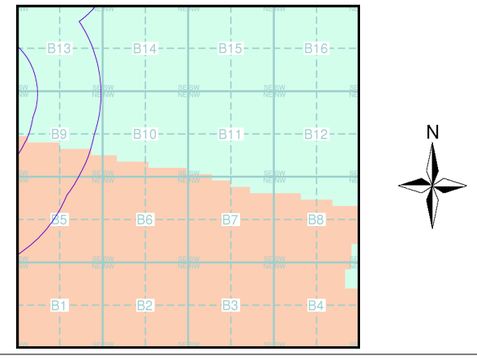
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice B



Order Details

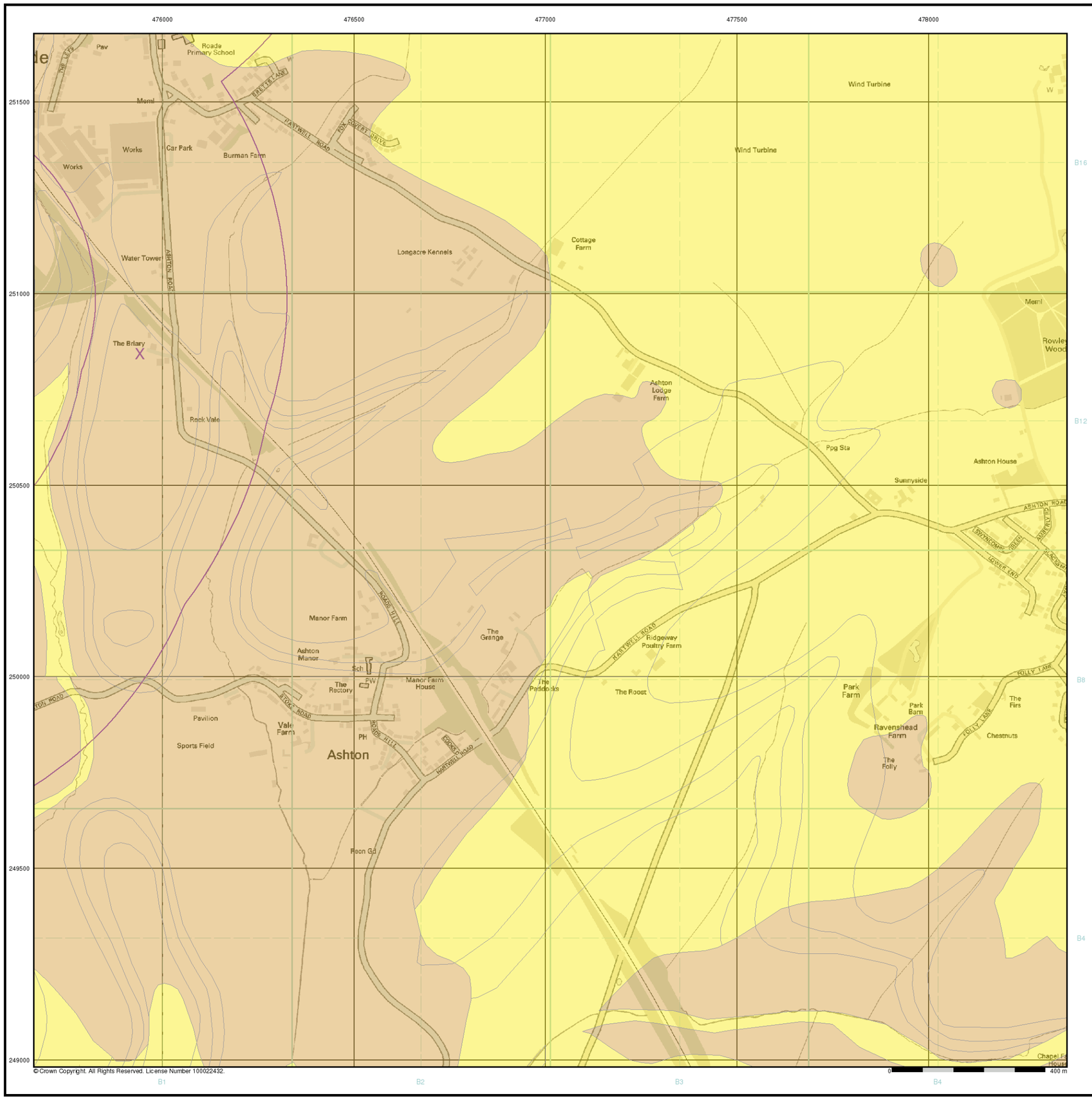
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
Slice:	B
Site Area (Ha):	72.92
Search Buffer (m):	1000

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General

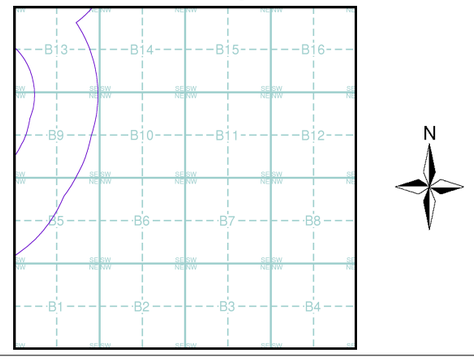
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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 B



Order Details

Order Details:	90638346_1_1
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General

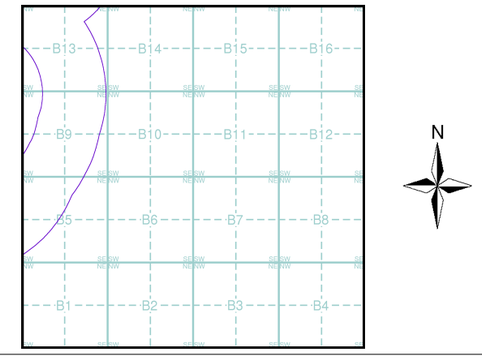
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

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

Estimated Soil Chemistry Cadmium - Slice B



Order Details

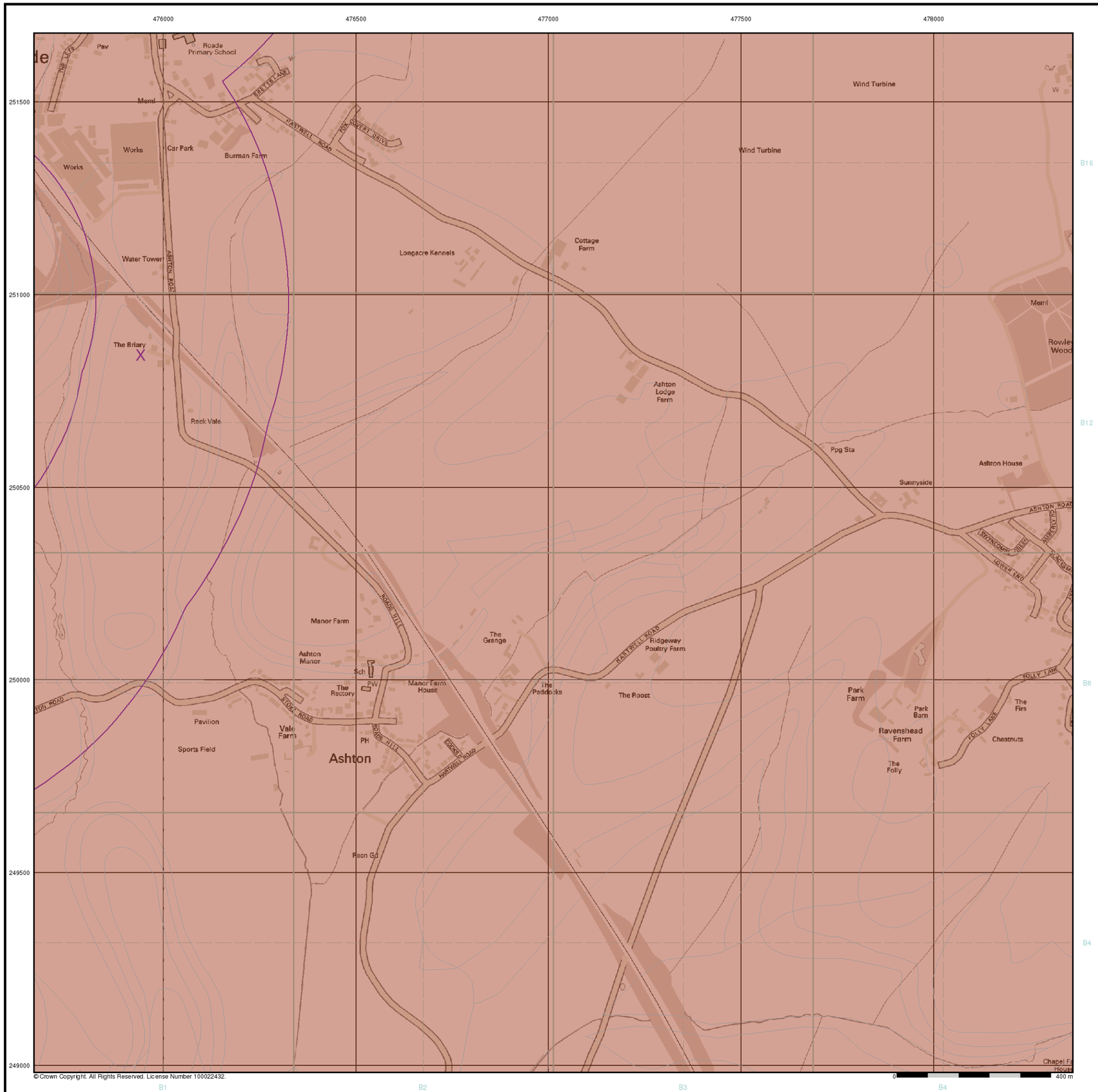
Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
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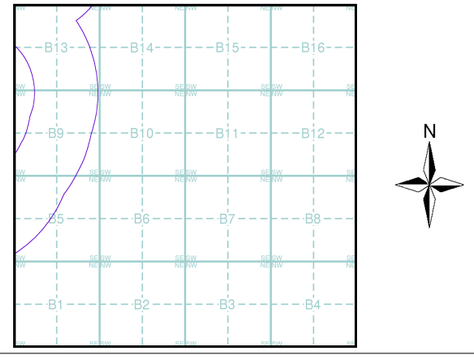
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

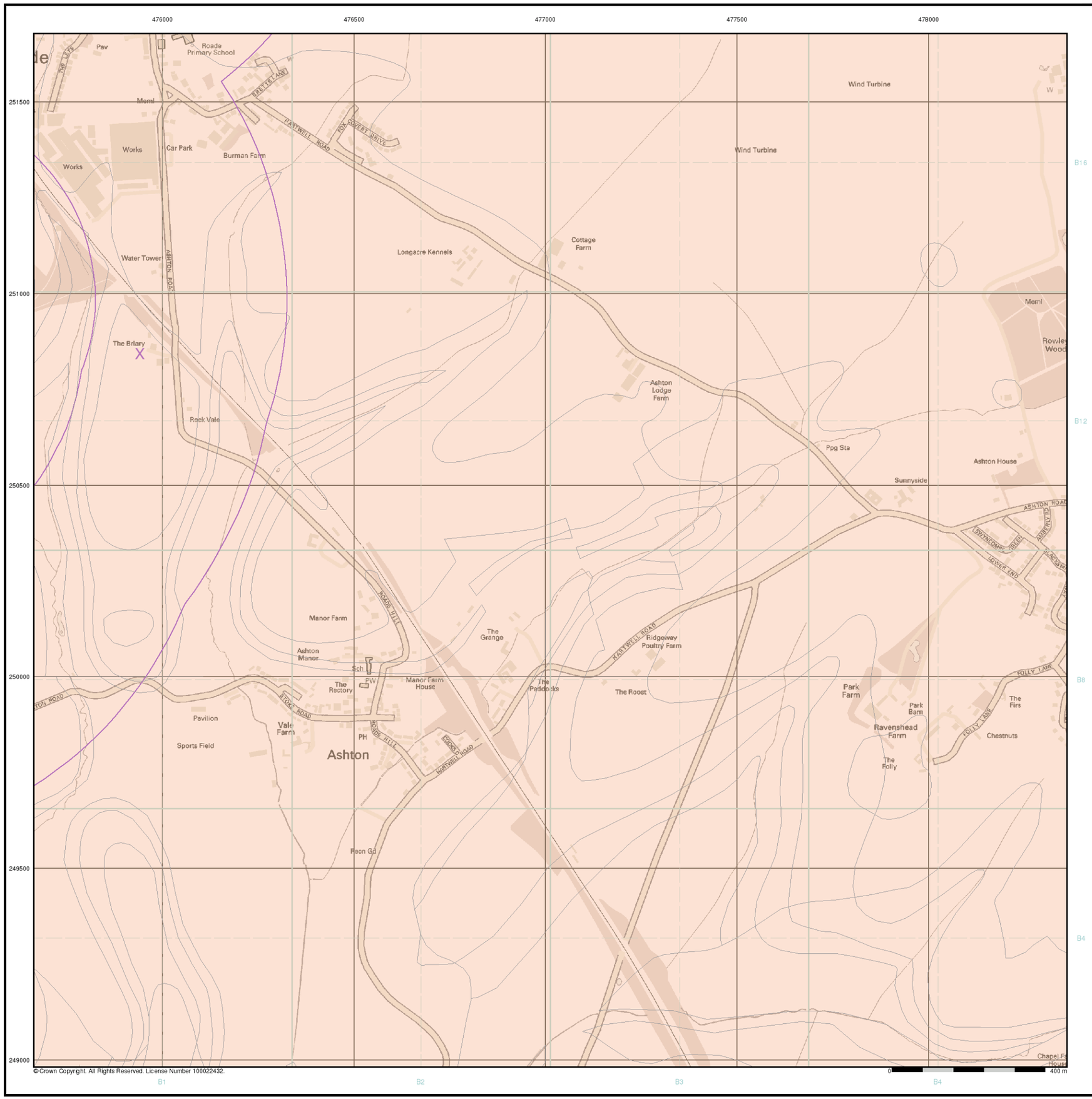


Order Details

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General

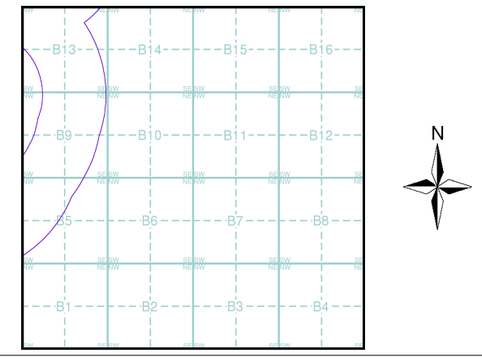
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice B



Order Details

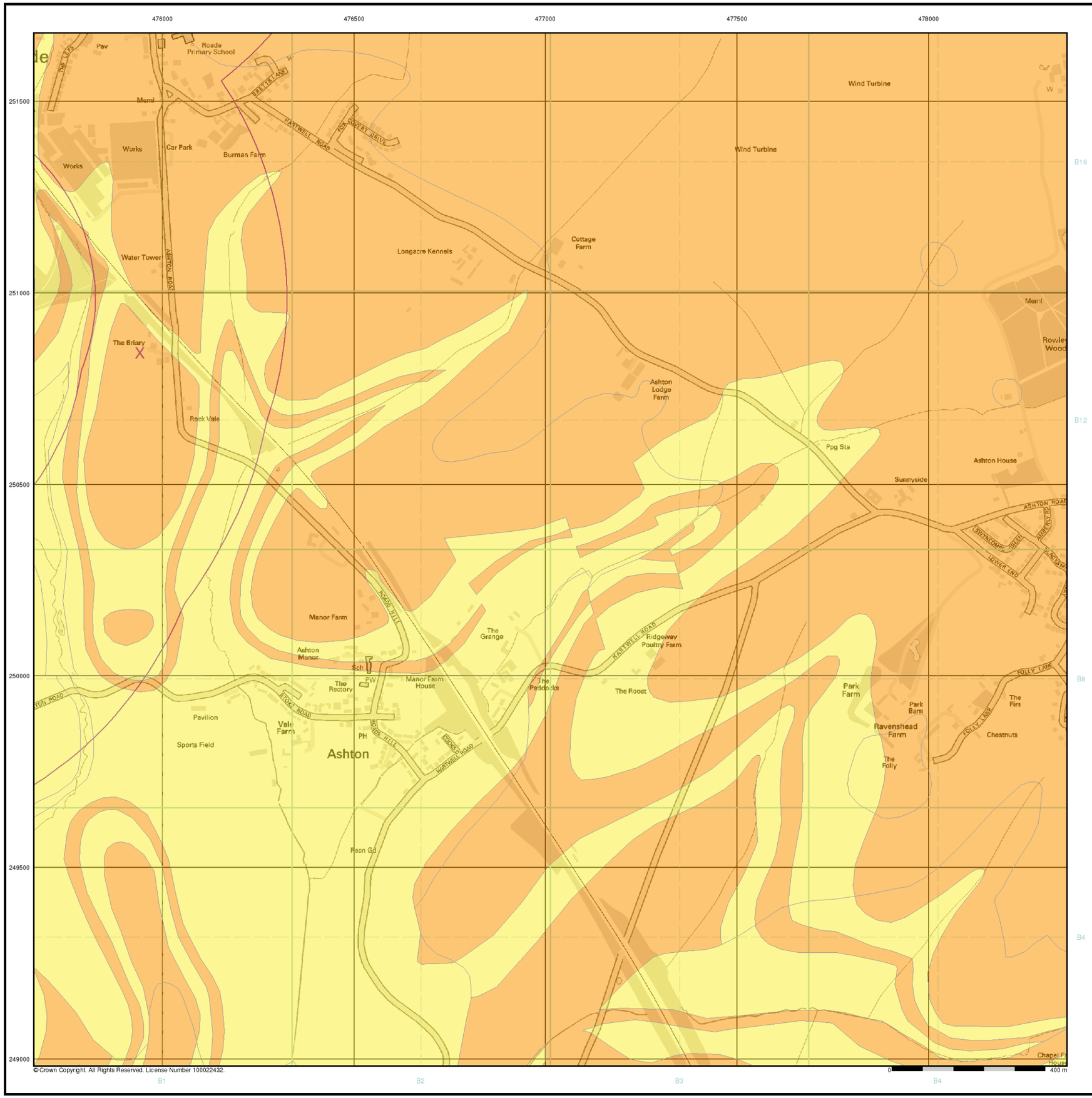
Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	475940, 250840
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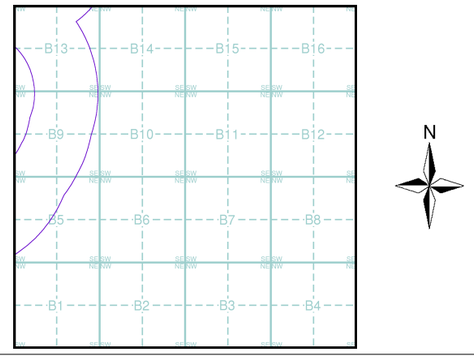
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

Order Details:	90638346_1_1
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Geology 1:10,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TILMP	TILL, MID PLEISTOCENE	Diamicton	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	CB	Cornbrash Formation	Limestone	Callovian - Bathonian
	WBRO	Wellingborough Limestone Member	Limestone and Mudstone, Interbedded	Bathonian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian

Envirocheck® Geology

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

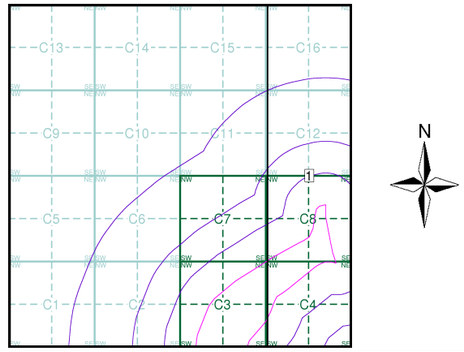
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID: 1
Map Name: SP75SE
Map Date: 1961
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Faults: Available
Landslip: Available
Rock Segments: Not Available

Geology 1:10,000 Maps - Slice C



Order Details

Order Number: 90638346_1_1
Customer Ref: 313418
National Grid Reference: 474760, 252550
Slice: C
Site Area (Ha): 72.92
Search Buffer (m): 1000

Site Details

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Envirocheck® Geology

Artificial Ground and Landslip

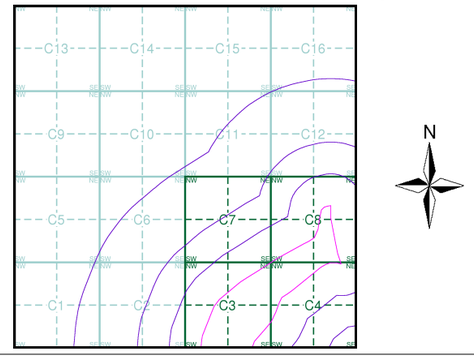
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice C



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
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Search Buffer (m):	1000

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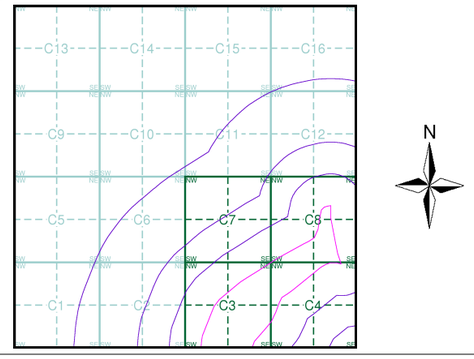
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice C



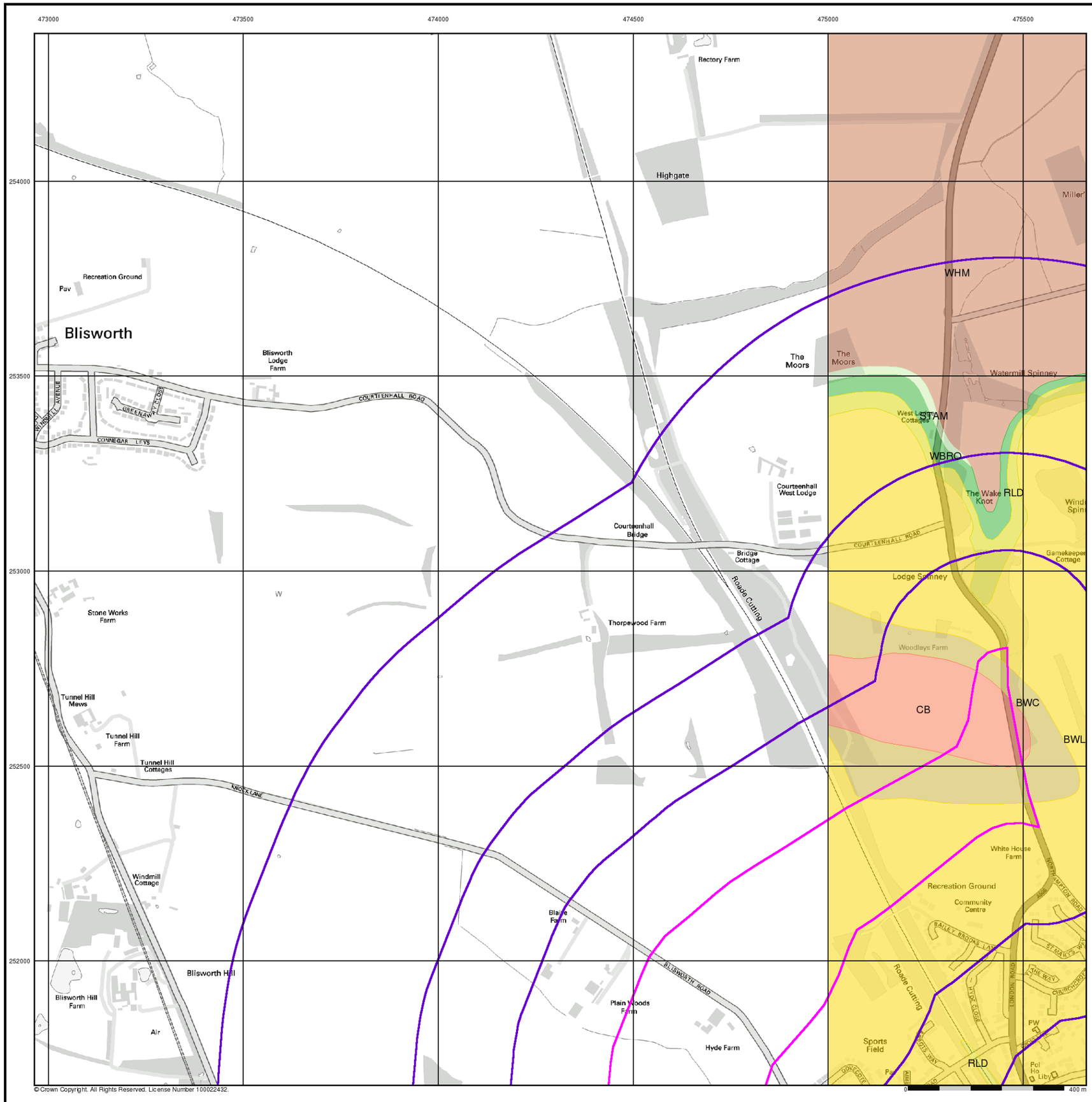
Order Details

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Envirocheck® Geology

Bedrock and Faults

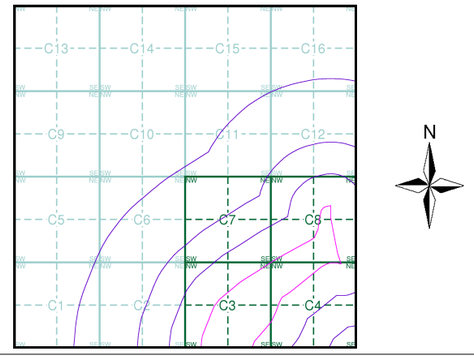
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice C



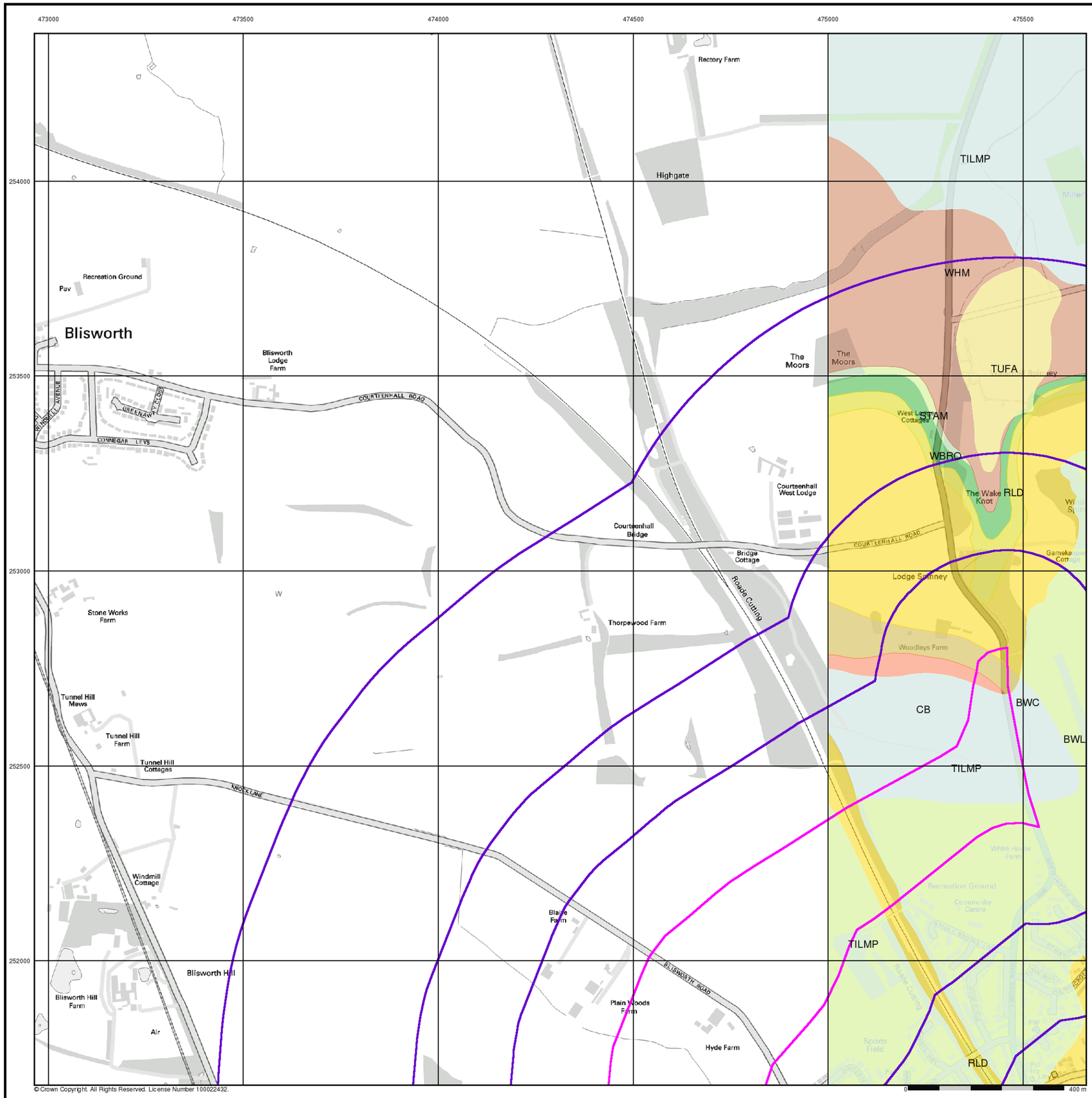
Order Details

Order Number:	90638346_1_1
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Envirocheck® Geology

Combined Surface Geology

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

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

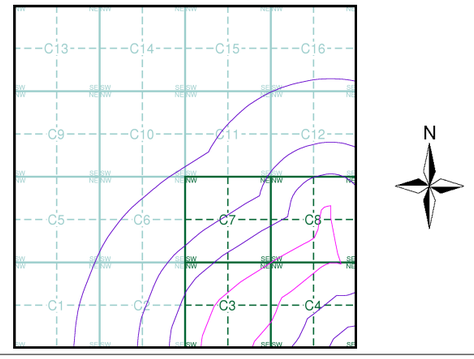
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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

Combined Geology Map - Slice C

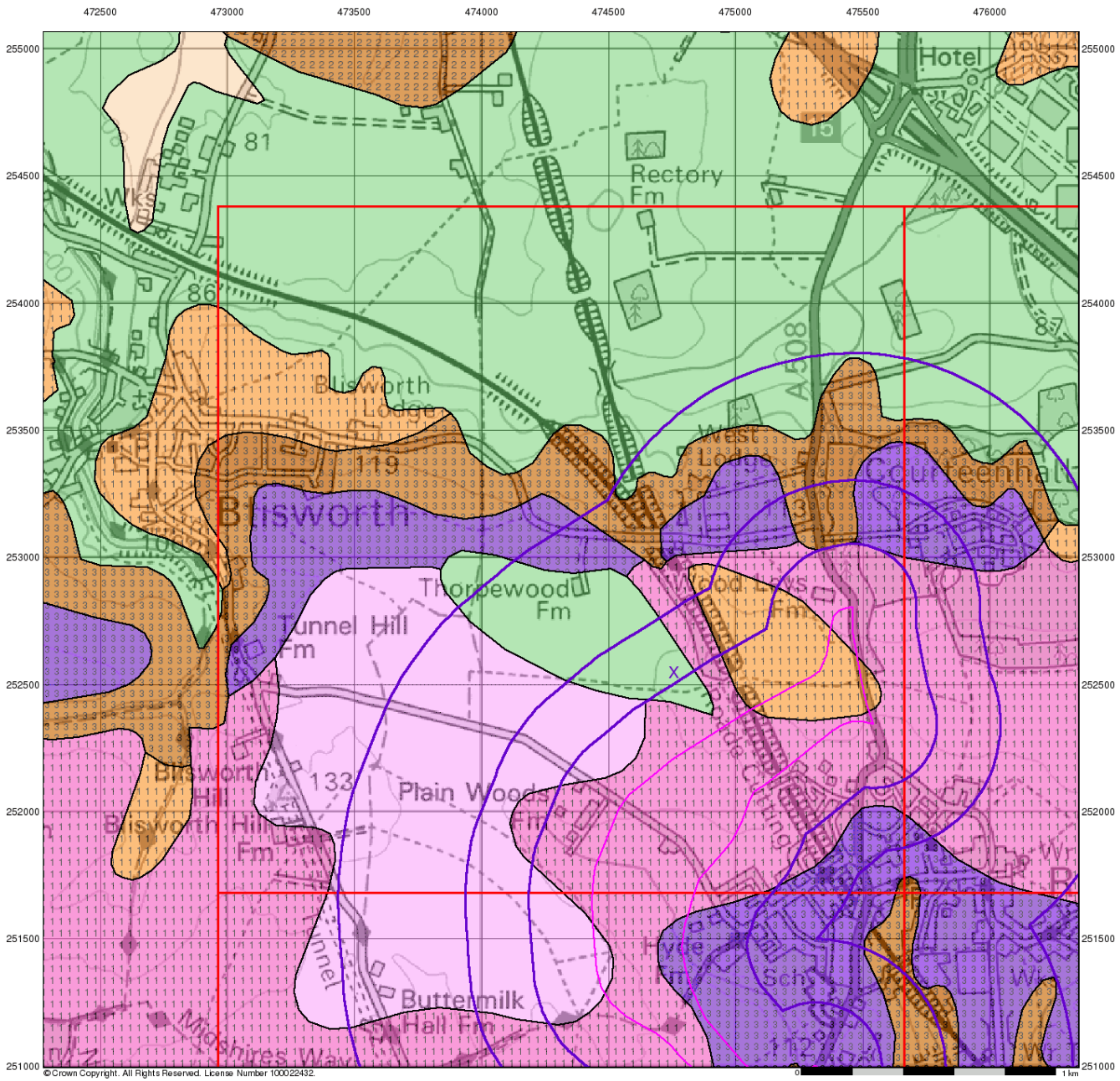


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Groundwater Vulnerability

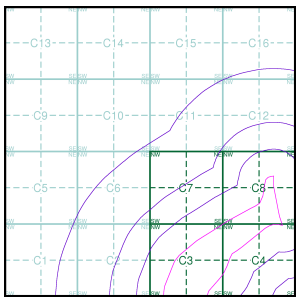
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice C



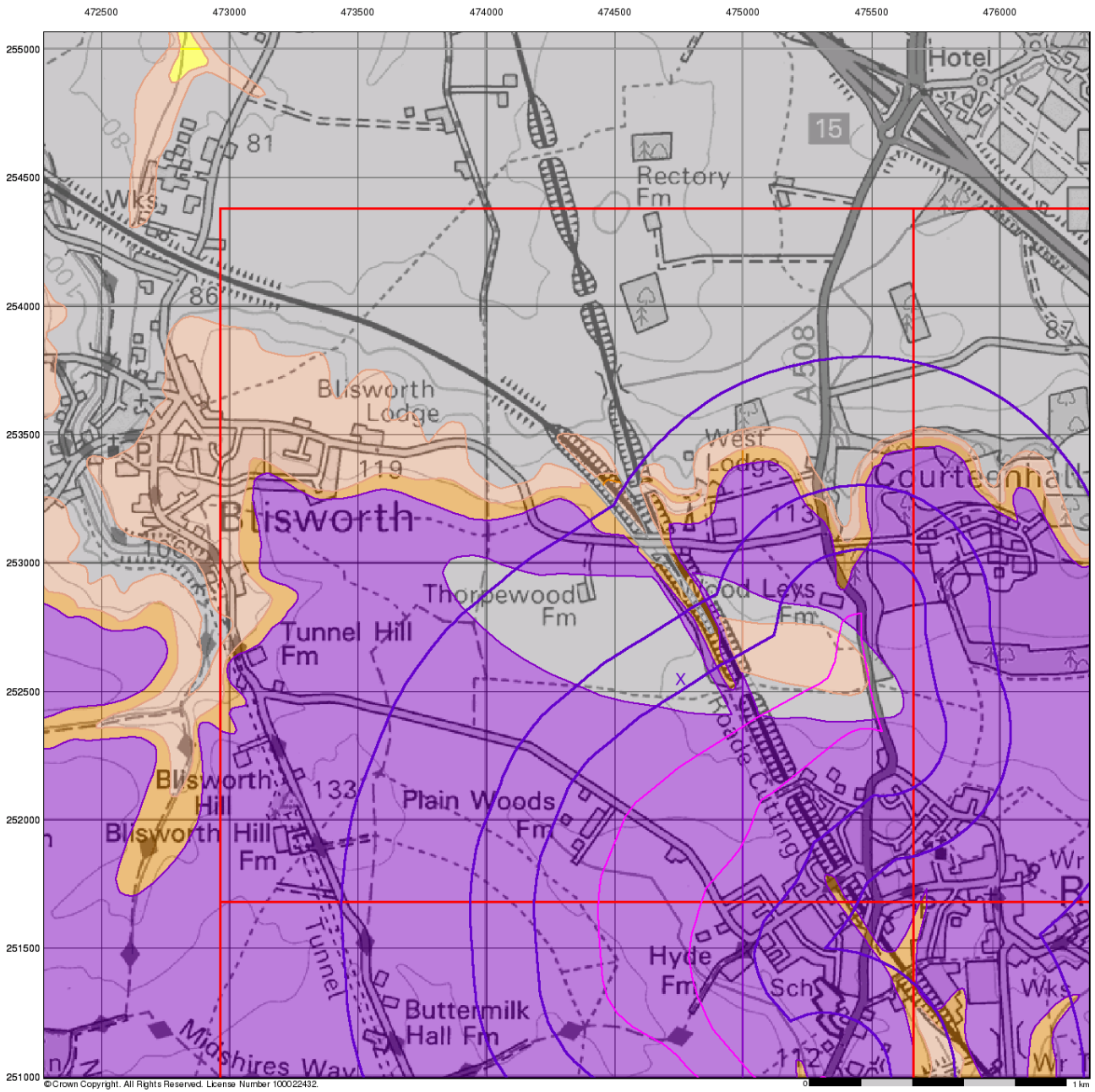
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Bedrock Aquifer Designation

General

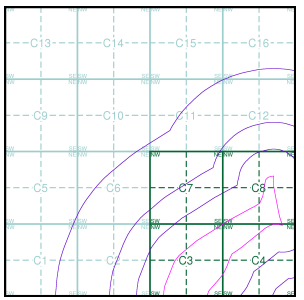
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



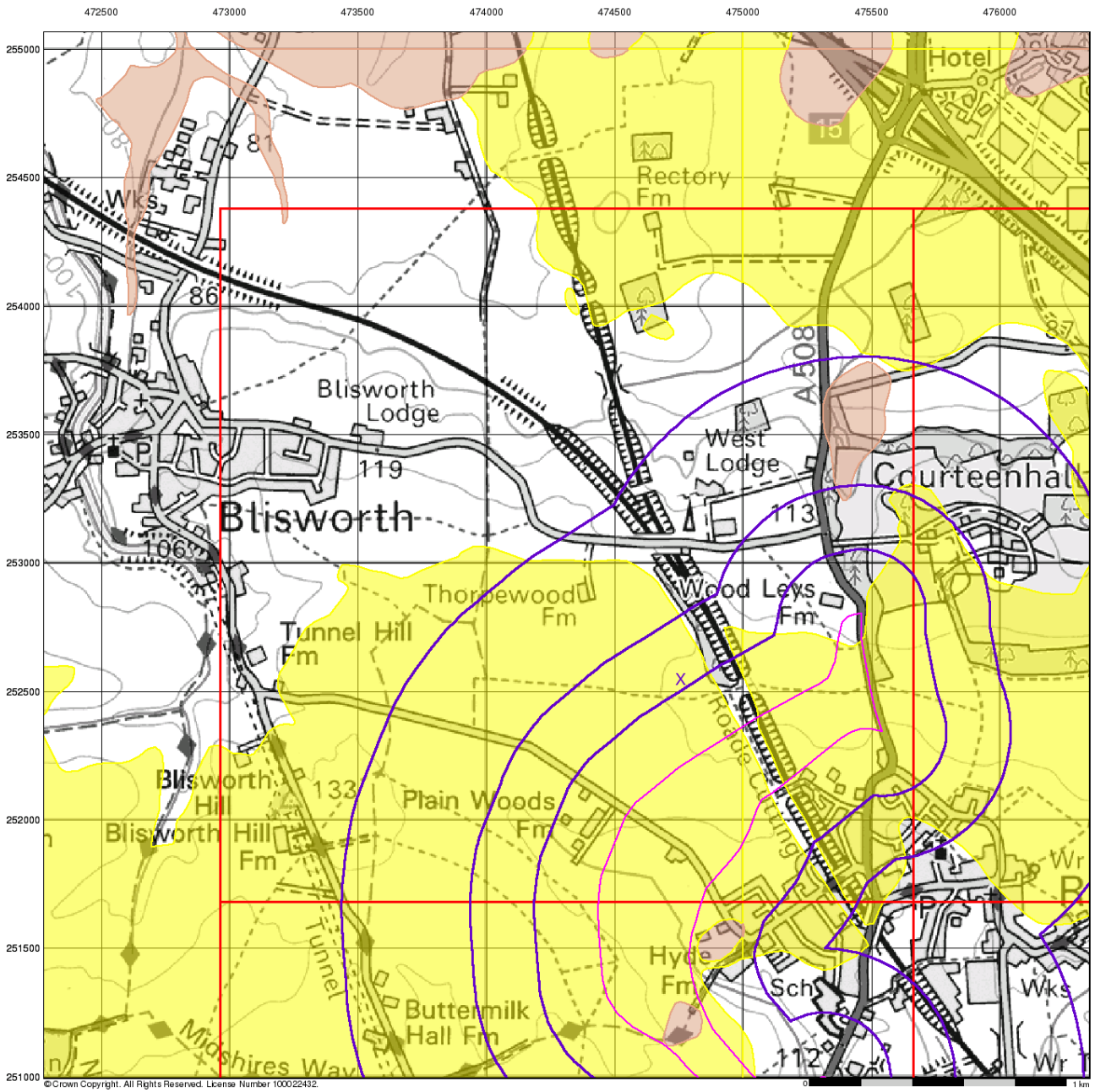
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Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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



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Superficial Aquifer Designation

General

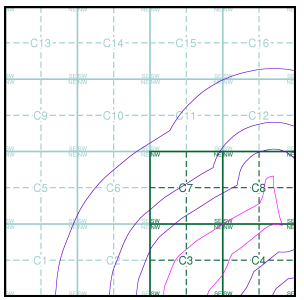
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Source Protection Zones

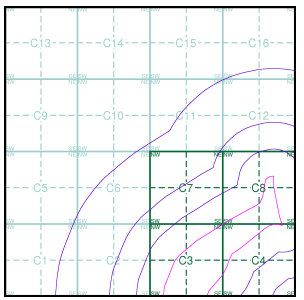
General

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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice C



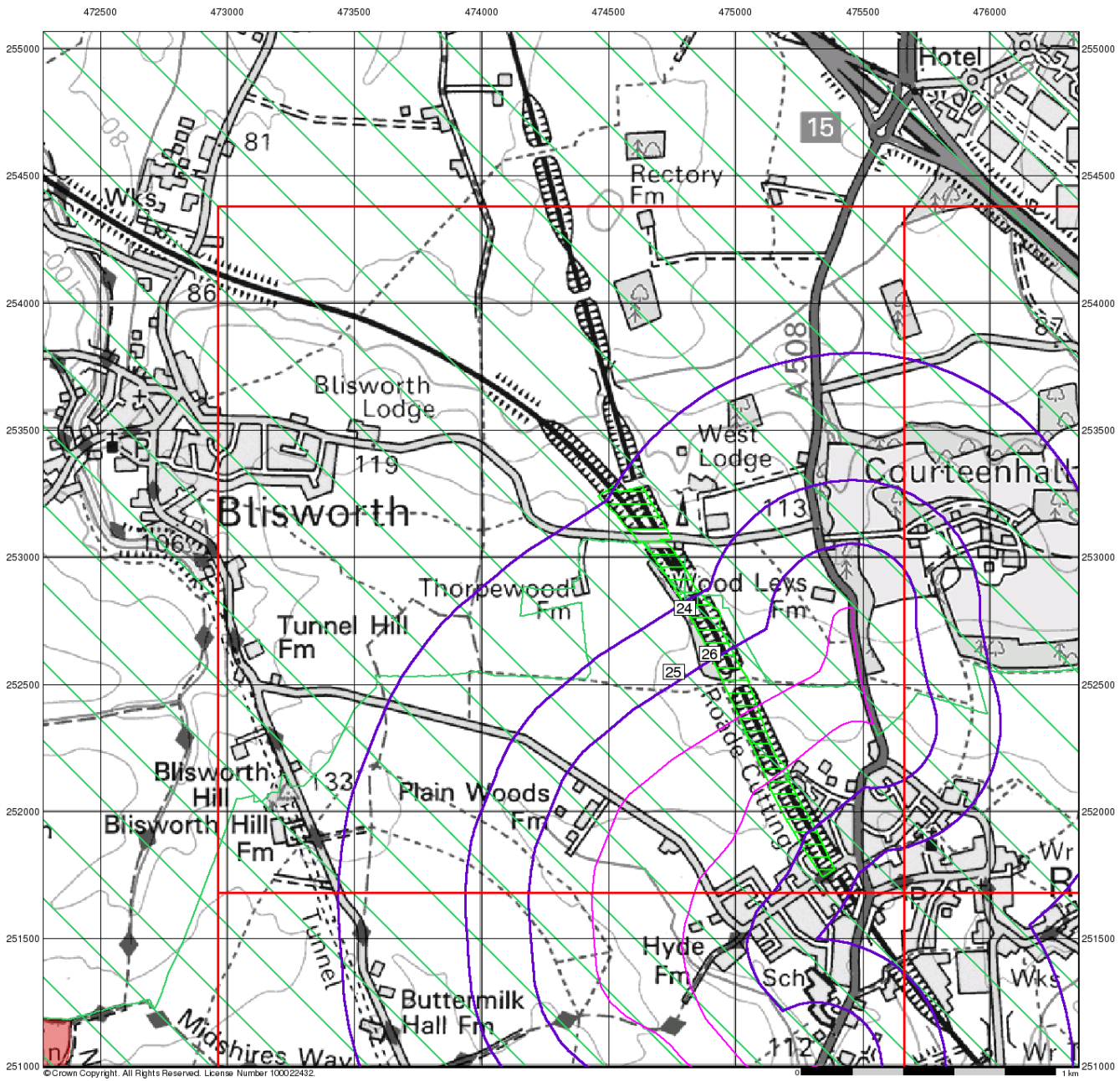
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Sensitive Land Uses

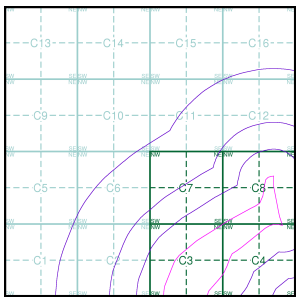
General

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 C

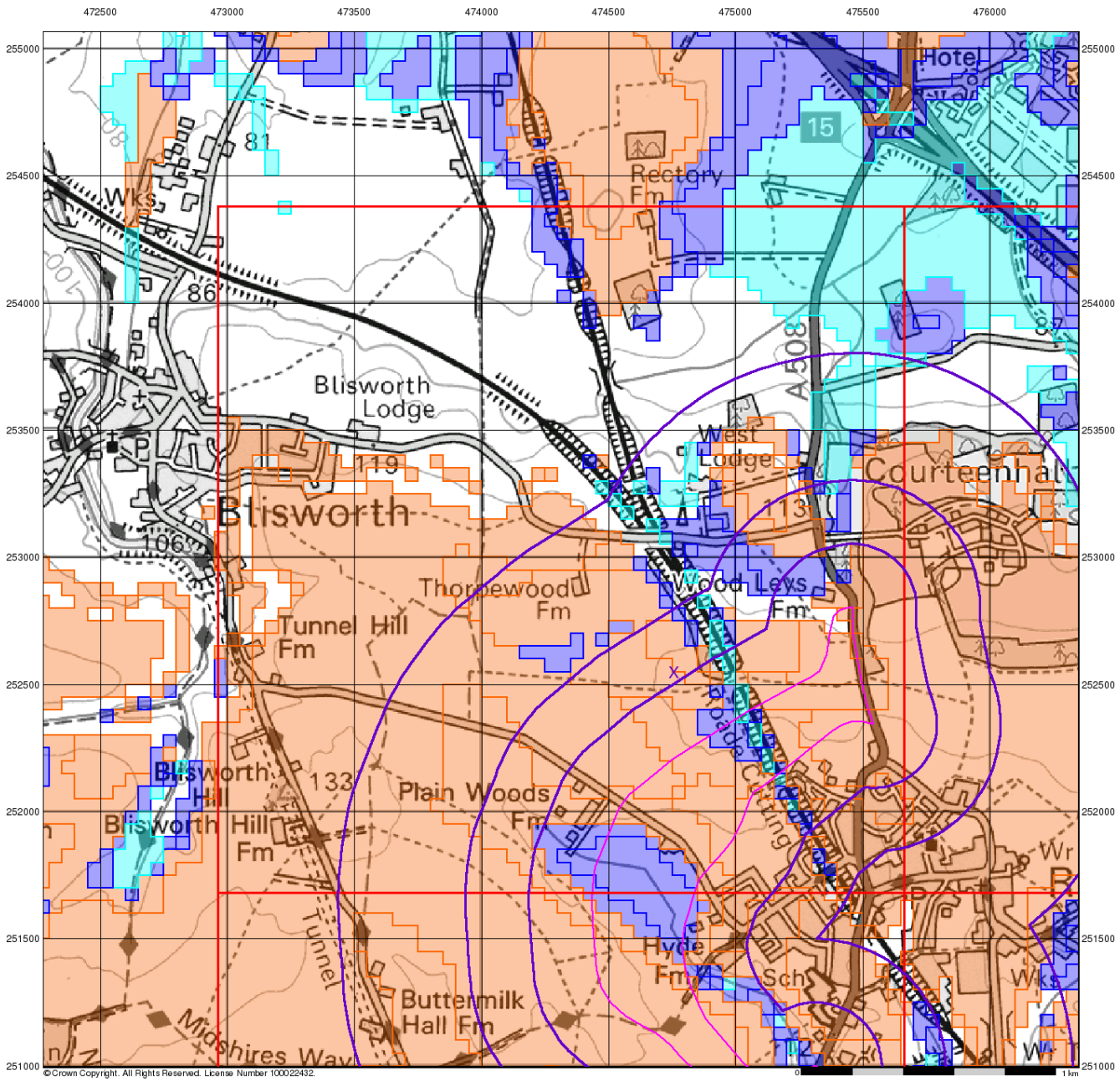


Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS



Envirocheck®

BGS Flood GFS Data

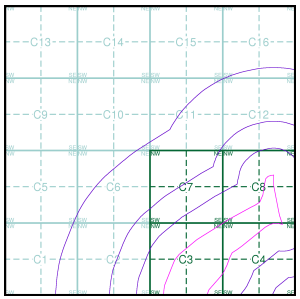
General

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:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
90638346_1_1

Customer Reference:
313418

National Grid Reference:
474760, 252550

Slice:
C

Site Area (Ha):
72.92

Search Buffer (m):
1000

Site Details:

Ivydene, Bailey Brooks Lane
Roade
NORTHAMPTON
NN7 2LS

Client Details:

Mrs D Martin
RSK Environment Ltd
Abbey Park
Humber Road
Coventry
CV3 4AQ

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	9
Hazardous Substances	-
Geological	10
Industrial Land Use	16
Sensitive Land Use	18
Data Currency	19
Data Suppliers	24
Useful Contacts	25

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 the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v50.0

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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				5
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				1
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Drift Deposits	pg 7	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Source Protection Zones					
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
Detailed River Network Lines	pg 8	Yes	Yes	Yes	n/a
Detailed River Network Offline Drainage					n/a

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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 9	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 9			2	
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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 10	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 10	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 12		1	1	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 12	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 13	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 15	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 16		7		
Fuel Station Entries					
Points of Interest - Commercial Services	pg 16		6		
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure	pg 17		1		
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

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					
Nitrate Vulnerable Zones	pg 18	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 18	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	2	475150 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8SW (E)	0	2	475050 252548
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	2	474450 251750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	2	474650 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C8SW (E)	0	2	475000 252500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8SW (SE)	0	2	475050 252400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (S)	0	2	474600 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NE (S)	0	2	474850 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4NW (SE)	0	2	475050 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SE (SE)	0	2	474850 252400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	2	475000 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8SW (E)	0	2	475200 252548
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	2	474850 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	2	475000 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	2	474757 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8NW (NE)	0	2	475300 252800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	2	475250 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	2	475150 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	2	475250 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	2	474700 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	0	2	475050 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	2	475100 252300

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	C8SW (SE)	0	2	475100 252400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NE (S)	0	2	474757 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	2	474650 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (S)	0	2	474750 252450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4NW (SE)	0	2	475000 252200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	0	2	475100 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	0	2	475150 252200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4NW (E)	0	2	475250 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SW (SW)	0	2	474600 252400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	2	475000 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	2	474800 251550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	2	474800 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	2	475750 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	20	2	474850 251650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	21	2	474850 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NW (SE)	26	2	475150 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SW (SE)	28	2	475150 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SE (E)	32	2	474950 252500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	37	2	474850 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8SW (E)	41	2	475000 252550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (E)	59	2	474757 252548
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	66	2	474900 251350

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)	66	2	475150 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	74	2	475200 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8NW (NE)	83	2	475100 252850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	85	2	474900 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	90	2	474950 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (S)	92	2	474950 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8SW (E)	93	2	475000 252548
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NW (SE)	96	2	475200 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8NE (NE)	97	2	475400 252900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SE (E)	102	2	474900 252500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	112	2	474950 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	117	2	475150 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C7SE (E)	118	2	474900 252600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	131	2	475000 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SW (SE)	136	2	475200 252000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	143	2	475100 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (E)	144	2	474900 252548
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	170	2	475050 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (N)	171	2	474757 252550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	182	2	475150 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SW (SE)	206	2	475250 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (E)	213	2	474850 252550

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	(S)	214	2	475150 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C12SW (NE)	217	2	475050 253050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SE (NE)	249	2	474950 252650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SW (SE)	276	2	475300 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SW (SE)	296	2	475300 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C12SE (NE)	297	2	475400 253100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C8NW (NE)	297	2	475050 252850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C12SE (NE)	303	2	475350 253100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	324	2	474300 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SE (NE)	324	2	474800 252650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7NE (NE)	336	2	474950 252750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	344	2	475600 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7NE (NE)	361	2	474900 252750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4SE (SE)	363	2	475350 251800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C12SW (NE)	373	2	475050 253150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	376	2	475700 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	392	2	475700 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7NE (NE)	407	2	474950 252900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	420	2	475550 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C7NE (N)	429	2	474850 252800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	430	2	475750 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7NE (N)	435	2	474757 252750

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	C12SW (NE)	438	2	475000 253050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C12SE (NE)	447	2	475400 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C12SE (NE)	451	2	475350 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (SE)	451	2	475400 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C12SW (NE)	460	2	475300 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C12SW (NE)	471	2	475250 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	497	2	475750 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7NW (NW)	500	2	474600 252700
1	**Discharge Consents** Operator: Roger R Harris Property Type: Domestic Property (Single) Location: Bridge Cottage Blisworth Road, Courteenhall, Northampton, Nn7 2qb Authority: Environment Agency, Anglian Region Catchment Area: Wootton Brook (Gayton) Reference: Pr5lf3002 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	C11SE (N)	696	3	474748 253047
1	**Discharge Consents** Operator: Roger R Harris Property Type: Domestic Property (Single) Location: Bridge Cottage Blisworth Road, Courteenhall, Northampton, Nn7 2qb Authority: Environment Agency, Anglian Region Catchment Area: Wootton Brook (Gayton) Reference: Pr5lf3002 Permit Version: 1 Effective Date: 17th January 1966 Issued Date: 17th January 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	C11SE (N)	696	3	474748 253047

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: David Charles Baines Property Type: Sewage Disposal Works - Other Location: Thorpewood Farm House And Barns Blisworth Road, Courteenhall, Northampton, Nn7 2qb Authority: Environment Agency, Anglian Region Catchment Area: Wootton Brook (Gayton) Reference: Prnnf18087 Permit Version: 1 Effective Date: 1st March 2004 Issued Date: 28th February 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Wootton Brook **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	C7NW (NW)	711	3	474410 252830
3	**Discharge Consents** Operator: Courteenhall Farms Property Type: Arable Farming Location: West Lodge Farm Courteenhall Road, Courteenhall, Northampton, Nn7 2qb Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Gwnlf40195 Permit Version: 1 Effective Date: 31st March 1999 Issued Date: 17th January 2001 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Agricultural And Surface Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: Deemed Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 10m	C11NE (N)	763	3	474950 253400
4	**Discharge Consents** Operator: D.C. Baines Esq Property Type: Sewage Disposal Works - Other Location: Thorpewood Farm Barns, Courteenhall, Northampton Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf03868 Permit Version: 1 Effective Date: 5th November 1990 Issued Date: 5th November 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	C7NW (NW)	818	3	474320 252900
	Nearest Surface Water Feature	C3SW (S)	0	-	474556 251790
5	**Water Abstractions** Operator: A J Kelcher Esq Licence Number: 5/32/04/*g/034 Permit Version: Not Supplied Location: Borehole Thorpewood Farm, ROADE Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 4 Yearly Rate (m3): 10000 Details: Northampton Sanstone; 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	C7SW (NW)	547	3	474480 252680
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	C7SE (NE)	0	3	474816 252587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	C4SE (SE)	0	3	475654 251734
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	C4SE (SE)	0	3	475459 251971
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	C7SW (SW)	0	3	474646 252440
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	C7SE (NE)	0	3	474940 252625
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	C7SE (S)	0	3	474716 252437
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	C7SE (NE)	0	2	474856 252595
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	C8SW (E)	0	2	475000 252548
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	C4SW (SE)	0	2	475322 251785
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	C8SW (E)	0	2	475000 252565
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SE)	0	2	475678 251269
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	C8SW (E)	0	2	475000 252577
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	2	474755 251291
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C7SE (E)	0	2	474757 252548
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C4NW (SE)	0	2	475000 252336
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	2	475000 251176
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C8SW (E)	0	2	475000 252565
	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				
6	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	C8NE (NE)	0	3	475357 252959
7	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	C3SW (S)	0	3	474556 251790
8	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	C3SW (SW)	90	3	474329 251858
9	**Detailed River Network Lines** River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	C2NE (W)	141	3	474064 252290
10	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	C12SE (NE)	255	3	475408 253053
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Northamptonshire District Council - Has supplied landfill data		0	4	474757 252548
	Local Authority Landfill Coverage Name: Northamptonshire County Council - Has supplied landfill data		0	5	474757 252548
11	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	C12SE (NE)	440	-	475548 253234
12	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	C12SE (NE)	448	-	475576 253236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	C7SE (E)	0	2	474757 252548
	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	C7SE (NE)	0	2	474856 252595
	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	C7SE (E)	0	2	474757 252548
	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	C7SE (NE)	0	2	474965 252643
	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	C4SW (SE)	0	2	475322 251785
	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	C8NE (NE)	104	2	475366 252916
	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	C7SE (NE)	140	2	474887 252613

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	C7NE (NE)	198	2	474872 252724
	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	C11SE (N)	280	2	474692 253073
	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	C4SE (SE)	350	2	475606 251978
	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	C12SE (NE)	445	2	475388 253243
	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	C11SW (N)	817	2	474629 253094
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C11SE (N)	887	2	474698 253329

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C15SW (N)	958	2	474457 253926
13	**BGS Recorded Mineral Sites** Site Name: Courteenhall Gravel Pit Location: , Courteenhall, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139750 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	C8NE (NE)	216	2	475631 252935
14	**BGS Recorded Mineral Sites** Site Name: Courteenhall Location: , Courteenhall, Northampton, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139751 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	C12SE (NE)	446	2	475560 253238
	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	C7SE (E)	0	2	474757 252548
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (E)	0	2	474757 252548
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	0	2	475322 251785
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252565
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252595

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	C7SE (SW)	0	2	474661 252408
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C4NW (SE)	0	2	475000 252222
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8SW (SE)	0	2	475058 252400
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (S)	0	2	474733 252426
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3SE (S)	0	2	474765 251684
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4NW (SE)	0	2	475000 252336
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252711
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	2	474856 252595
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252904
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252737
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8NE (E)	7	2	475467 252706
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (E)	63	2	474757 252548
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NE (NE)	104	2	475366 252916
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	140	2	474887 252613
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	174	2	474994 252579
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	180	2	475000 252577
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	185	2	474965 252643
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	200	2	474993 252615
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4SW (SE)	247	2	475299 251887
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (E)	0	2	474757 252548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (E)	140	2	474944 252513
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252565
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (E)	0	2	474757 252548
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C4NW (SE)	0	2	475000 252336
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	2	474856 252595
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252737
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	174	2	474965 252643
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252577
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (S)	0	2	474733 252426
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	0	2	474856 252595
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252904
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252737
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475000 252773
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252565
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C7SE (E)	63	2	474757 252548
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	174	2	474994 252579
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C7SE (NE)	185	2	474965 252643

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, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C8SW (E)	0	2	475000 252548
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C8NW (NE)	0	2	475025 252801
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C7SE (S)	0	2	474757 252501
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C2SW (SW)	0	2	473925 251926
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	C8SW (NE)	0	2	475000 252651
	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	C8SW (E)	0	2	475000 252548
	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	C8NW (NE)	0	2	475025 252801
	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 (S)	0	2	474757 252501
	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	C2SW (SW)	0	2	473925 251926
	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	C8SW (NE)	0	2	475000 252651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Contemporary Trade Directory Entries** Name: Rubbish 2 Go Location: Ash Brook, 28, Bailey Brooks Lane, Roade, Northampton, NN7 2PT Classification: Waste Disposal Services **Status: Active** Positional Accuracy: Automatically positioned to the address	C4NW (SE)	25	-	475236 252168
15	**Contemporary Trade Directory Entries** Name: Homech Auto Services Location: 26, Bailey Brooks Lane, Roade, Northampton, NN7 2PT Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	C4NW (SE)	53	-	475251 252145
16	**Contemporary Trade Directory Entries** Name: 118 Rescue & Recovery Location: Blisworth Road, Roade, Northampton, NN7 2LN Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	C3SW (SW)	86	-	474436 251980
16	**Contemporary Trade Directory Entries** Name: Highgrade Motors Location: Plainwood House, Blisworth Road, Roade, NORTHAMPTON, NN7 2LN Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	C3SW (SW)	86	-	474436 251980
16	**Contemporary Trade Directory Entries** Name: Paintec Location: Blisworth Road, Roade, Northampton, NN7 2LN Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C3SW (SW)	86	-	474436 251980
17	**Contemporary Trade Directory Entries** Name: L A S Motorhomes Location: Unit 4, Plainwood Business Centre, Blisworth Road, Roade, NN7 2LN Classification: Caravans - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	C3SW (SW)	121	-	474359 251881
18	**Contemporary Trade Directory Entries** Name: Pearsons Engineering Location: Blaize Farm, Blisworth Road, Roade, Northampton, NN7 2LN Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	C3NW (SW)	207	-	474354 252098
19	**Points of Interest - Commercial Services** Name: Homech Auto Services Location: 26 Bailey Brooks Lane, Roade, Northampton, NN7 2PT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	C4NW (SE)	47	6	475249 252150
19	**Points of Interest - Commercial Services** Name: Homech Auto Services Location: 26 Bailey Brooks Lane, Roade, Northampton, NN7 2PT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	C4NW (SE)	47	6	475249 252150
20	**Points of Interest - Commercial Services** Name: Paint Tec Location: Unit 7 Plainwood Business Centre, Blisworth Road, Roade, NN7 2LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	C3SW (SW)	85	6	474409 251911
20	**Points of Interest - Commercial Services** Name: Paintec Location: Blisworth Road, Roade, Northampton, NN7 2LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	C3SW (SW)	86	6	474436 251980
21	**Points of Interest - Commercial Services** Name: Paintec Car Body Repairs Location: Plainwood House, Blisworth Road, Roade, Northampton, NN7 2LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	C3SW (SW)	103	6	474387 251903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**Points of Interest - Commercial Services** Name: Pearsons Engineering Location: Blaize Farm, Blisworth Road, Roade, Northampton, NN7 2LN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	C3NW (SW)	209	6	474353 252101
23	**Points of Interest - Public Infrastructure** Name: Rubbish 2 Go Location: Ash Brook 28, Bailey Brooks Lane, Roade, Northampton, NN7 2PT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	C4NW (SE)	25	6	475236 252168

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	C7NE (N)	0	8	474801 252800
25	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	C7SE (E)	0	8	474757 252548
26	**Sites of Special Scientific Interest** Name: Roade Cutting Multiple Areas: N Total Area (m2): 151713.42 Source: Natural England Reference: 1002811 Designation Details: Geological Conservation Review Designation Date: 1st September 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st September 1986 Date Type: Notified	C7SE (NE)	0	7	474899 252619

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Northamptonshire Council - Environment Division	August 2013	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	February 2013	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2016	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	February 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2016	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	April 2016	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	April 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	May 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Local Authority Landfill Coverage		
Northampton Borough Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Northampton Borough Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Northampton Borough Council - Planning Department	February 2016	Annual Rolling Update
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	November 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
Northampton Borough Council - Planning Department	February 2016	Annual Rolling Update
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	May 2013	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**South Northamptonshire Council - Environmental Health Department** Springfields, Towcester, Northamptonshire, NN12 6AE	Telephone: 0845 2300226 Fax: 01327 359219 Website: www.southnorthants.gov.uk
5	**Northamptonshire County Council** County Hall, Northampton, Northamptonshire, NN1 1DN	Telephone: 0300 126 1000 Website: www.northamptonshire.gov.uk
6	**PointX** 7 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
8	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	ODT	Oadby Member	Diamicton	Anglian - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	CB	Cornbrash Formation	Limestone	Callovian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Aalenian - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
	MRB	Marlstone Rock Formation	Limestone, Ferruginous	Toarcian - Pliensbachian
	DYS	Dyrham Formation	Siltstone and Mudstone, Interbedded	Pliensbachian - Pliensbachian
		Faults		

Envirocheck® Geology

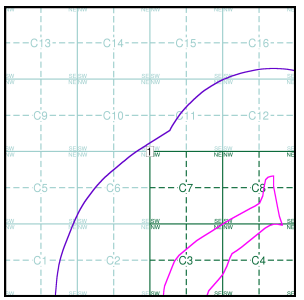
Geology 1:50,000 Maps

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

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**202**
Map Name:	**Towcester**
Map Date:	**1969**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice C

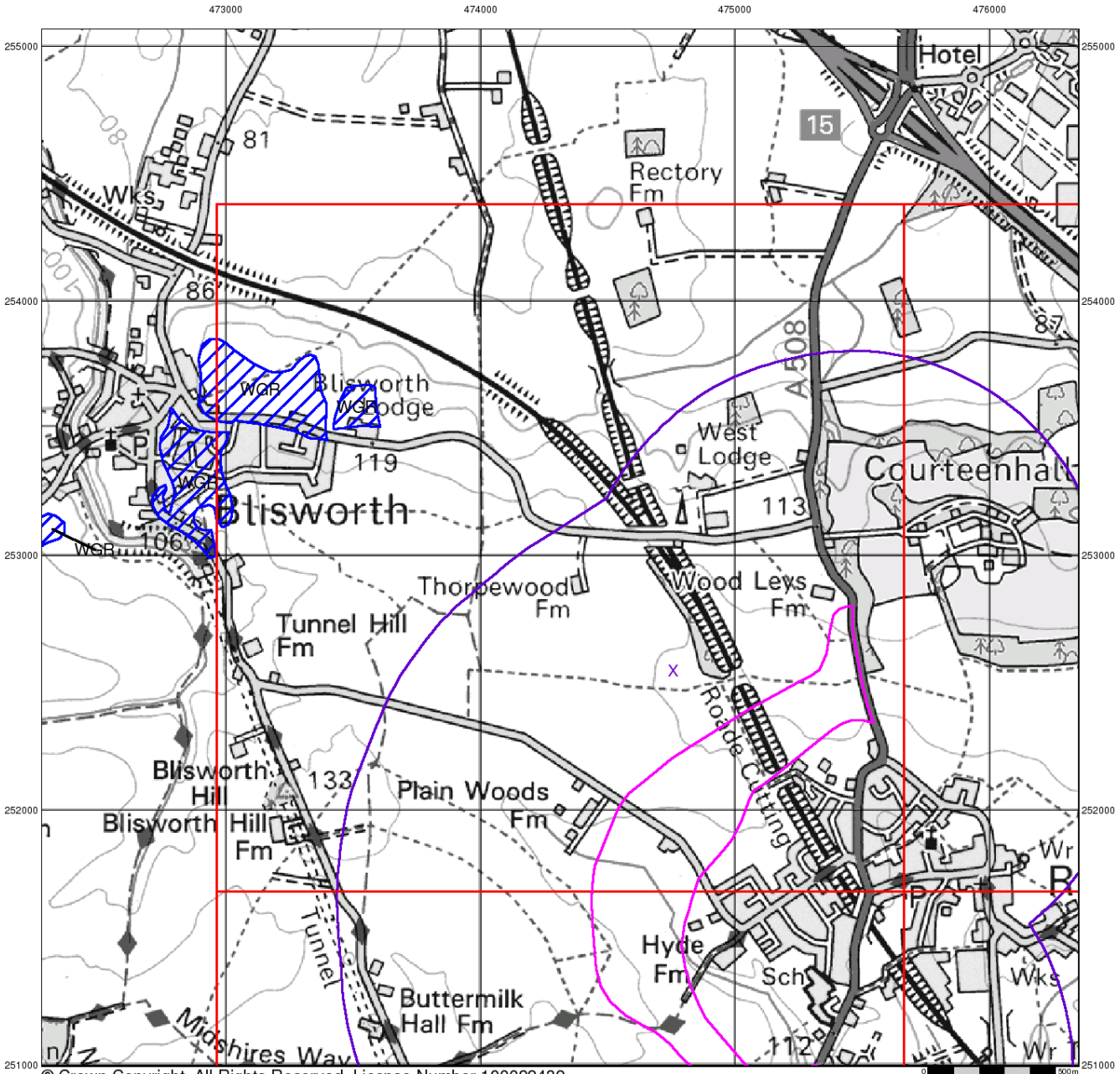


Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS



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Envirocheck® Geology

Artificial Ground and Landslip

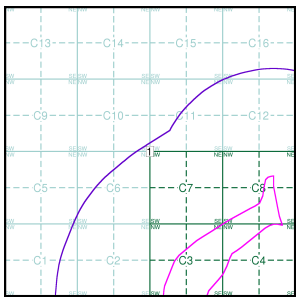
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice C



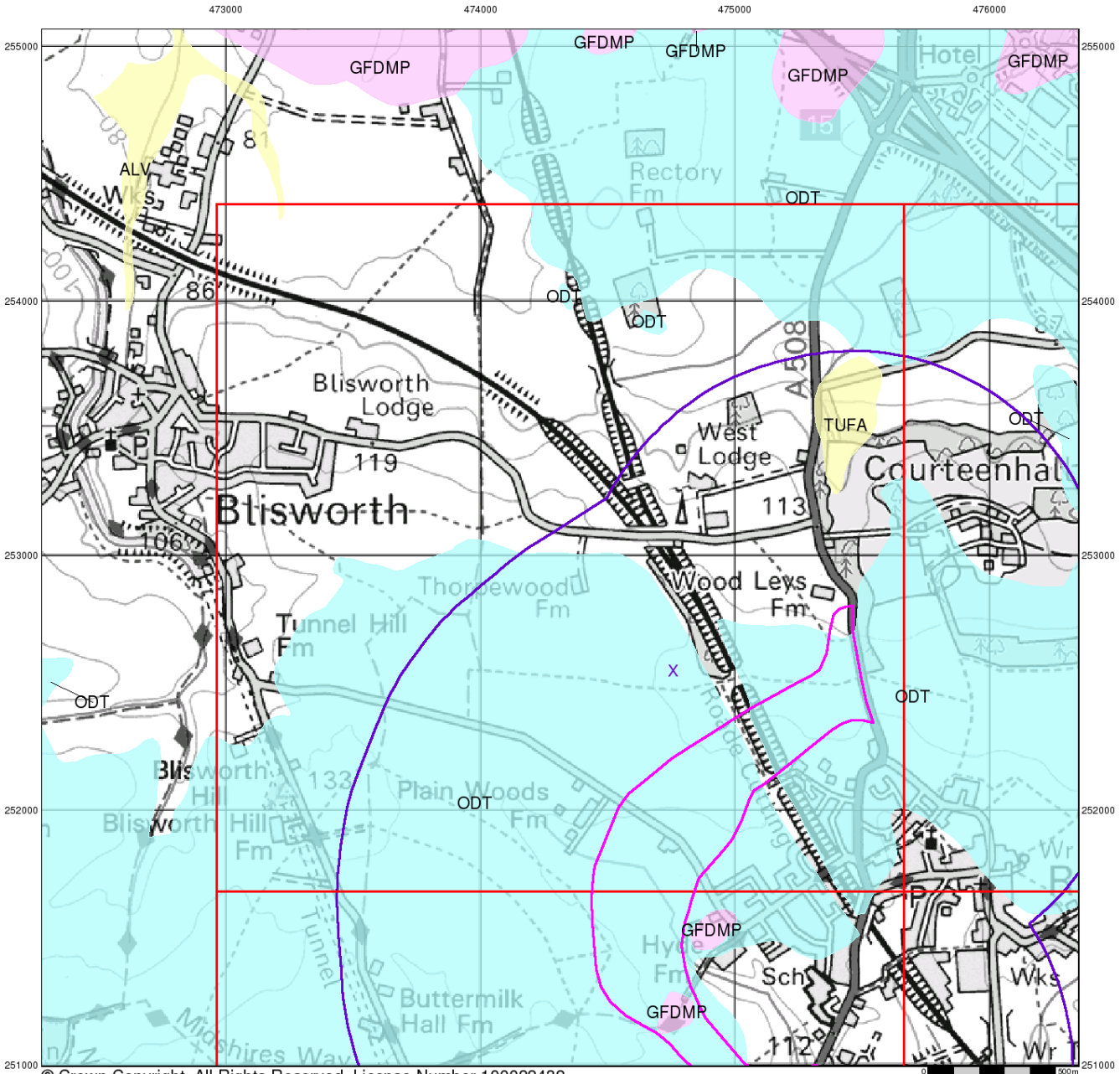
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

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Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Envirocheck® Geology

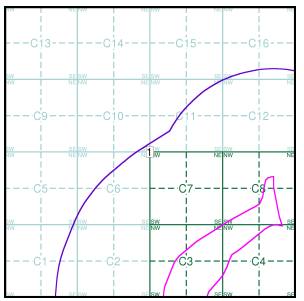
Superficial Geology

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

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

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

Superficial Geology Map - Slice C



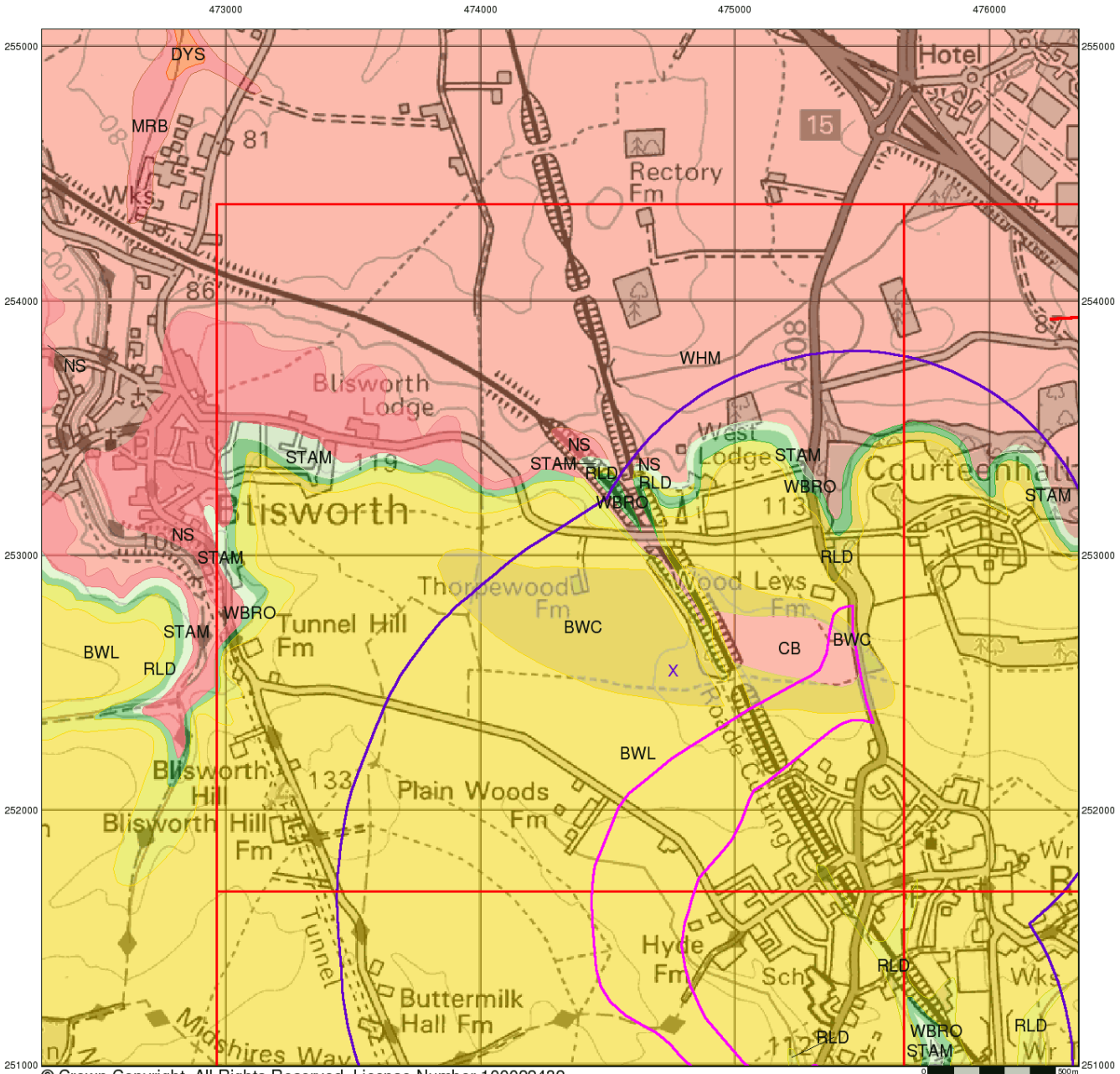
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Envirocheck® Geology

Bedrock and Faults

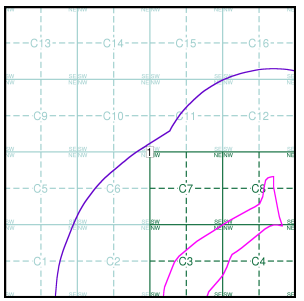
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice C



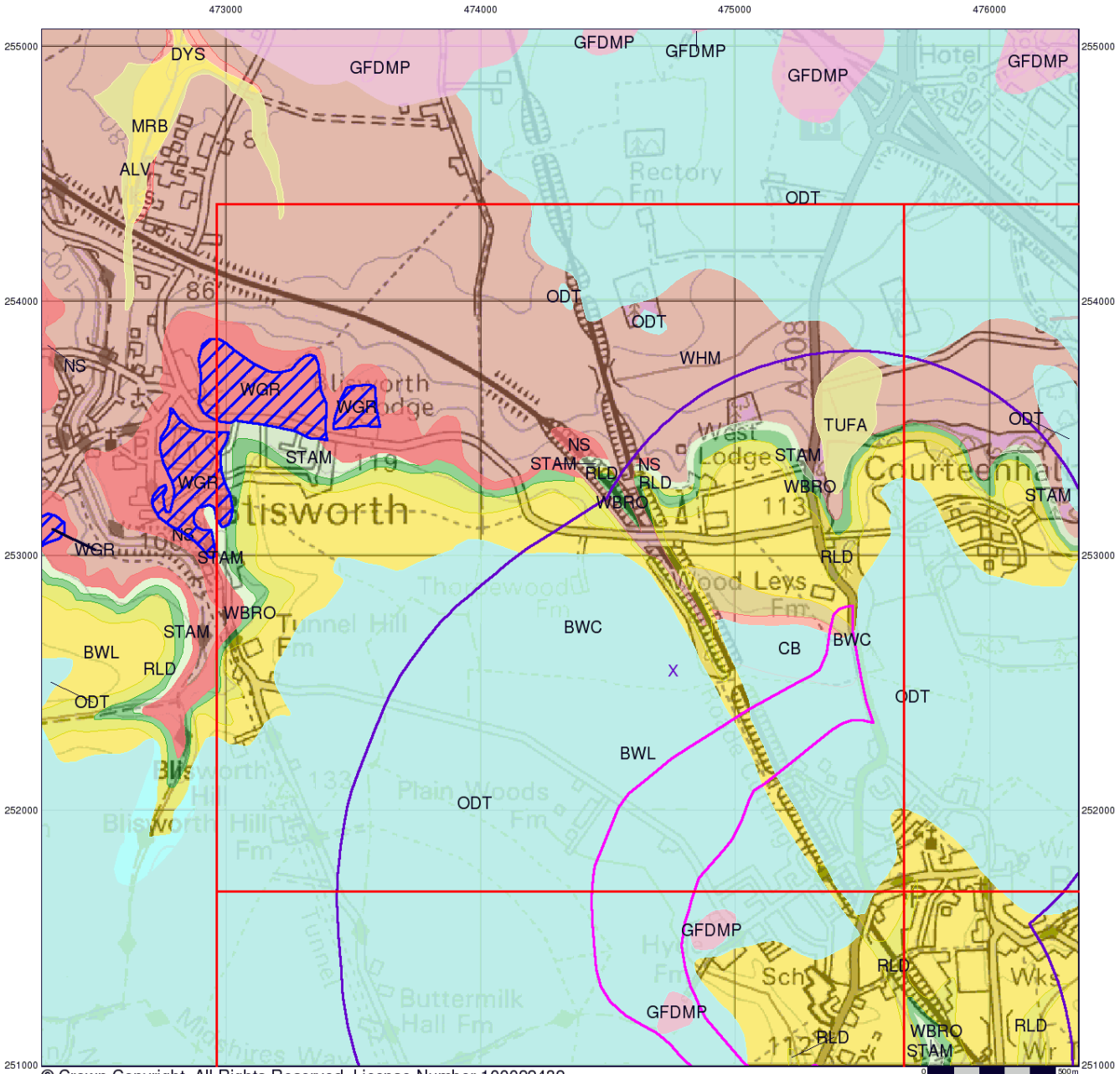
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Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Envirocheck® Geology

Combined Surface Geology

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

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

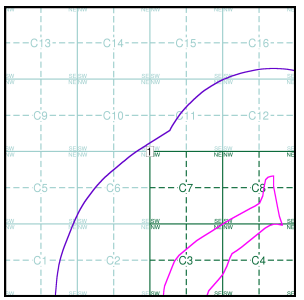
Additional Information

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

Contact

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

Combined Geology Map - Slice C



Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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

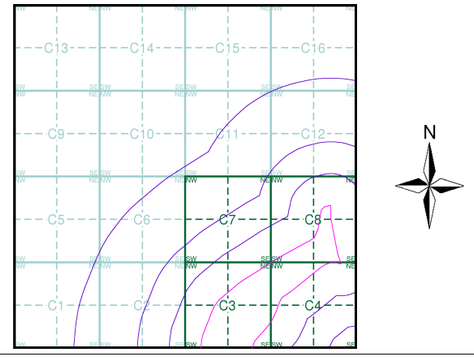
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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
Northamptonshire	1:10,560	1884	2
Buckinghamshire	1:10,560	1885	3
Northamptonshire	1:10,560	1900	4
Northamptonshire	1:10,560	1900	5
Historical Aerial Photography	1:10,560	1949	6
Northamptonshire	1:10,560	1952	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1968	9
Ordnance Survey Plan	1:10,000	1982	10
Ordnance Survey Plan	1:10,000	1990	11
Ordnance Survey Plan	1:10,000	1993	12
10K Raster Mapping	1:10,000	1999	13
Historical Aerial Photography	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2016	16

Historical Map - Slice C



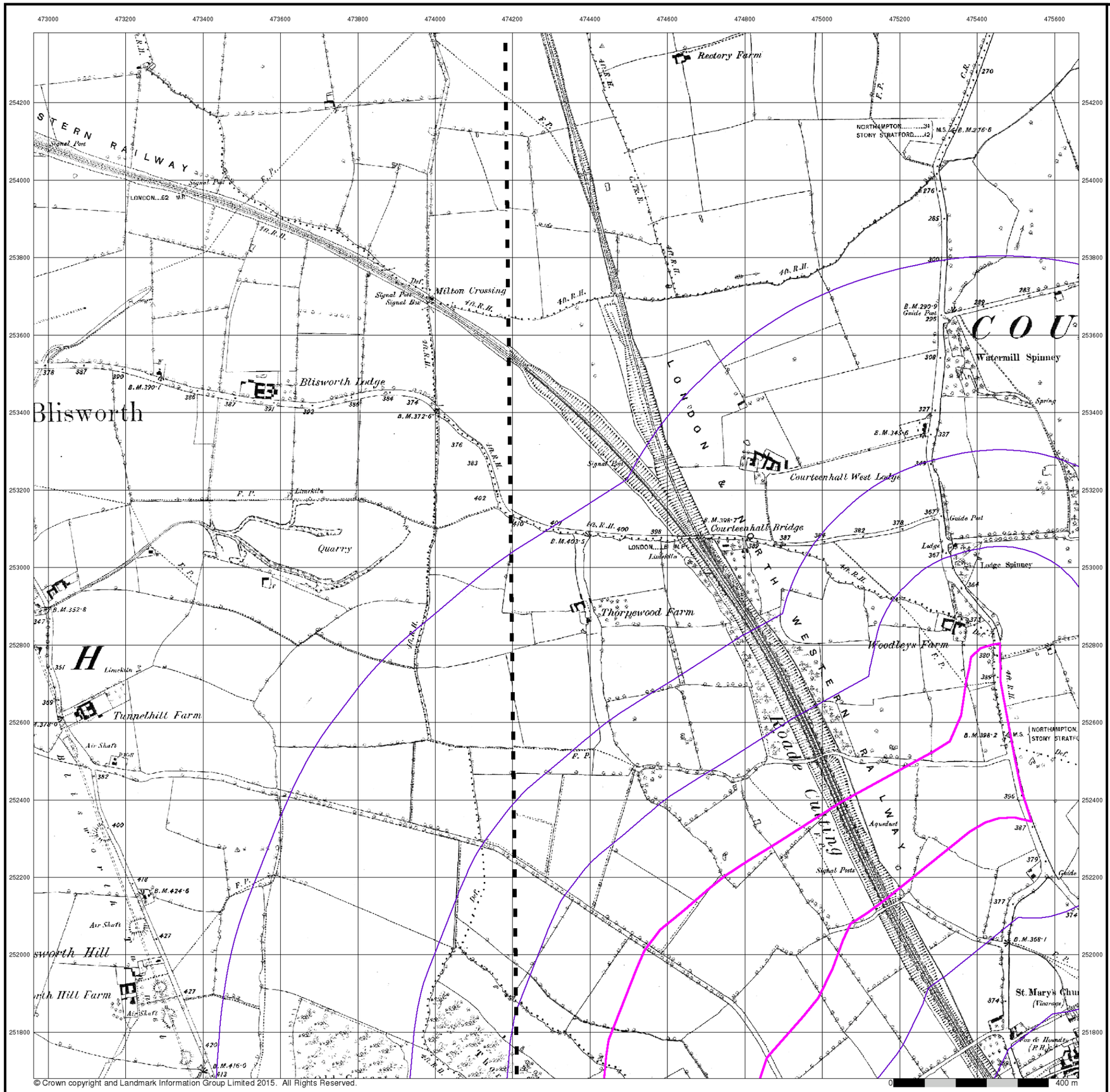
Order Details

Order Number: 90638346_1_1
Customer Ref: 313418
National Grid Reference: 474760, 252550
Slice: C
Site Area (Ha): 72.92
Search Buffer (m): 1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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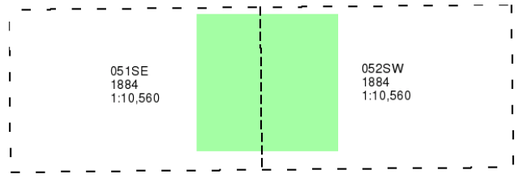
Northamptonshire

Published 1884

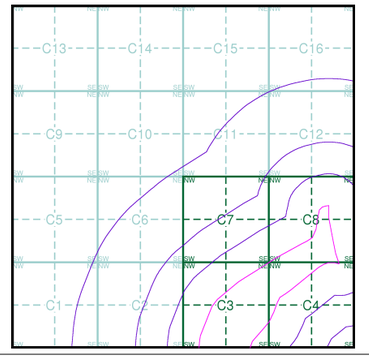
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

Order Number:	90638346_1_1
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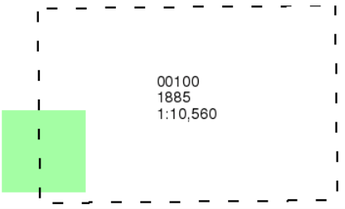
Buckinghamshire

Published 1885

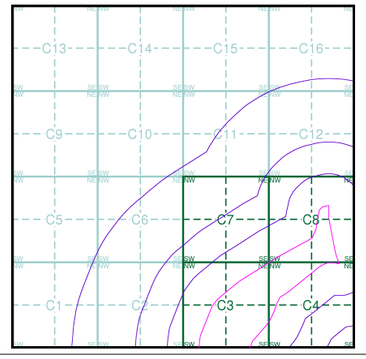
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Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

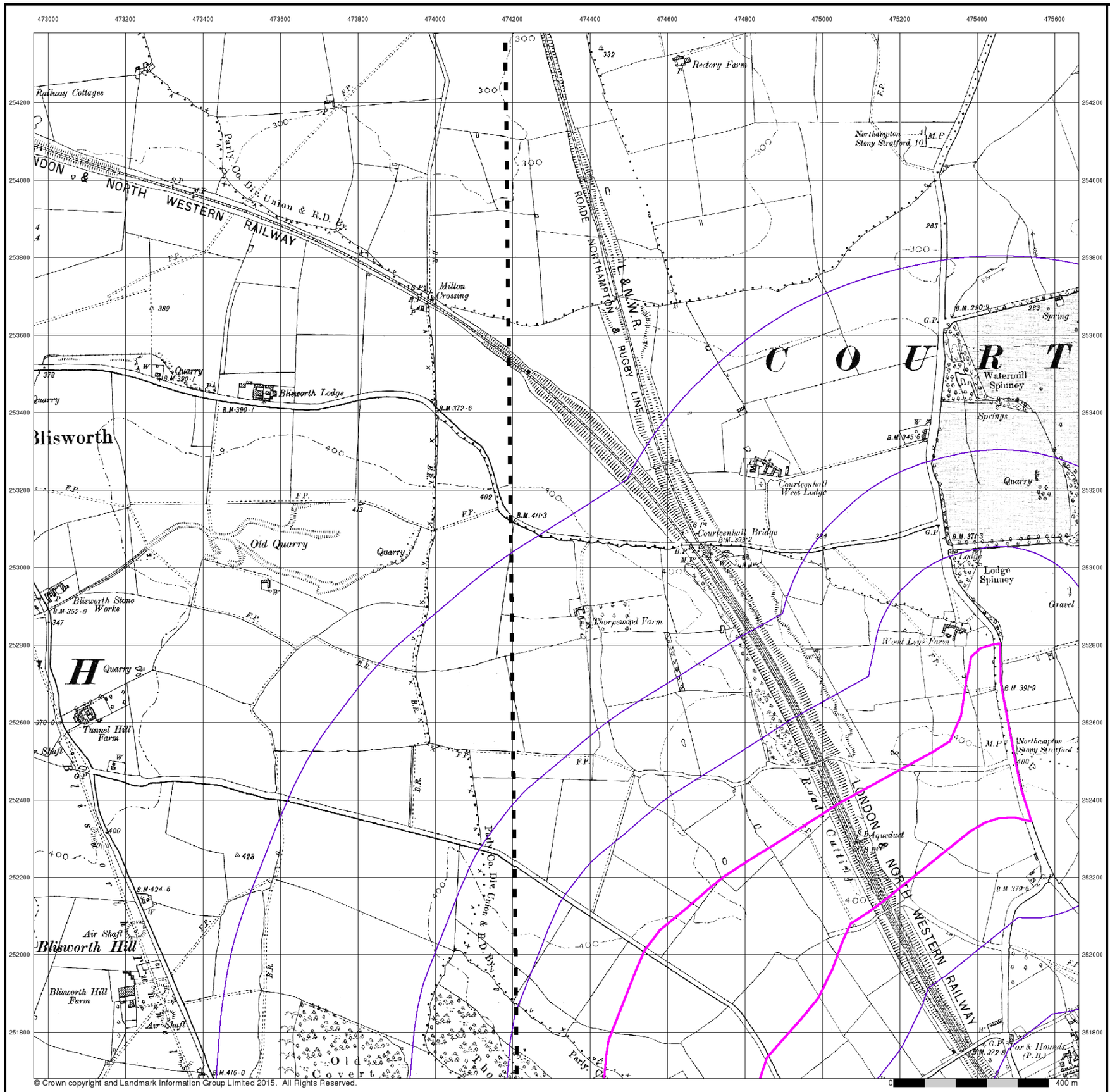
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Customer Ref:	313418
National Grid Reference:	474760, 252550
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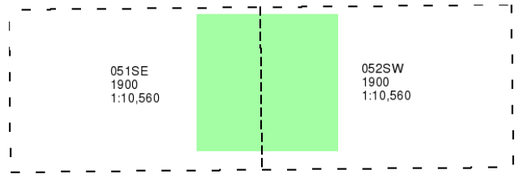
Northamptonshire

Published 1900

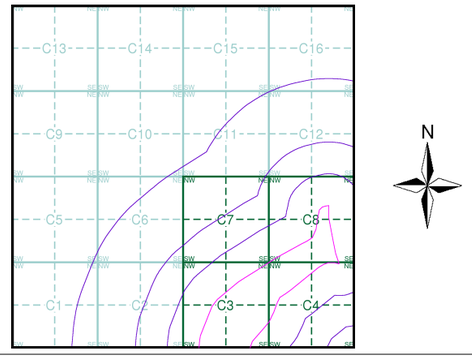
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice C



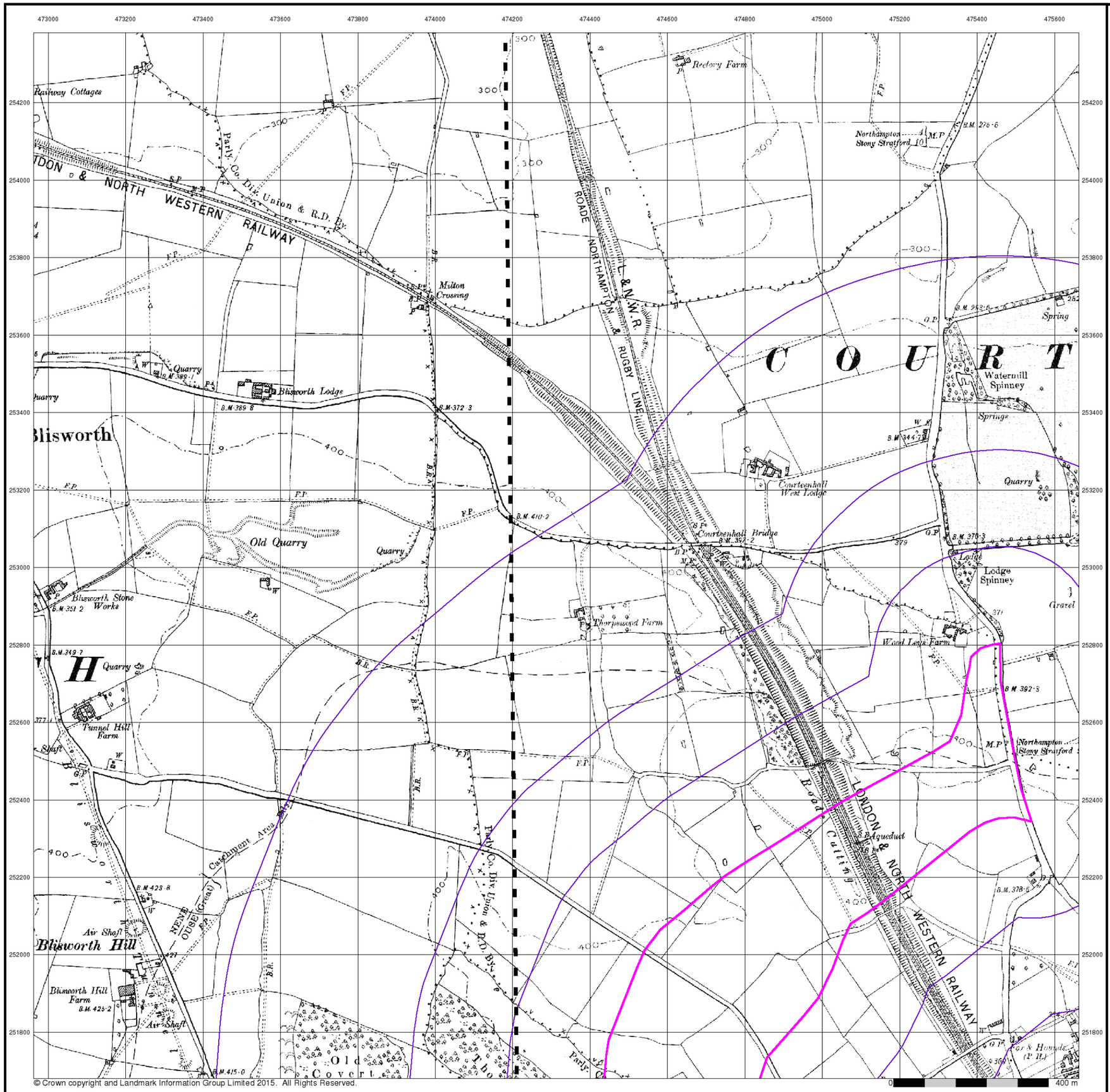
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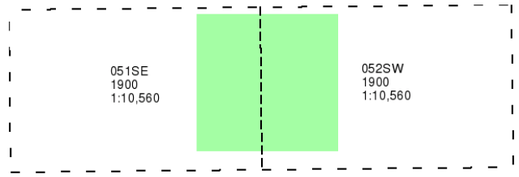
Northamptonshire

Published 1900

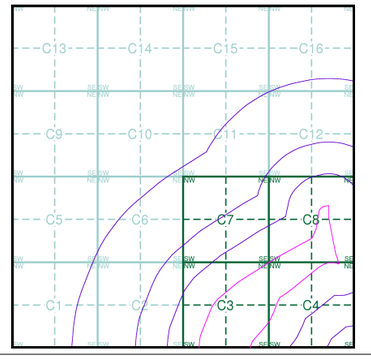
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice C



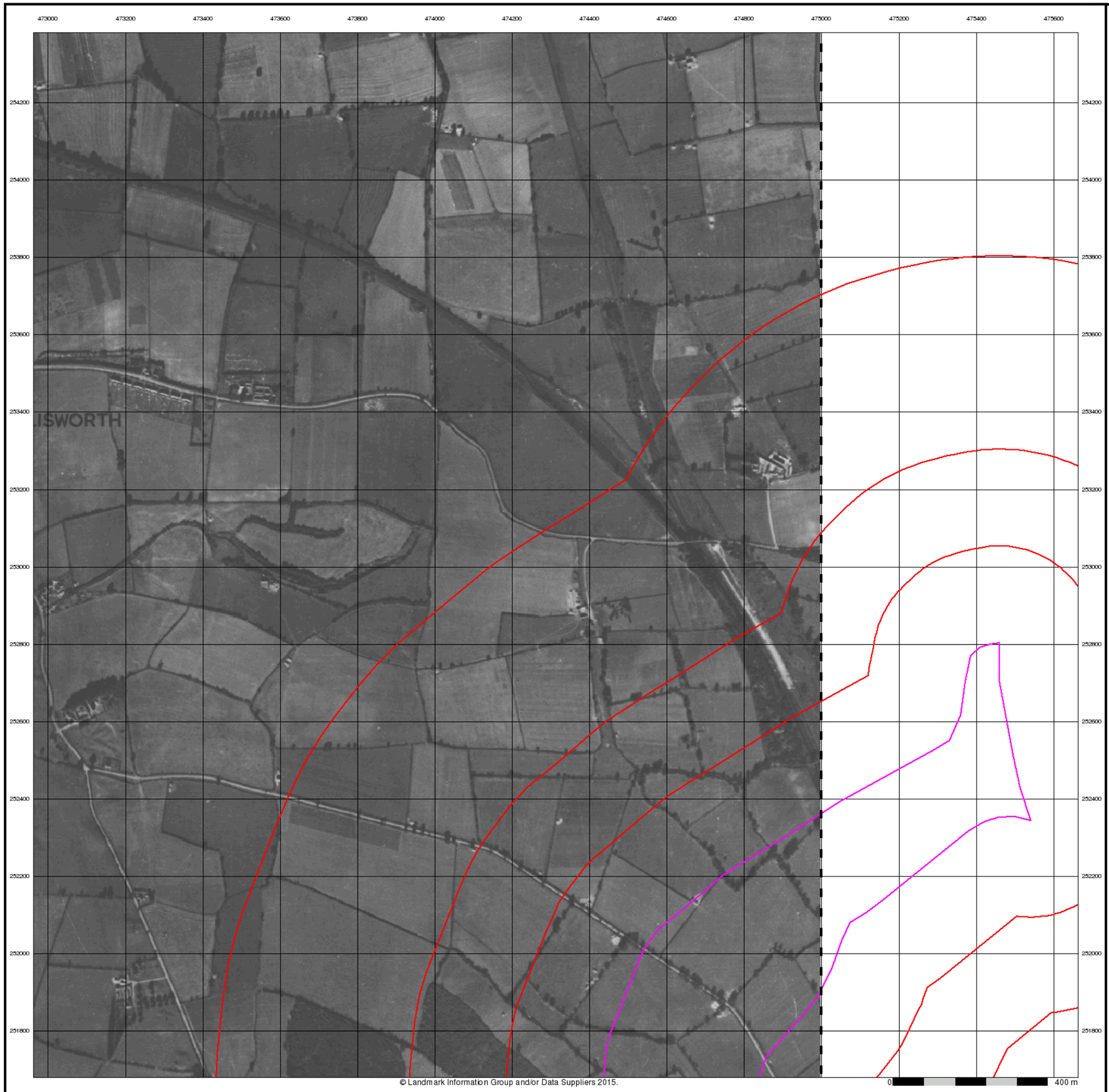
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Historical Aerial Photography

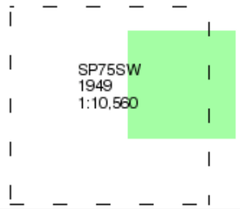
Published 1949

Source map scale - 1:10,560

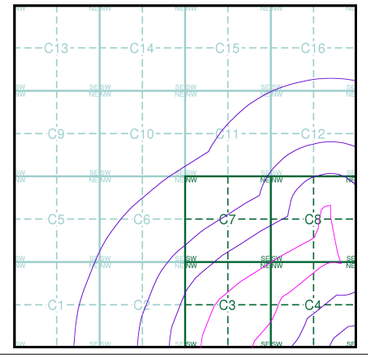
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice C



Order Details

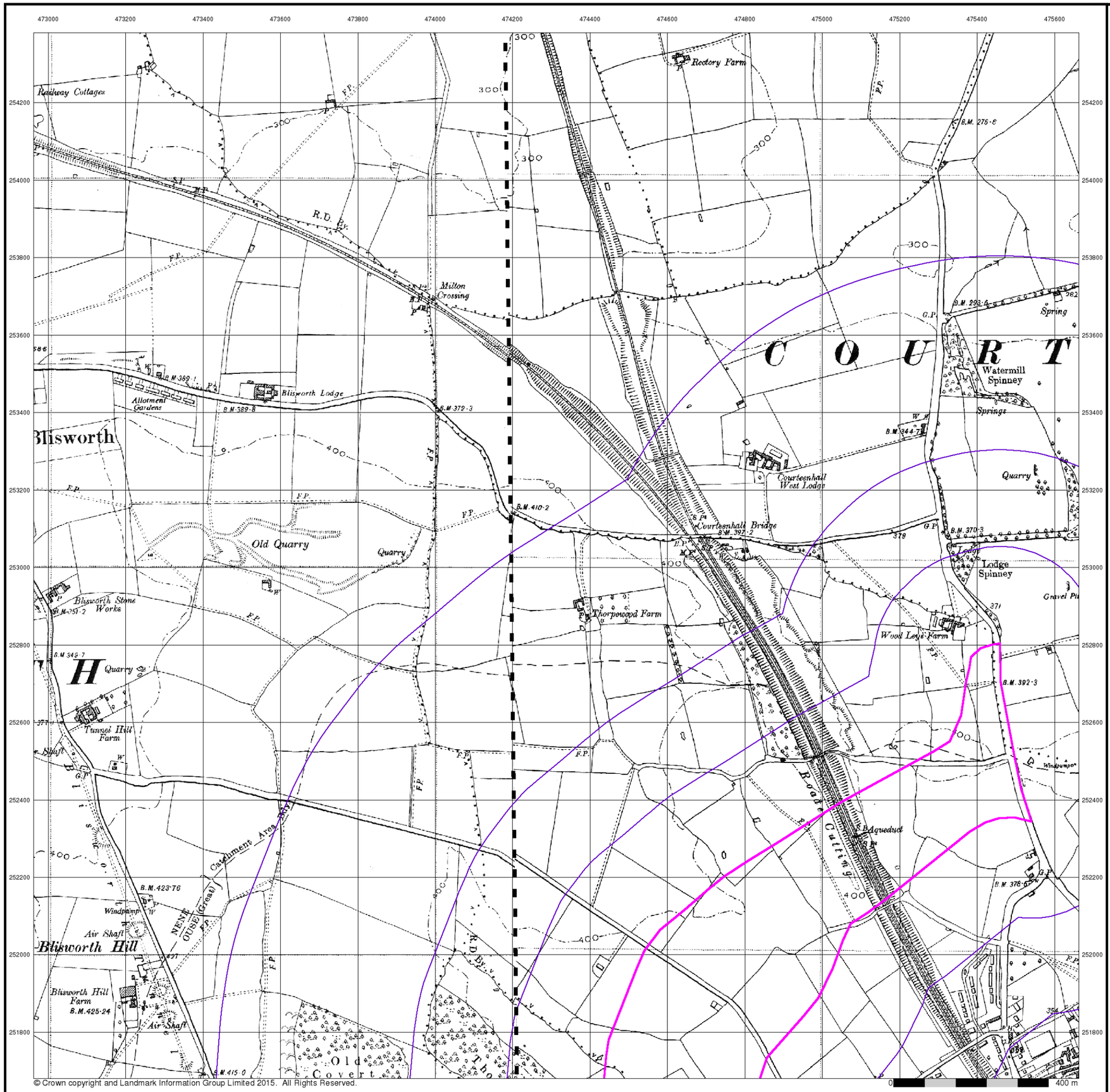
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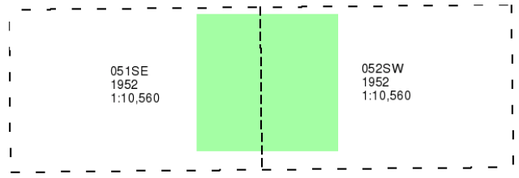
Northamptonshire

Published 1952

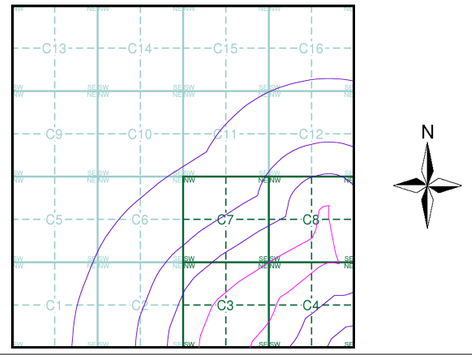
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice C



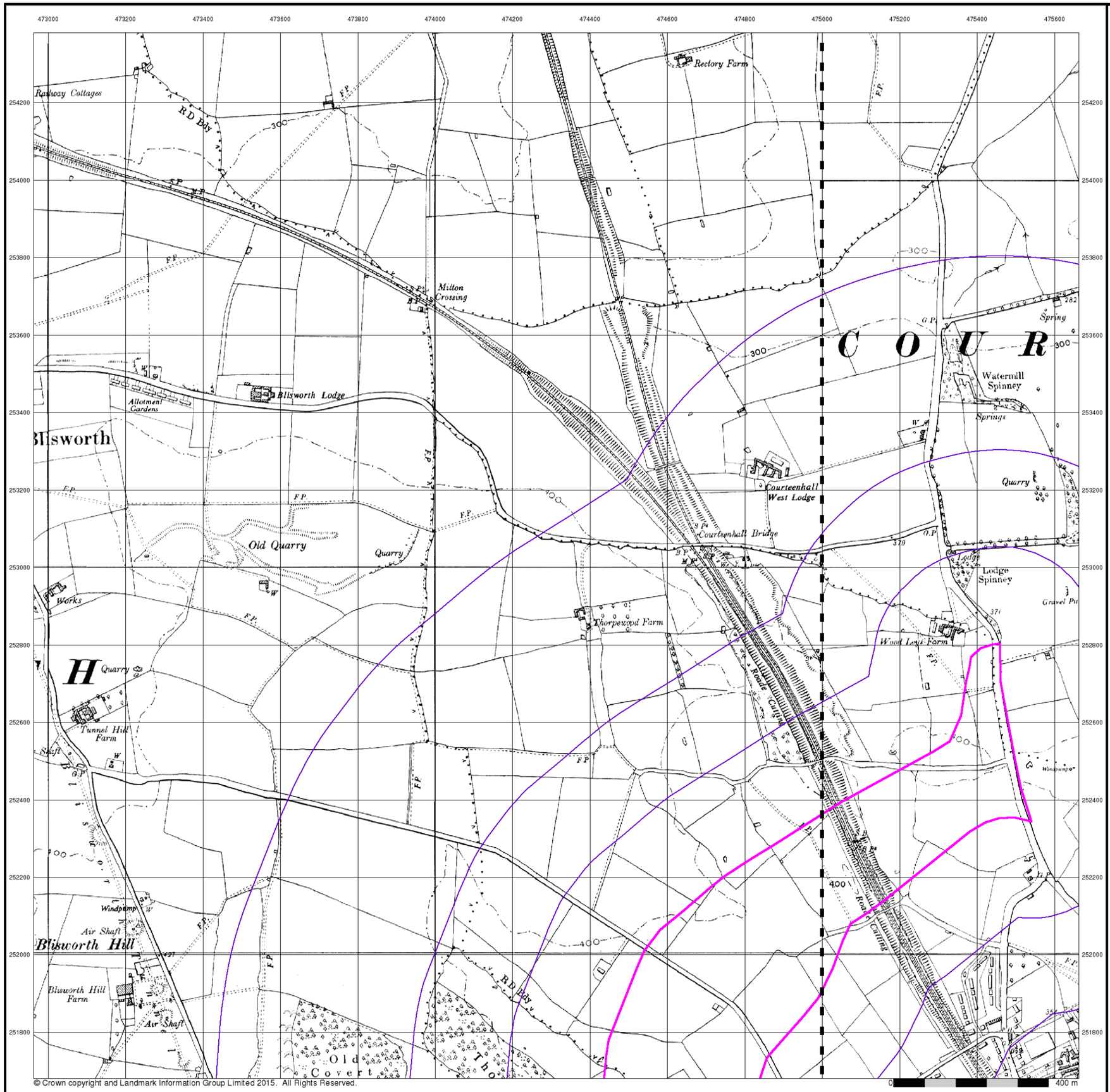
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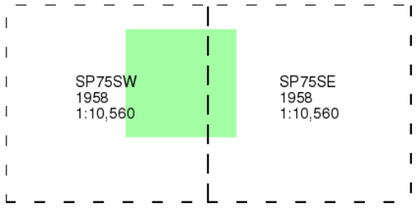
Ordnance Survey Plan

Published 1958

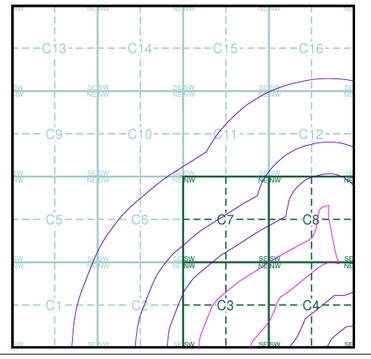
Source map scale - 1:10,000

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Historical Map - Slice C



Order Details

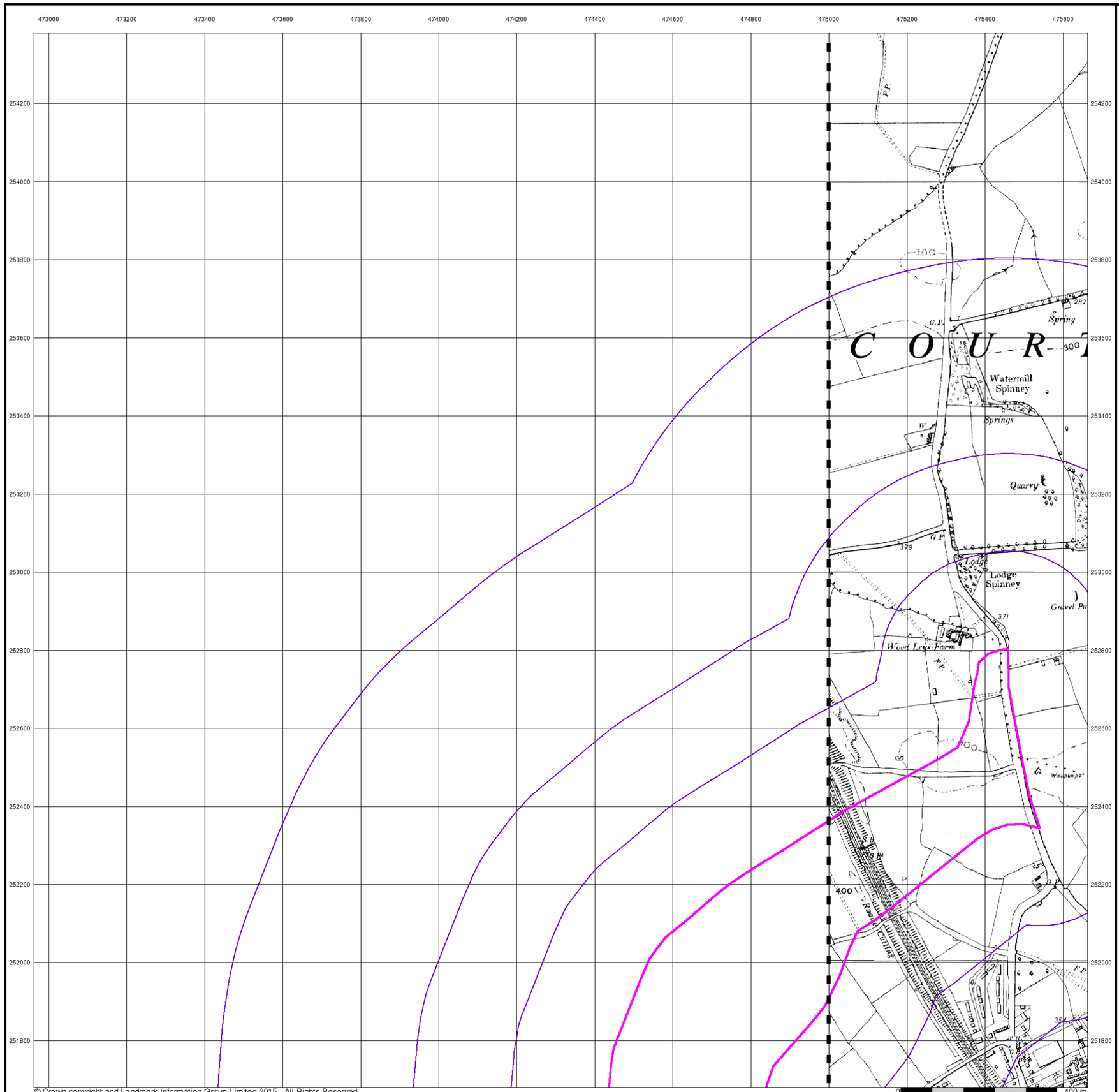
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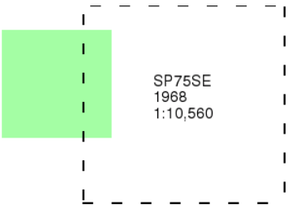
Ordnance Survey Plan

Published 1968

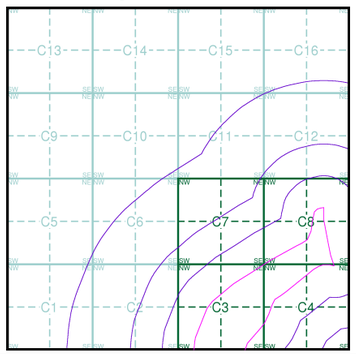
Source map scale - 1:10,000

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

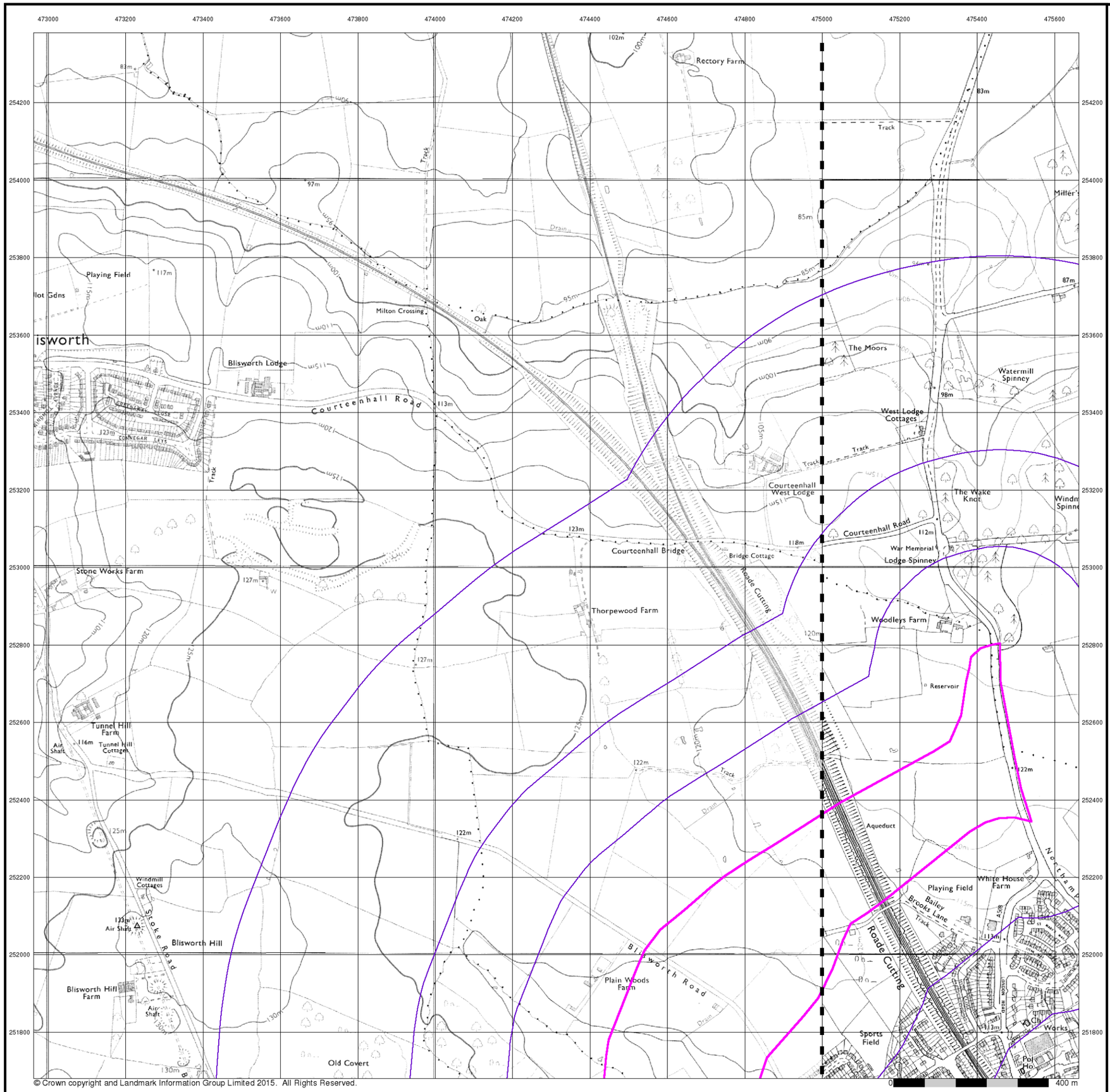
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Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

Tel: 0844 844 9952
Fax: 0844 844 9951
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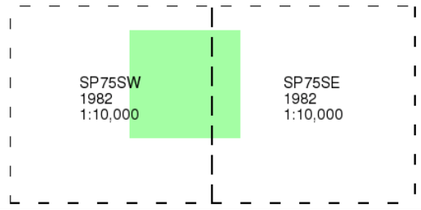
Ordnance Survey Plan

Published 1982

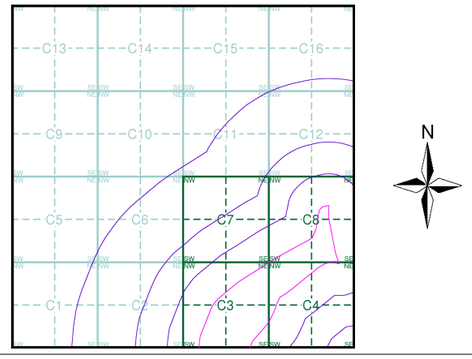
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Map Name(s) and Date(s)



Historical Map - Slice C



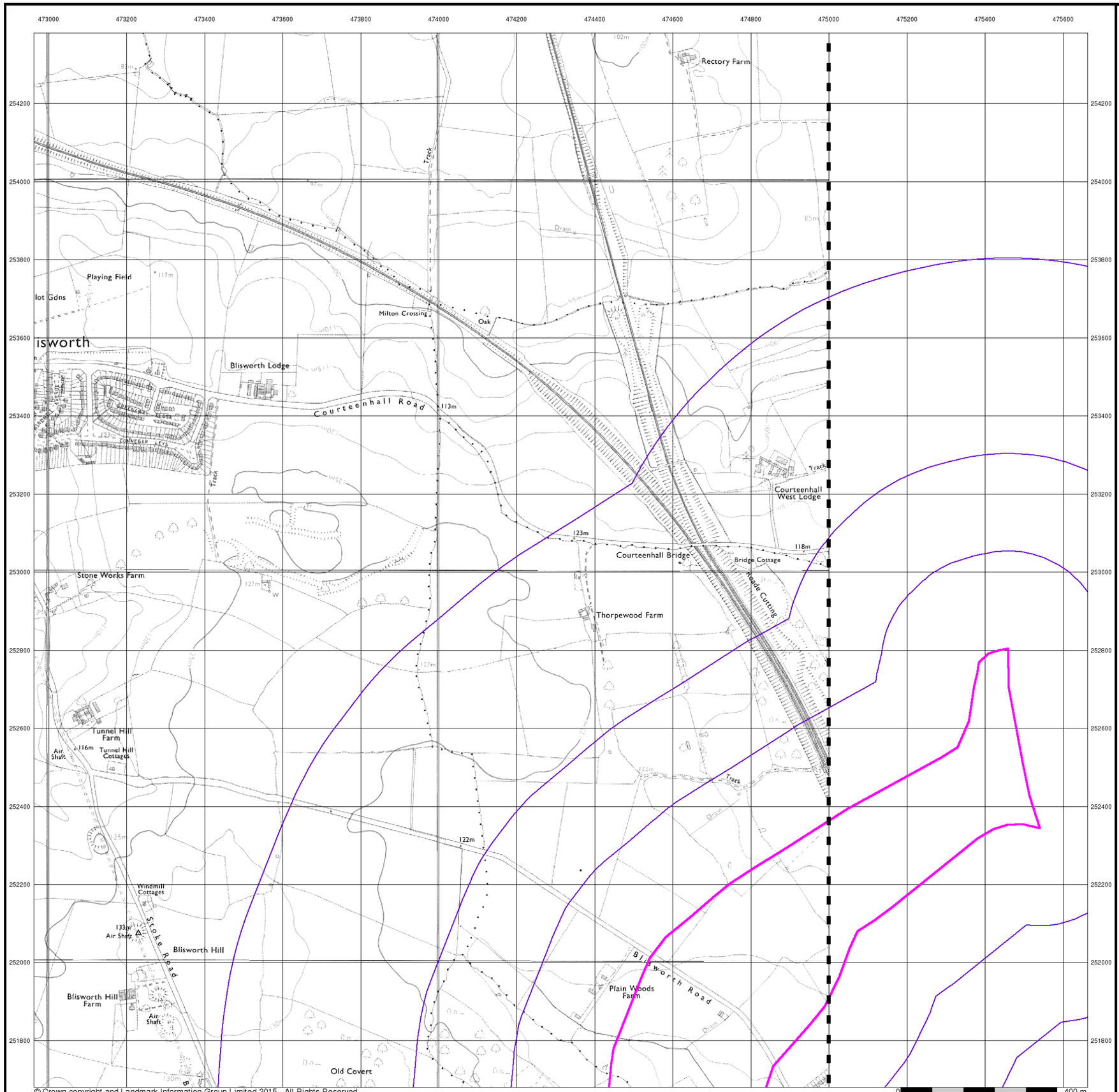
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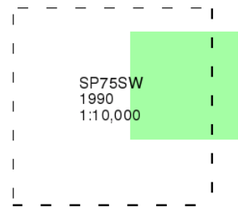
Ordnance Survey Plan

Published 1990

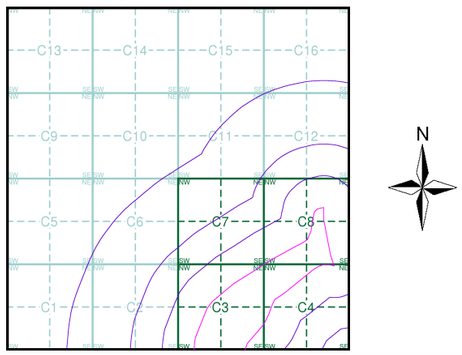
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

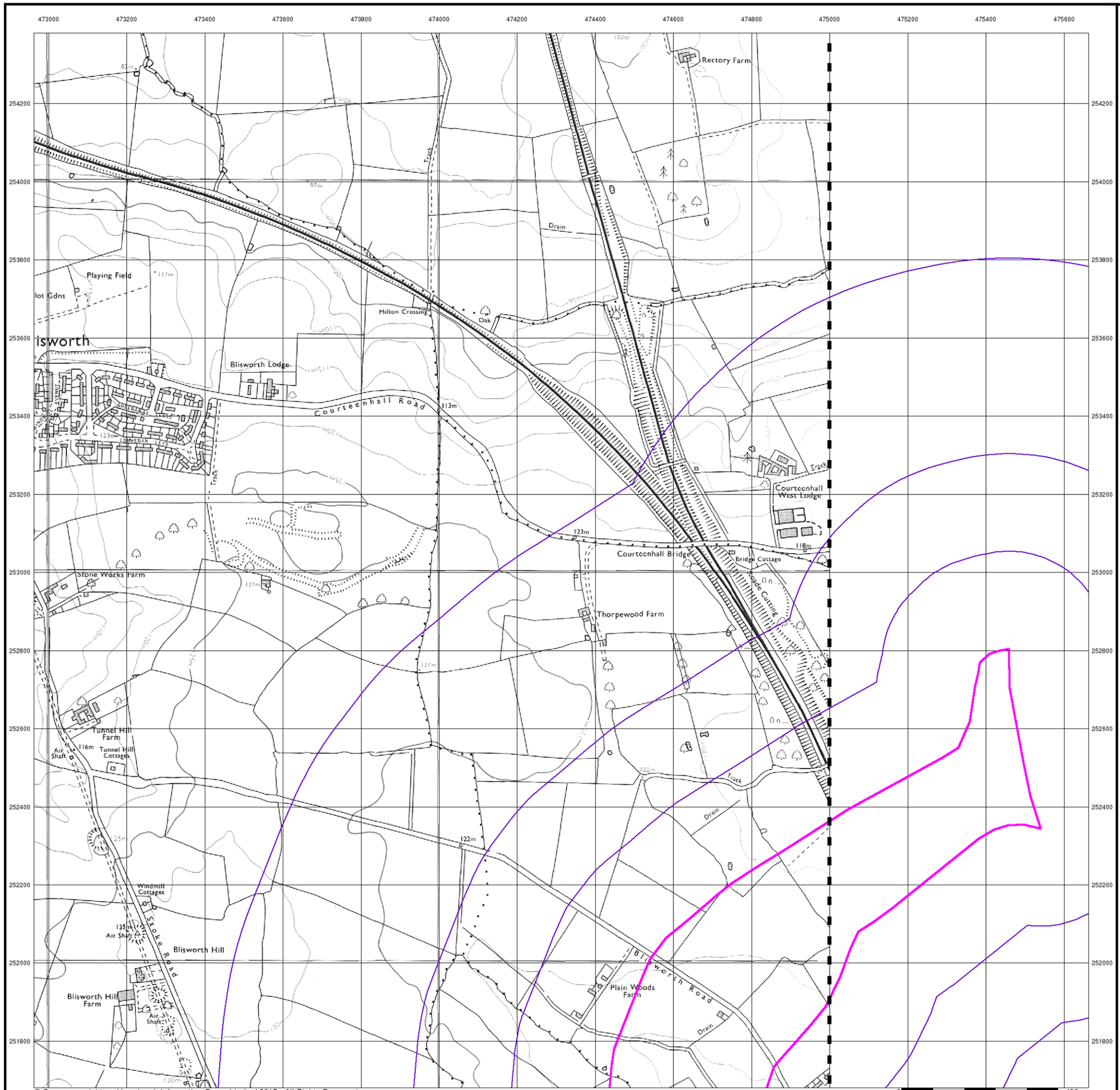
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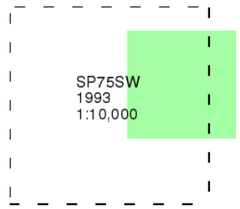
Ordnance Survey Plan

Published 1993

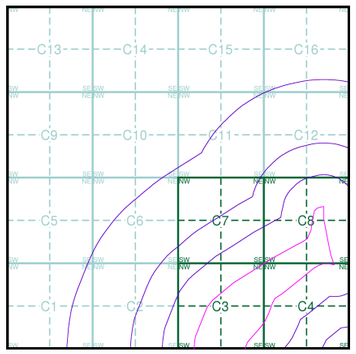
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

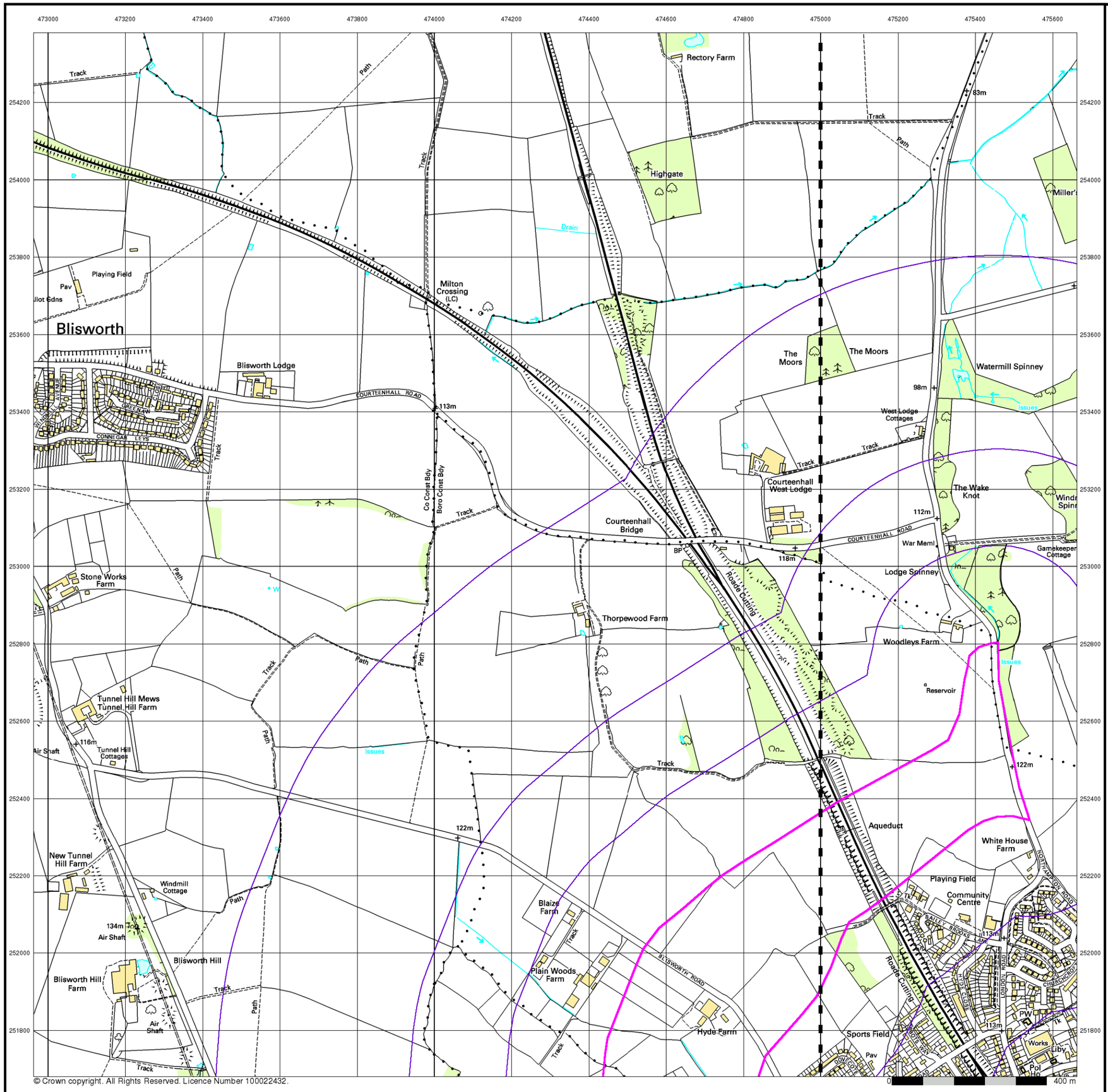
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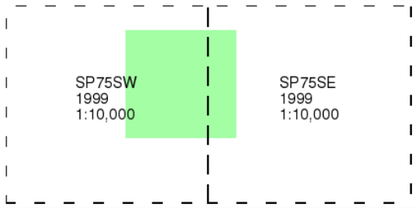
10k Raster Mapping

Published 1999

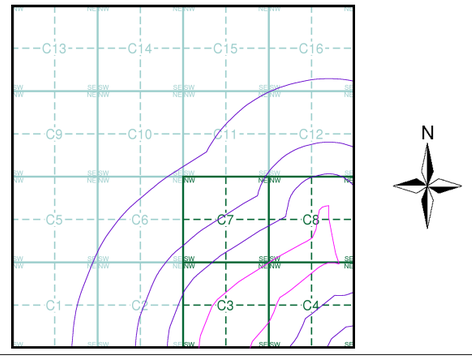
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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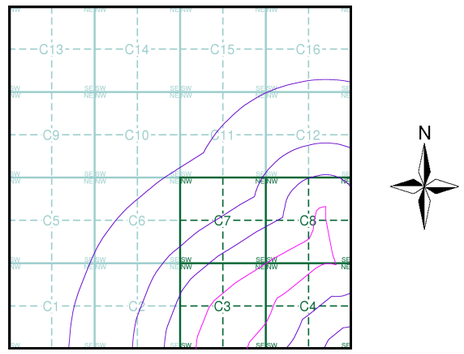
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Historical Aerial Photography

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 - Slice C



Order Details

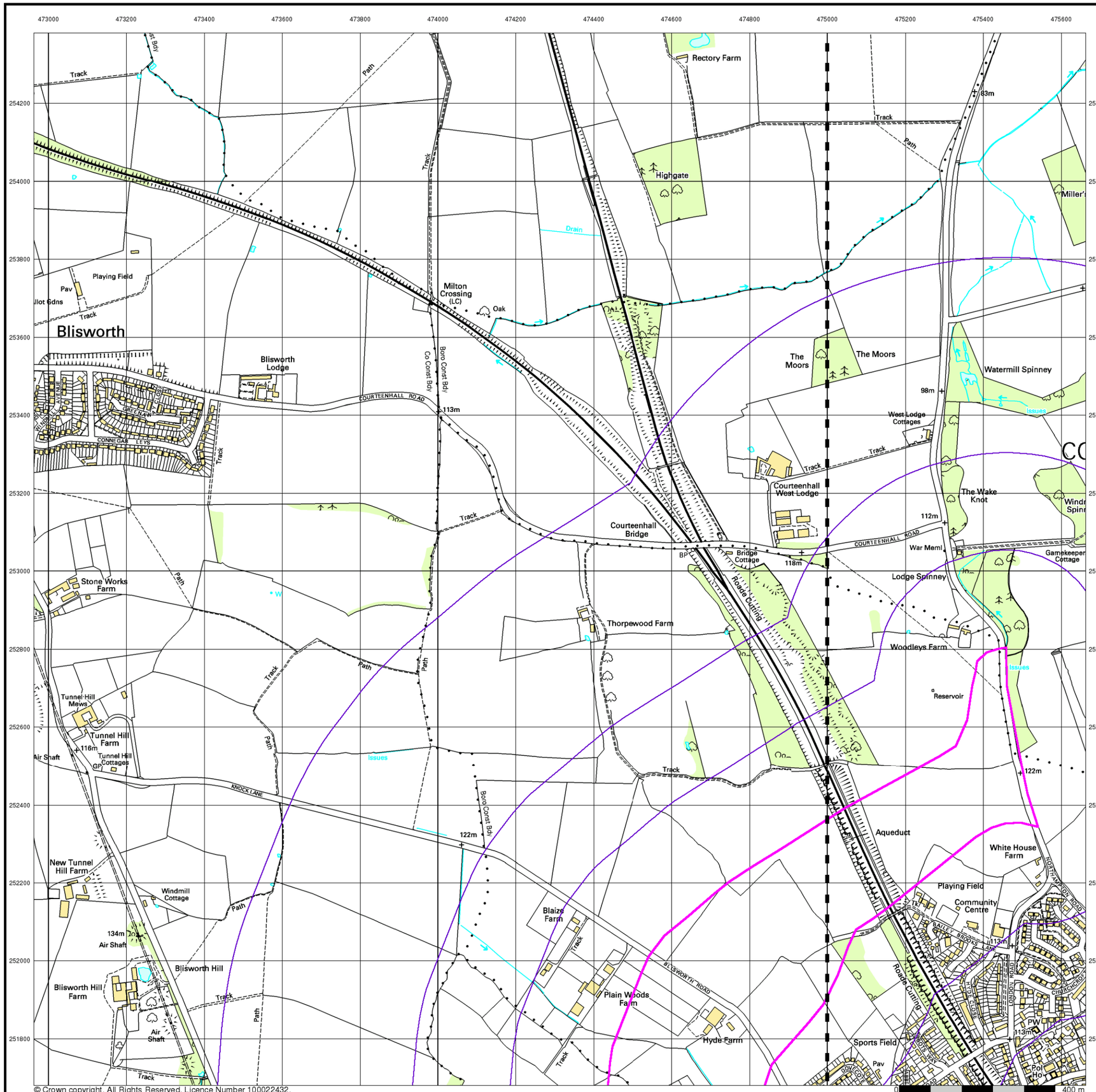
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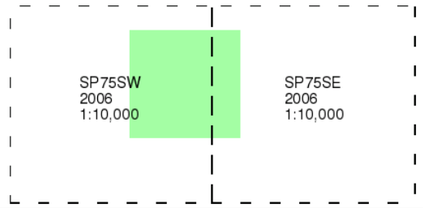
10k Raster Mapping

Published 2006

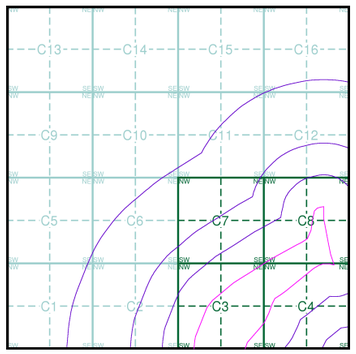
Source map scale - 1:10,000

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

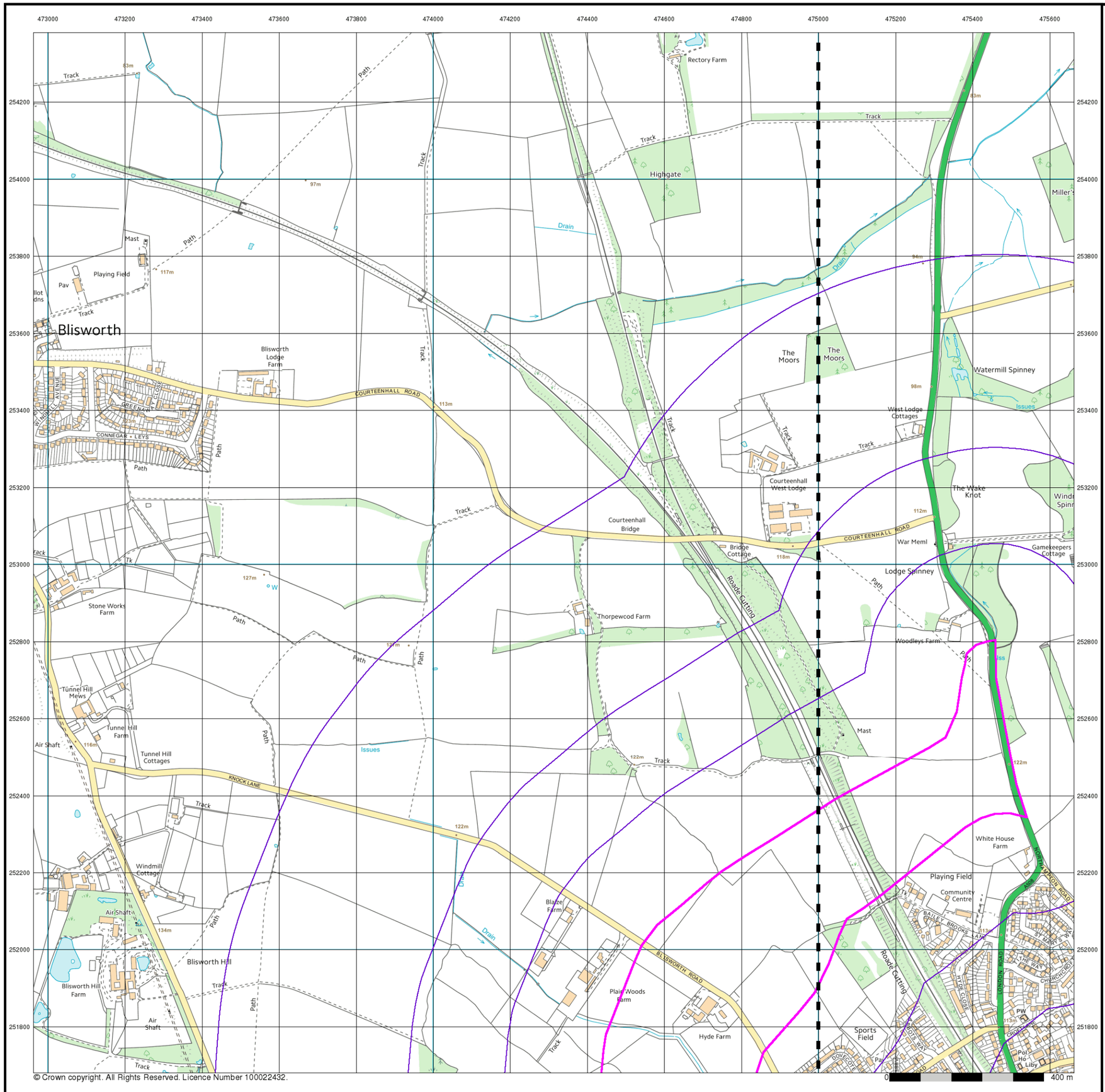
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0 400 m

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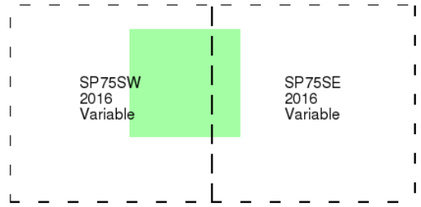
VectorMap Local

Published 2016

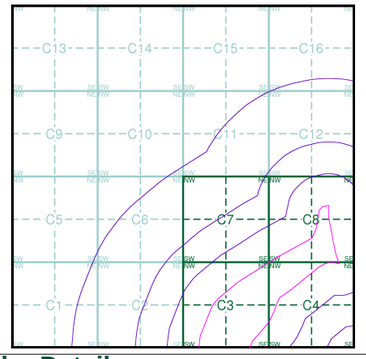
Source map scale - 1:10,000

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

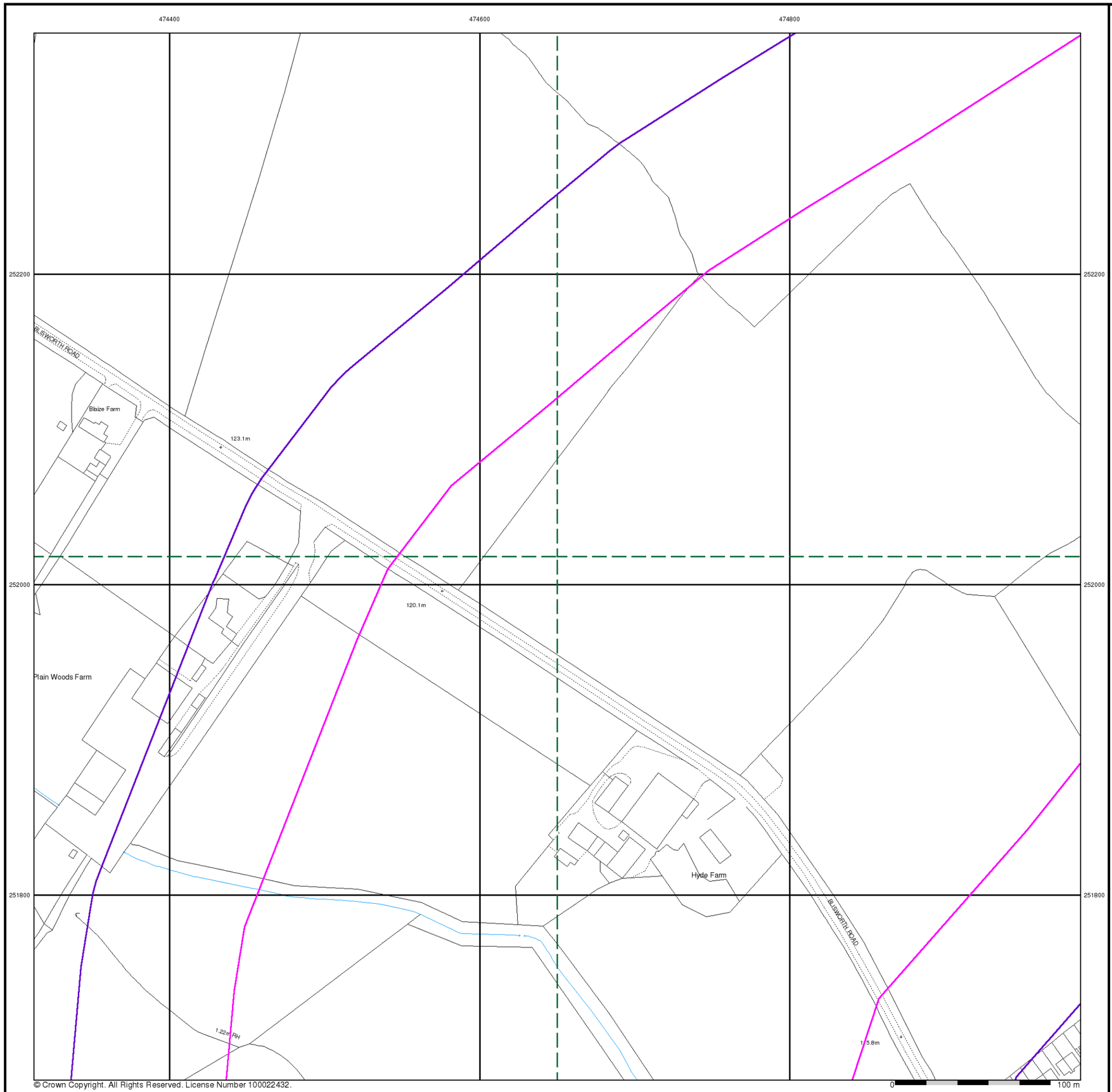
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General

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

Agency and Hydrological

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

Hazardous Substances

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

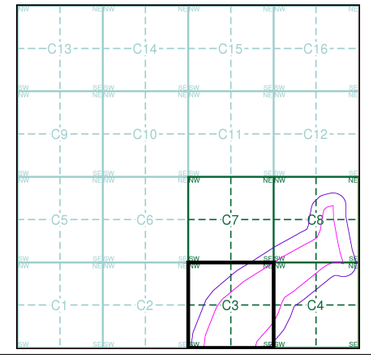
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment C3



Order Details

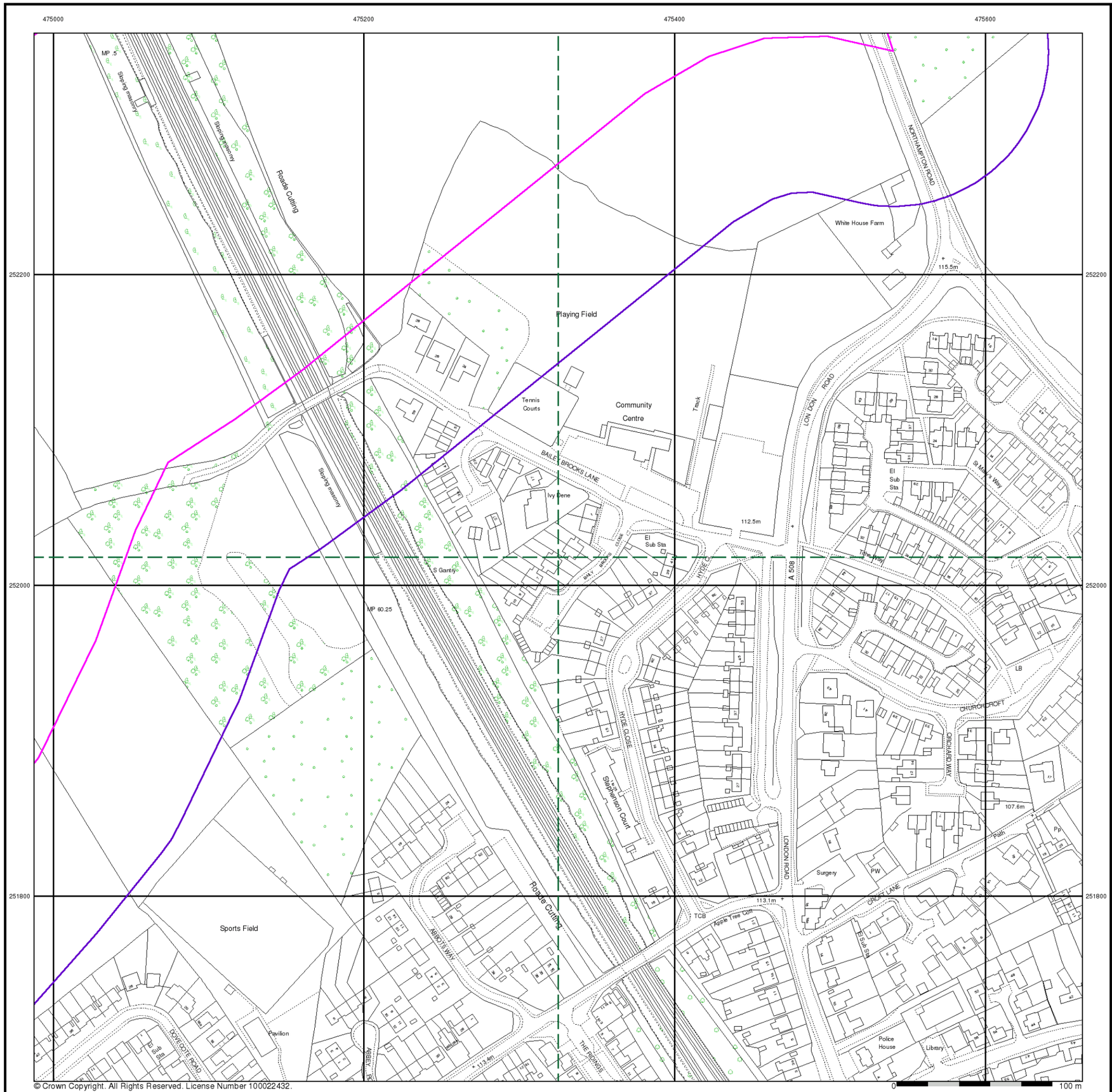
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Envirocheck®

General

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

Agency and Hydrological

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

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
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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

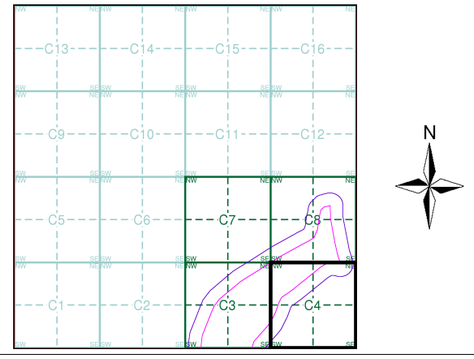
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment C4



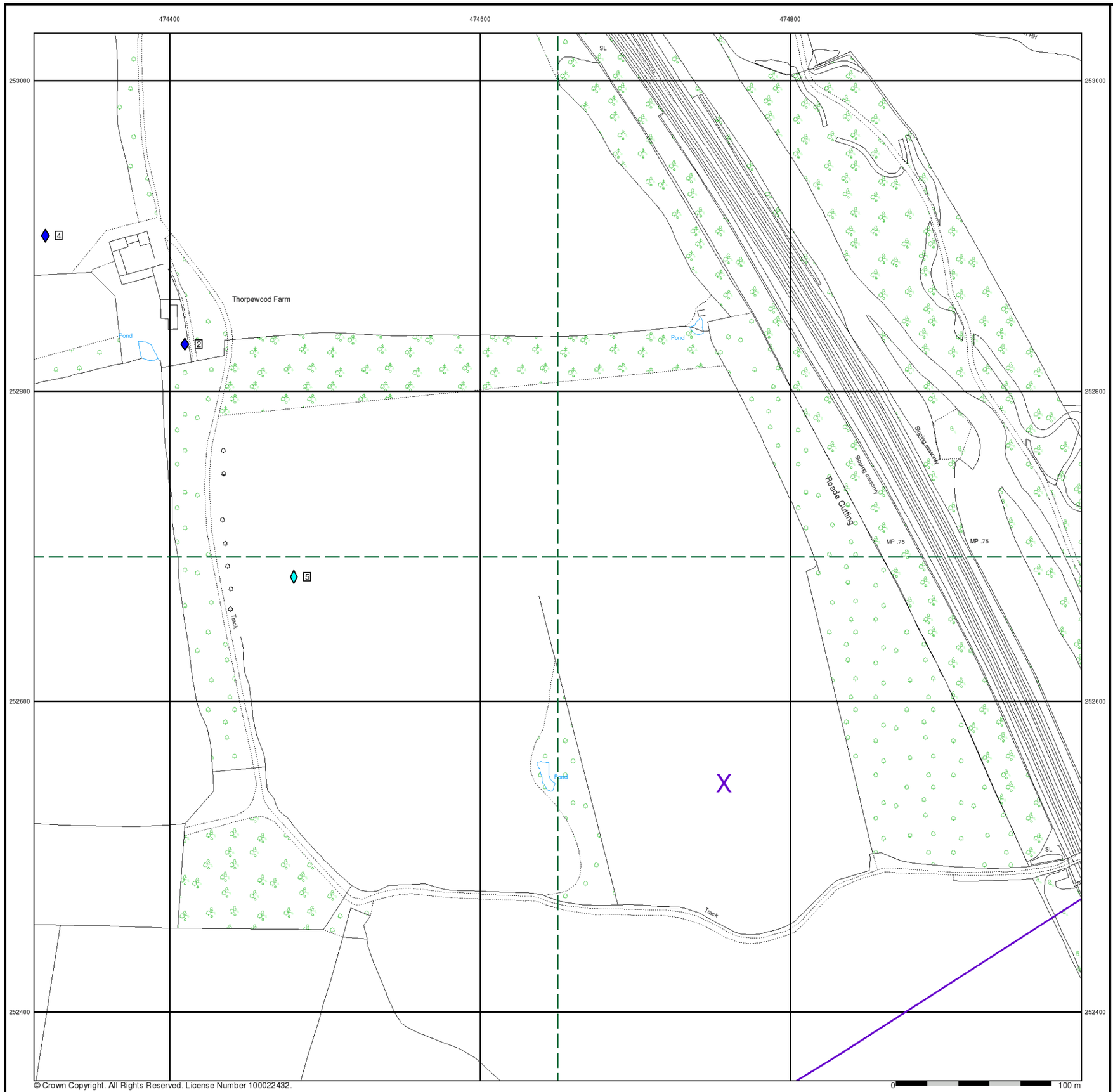
Order Details

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Slice:	C
Site Area (Ha):	72.92
Plot Buffer (m):	100

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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
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- Pollution Incident to Controlled Waters
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- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

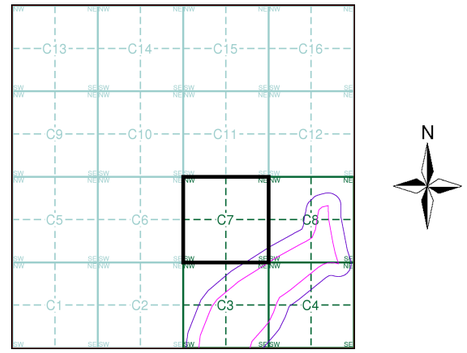
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment C7



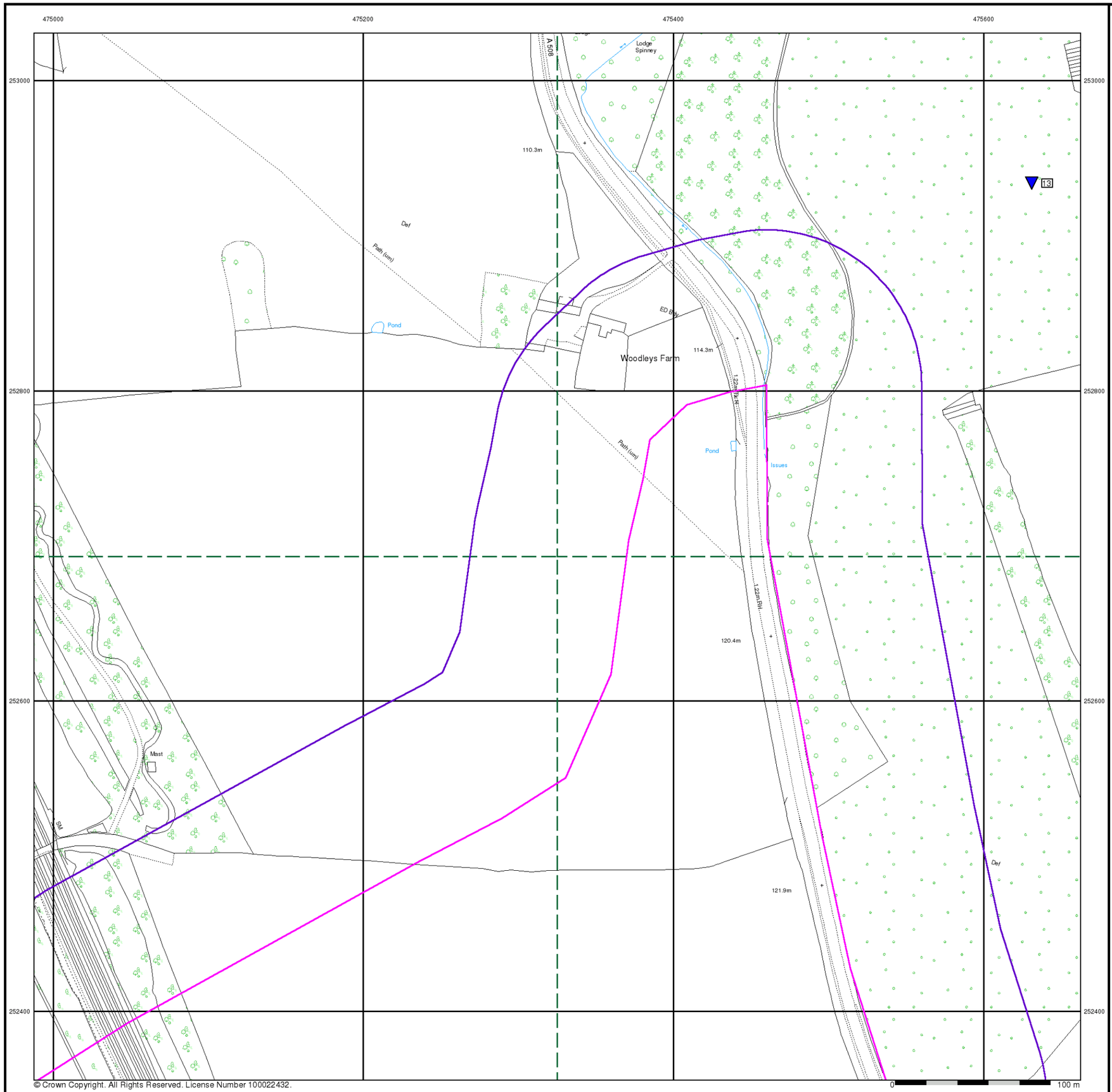
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

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



Envirocheck®

General

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

Agency and Hydrological

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

Hazardous Substances

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

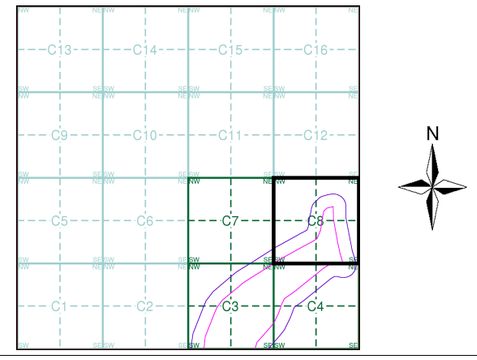
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment C8



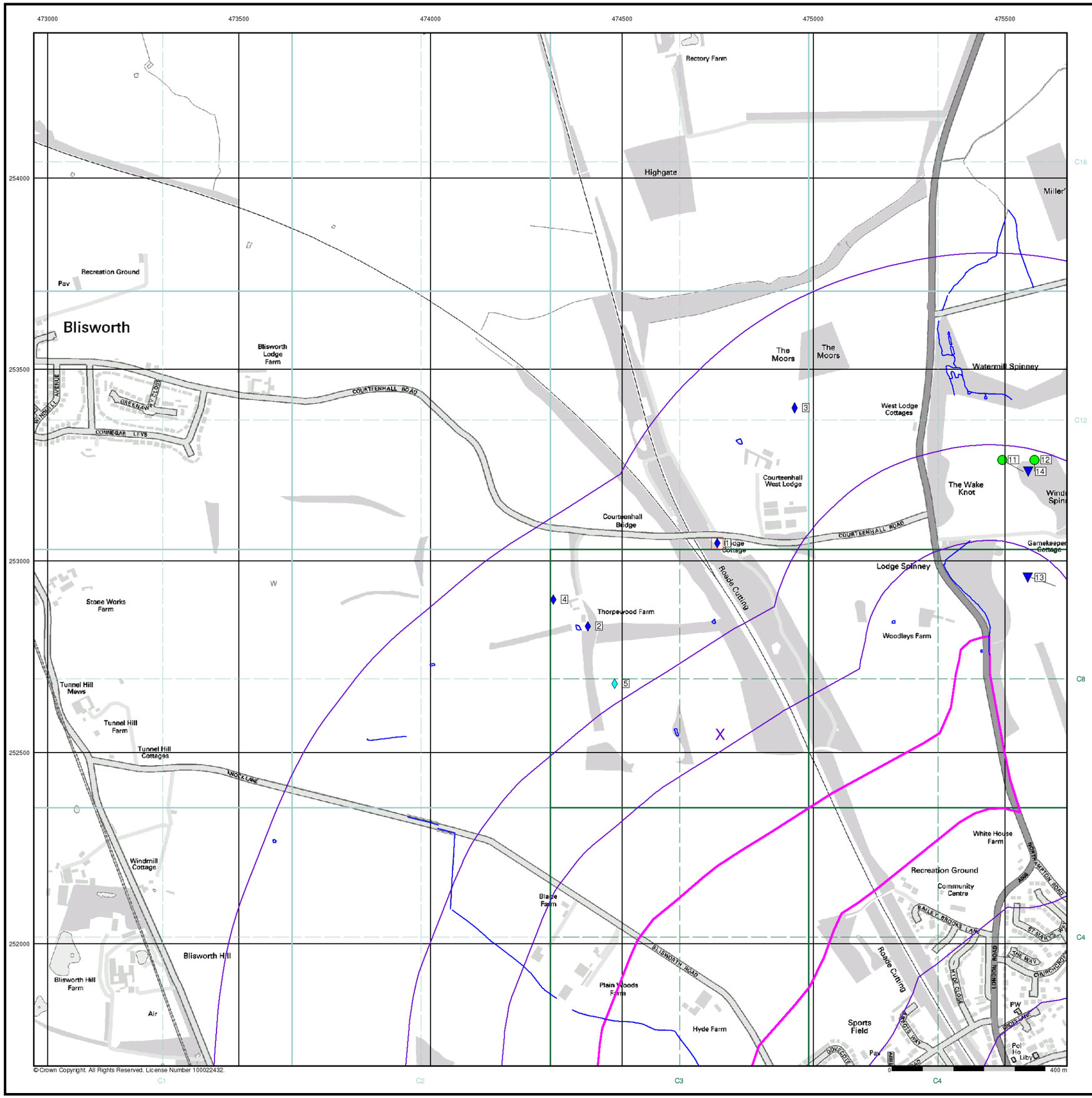
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Plot Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

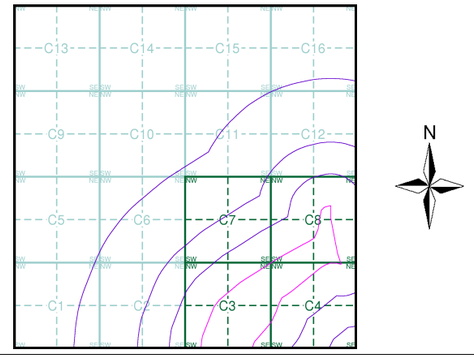
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
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- Licensed Waste Management Facility (Location)
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- 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
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- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice C



Order Details

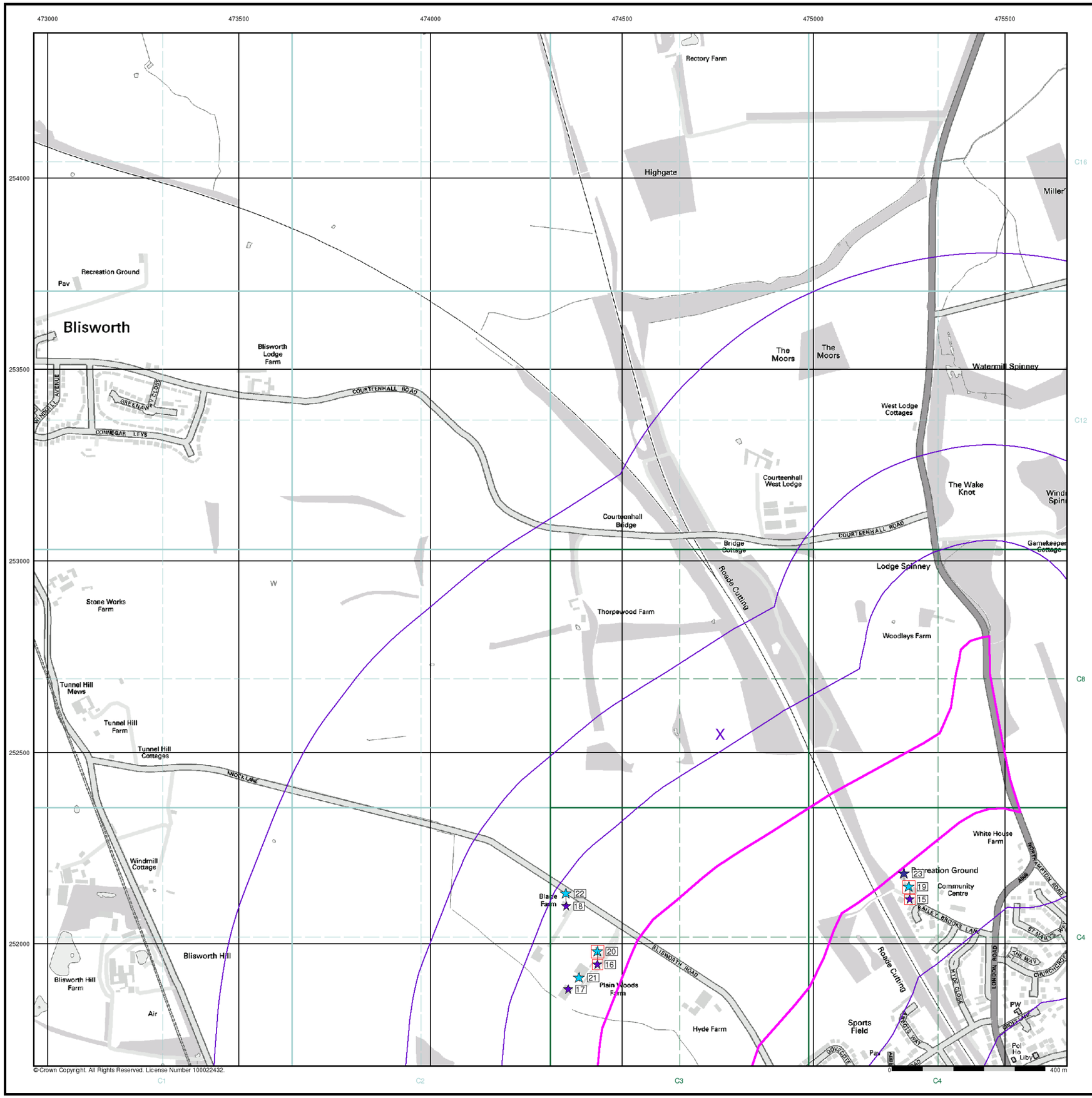
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

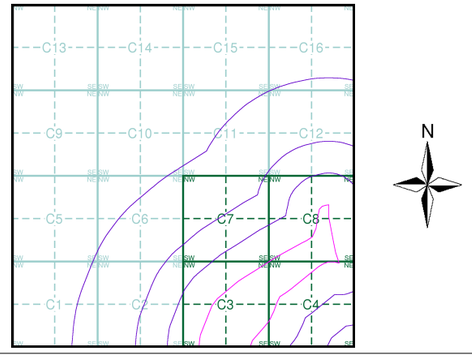
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice C



Order Details

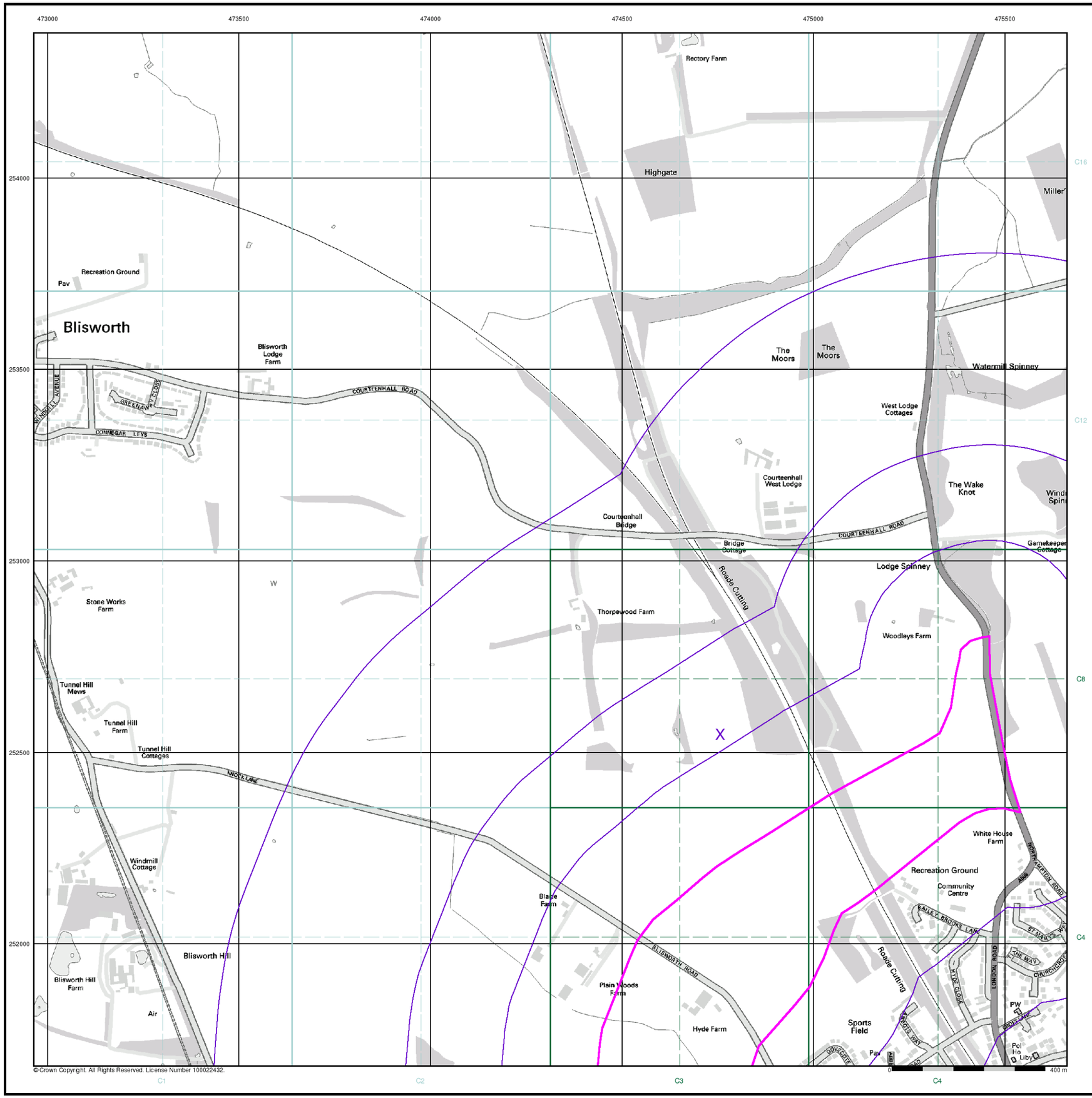
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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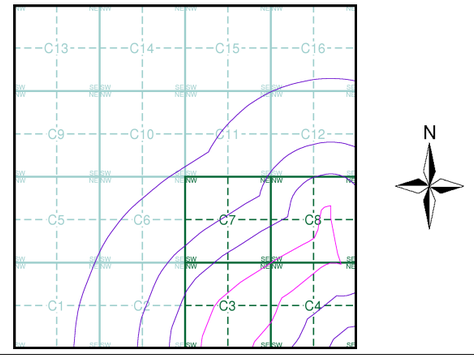
General

- 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



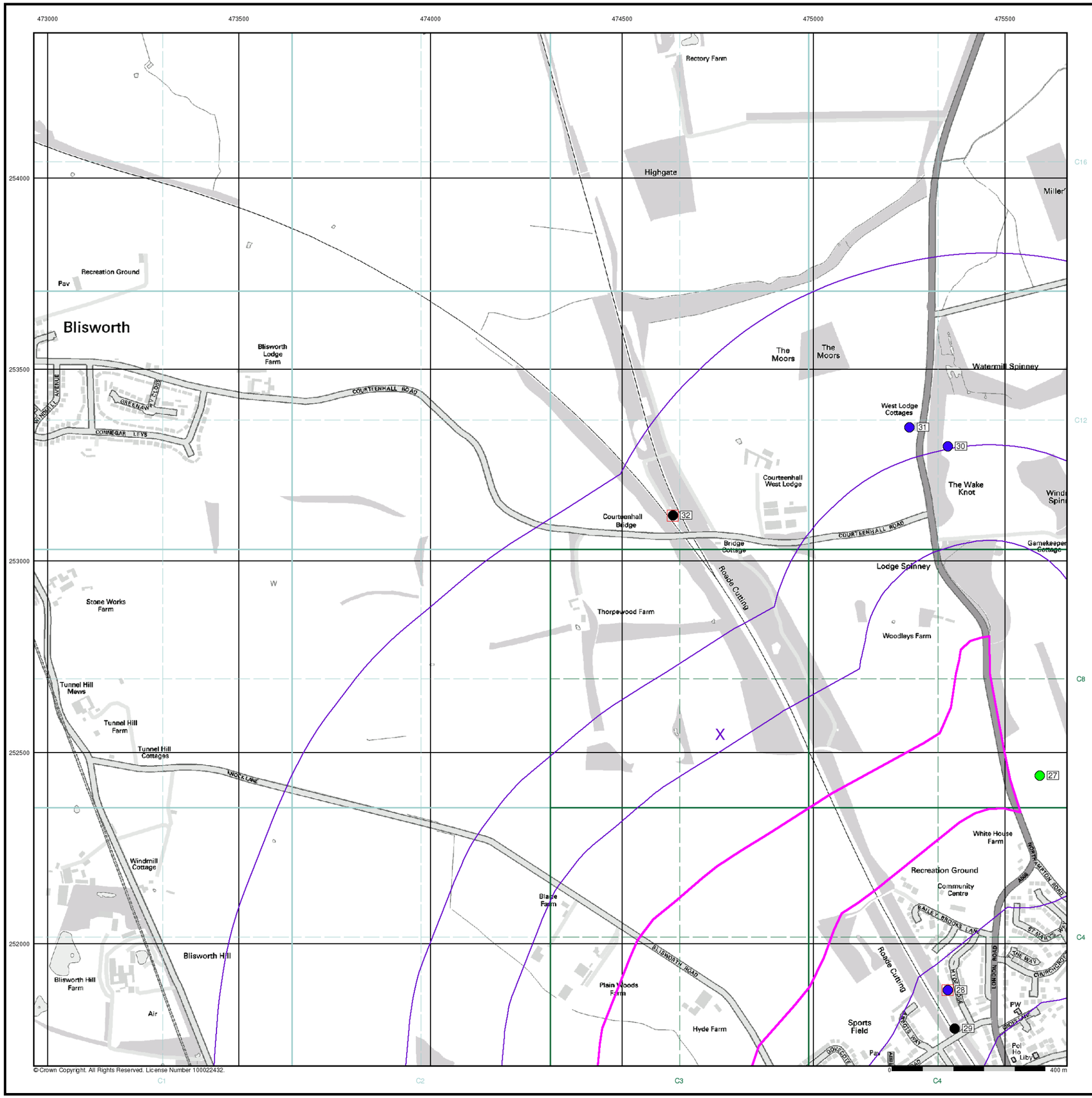
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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C1 C2 C3 C4

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General

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

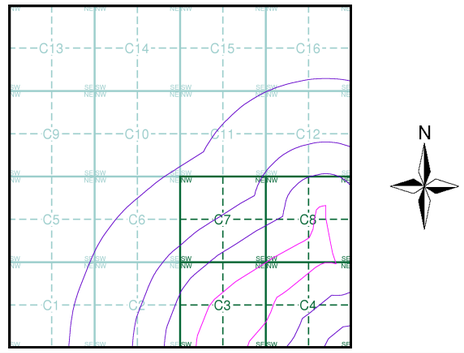
Agency and Hydrological (Boreholes)

- 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

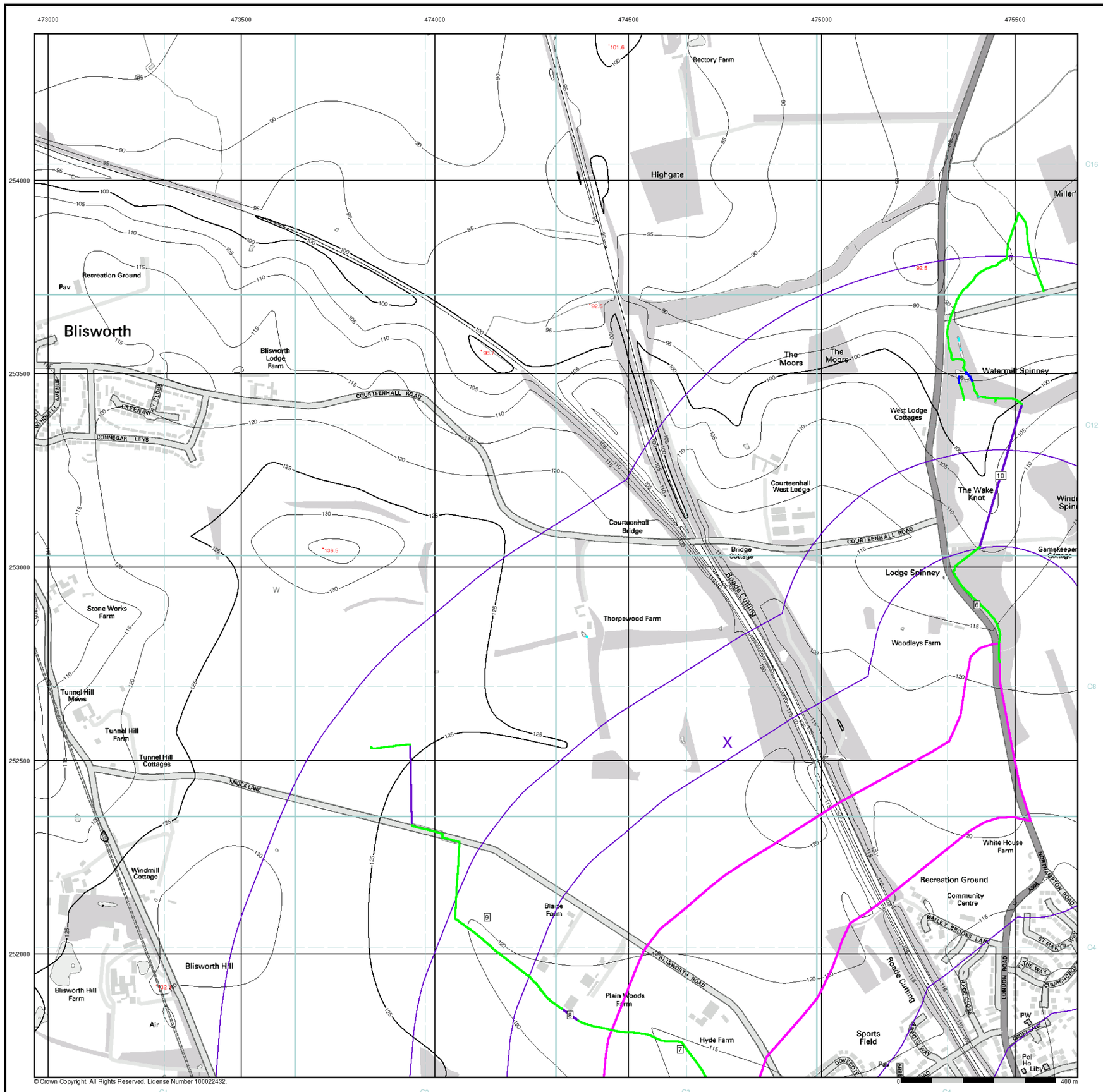
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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General

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

Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

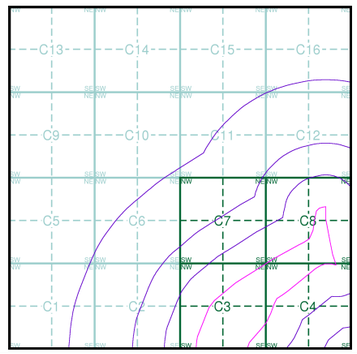
Standard Contour 105 100 95

Master Contour

Spot Height *167.3

- MLW Mean Low Water
- MHW Mean High Water

EA/NRW Detailed River Network Map - Slice C



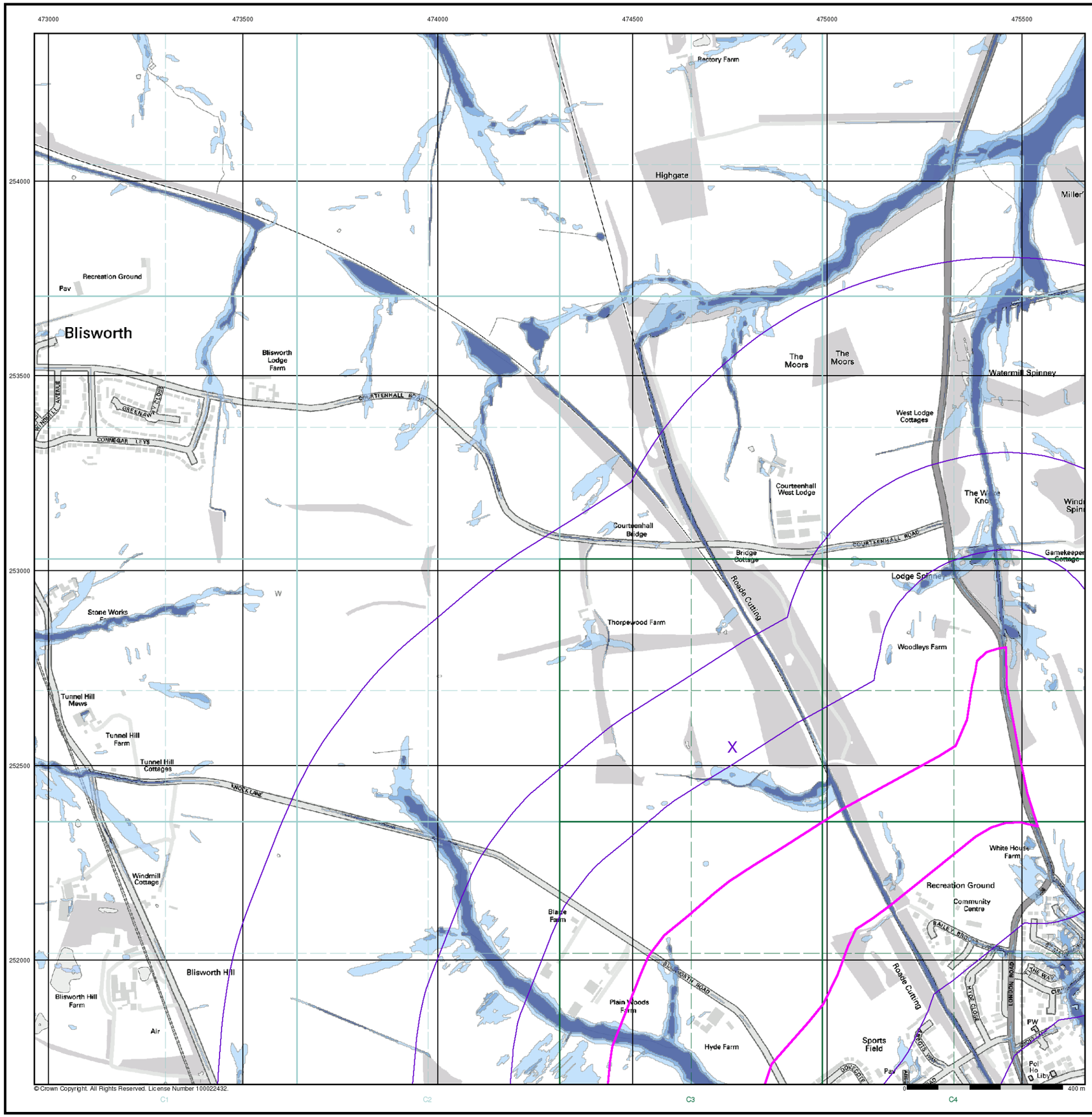
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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General

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

Risk of Flooding from Surface Water

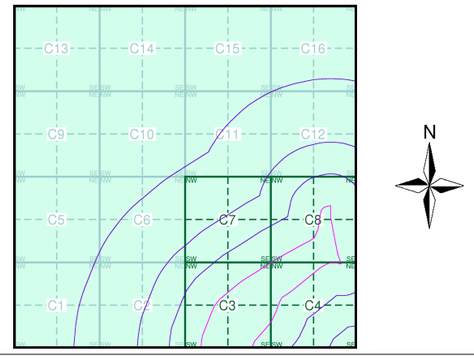
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

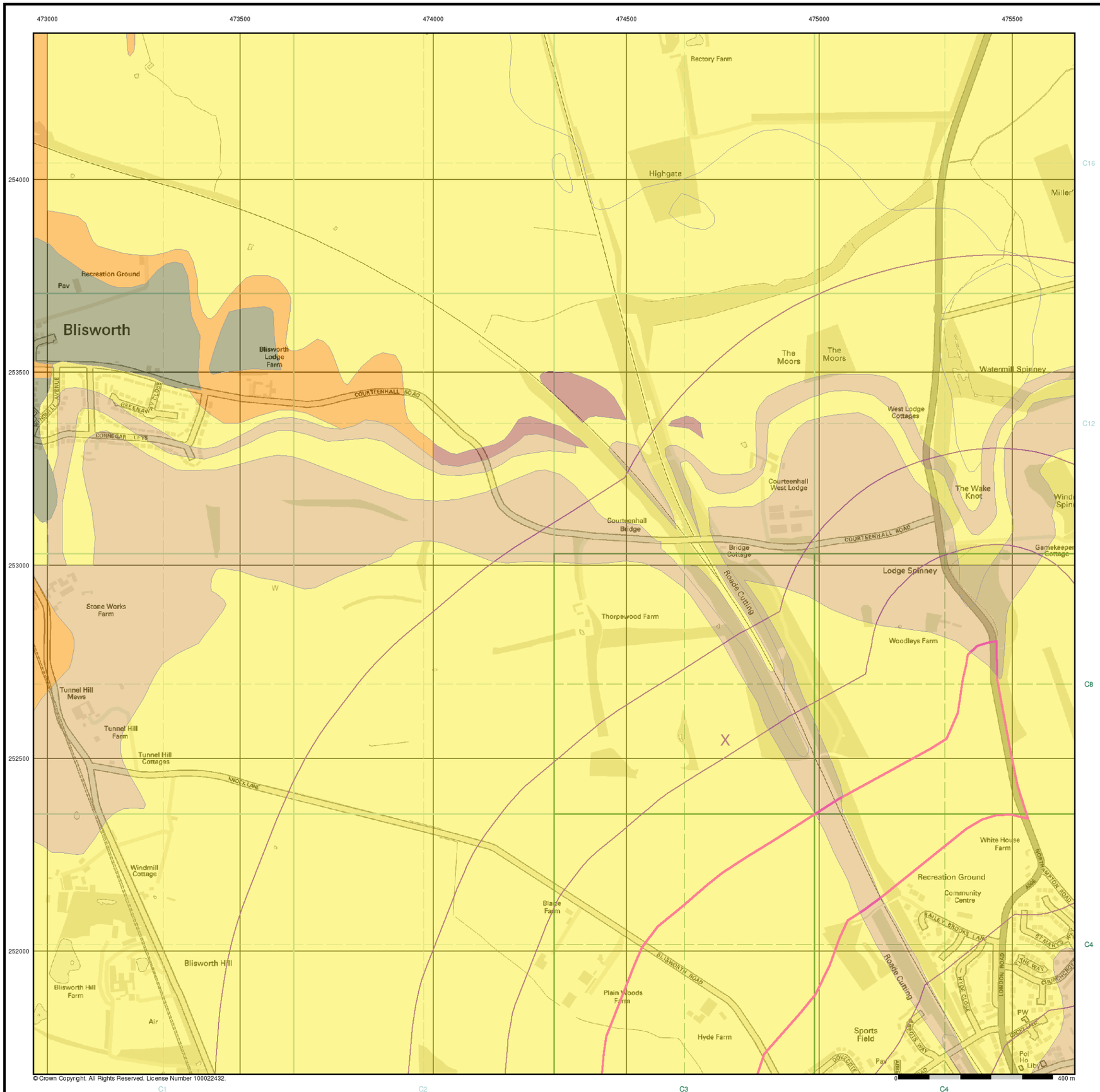
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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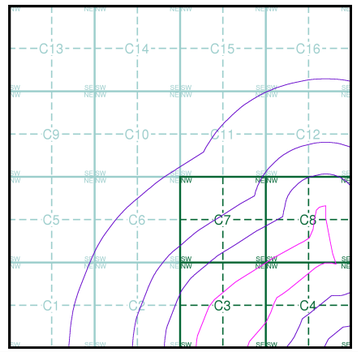
Specified Site Specified Buffer(s) X Bearing Reference Point

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 C



Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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General

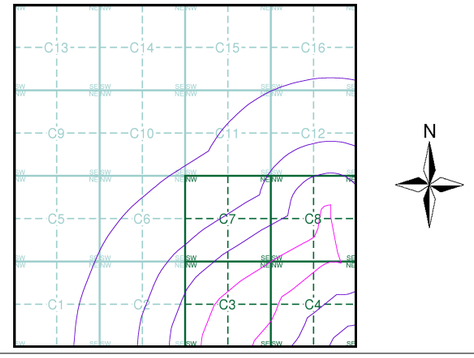
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

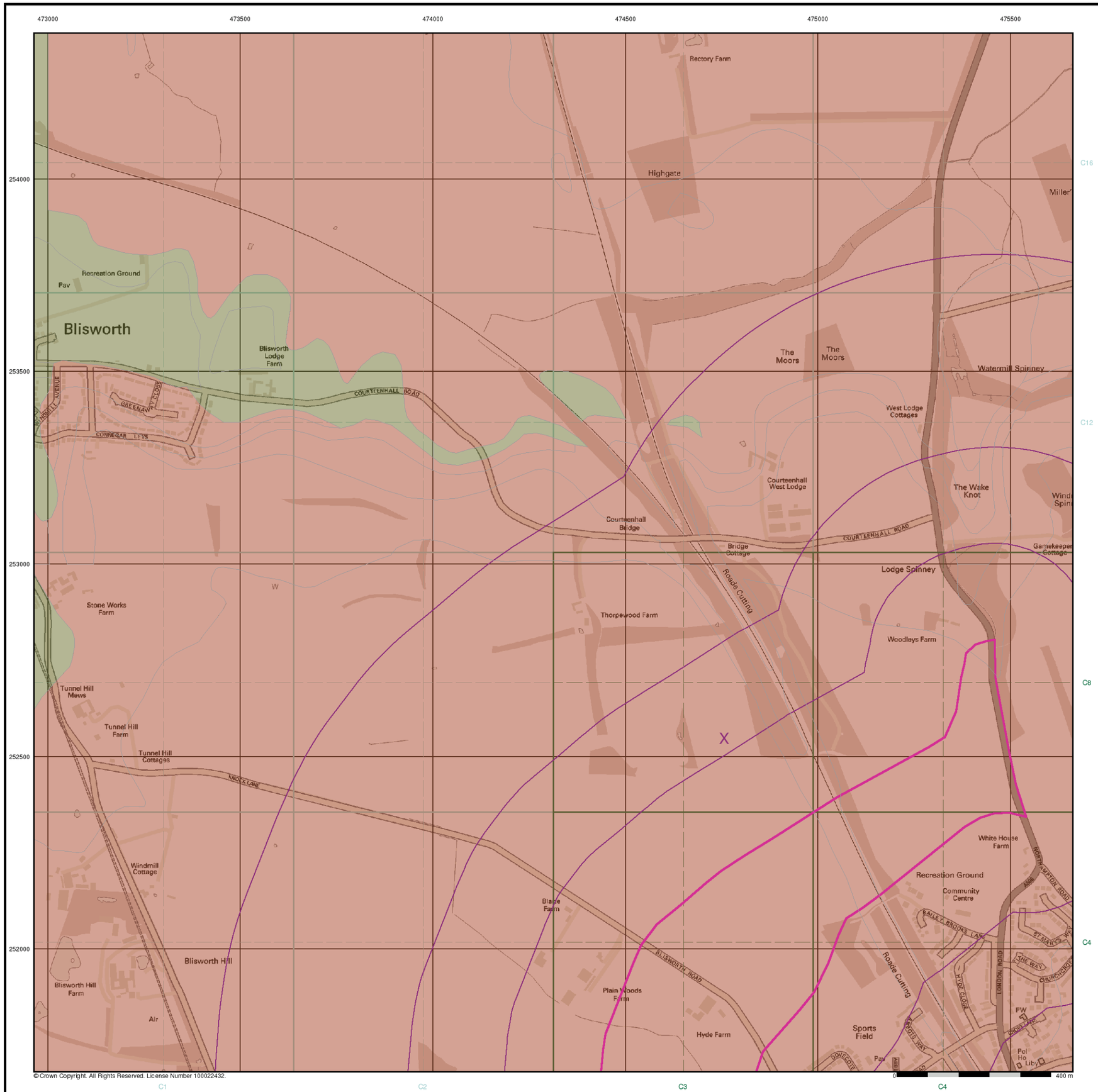
Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
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Site Details

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General

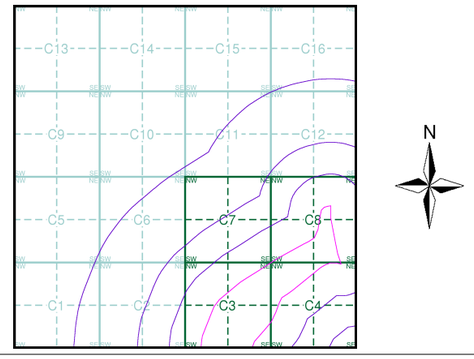
Specified Site Specified Buffer(s) X Bearing Reference Point

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:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
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Site Details

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General

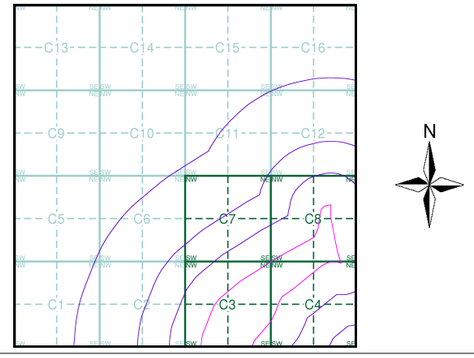
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice C



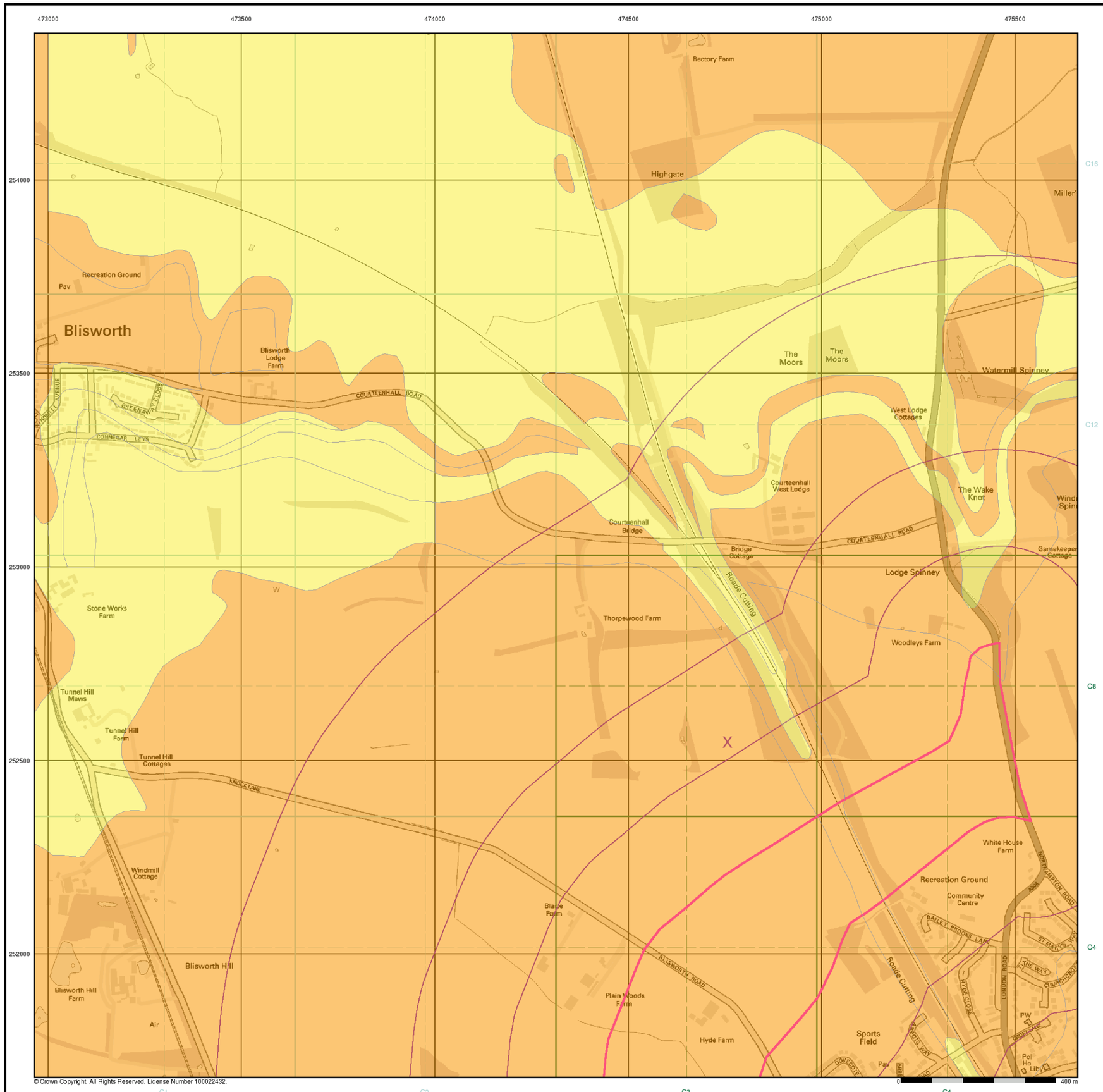
Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

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C1 C2 C3 C4

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General

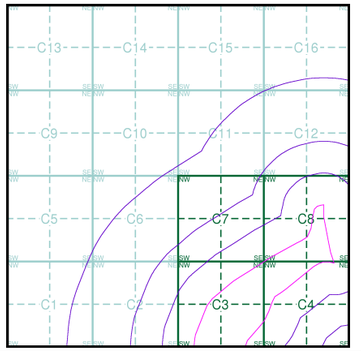
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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:	90638346_1_1
Customer Ref:	313418
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Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

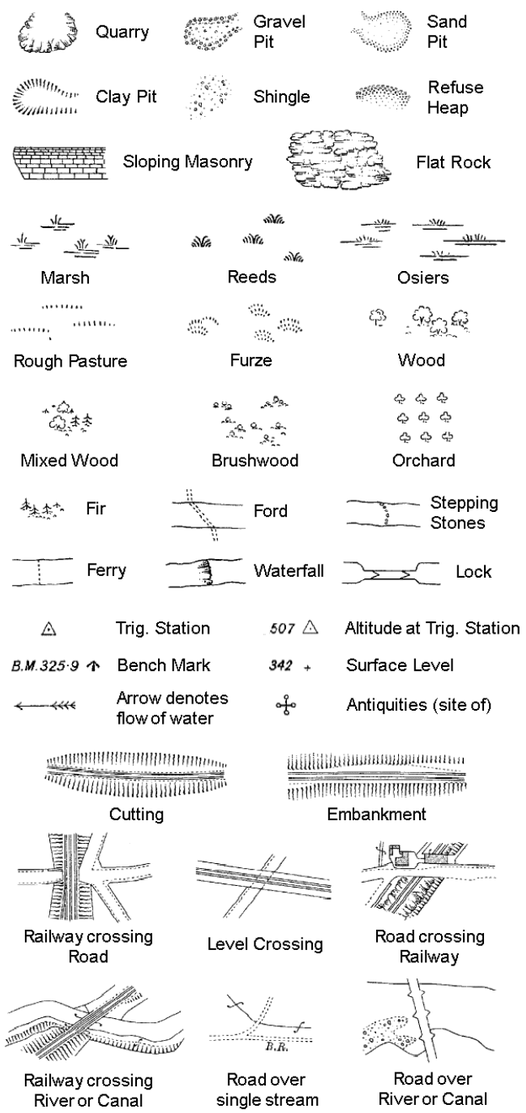
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Historical Mapping Legends

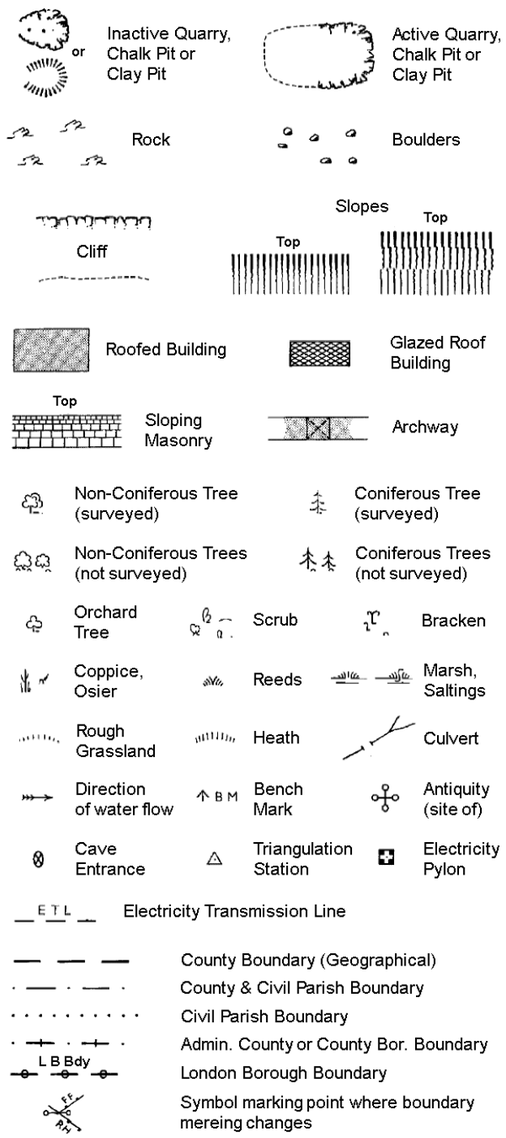
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

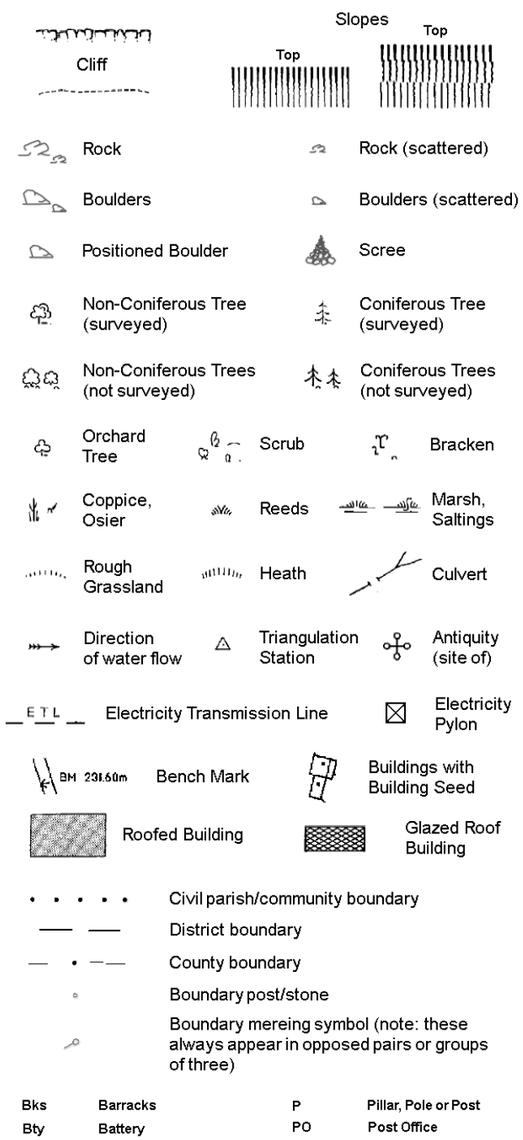
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

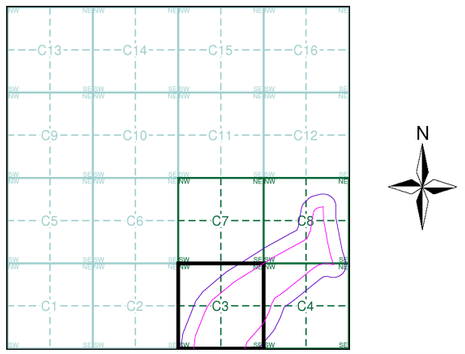
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Northamptonshire	1:2,500	1885	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967	4
Additional SIMs	1:2,500	1967 - 1987	5
Large-Scale National Grid Data	1:2,500	1993	6

Historical Map - Segment C3



Order Details

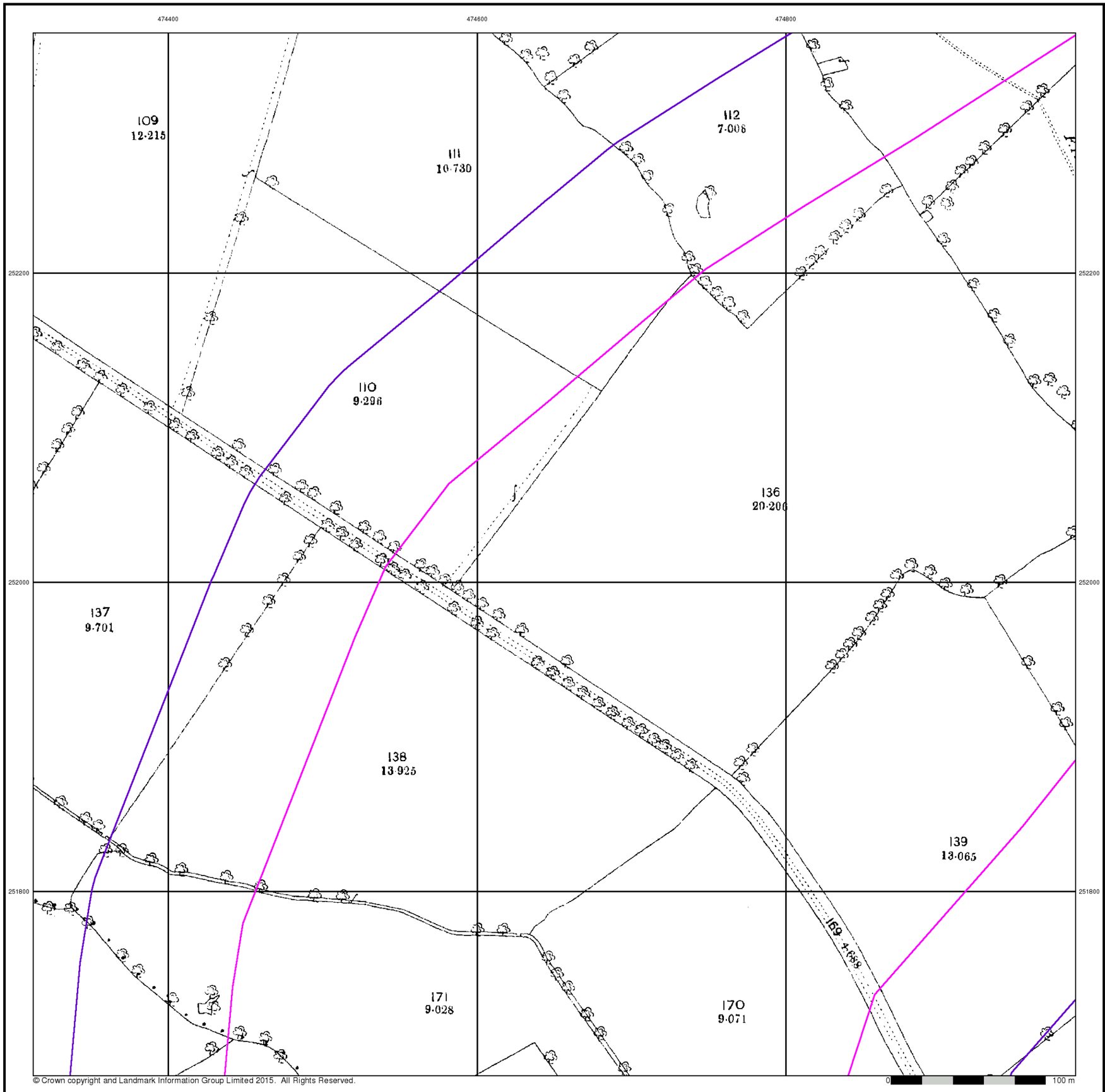
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Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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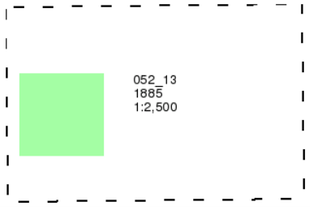
Northamptonshire

Published 1885

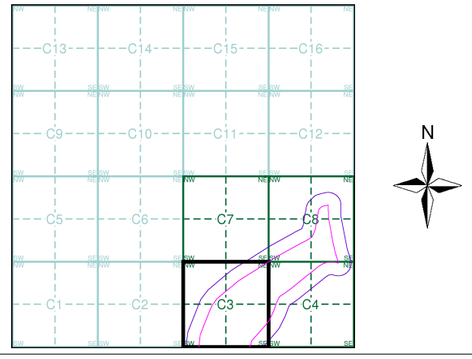
Source map scale - 1:2,500

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

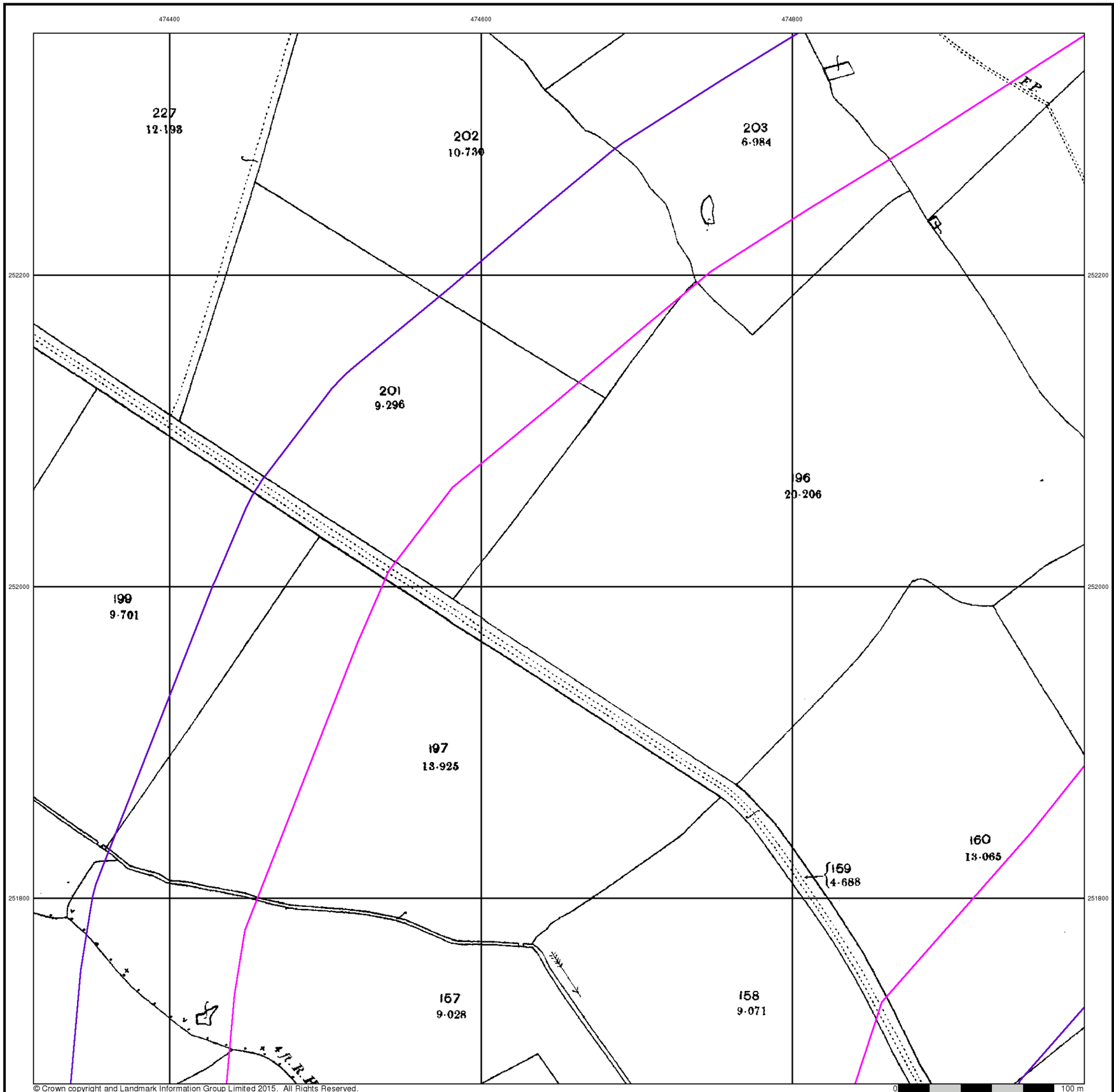
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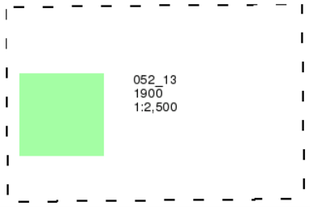
Northamptonshire

Published 1900

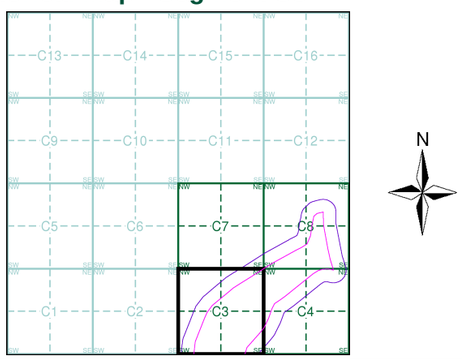
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

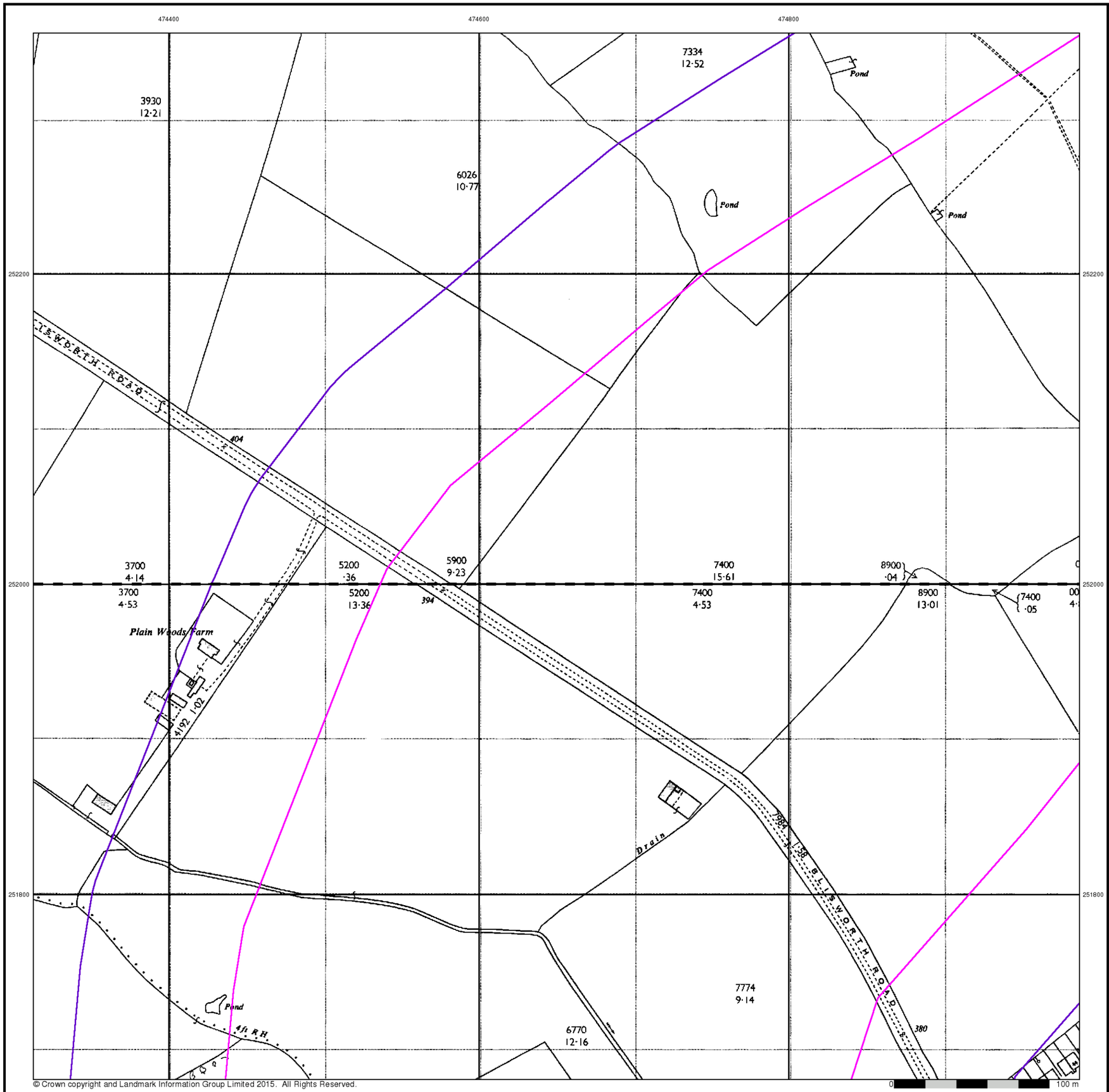
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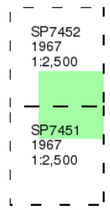
Ordnance Survey Plan

Published 1967

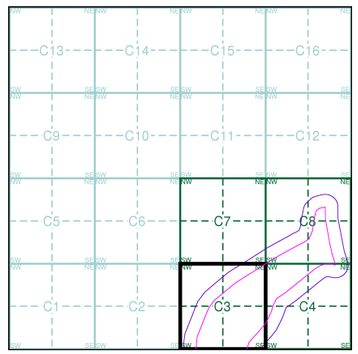
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C3



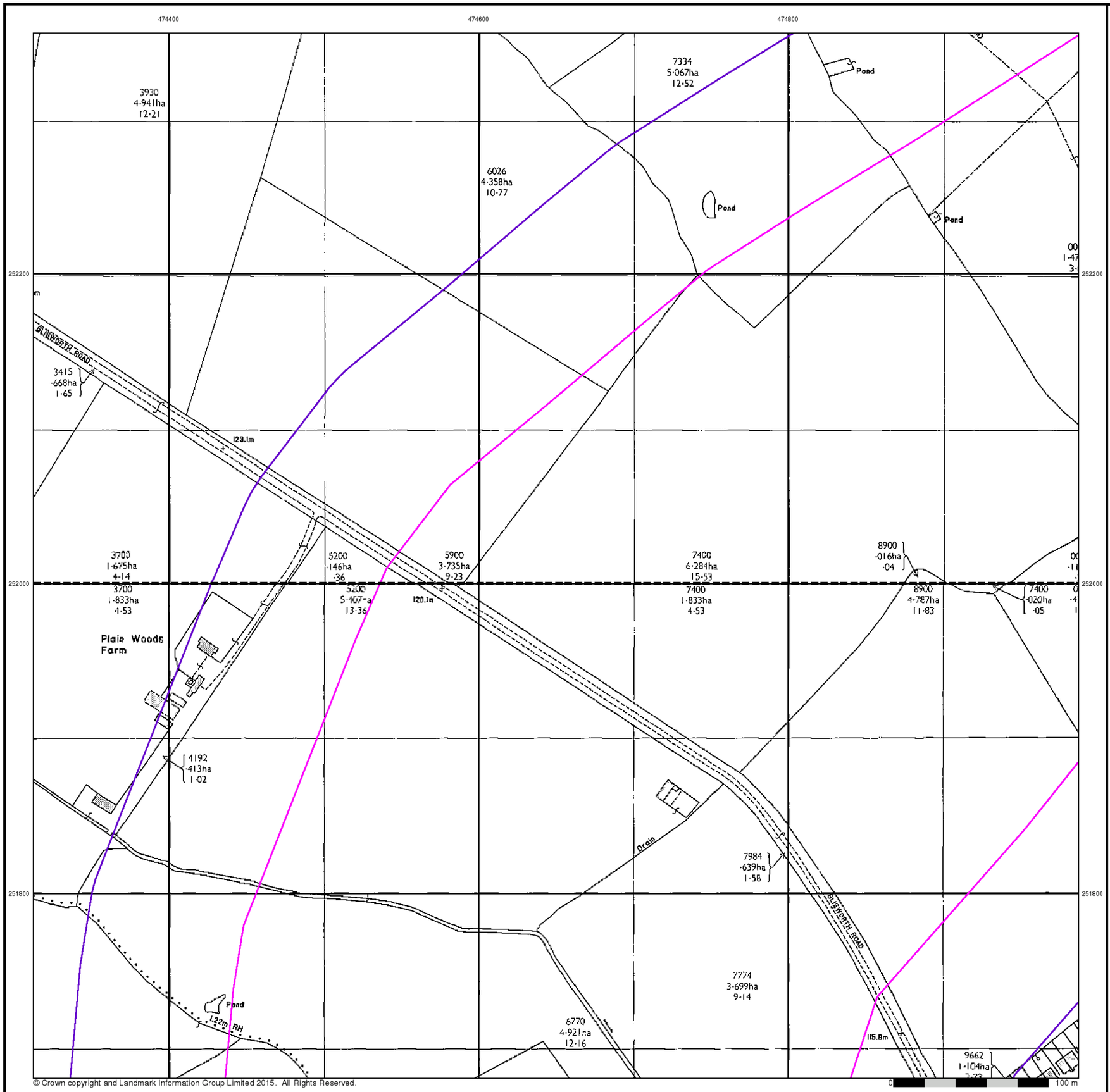
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Additional SIMs

Published 1967 - 1987

Source map scale - 1:2,500

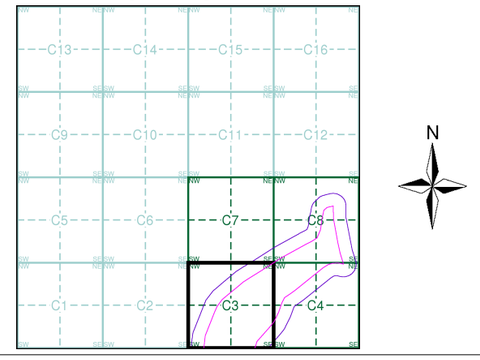
The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

SP7452
1967
1:2,500

SP7451
1987
1:2,500

Historical Map - Segment C3



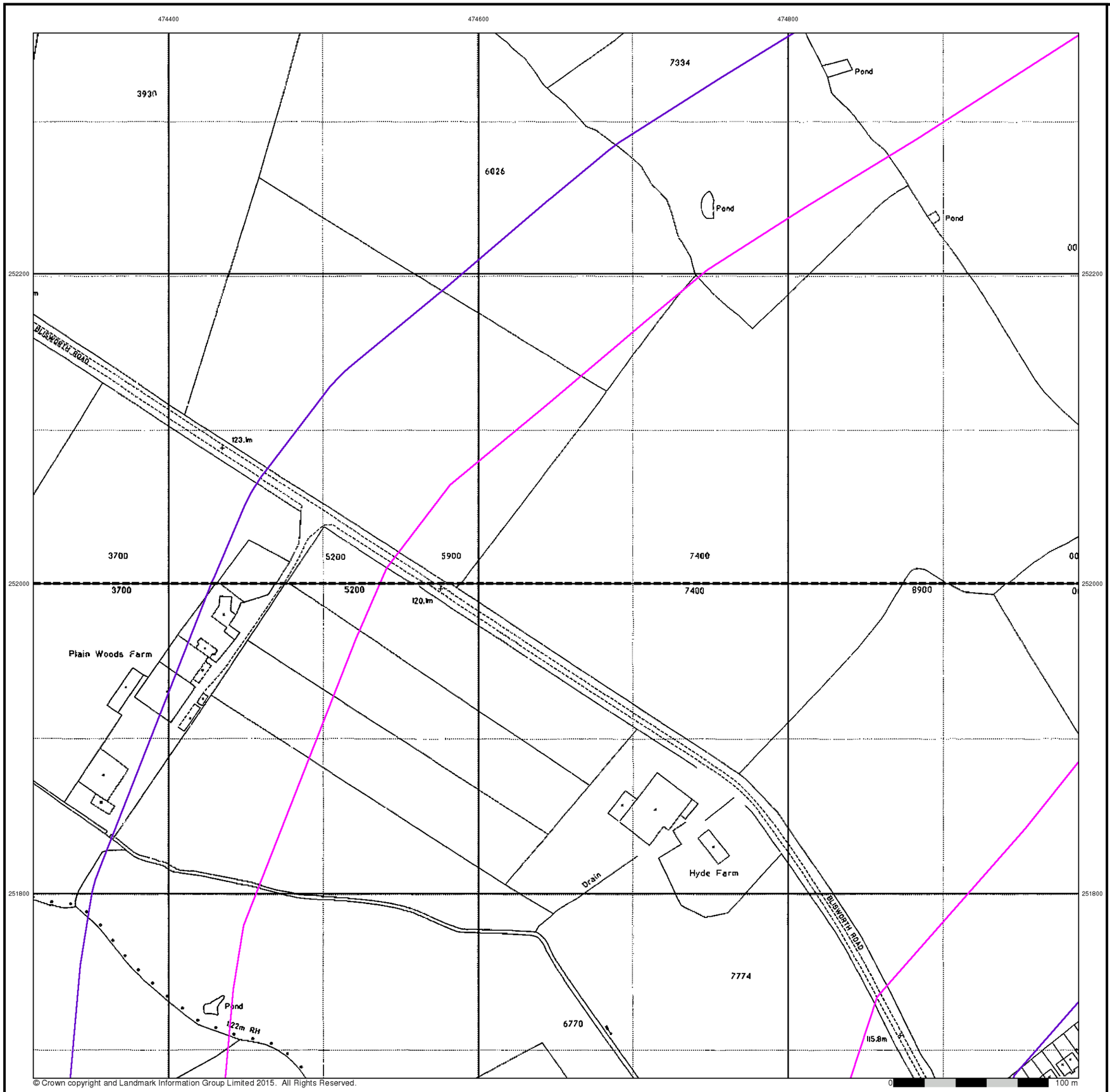
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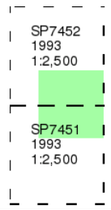
Large-Scale National Grid Data

Published 1993

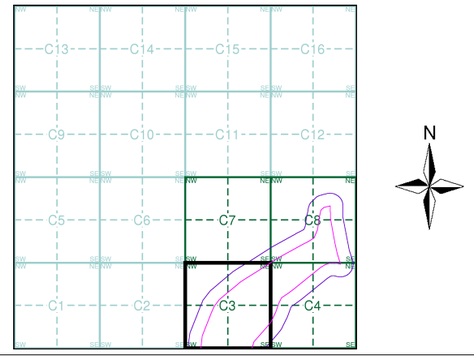
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment C3



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
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Search Buffer (m):	100

Site Details

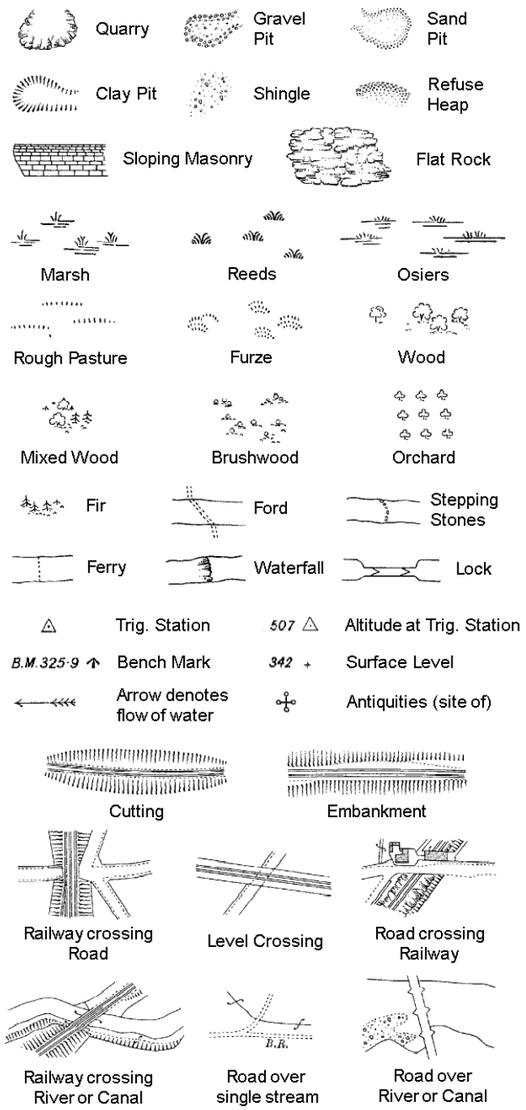
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

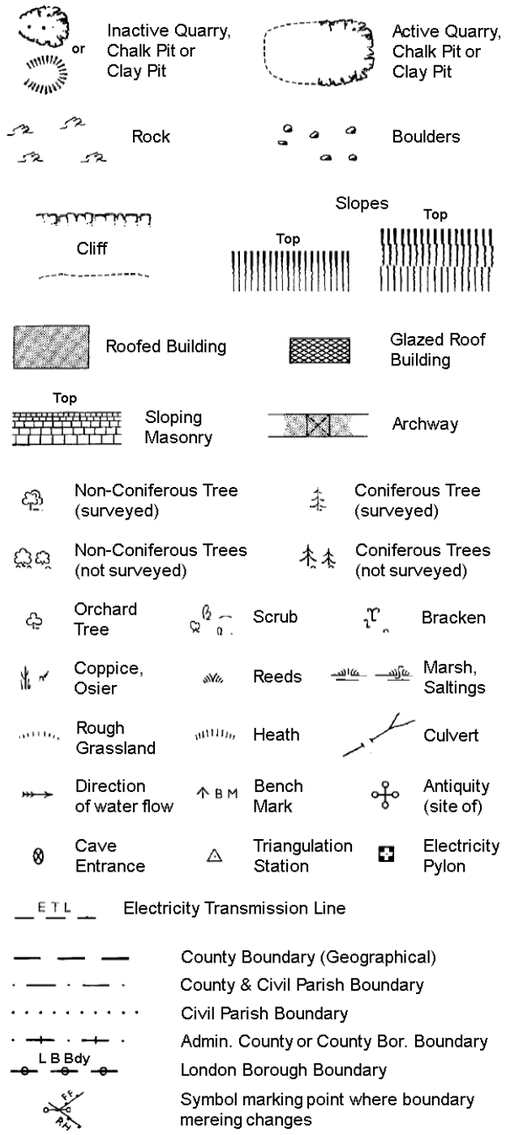
Administrative County & Civil Parish Boundary

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

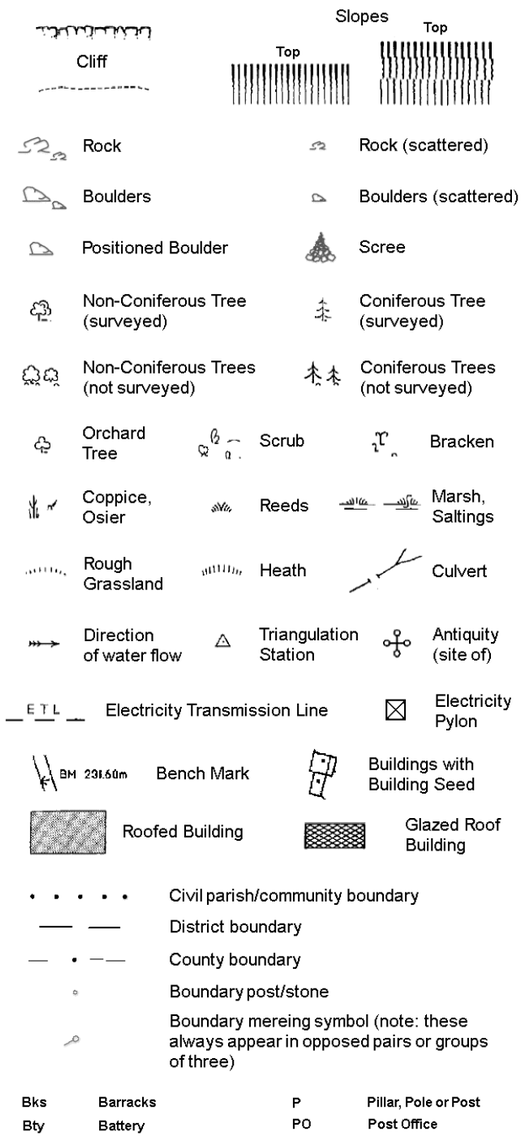
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

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Cn, C	Capstan, Crane	PC	Public Convenience
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FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
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)

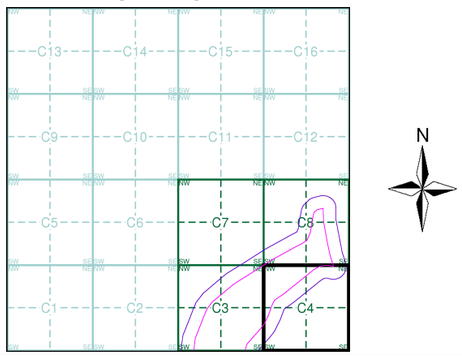
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Northamptonshire	1:2,500	1885	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967	4
Additional SIMs	1:2,500	1967 - 1987	5
Supply of Unpublished Survey Information	1:2,500	1975	6
Ordnance Survey Plan	1:2,500	1979	7
Large-Scale National Grid Data	1:2,500	1993	8

Historical Map - Segment C4



Order Details

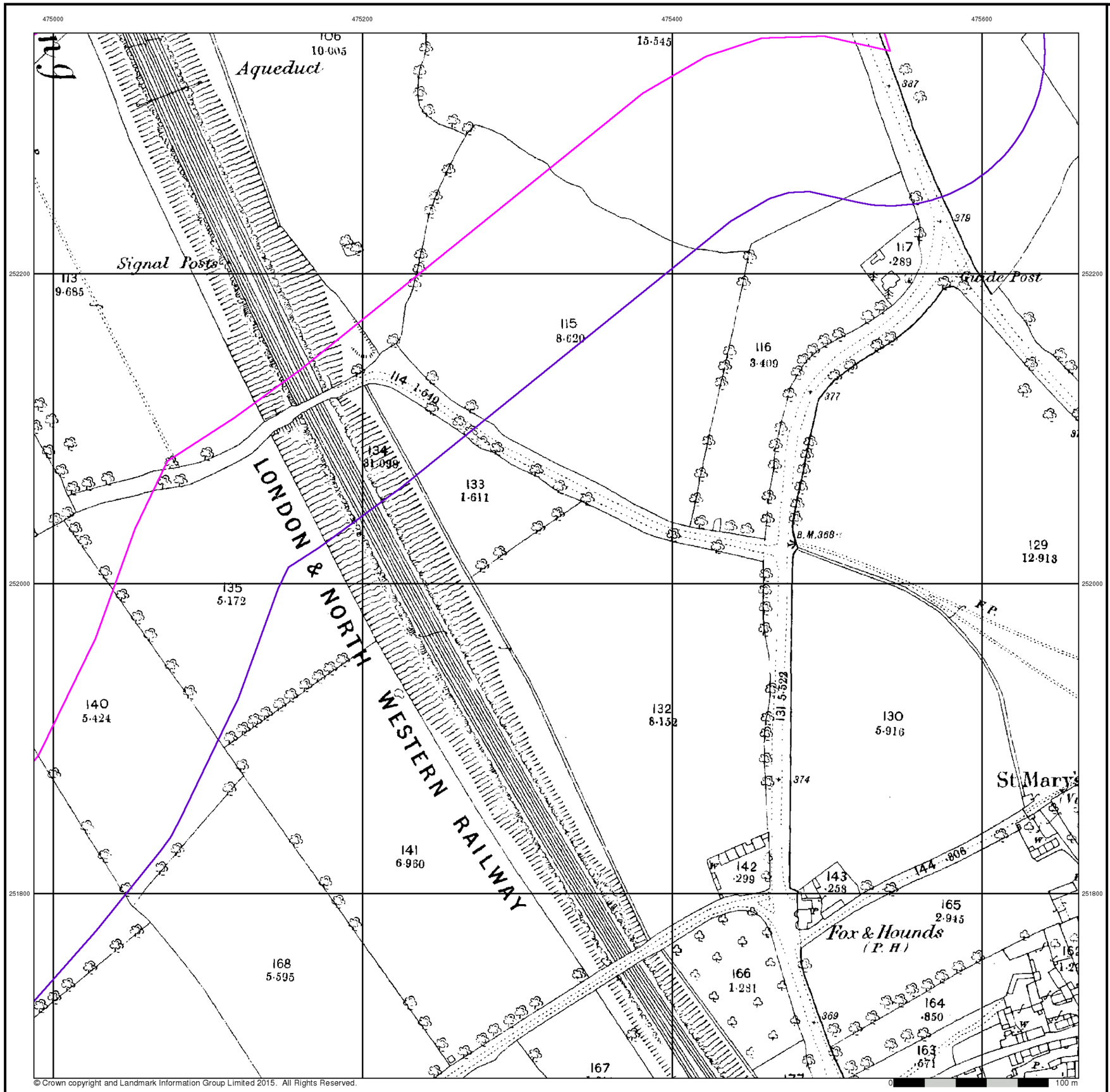
Order Number: 90638346_1_1
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Slice: C
Site Area (Ha): 72.92
Search Buffer (m): 100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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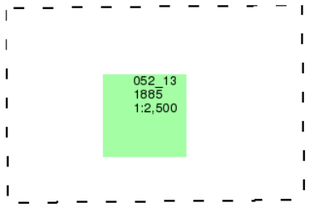
Northamptonshire

Published 1885

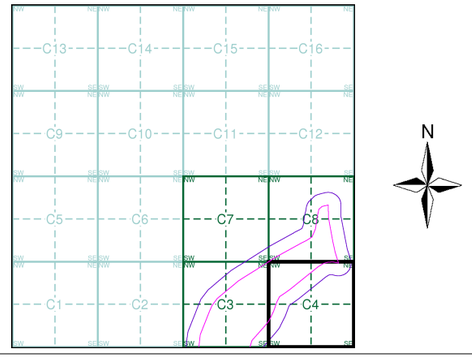
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C4



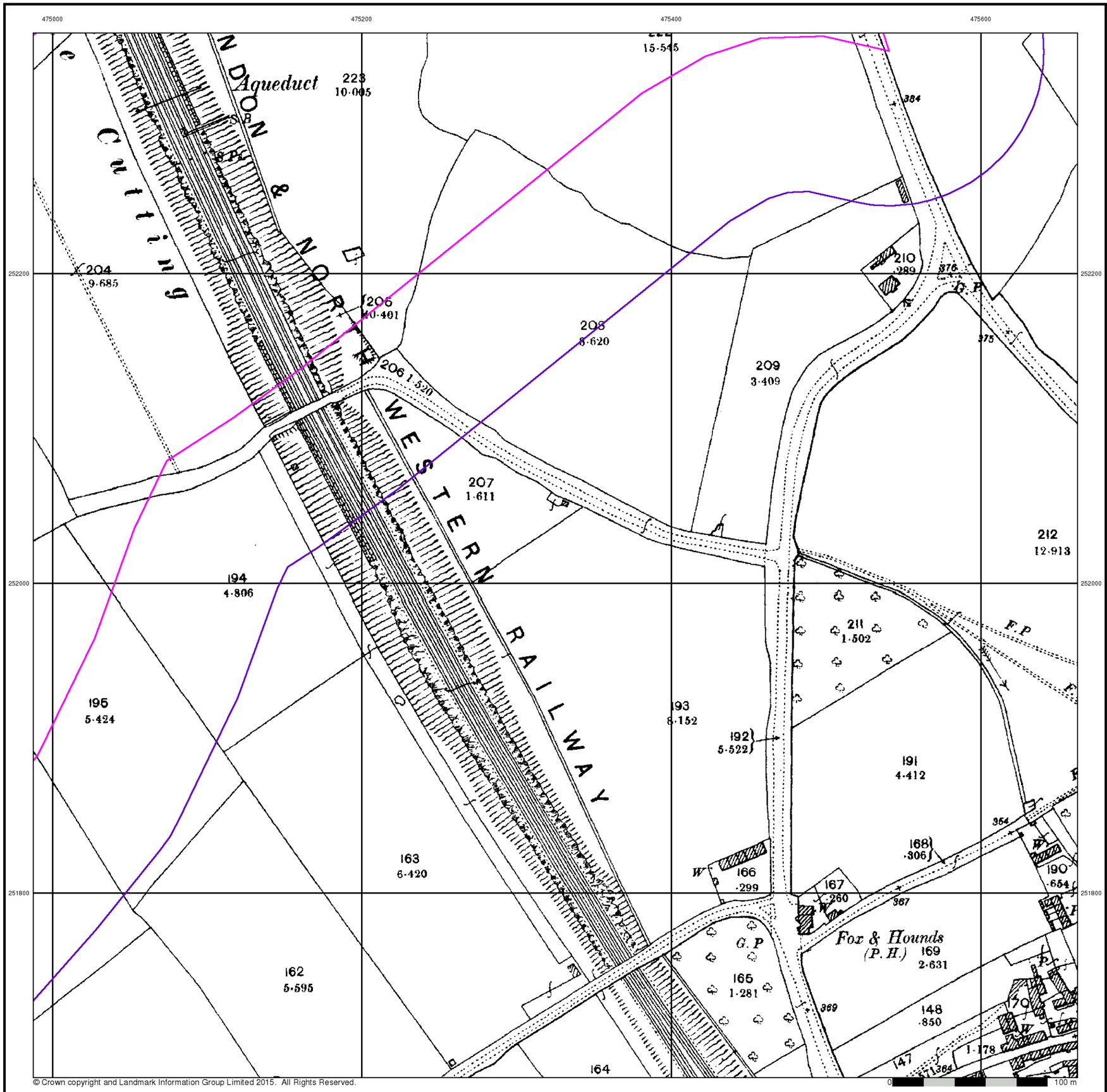
Order Details

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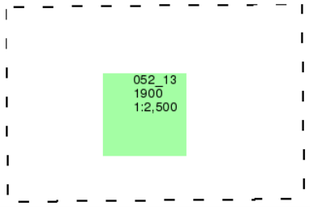
Northamptonshire

Published 1900

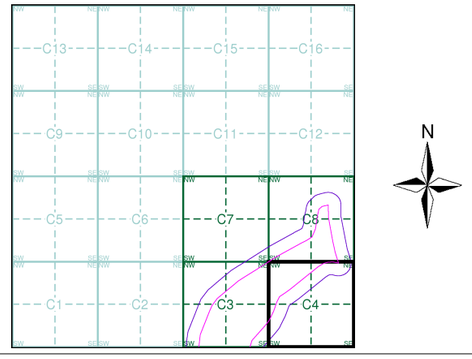
Source map scale - 1:2,500

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Historical Map - Segment C4



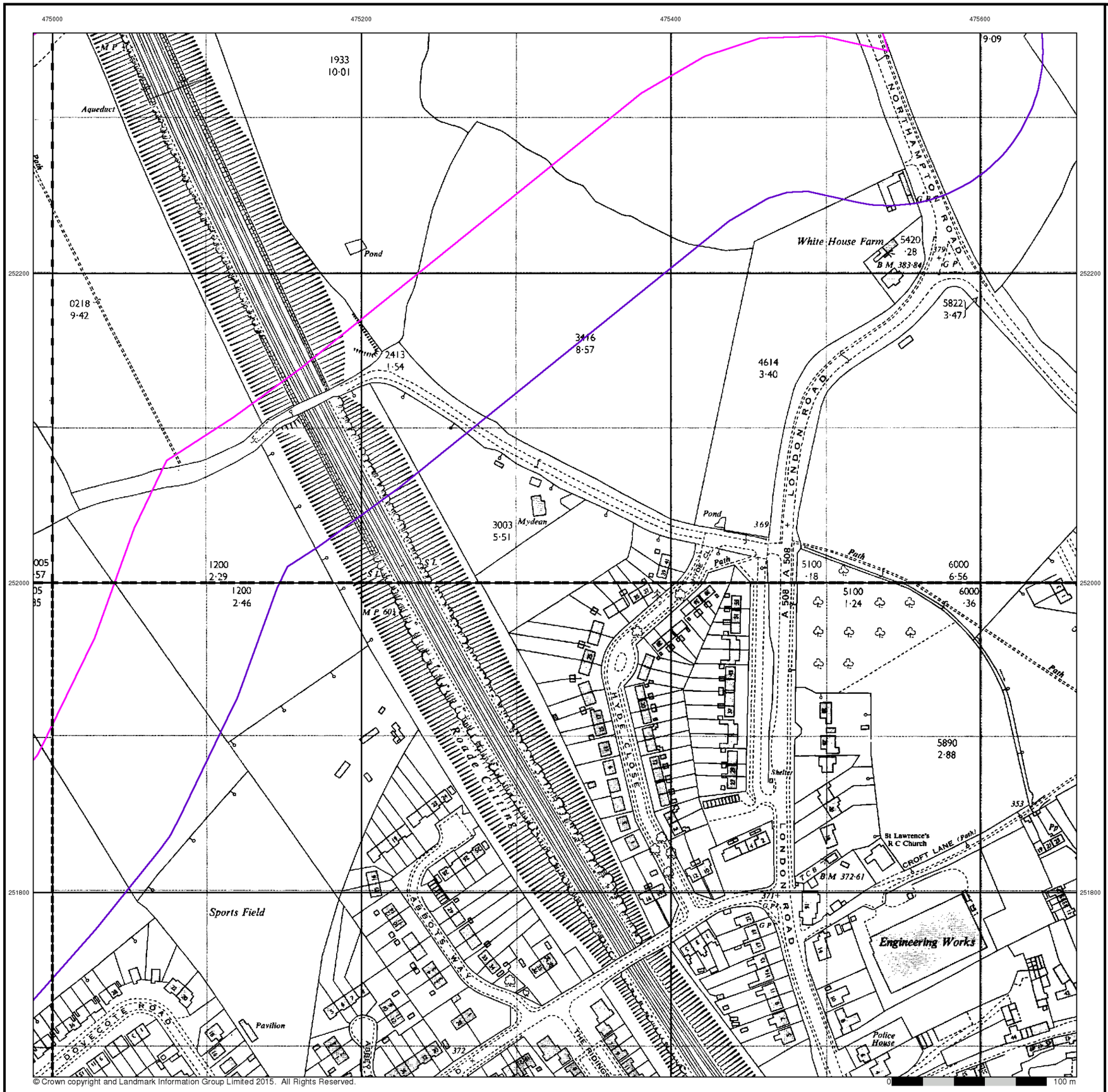
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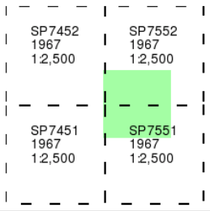
Ordnance Survey Plan

Published 1967

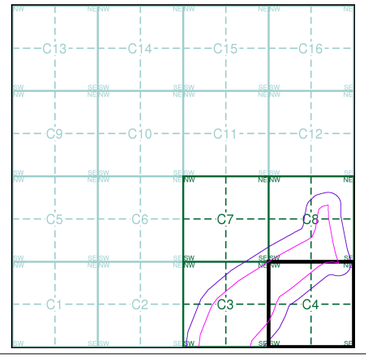
Source map scale - 1:2,500

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



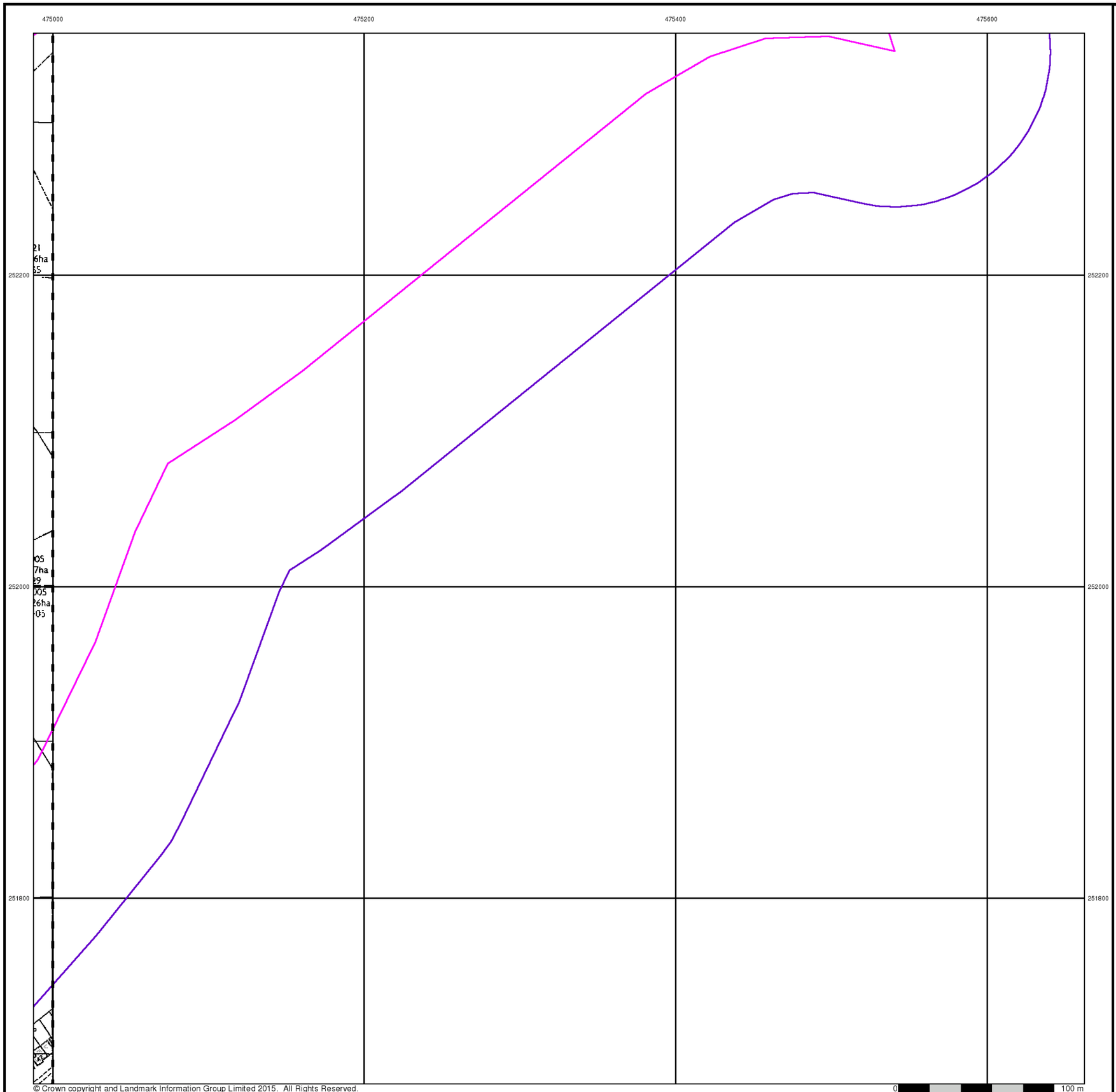
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Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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0 100 m

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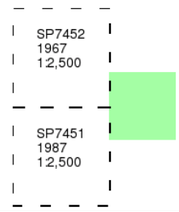
Additional SIMs

Published 1967 - 1987

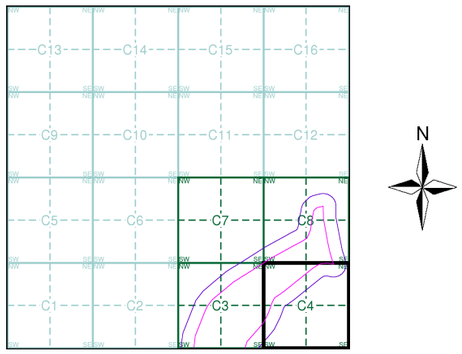
Source map scale - 1:2,500

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 C4



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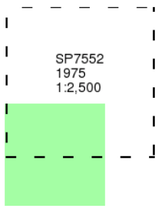
Supply of Unpublished Survey Information

Published 1975

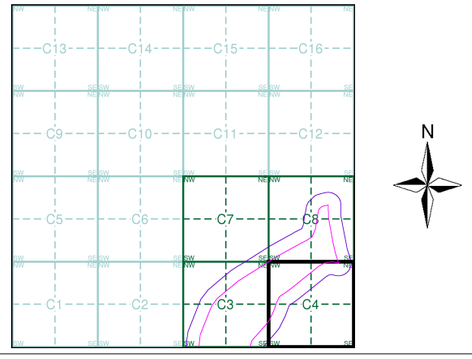
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

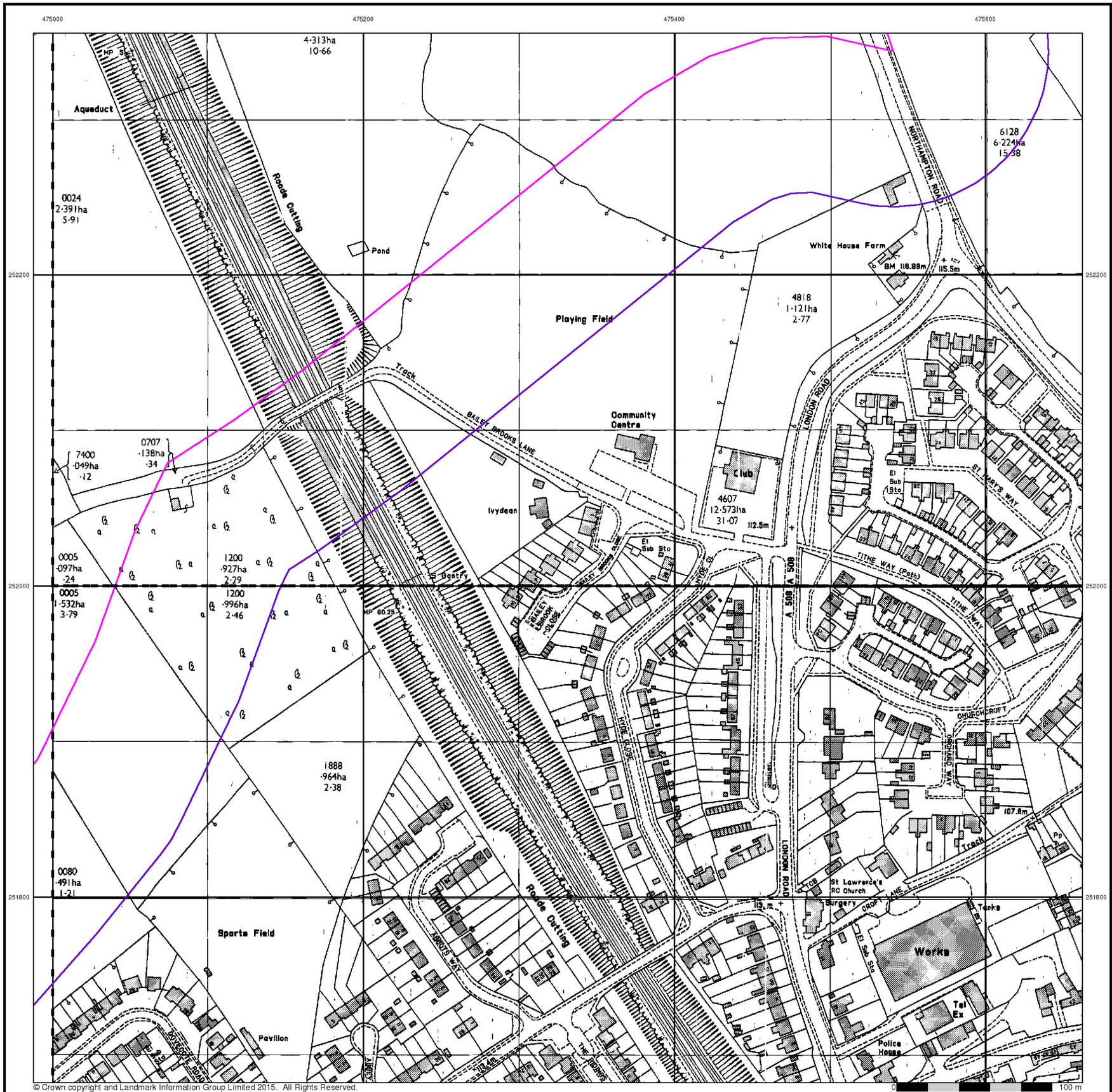
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Ordnance Survey Plan

Published 1979

Source map scale - 1:2,500

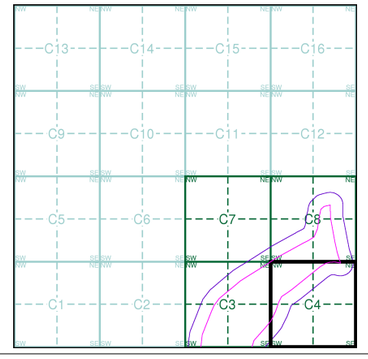
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

SP7552
1979
1:2,500

SP7551
1979
1:2,500

Historical Map - Segment C4



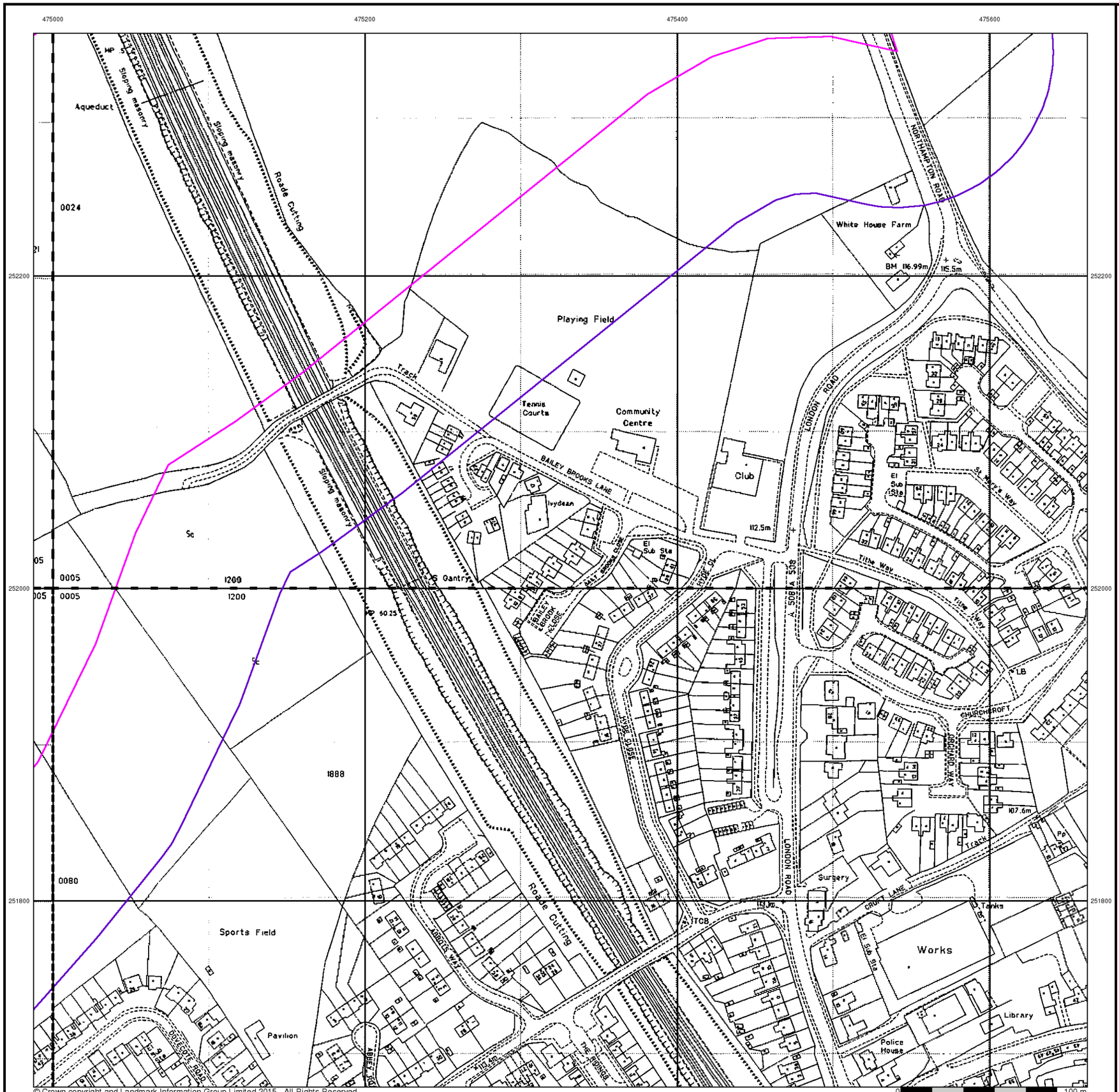
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Large-Scale National Grid Data

Published 1993

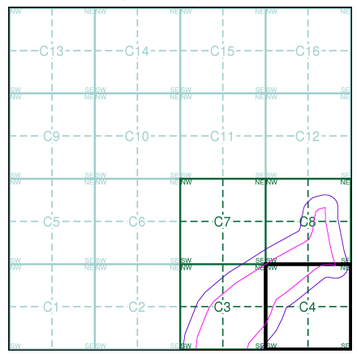
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SP7452 1993 1:2,500	SP7552 1993 1:2,500
SP7451 1993 1:2,500	SP7551 1993 1:2,500

Historical Map - Segment C4



Order Details

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Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

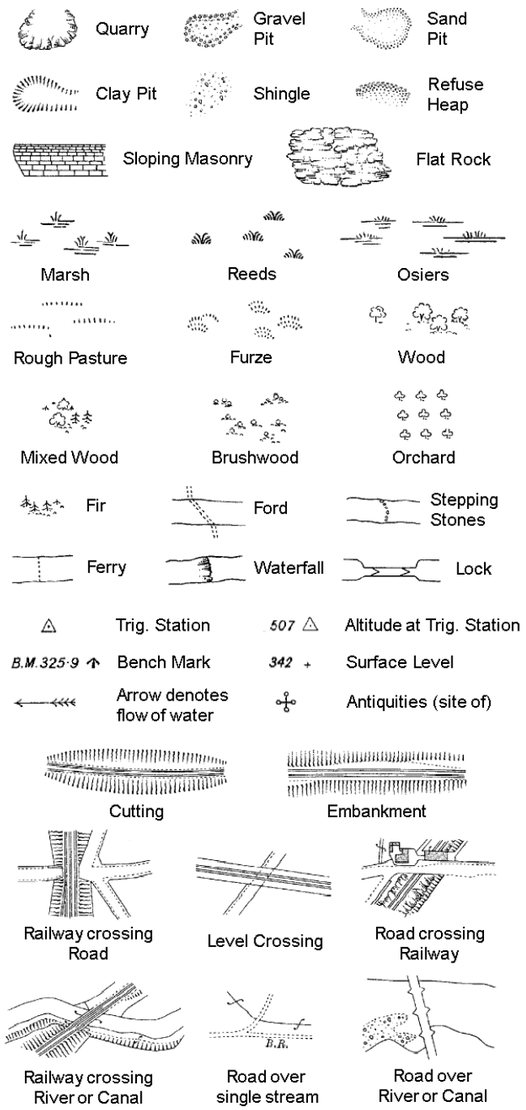
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Historical Mapping Legends

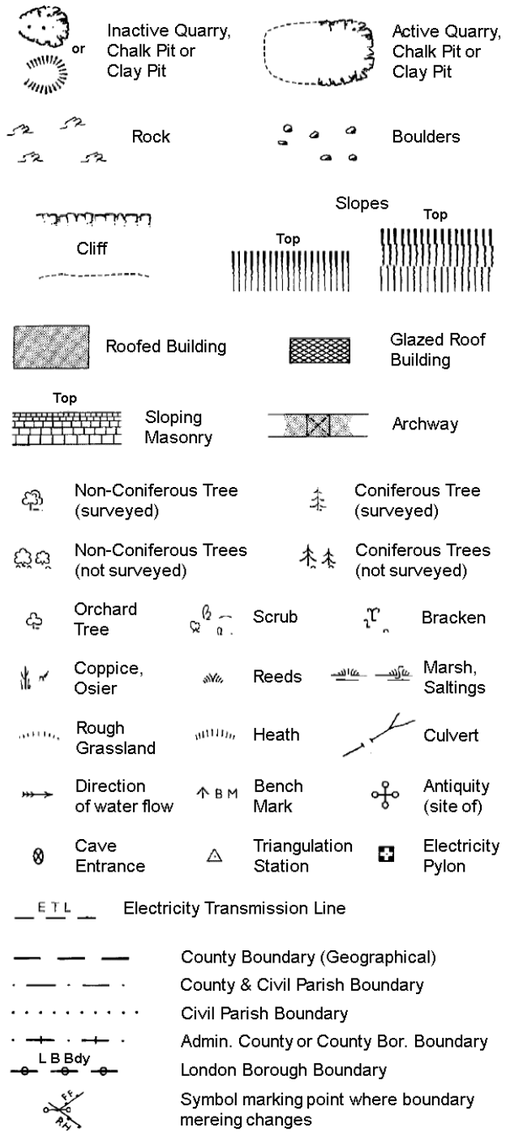
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

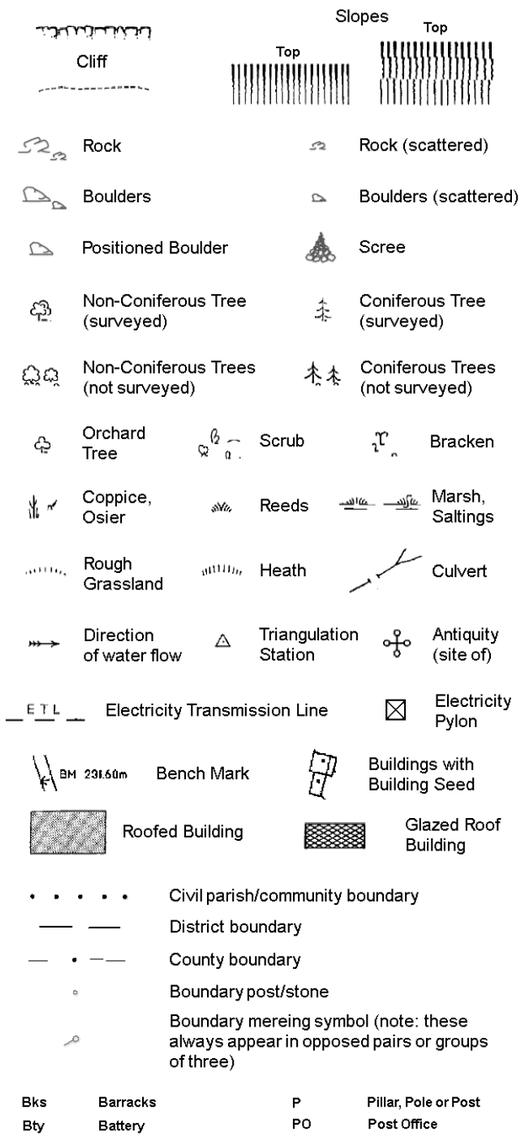
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

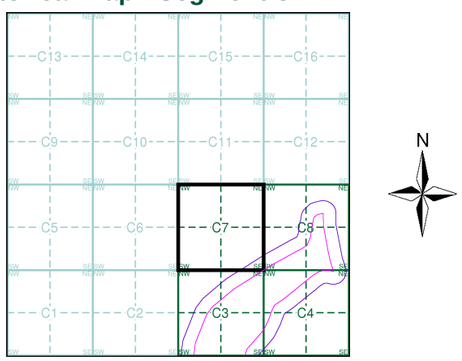
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Northamptonshire	1:2,500	1885	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967	4
Additional SIMs	1:2,500	1967 - 1986	5
Additional SIMs	1:2,500	1987	6
Large-Scale National Grid Data	1:2,500	1993	7

Historical Map - Segment C7



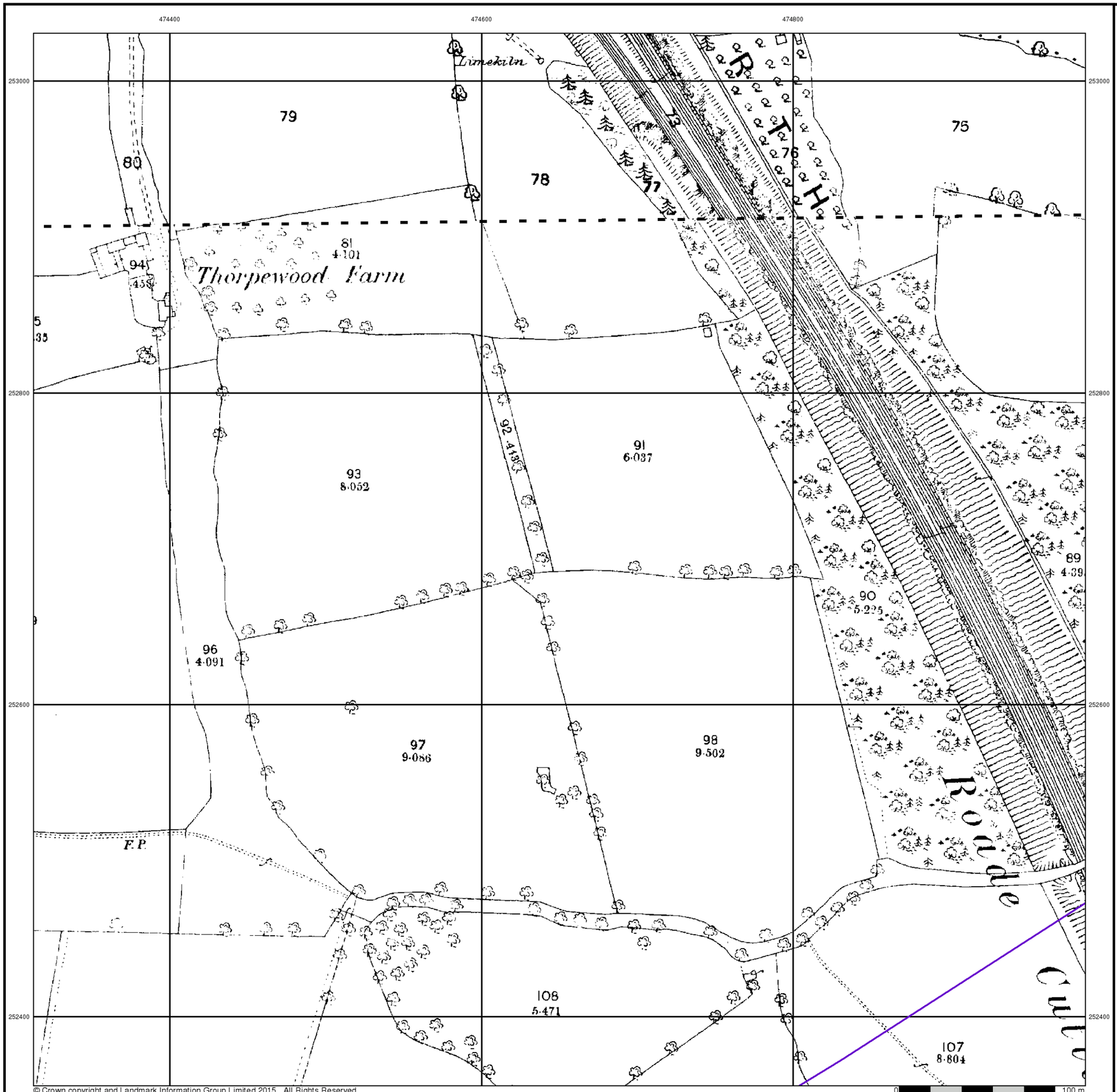
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Order Number: 90638346_1_1
Customer Ref: 313418
National Grid Reference: 474760, 252550
Slice: C
Site Area (Ha): 72.92
Search Buffer (m): 100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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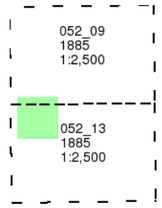
Northamptonshire

Published 1885

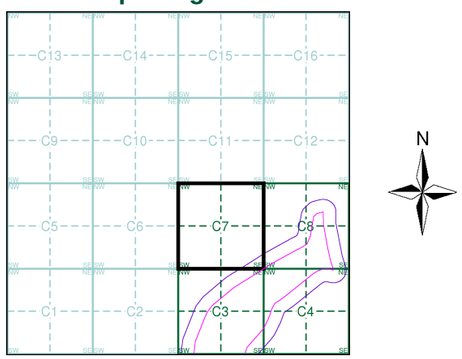
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C7



Order Details

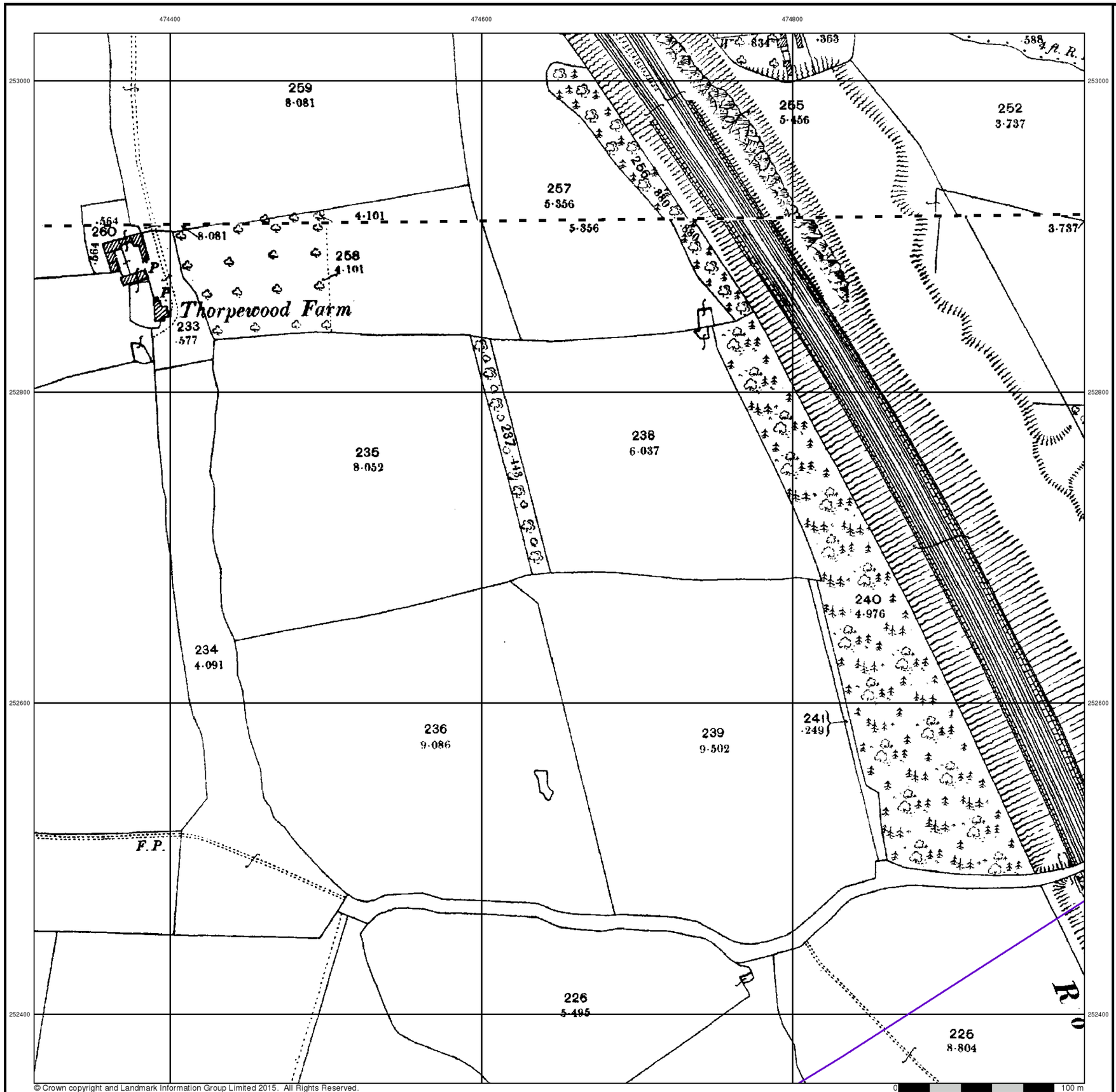
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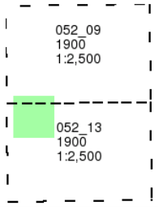
Northamptonshire

Published 1900

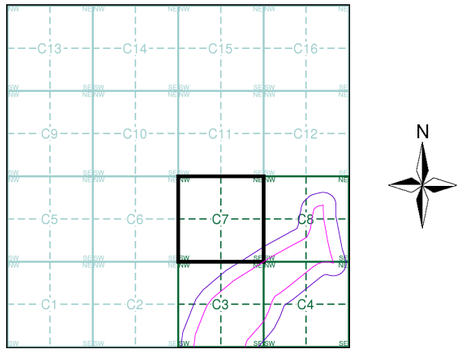
Source map scale - 1:2,500

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Historical Map - Segment C7



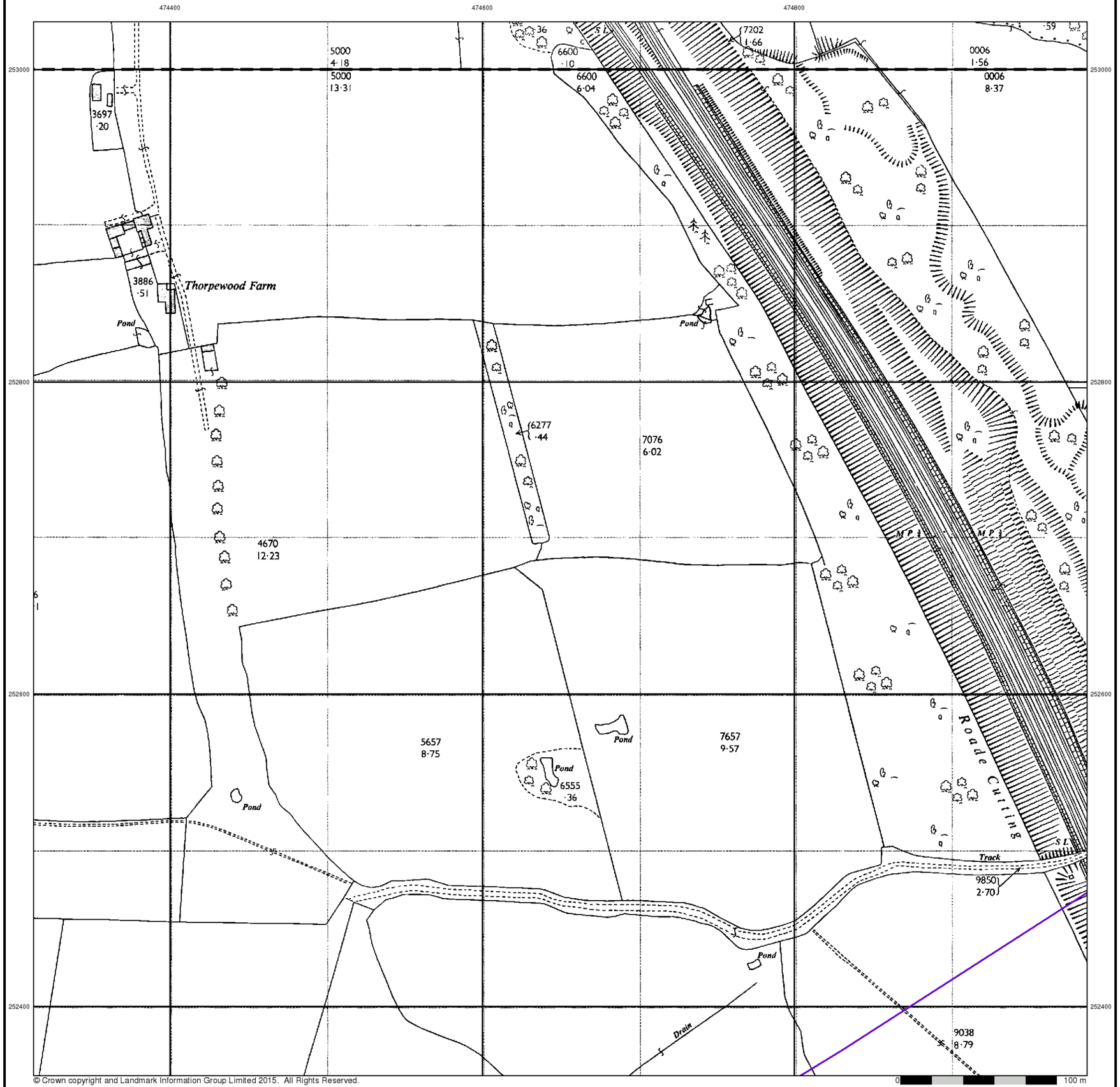
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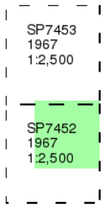
Ordnance Survey Plan

Published 1967

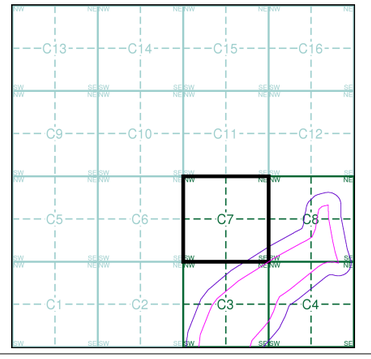
Source map scale - 1:2,500

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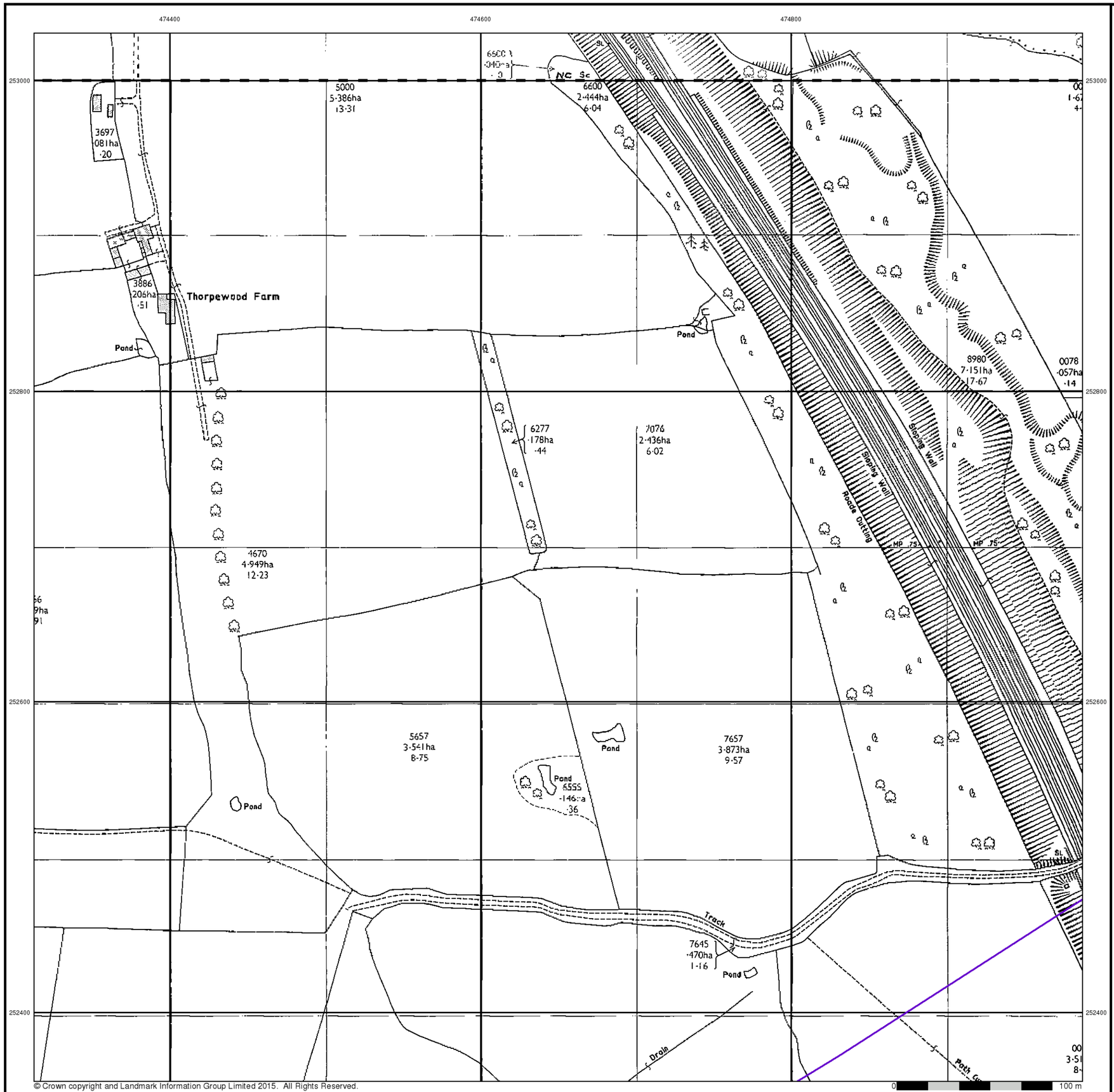
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Additional SIMs

Published 1967 - 1986

Source map scale - 1:2,500

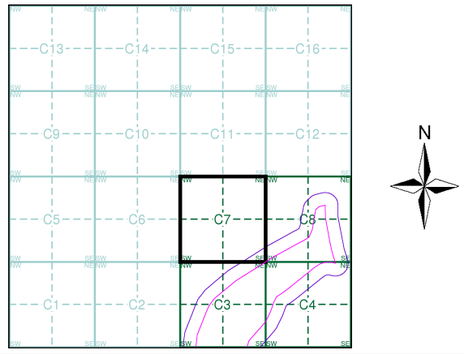
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Map Name(s) and Date(s)

SP7453
1986
1:2,500

SP7452
1967
1:2,500

Historical Map - Segment C7



Order Details

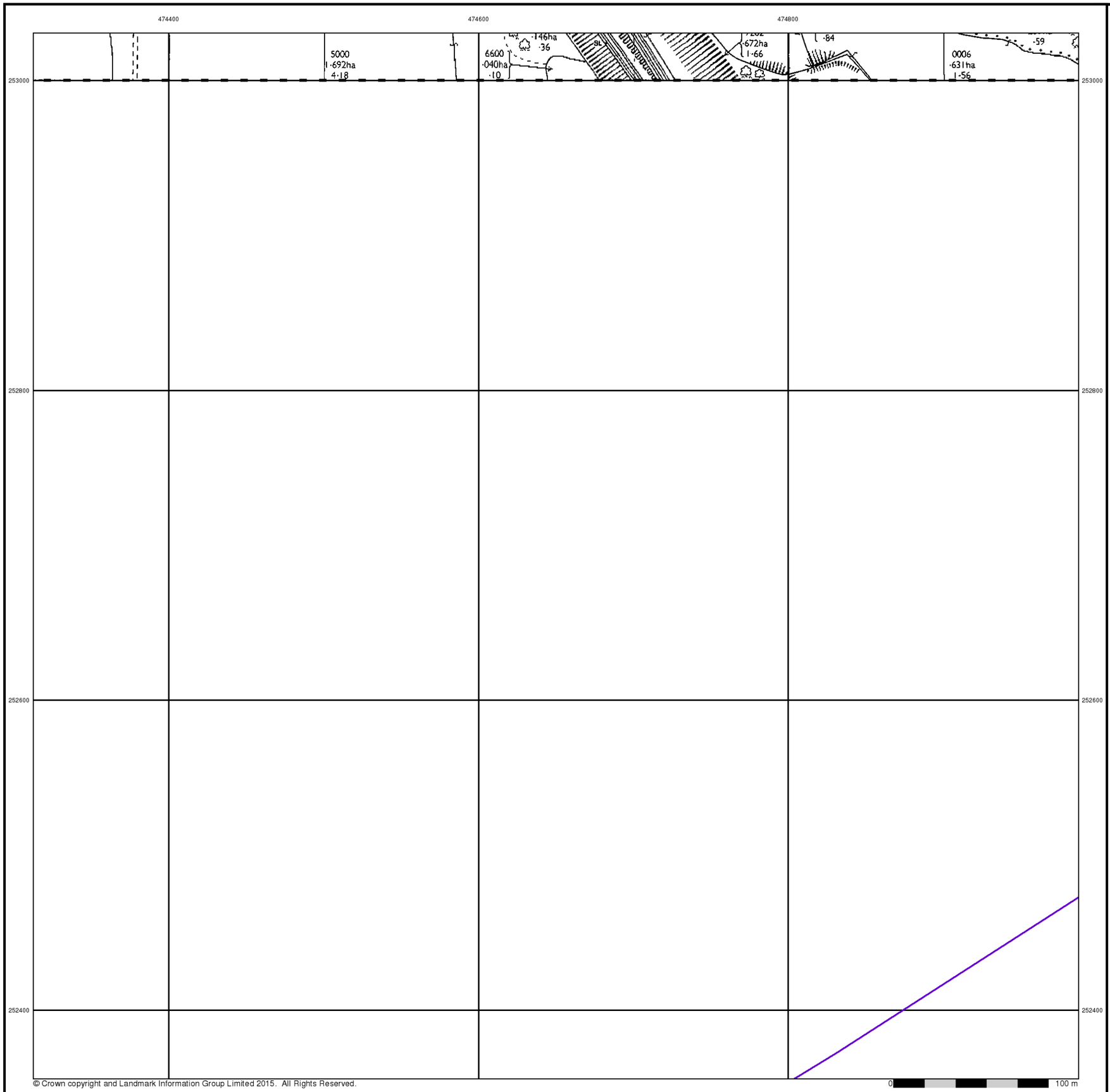
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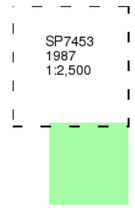
Additional SIMs

Published 1987

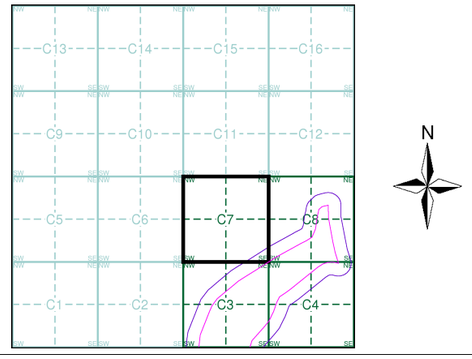
Source map scale - 1:2,500

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National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Large-Scale National Grid Data

Published 1993

Source map scale - 1:2,500

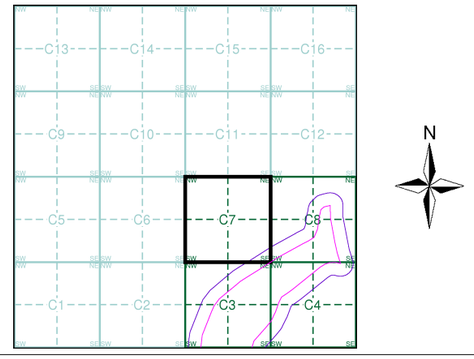
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SP7453
1993
1:2,500

SP7452
1993
1:2,500

Historical Map - Segment C7



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

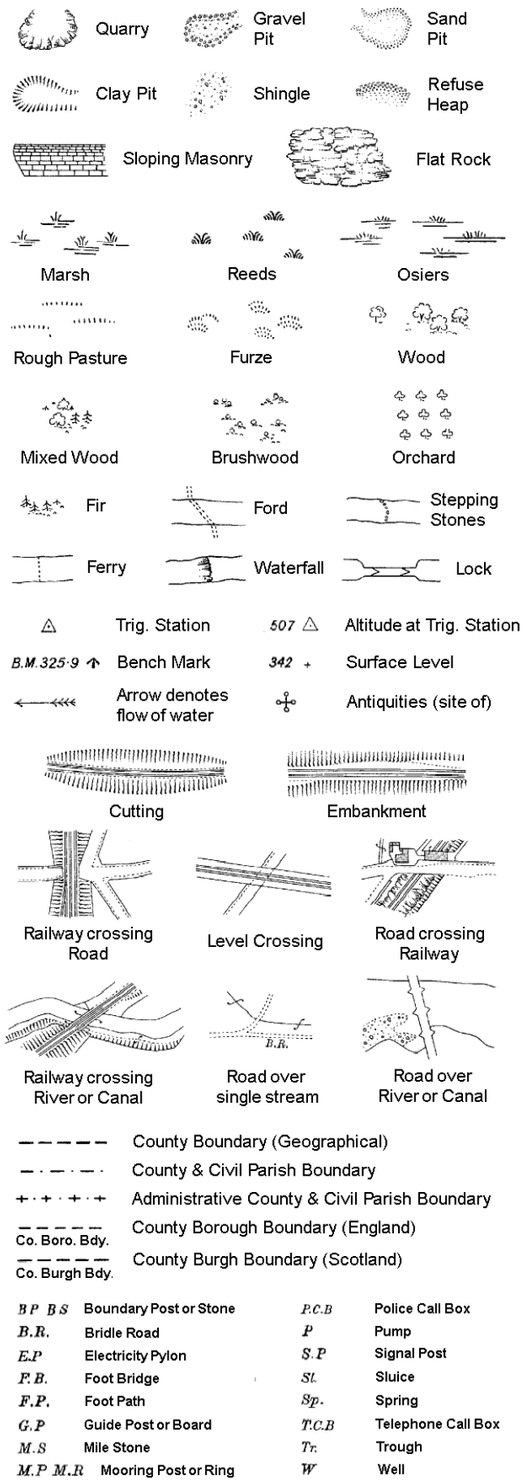
Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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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

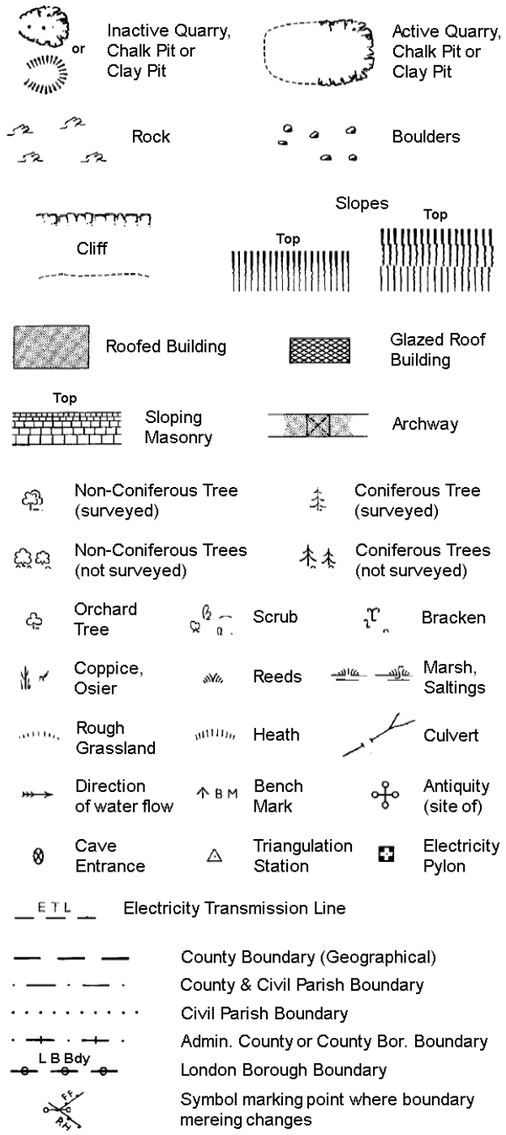
Administrative County & Civil Parish Boundary

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

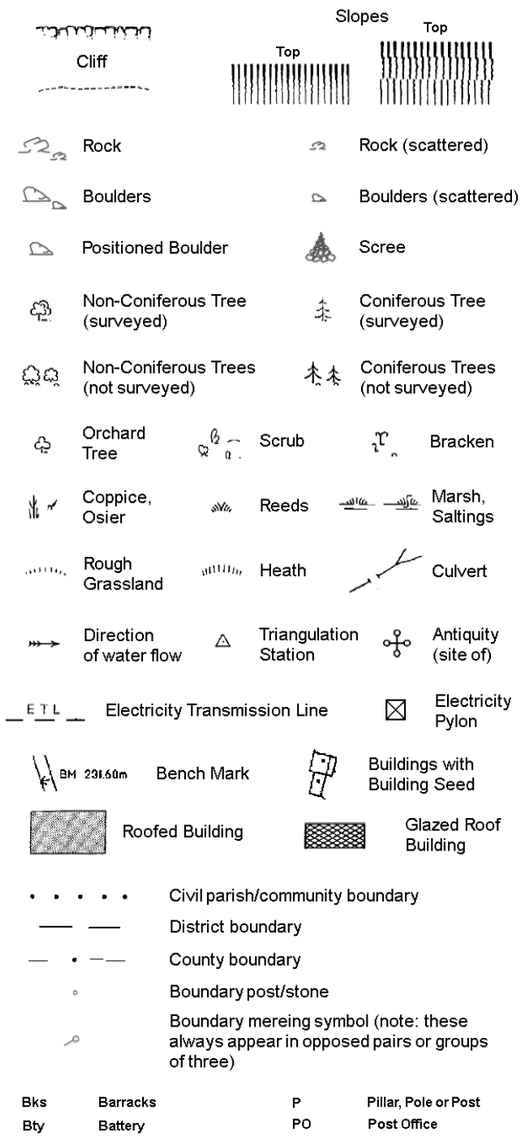
Admin. County or County Bor. Boundary

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)

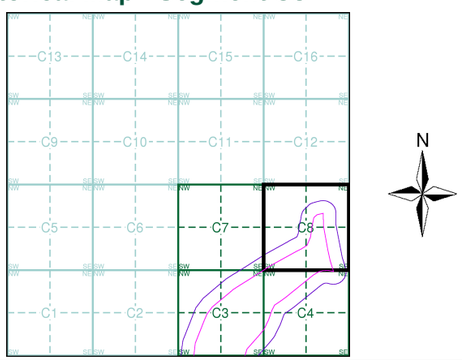
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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
Northamptonshire	1:2,500	1885	2
Northamptonshire	1:2,500	1900	3
Ordnance Survey Plan	1:2,500	1967	4
Additional SIMs	1:2,500	1967 - 1986	5
Supply of Unpublished Survey Information	1:2,500	1975	6
Ordnance Survey Plan	1:2,500	1979	7
Additional SIMs	1:2,500	1986 - 1987	8
Large-Scale National Grid Data	1:2,500	1993	9

Historical Map - Segment C8



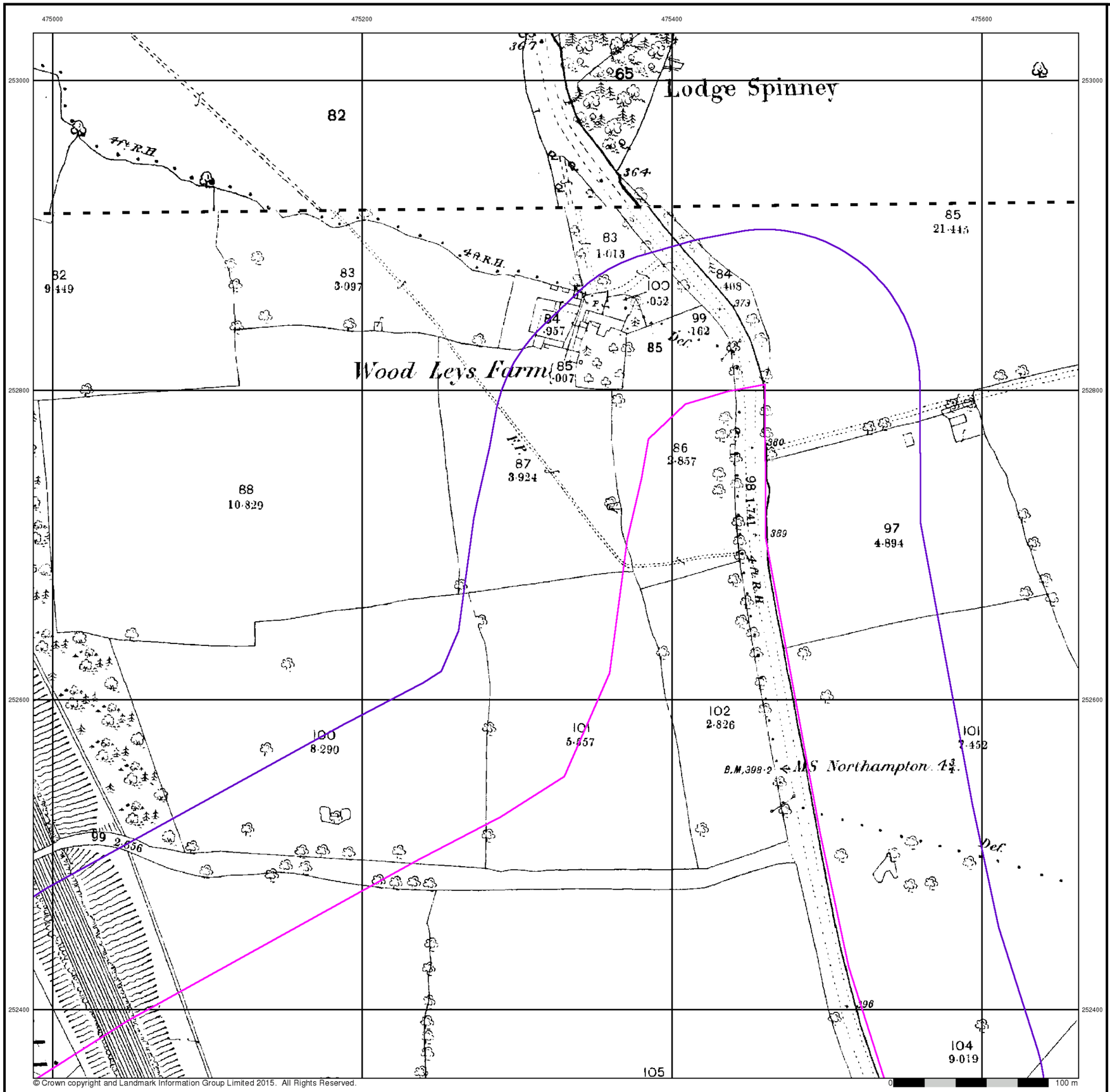
Order Details

Order Number: 90638346_1_1
Customer Ref: 313418
National Grid Reference: 474760, 252550
Slice: C
Site Area (Ha): 72.92
Search Buffer (m): 100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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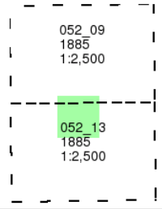
Northamptonshire

Published 1885

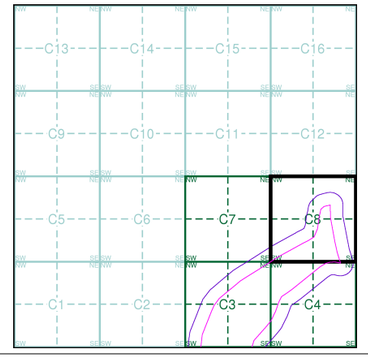
Source map scale - 1:2,500

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



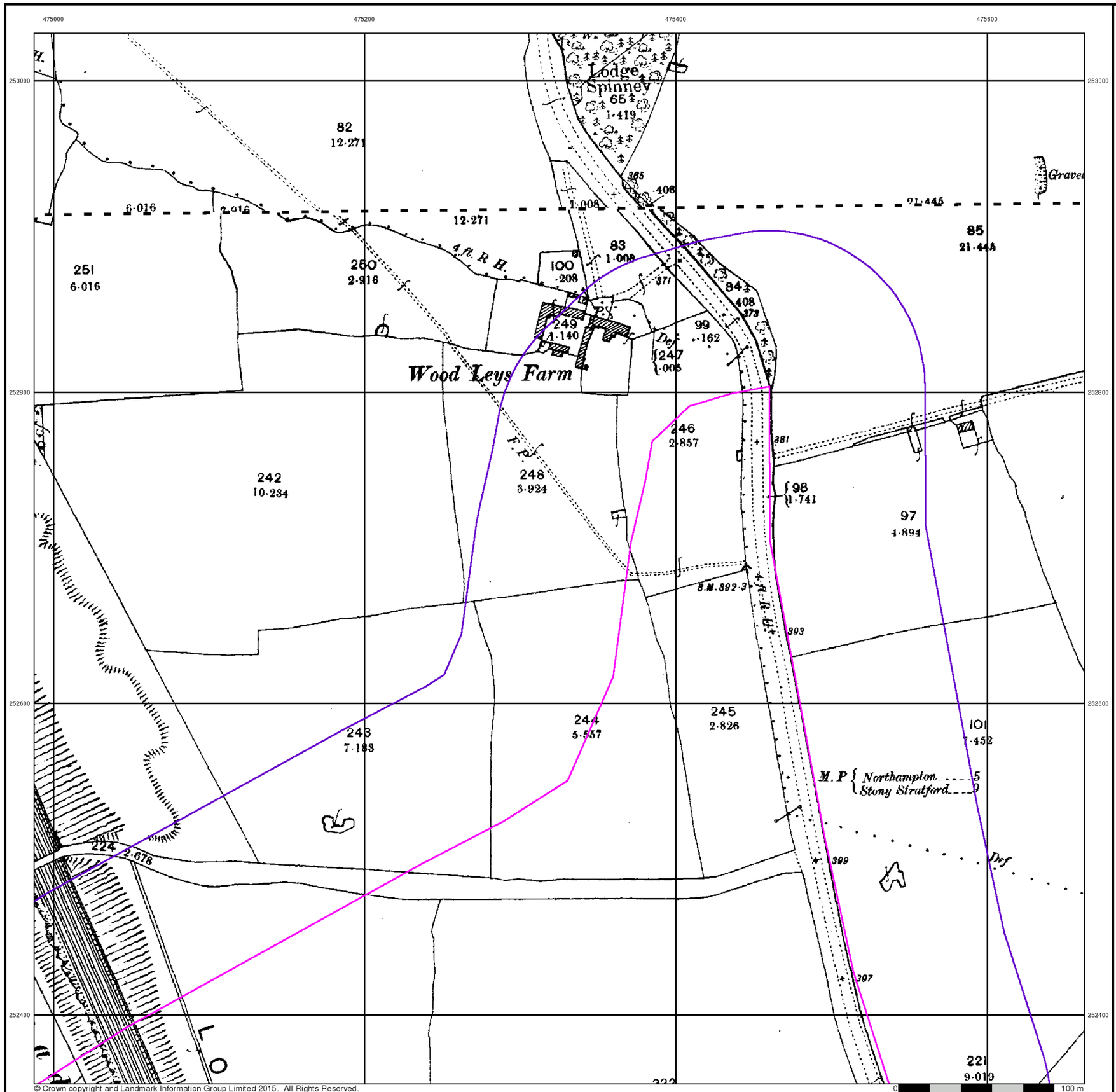
Order Details

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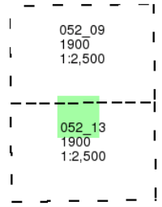
Northamptonshire

Published 1900

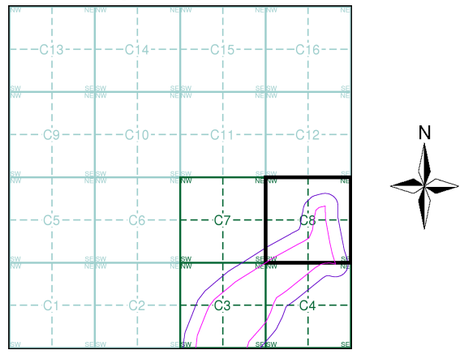
Source map scale - 1:2,500

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



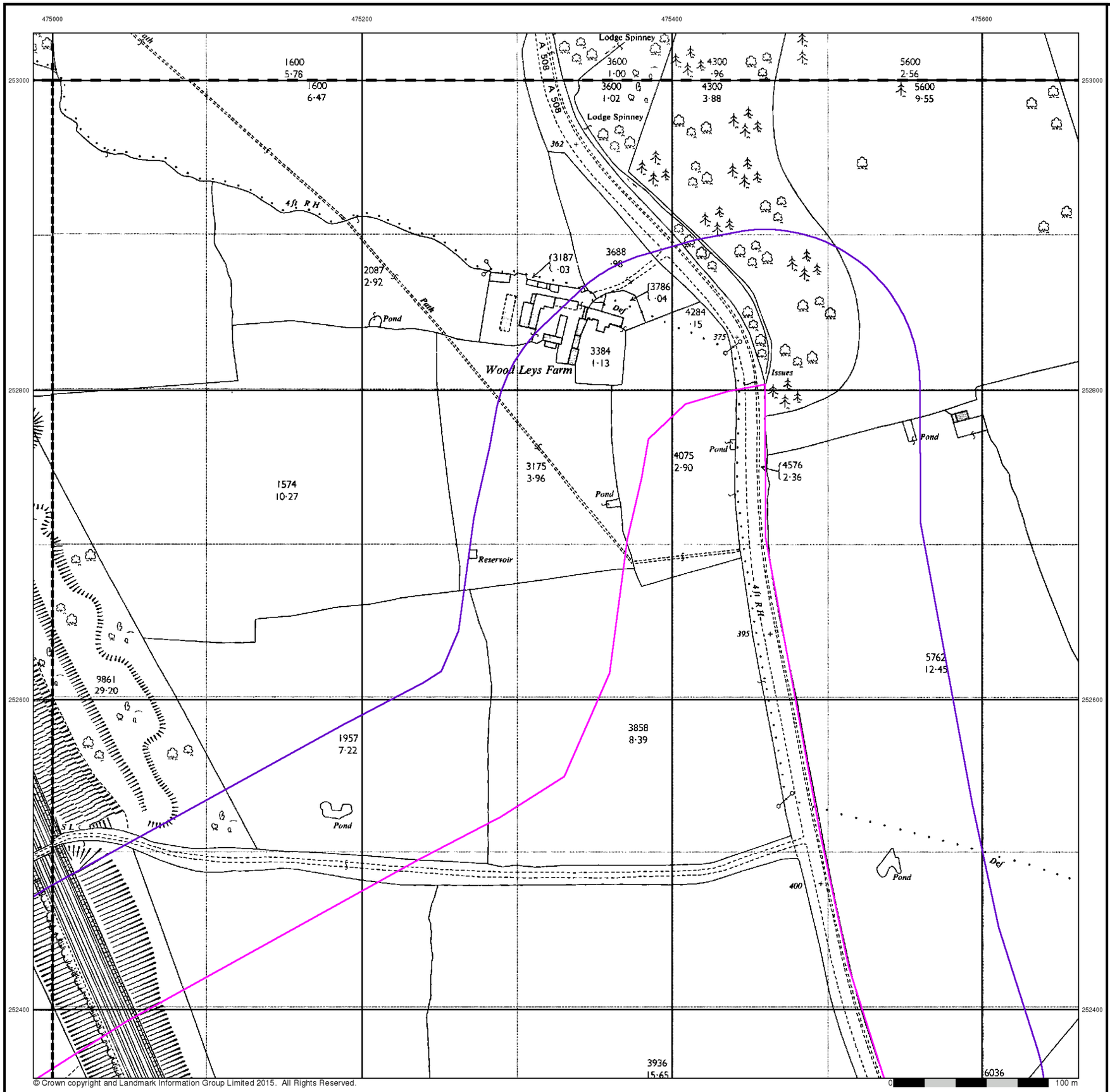
Order Details

Order Number:	90638346_1_1
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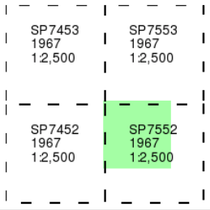
Ordnance Survey Plan

Published 1967

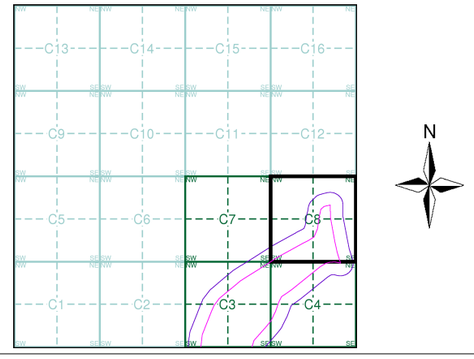
Source map scale - 1:2,500

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



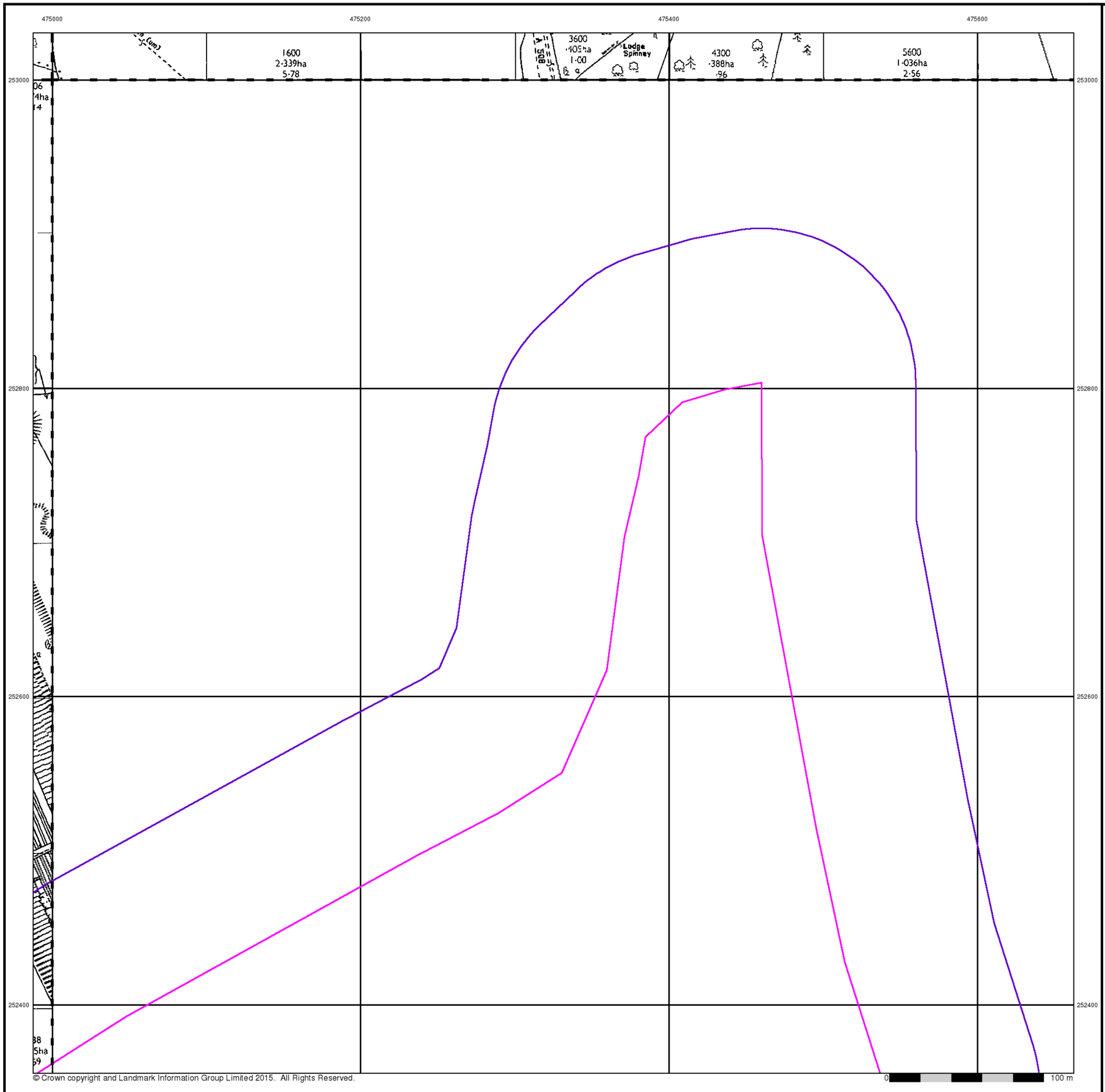
Order Details

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Customer Ref:	313418
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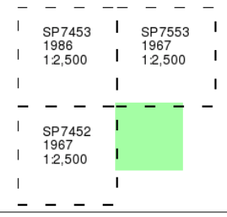
Additional SIMs

Published 1967 - 1986

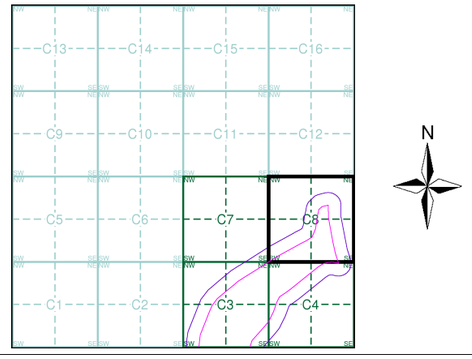
Source map scale - 1:2,500

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 C8



Order Details

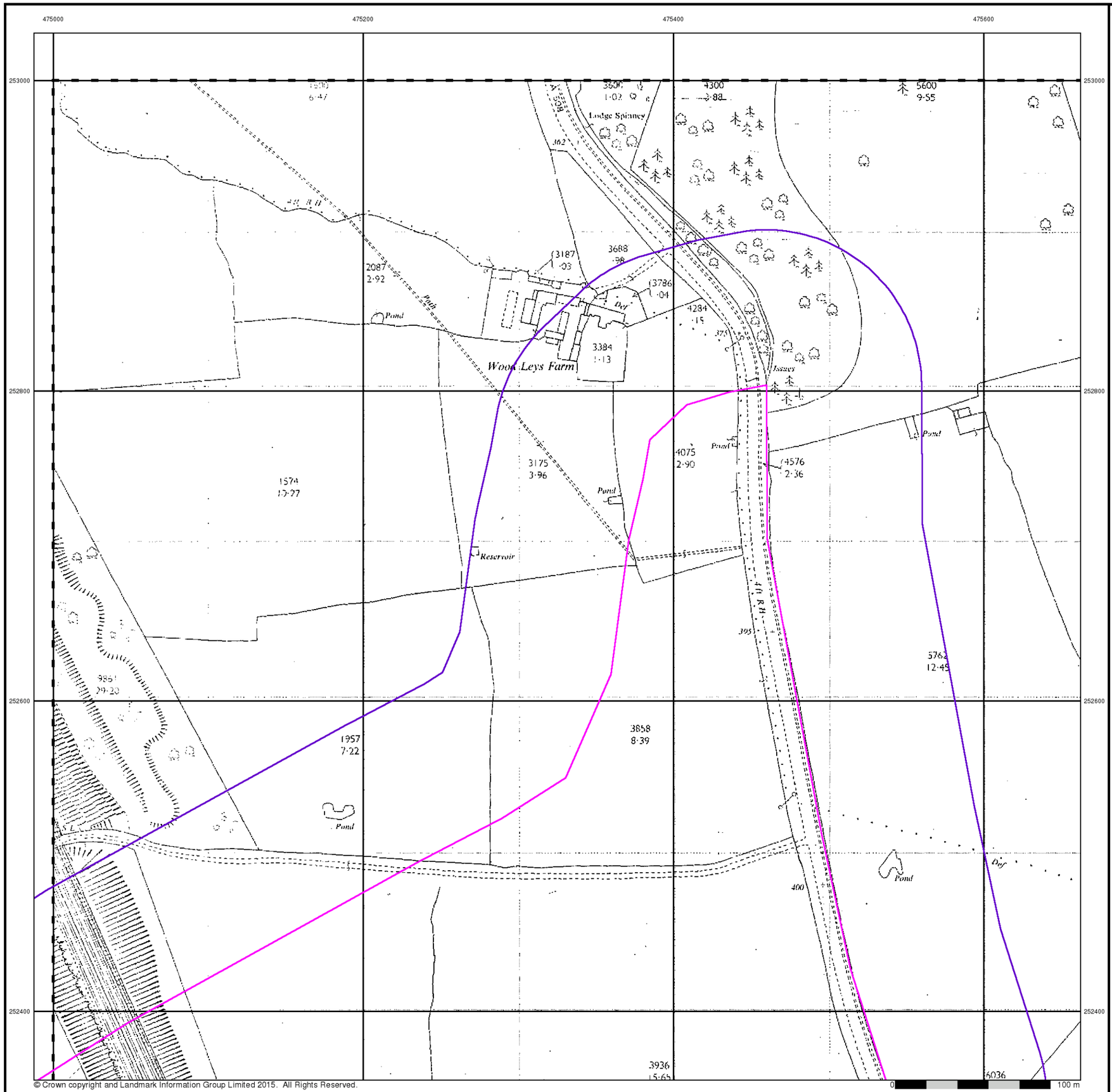
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Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

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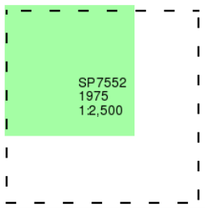
Supply of Unpublished Survey Information

Published 1975

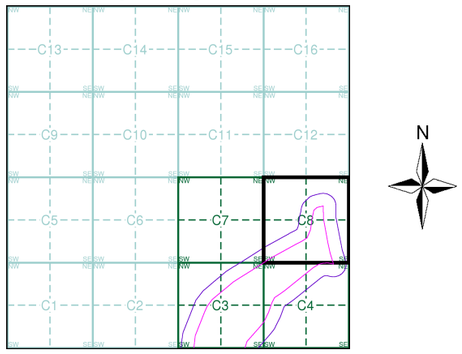
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C8



Order Details

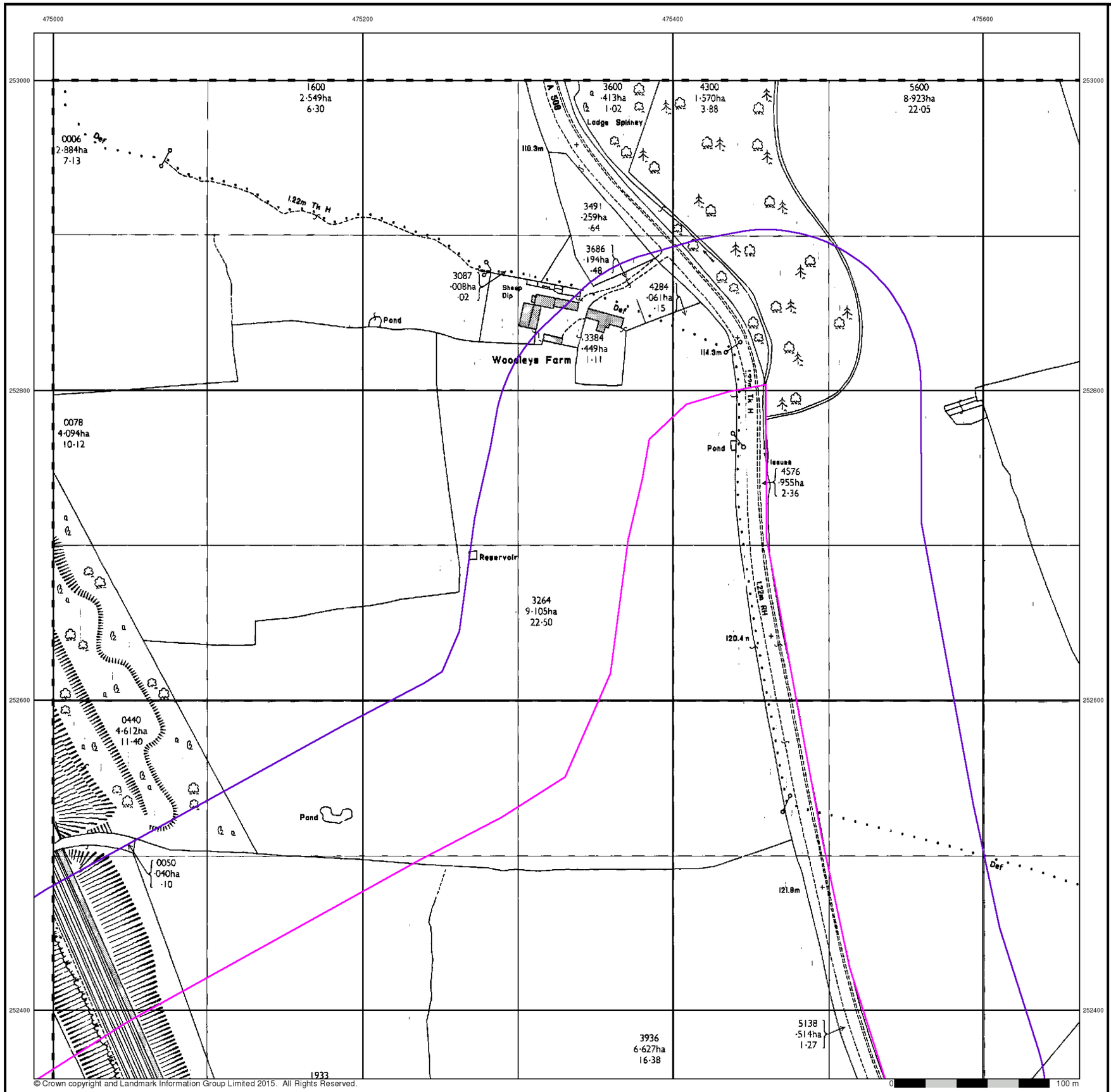
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Customer Ref:	313418
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Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

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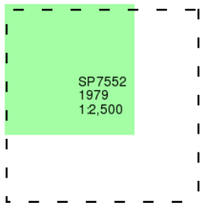
Ordnance Survey Plan

Published 1979

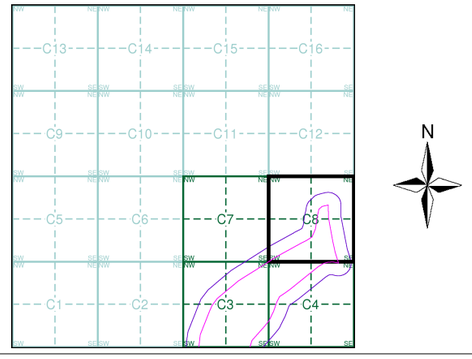
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C8



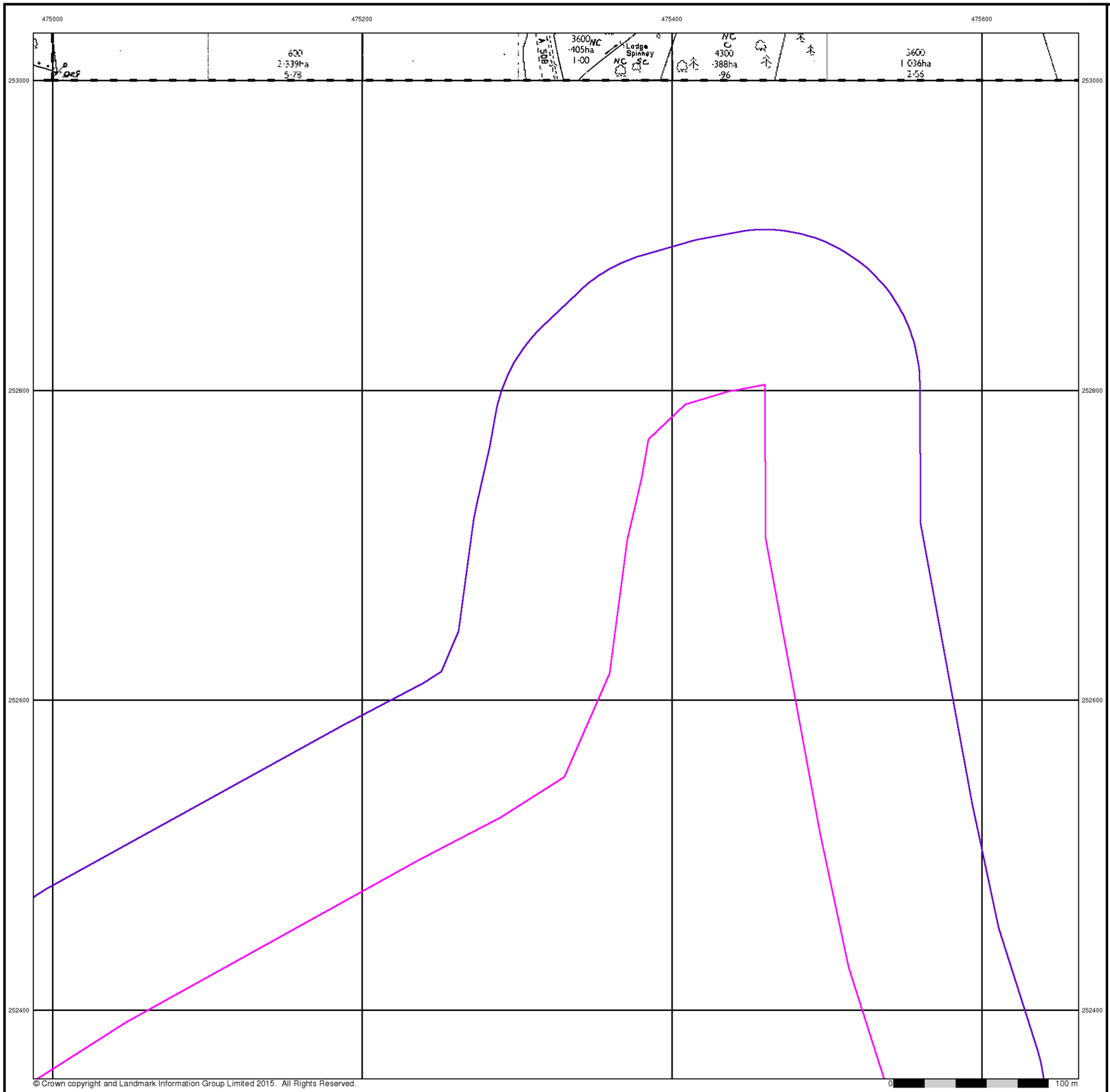
Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
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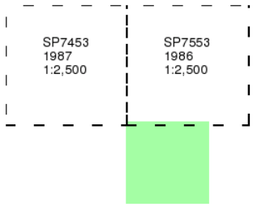
Additional SIMs

Published 1986 - 1987

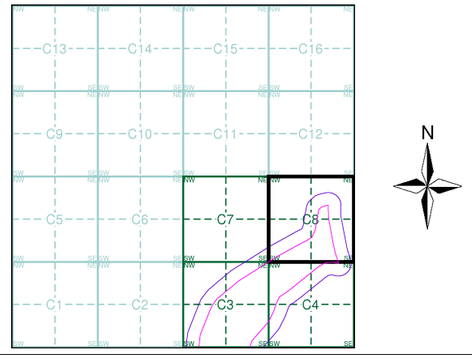
Source map scale - 1:2,500

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 C8



Order Details

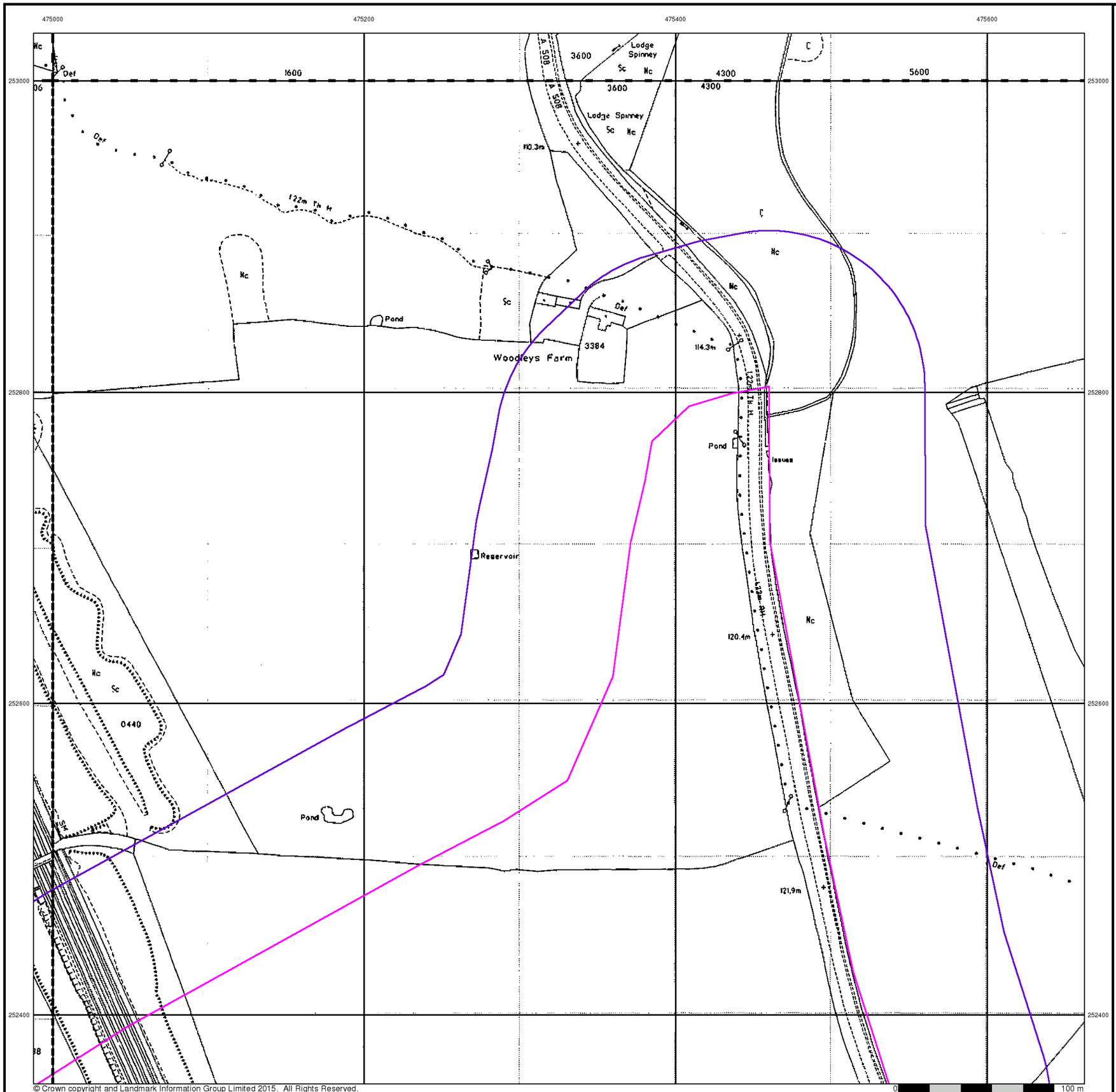
Order Number:	90638346_1_1
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Large-Scale National Grid Data

Published 1993

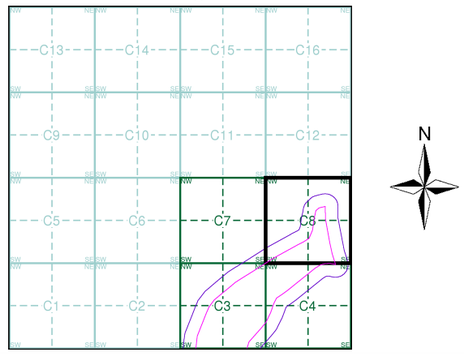
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SP7453 1993 1:2,500	SP7553 1993 1:2,500
SP7452 1993 1:2,500	SP7552 1993 1:2,500

Historical Map - Segment C8



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474760, 252550
Slice:	C
Site Area (Ha):	72.92
Search Buffer (m):	100

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Geology 1:10,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TILMP	TILL, MID PLEISTOCENE	Diamicton	Ipswichian - Cromerian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	WBRO	Wellingborough Limestone Member	Limestone and Mudstone, Interbedded	Bathonian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	NS	Northampton Sand Formation	Sandstone, Limestone and Ironstone	Aalenian - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
	Fault			

Envirocheck® Geology

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

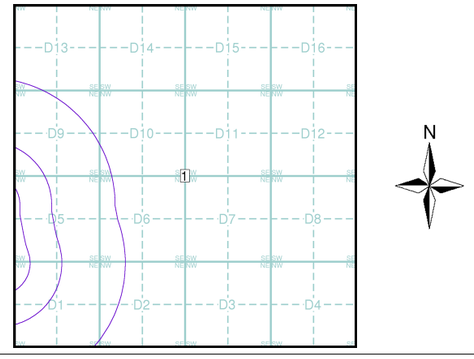
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID: 1
Map Name: SP75SE
Map Date: 1961
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Faults: Available
Landslip: Available
Rock Segments: Not Available

Geology 1:10,000 Maps - Slice D



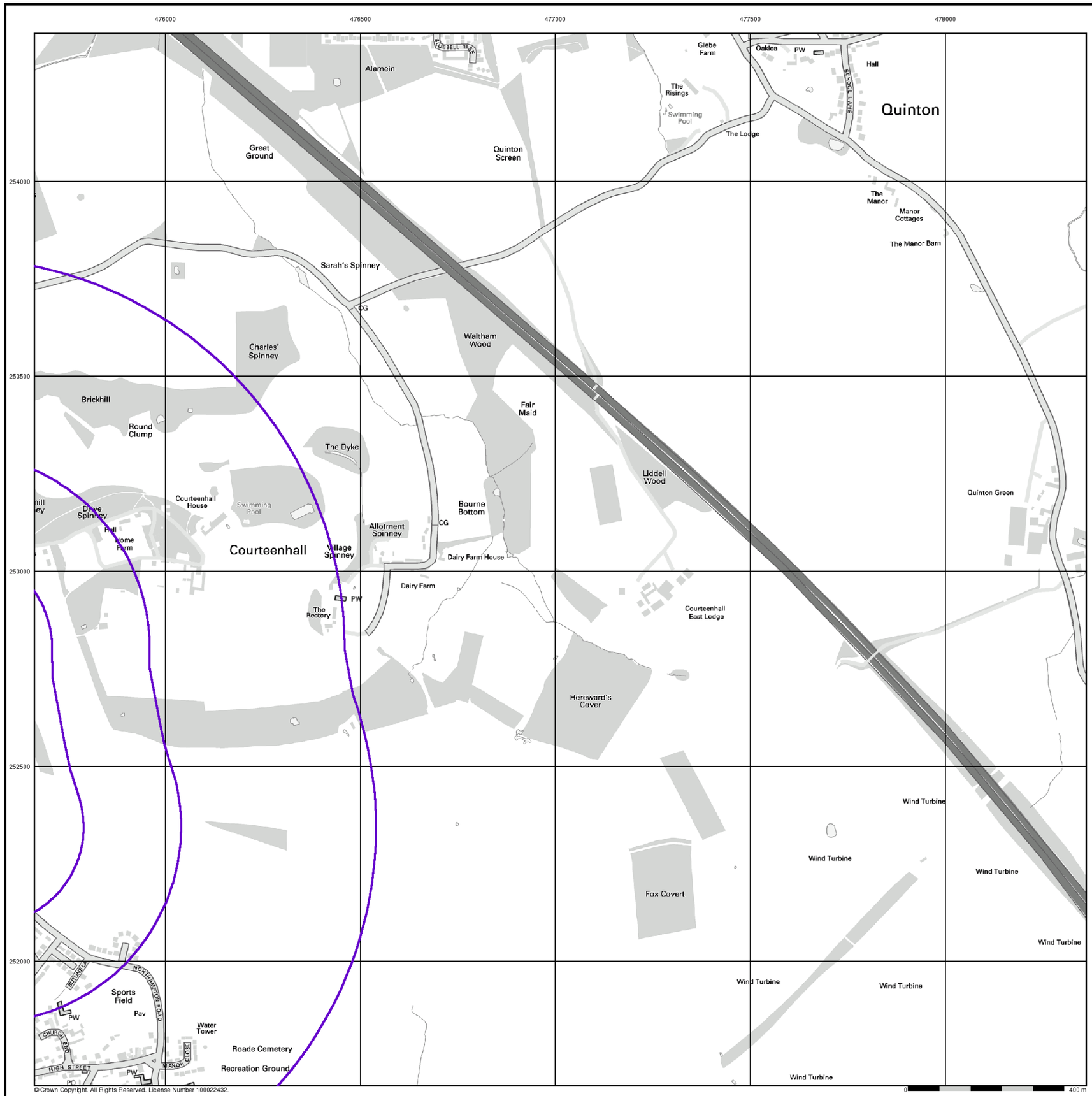
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Order Number: 90638346_1_1
Customer Ref: 313418
National Grid Reference: 476040, 252630
Slice: D
Site Area (Ha): 72.92
Search Buffer (m): 1000

Site Details

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Envirocheck® Geology

Artificial Ground and Landslip

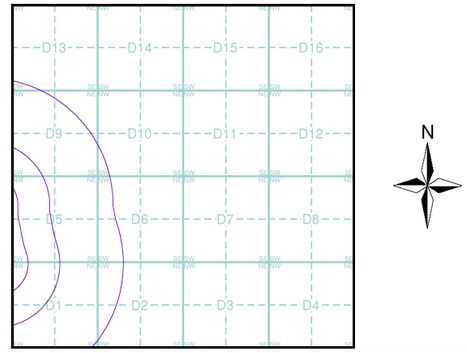
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice D



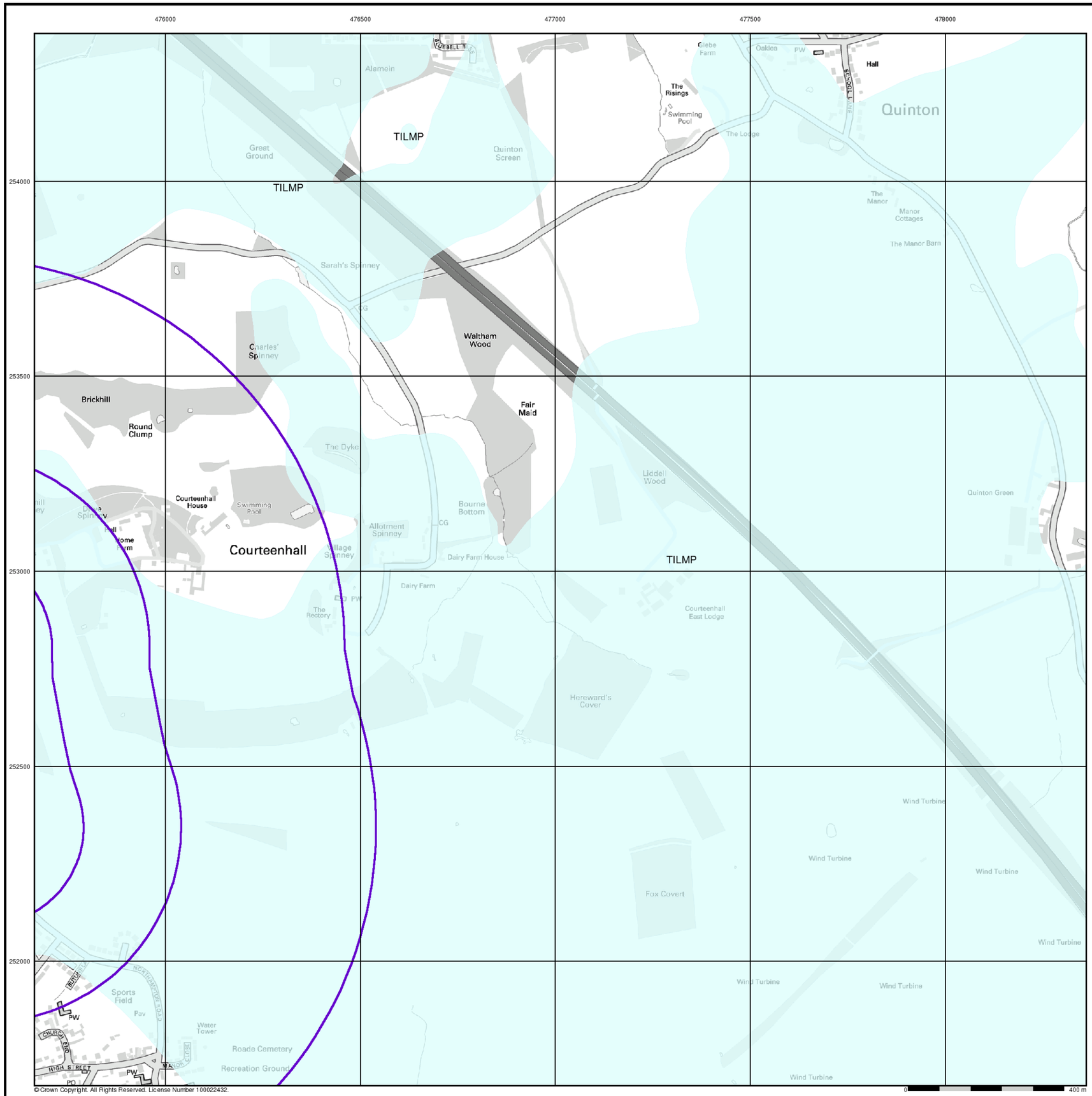
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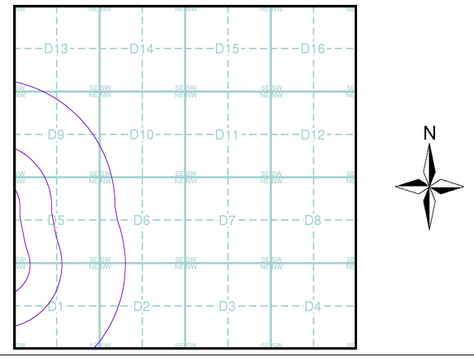
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice D



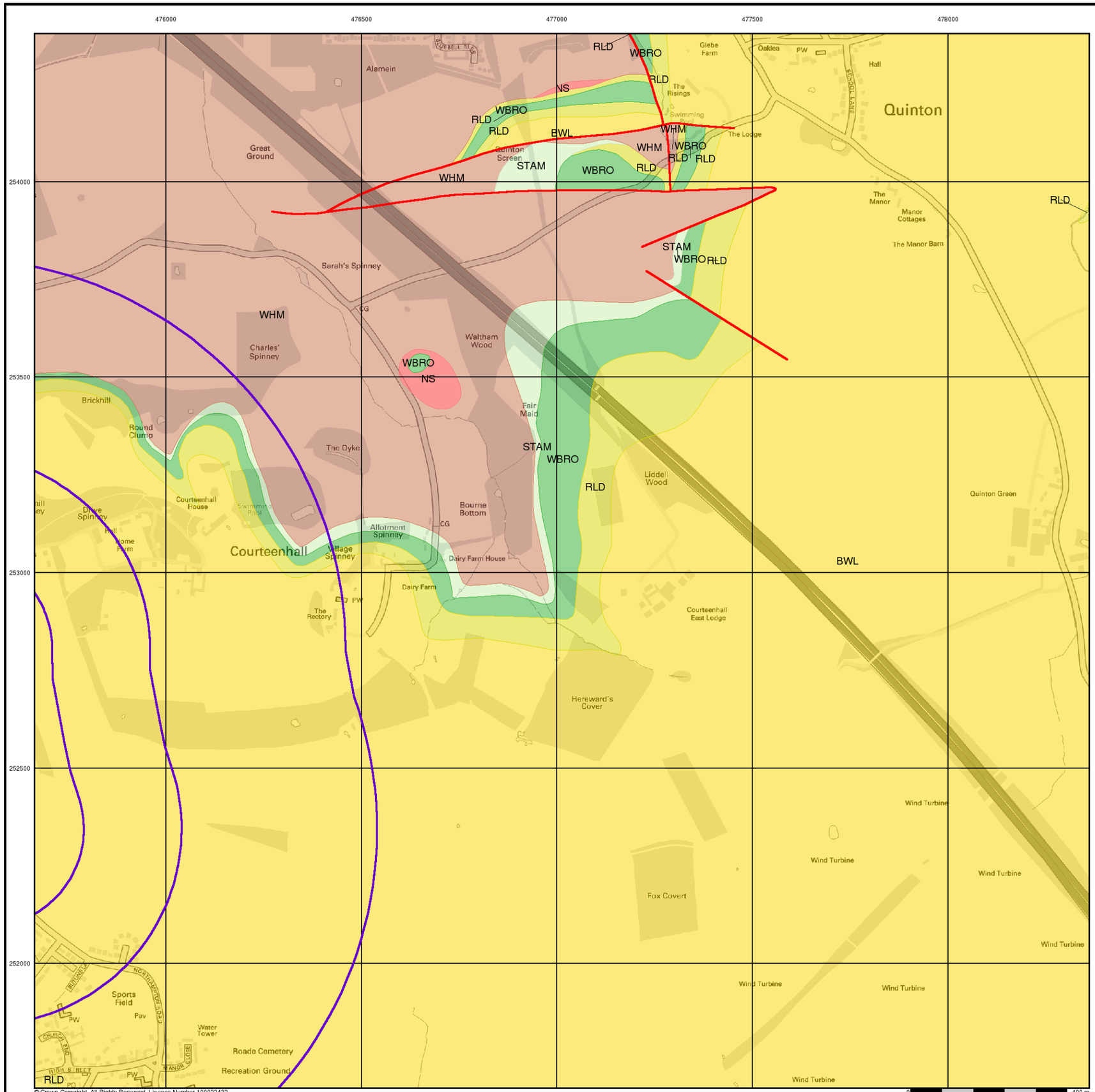
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Envirocheck® Geology

Bedrock and Faults

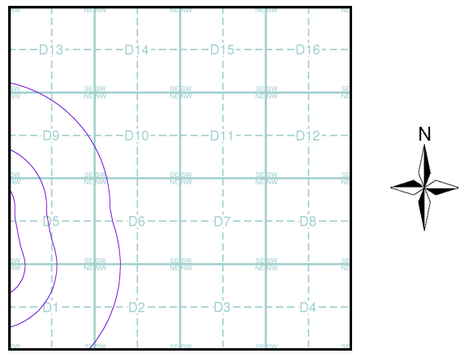
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice D



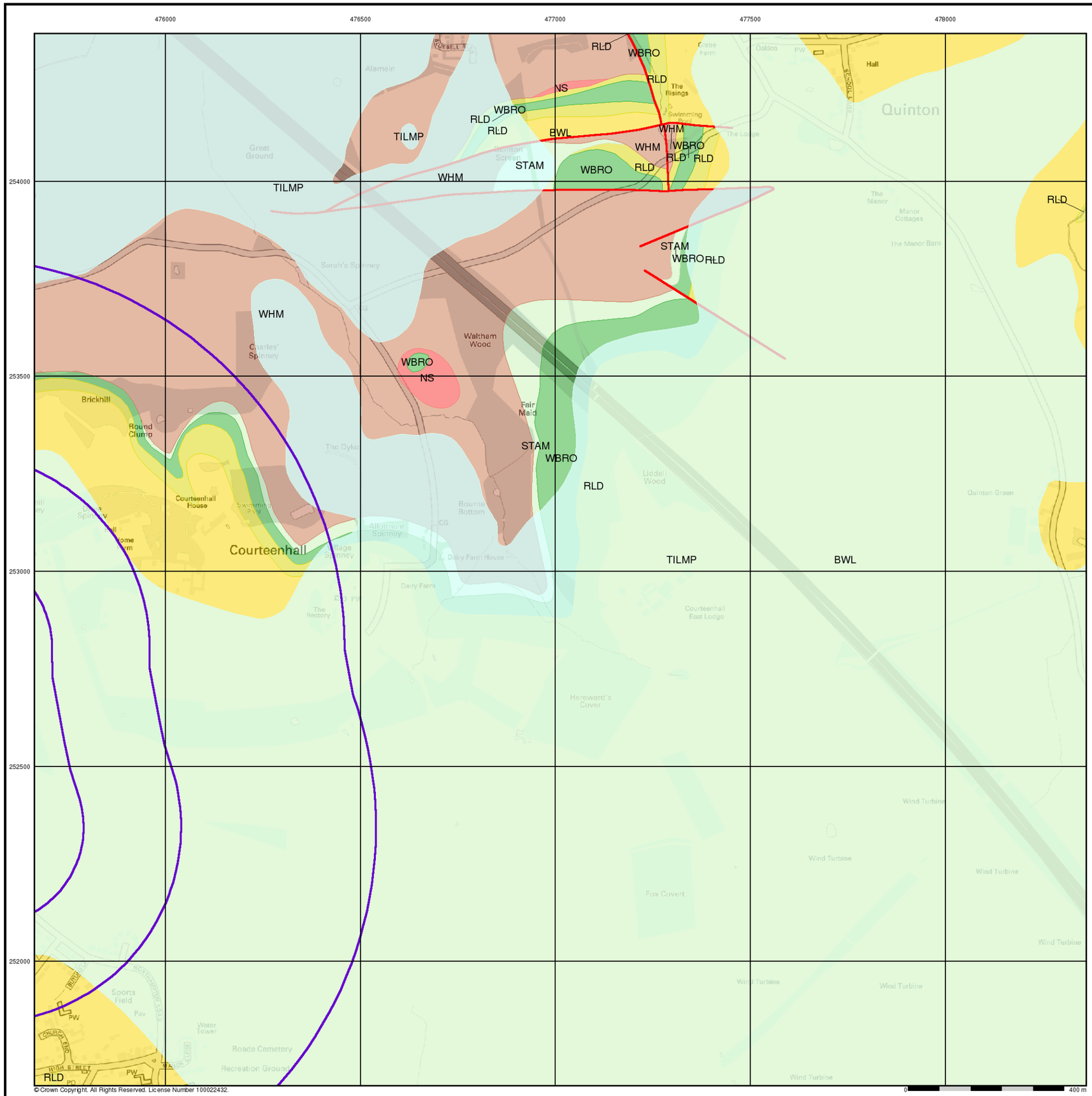
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Envirocheck® Geology

Combined Surface Geology

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

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

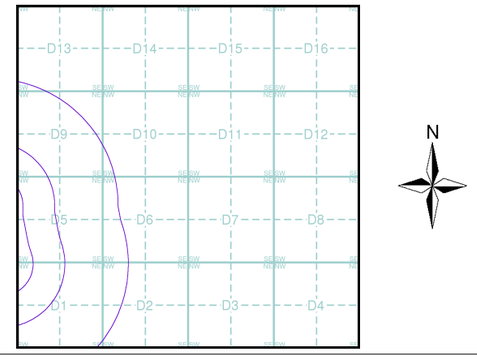
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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

Combined Geology Map - Slice D

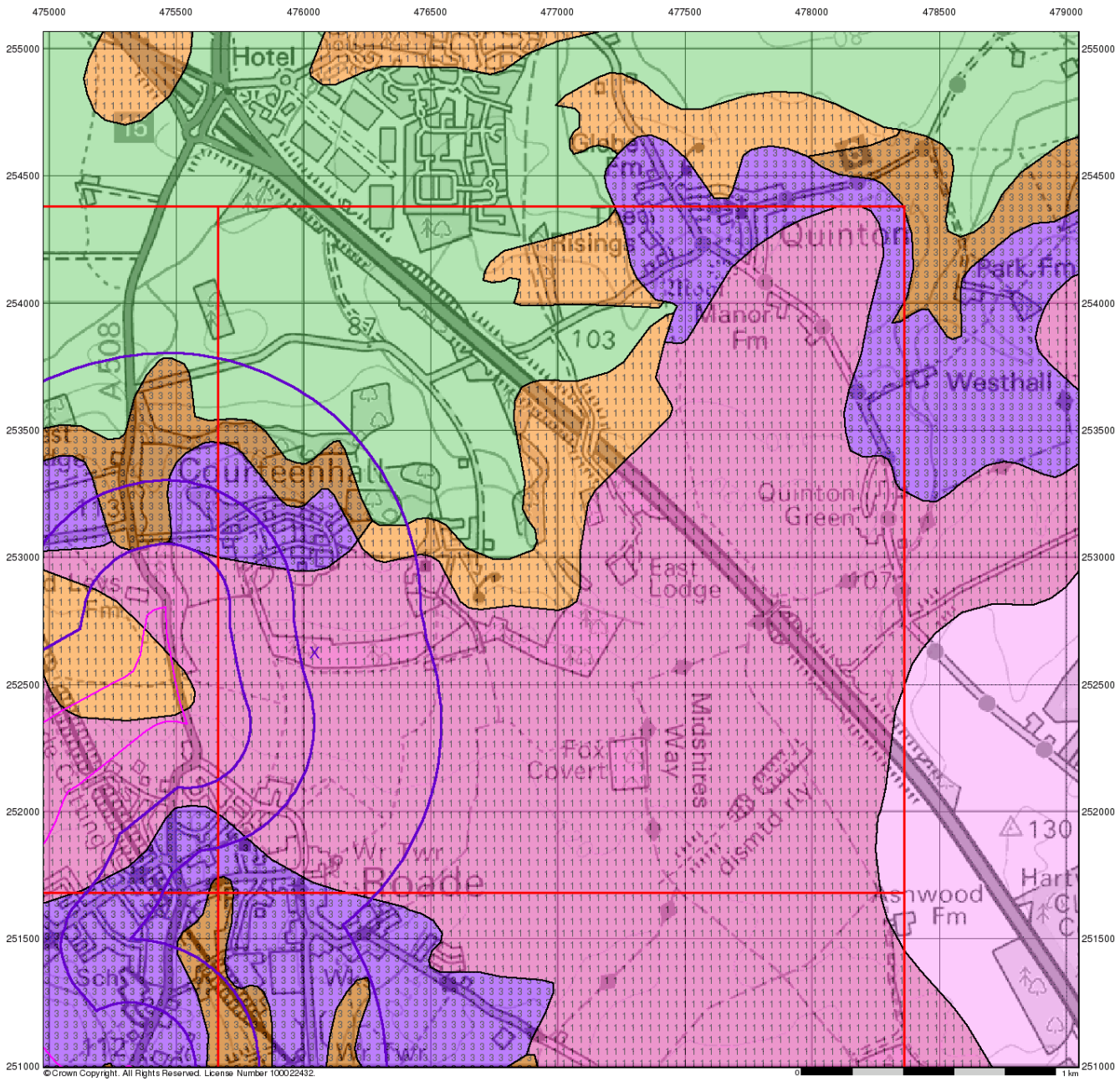


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Groundwater Vulnerability

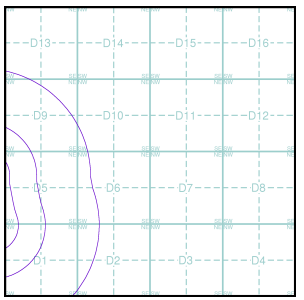
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice D



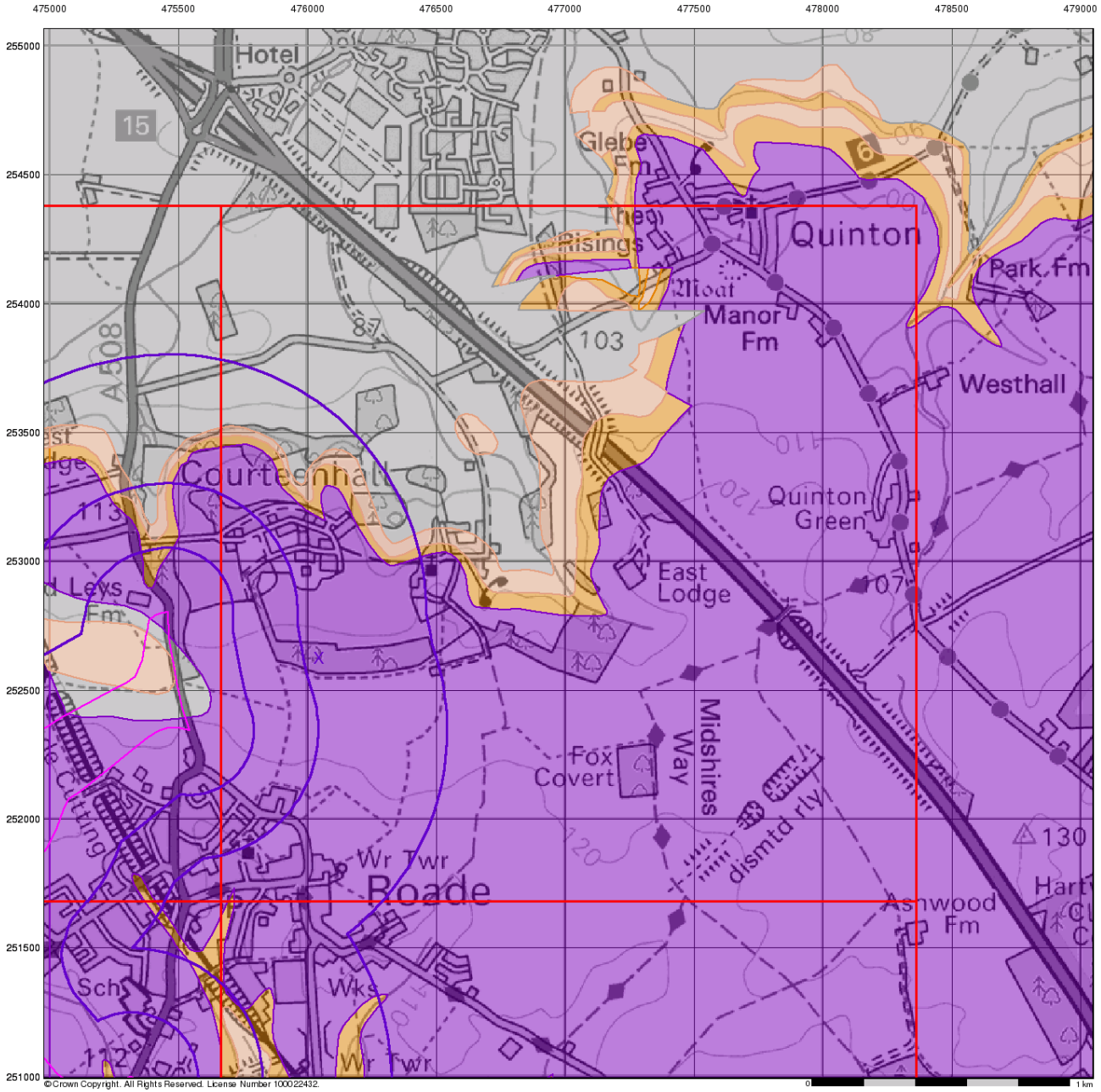
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Bedrock Aquifer Designation

General

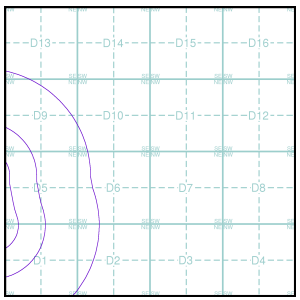
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



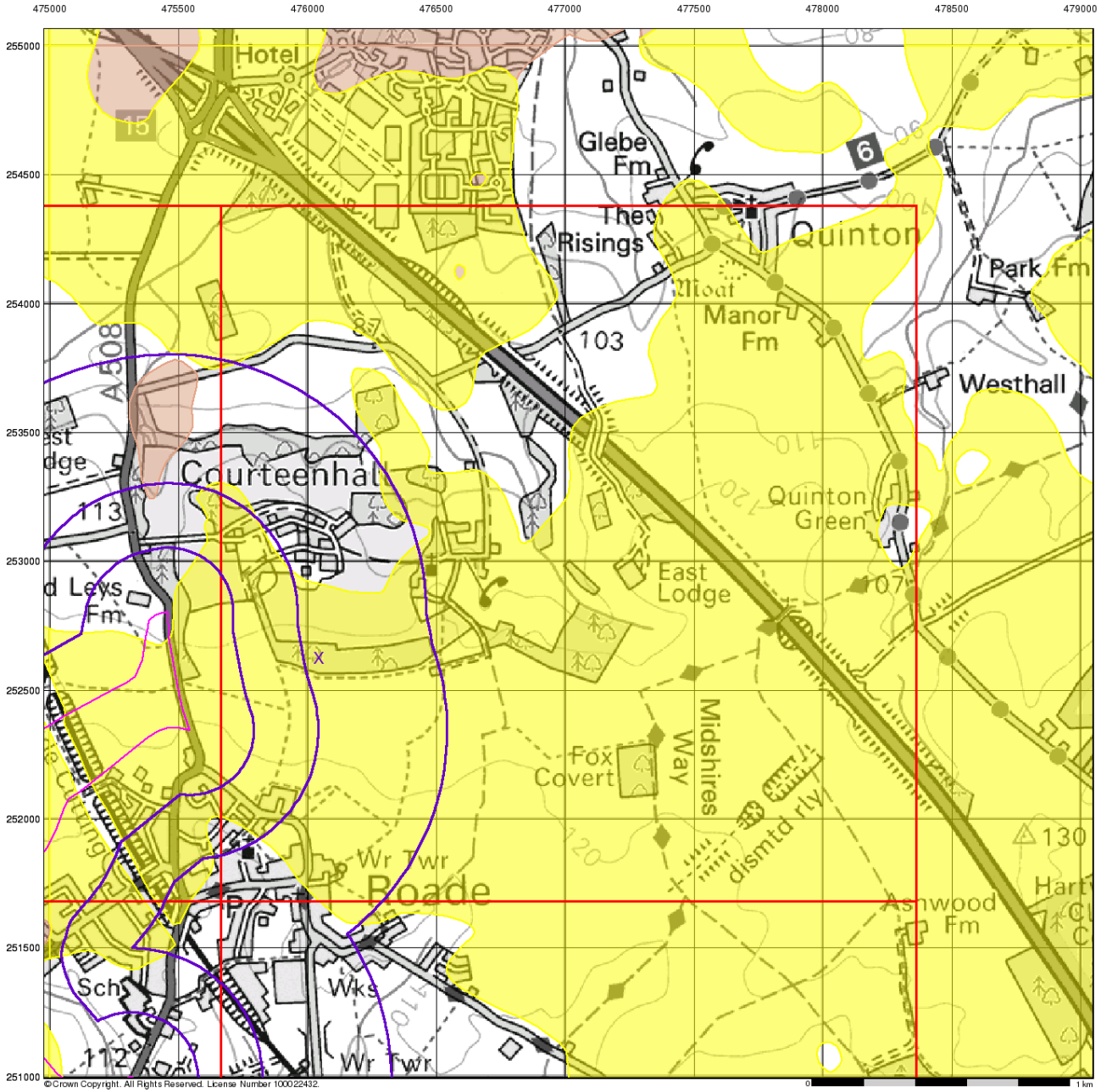
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Superficial Aquifer Designation

General

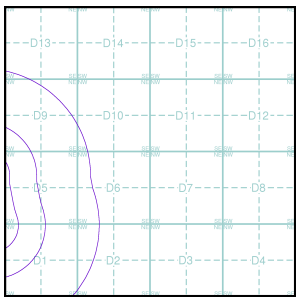
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

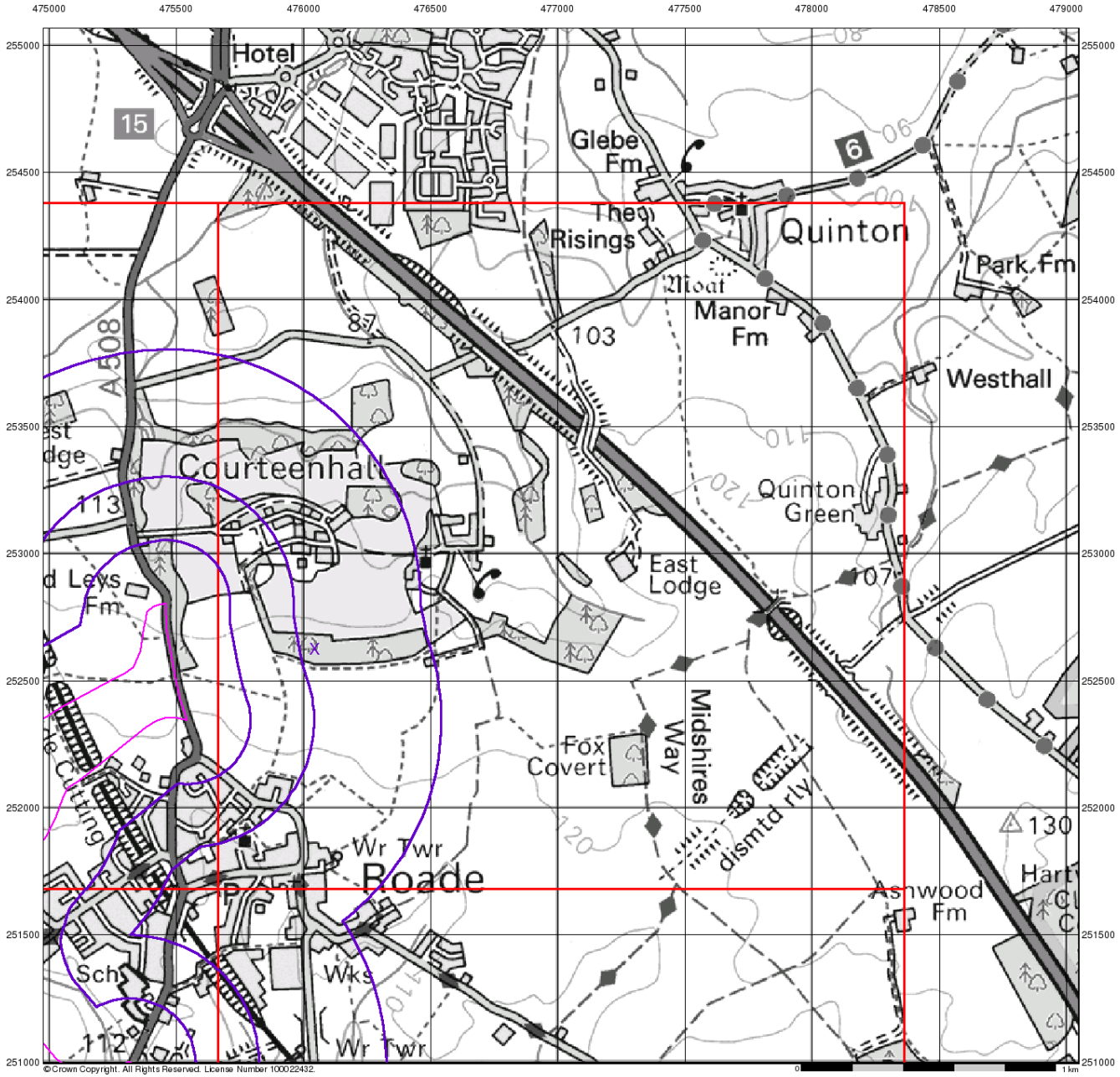


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Search Buffer (m):	1000

Site Details

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Source Protection Zones

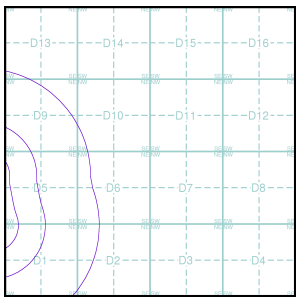
General

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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice D



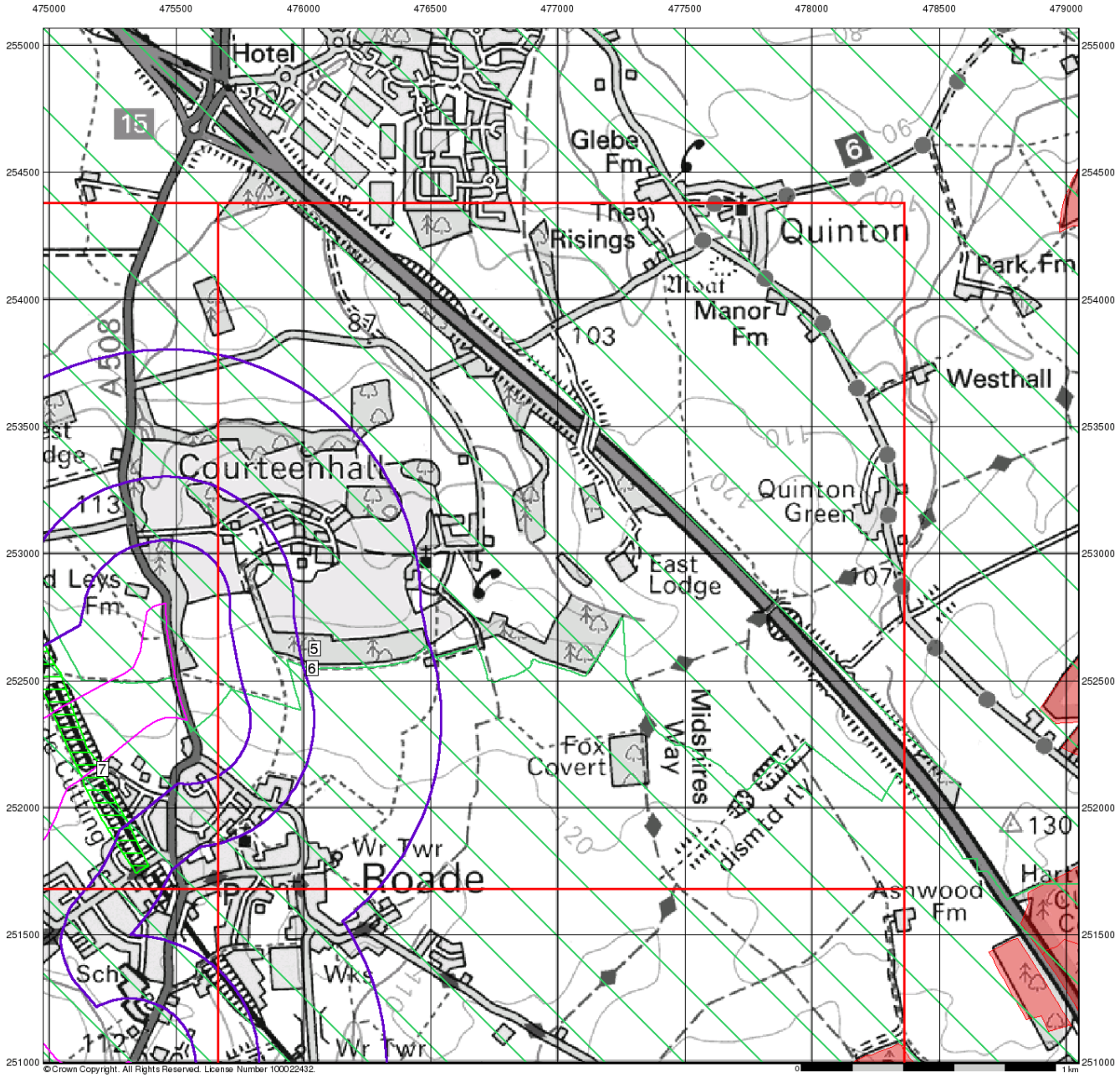
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Sensitive Land Uses

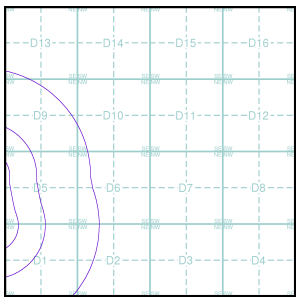
General

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

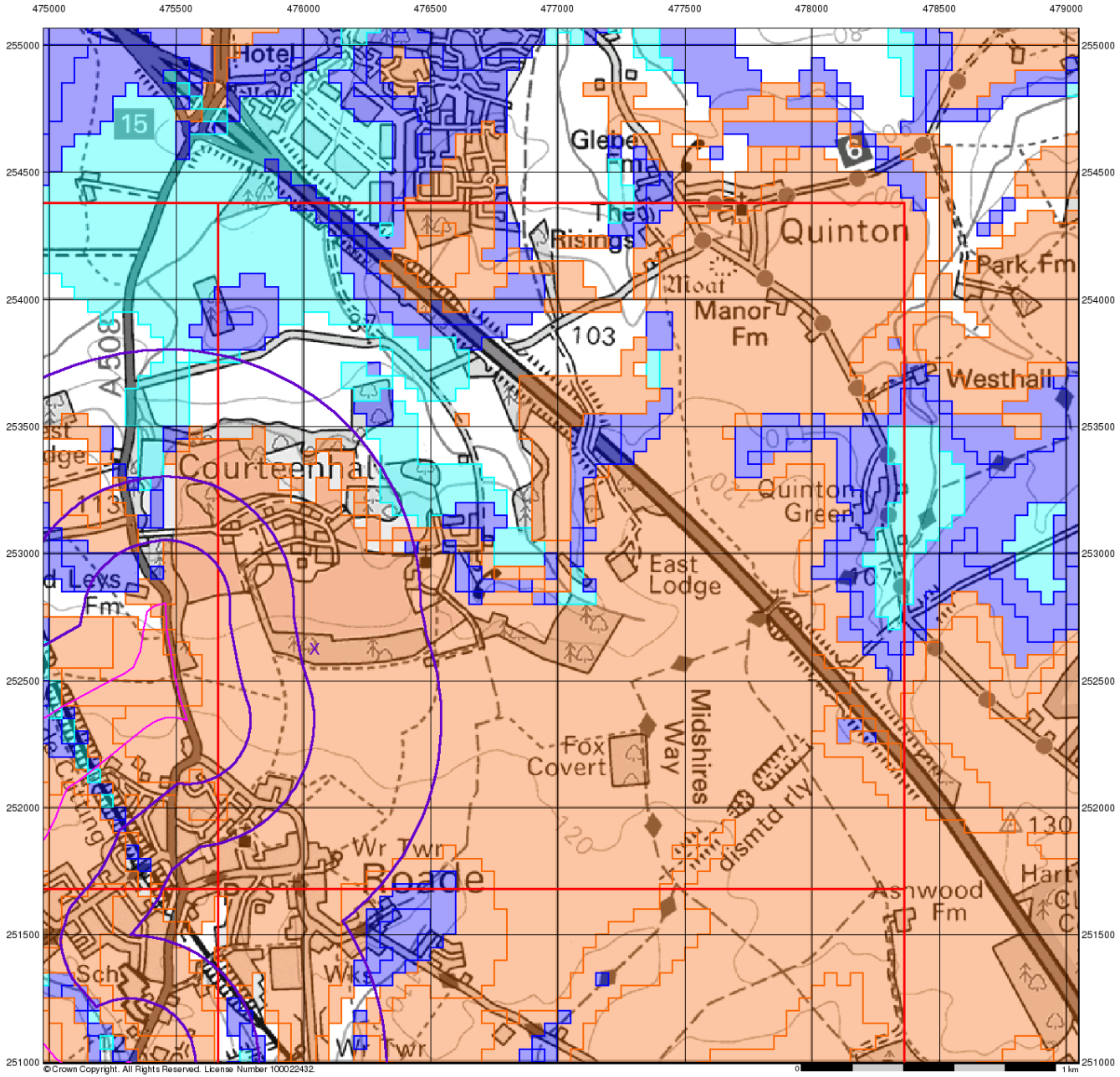


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BGS Flood GFS Data

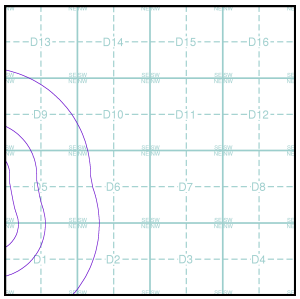
General

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



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Datasheet

Order Details:

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Site Details:

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Roade
NORTHAMPTON
NN7 2LS

Client Details:

Mrs D Martin
RSK Environment Ltd
Abbey Park
Humber Road
Coventry
CV3 4AQ

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
Geological	7
Industrial Land Use	10
Sensitive Land Use	11
Data Currency	12
Data Suppliers	17
Useful Contacts	18

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 the attached 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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Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4			Yes	
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Drift Deposits	pg 4	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Source Protection Zones					
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
Detailed River Network Lines	pg 5			Yes	n/a
Detailed River Network Offline Drainage					n/a

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 6	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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 7	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 7	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 8	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 9	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 9	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 9	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 9	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	pg 10				1
Points of Interest - Public Infrastructure	pg 10				2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

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					
Nitrate Vulnerable Zones	pg 11	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 11	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	(SW)	0	2	475200 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475600 252600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	2	475050 252500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475100 252400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	474900 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	475000 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	475300 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475000 252400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475100 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475500 252600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	474950 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	475100 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475500 252800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	2	475300 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	2	475200 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	2	475300 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	2	475100 252350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	2	475150 252300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	475600 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	475000 252250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	475150 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	2	475150 252250

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	2	475200 252200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D5SE (SE)	0	2	476043 252625
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	2	474800 252150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	2	475050 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	2	475800 251050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	26	2	475250 252100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	28	2	475300 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	32	2	475000 252500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	41	2	475250 252625
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	66	2	475200 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	74	2	475250 251100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	83	2	475350 252850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	90	2	475000 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	92	2	475000 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	93	2	475050 252550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	96	2	475250 252050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	97	2	475450 252900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	112	2	475000 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	117	2	475250 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	118	2	475000 252625
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	131	2	475100 251350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	136	2	475300 252000

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)	143	2	475150 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	170	2	475150 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	182	2	475200 251200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	206	2	475300 251950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	214	2	475200 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	217	2	475350 253000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	249	2	475000 252650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	276	2	475350 251900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	296	2	475350 251850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	297	2	475450 253100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	297	2	475100 252850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	303	2	475400 253100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	336	2	475000 252750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	344	2	475650 251300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	363	2	475400 251800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	373	2	475200 253100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	376	2	475750 251000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	392	2	475750 251250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	407	2	475000 252900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	420	2	475600 251400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	430	2	475800 251150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	438	2	475050 253050

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	(NW)	447	2	475450 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	451	2	475400 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	451	2	475450 251700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	460	2	475350 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	471	2	475300 253250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	497	2	475800 251300
	Nearest Surface Water Feature	D5NW (NW)	330	-	475798 252856
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	D5SE (SE)	0	3	476043 252625
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	D1SW (S)	0	3	475684 251743
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	D1SW (SW)	0	3	475667 251988
	Groundwater Vulnerability Soil Classification: Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	(W)	0	3	475567 252485
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 31 Bedfordshire Scale: 1:100,000	D5SE (SE)	0	3	476043 252625
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(W)	0	2	475000 252565
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	D5SE (SE)	0	2	476043 252625
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	D1SW (S)	0	2	475716 251731
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	(W)	0	2	475619 252498
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	2	475694 251269
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W)	0	2	475487 252584

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	475000 252336
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	2	475073 252186
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	2	475000 251176
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	D5SE (SE)	0	2	476043 252625
	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				
1	**Detailed River Network Lines** River Type: Tertiary River River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	D1SW (SW)	464	3	475742 251927
2	**Detailed River Network Lines** River Type: Extended Culvert (greater than 50m) River Name: Drain Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk Management Status: Other Rivers Water Course Name: Not Supplied Water Course Reference: Not Supplied	D1SW (SW)	478	3	475715 251900
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Northamptonshire District Council - Has supplied landfill data		0	4	476043 252625
	Local Authority Landfill Coverage Name: Northamptonshire County Council - Has supplied landfill data		0	5	476043 252625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	D5SE (SE)	0	2	476043 252625
	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	D5NE (N)	0	2	476117 252893
	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	D5SE (SE)	0	2	476043 252625
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1SW (S)	0	2	475716 251731
	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	D9SE (NE)	198	2	476330 253069
	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	D5NE (NE)	280	2	476317 253018
	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	D1SW (SW)	350	2	475739 251975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D5NE (NE)	667	2	476307 252988
	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	D9SE (NE)	832	2	476312 253051
	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	D6NW (NE)	909	2	476349 252987
	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	D10SW (NE)	943	2	476374 253156
	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	D10NW (NE)	958	2	476495 253599
	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	D5SE (SE)	0	2	476043 252625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D5SE (SE)	0	2	476043 252625
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (S)	0	2	475716 251731
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D5SE (SE)	0	2	476043 252625
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D5NE (N)	0	2	476117 252893
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D5NE (N)	7	2	476060 252831
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D5NE (NE)	104	2	476307 252988
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1NW (SW)	247	2	475755 252075
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D5SE (SE)	0	2	476043 252625
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D5SE (SE)	0	2	476043 252625
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D5NE (N)	0	2	476117 252893
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	2	475739 251975
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D5SE (SE)	0	2	476043 252625
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D5NE (N)	0	2	476117 252893
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	D5NE (N)	0	2	476043 252851
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	D5SE (SE)	0	2	476043 252625
	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	D5NE (N)	0	2	476043 252851
	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	D5SE (SE)	0	2	476043 252625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Points of Interest - Manufacturing and Production** Name: Courteenhall Farms Location: The Estate Office, Courteenhall, Northampton, NN7 2QD Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	D9SW (N)	571	6	475957 253082
4	**Points of Interest - Public Infrastructure** Name: Roade Cemetery Location: NN7 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	D1SE (S)	805	6	476128 251795
4	**Points of Interest - Public Infrastructure** Name: Roade Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	D1SE (S)	821	6	476151 251796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	D5SE (SE)	0	8	476043 252625
6	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	D5SE (S)	0	8	476036 252549
7	**Sites of Special Scientific Interest** Name: Roade Cutting Multiple Areas: N Total Area (m2): 151713.42 Source: Natural England Reference: 1002811 Designation Details: Geological Conservation Review Designation Date: 1st September 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st September 1986 Date Type: Notified	(SW)	0	7	475211 252153

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Northamptonshire Council - Environment Division	August 2013	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	February 2013	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2016	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	February 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
South Northamptonshire Council - Environmental Health Department	December 2014	Annual Rolling Update
Northampton Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2016	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	April 2016	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	April 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	May 2016	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Local Authority Landfill Coverage		
Northampton Borough Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Northampton Borough Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites		
Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Northampton Borough Council - Planning Department	February 2016	Annual Rolling Update
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	November 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
Northampton Borough Council - Planning Department	February 2016	Annual Rolling Update
South Northamptonshire Council	February 2016	Annual Rolling Update
Northamptonshire County Council	May 2013	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	**South Northamptonshire Council - Environmental Health Department** Springfields, Towcester, Northamptonshire, NN12 6AE	Telephone: 0845 2300226 Fax: 01327 359219 Website: www.southnorthants.gov.uk
5	**Northamptonshire County Council** County Hall, Northampton, Northamptonshire, NN1 1DN	Telephone: 0300 126 1000 Website: www.northamptonshire.gov.uk
6	**PointX** 7 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
8	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
9	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ODT	Oadby Member	Diamicton	Anglian - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	TUFA	Tufa	Tufa, Calcareous	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WBRO	Wellingborough Limestone Member	Limestone	Bathonian - Bathonian
	BWL	Blisworth Limestone Formation	Limestone	Bathonian - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Bathonian - Bathonian
	CB	Cornbrash Formation	Limestone	Callovian - Bathonian
	RLD	Rutland Formation	Mudstone	Bathonian - Bajocian
	STAM	Stamford Member	Sandstone and Siltstone, Interbedded	Bathonian - Bajocian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Aalenian - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Toarcian - Toarcian
		Faults		

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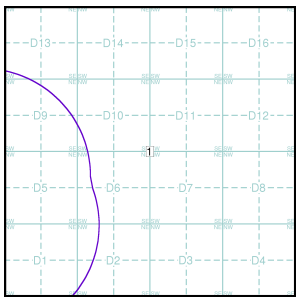
Geology 1:50,000 Maps

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

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**202**
Map Name:	**Towcester**
Map Date:	**1969**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice D



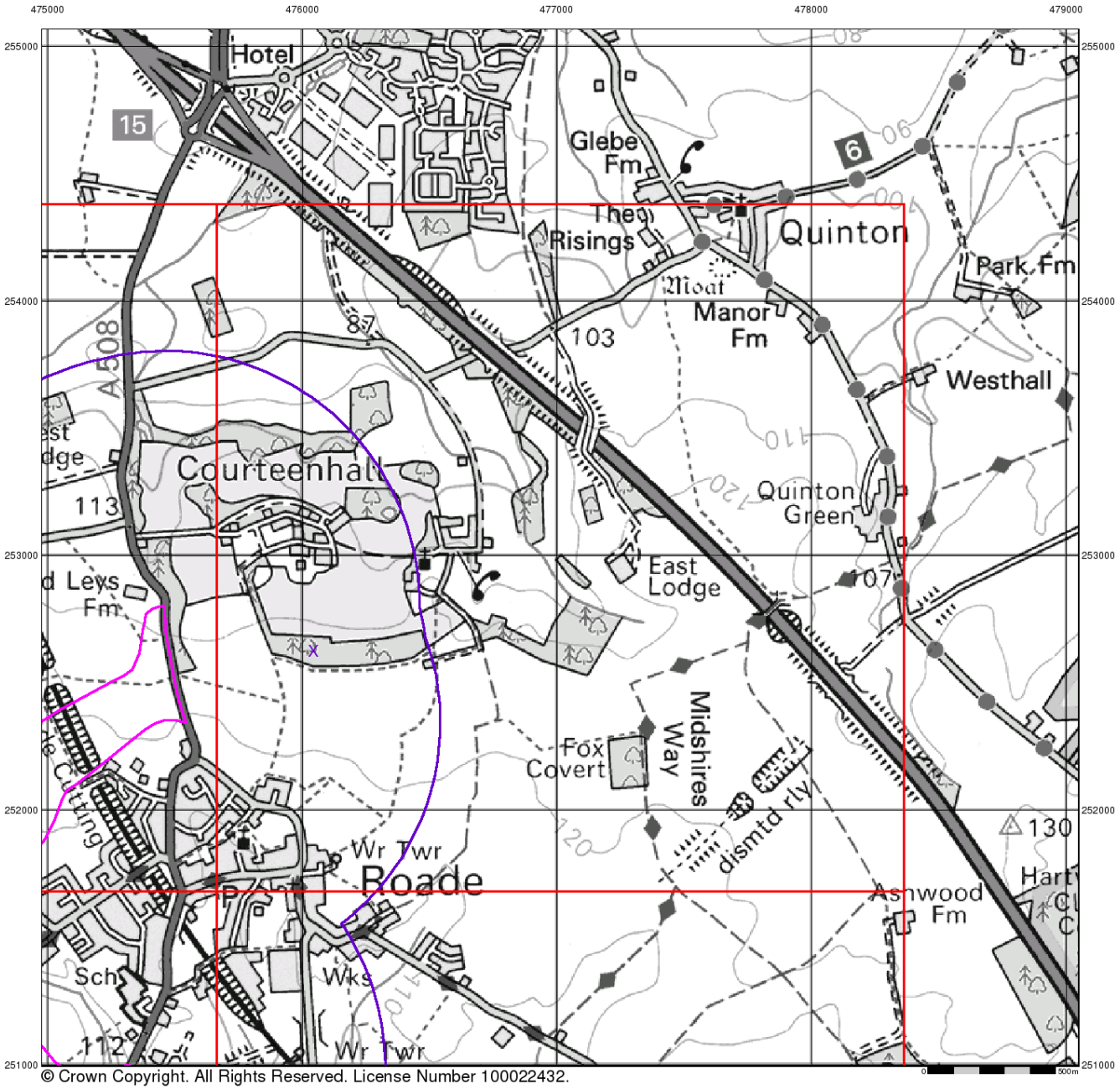
Order Details:

Order Number:	90638346_1_1
Customer Reference:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details:

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group
Tel: 0844 844 9952
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Web: www.envirocheck.co.uk



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Artificial Ground and Landslip

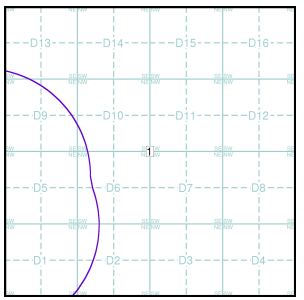
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice D



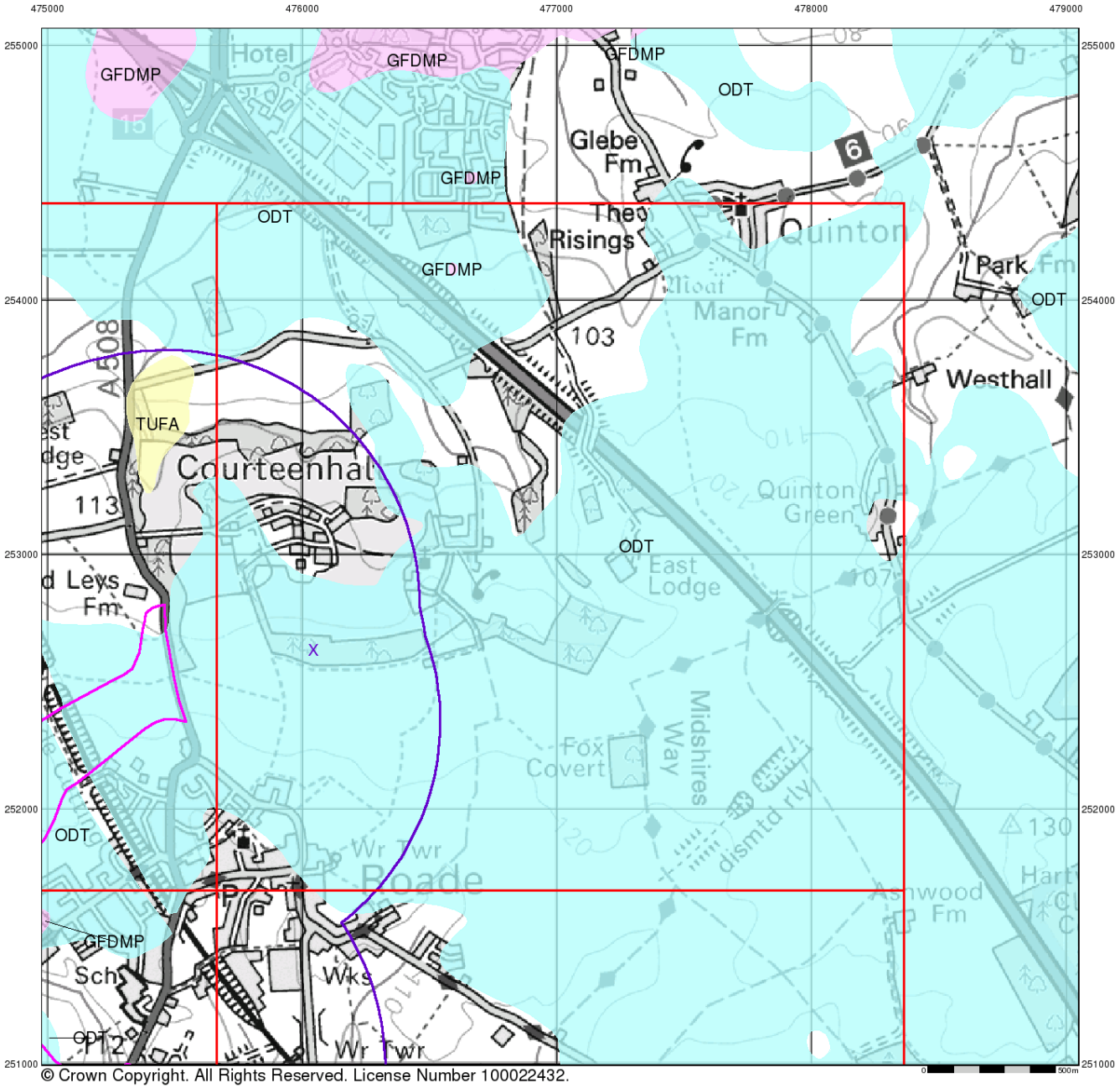
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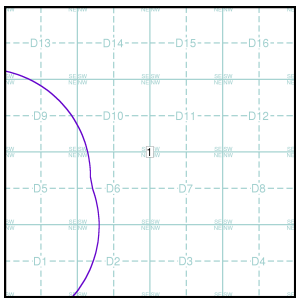
Superficial Geology

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

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

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

Superficial Geology Map - Slice D



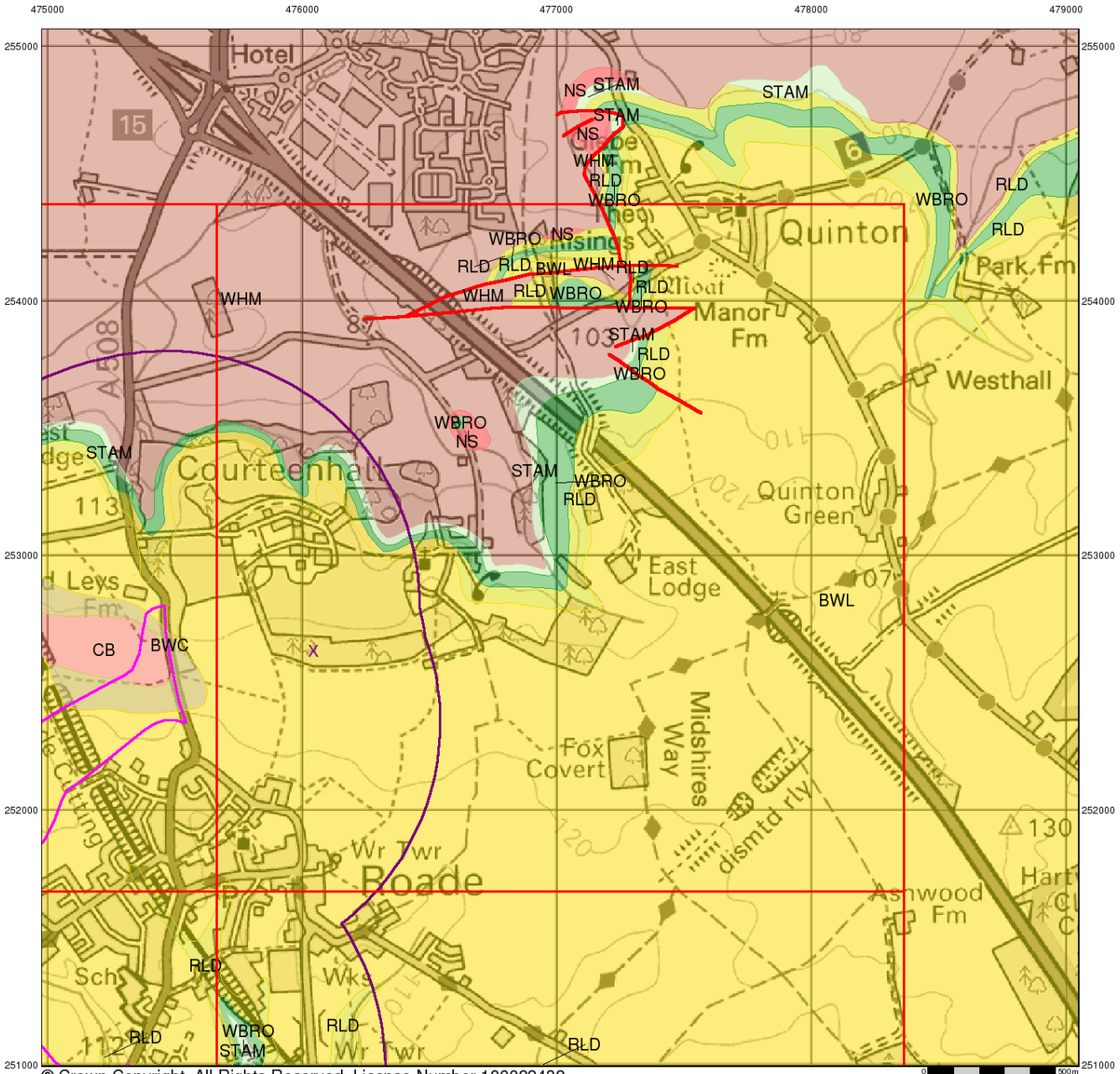
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Slice:	D
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Envirocheck® Geology

Bedrock and Faults

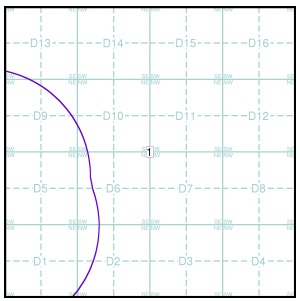
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice D



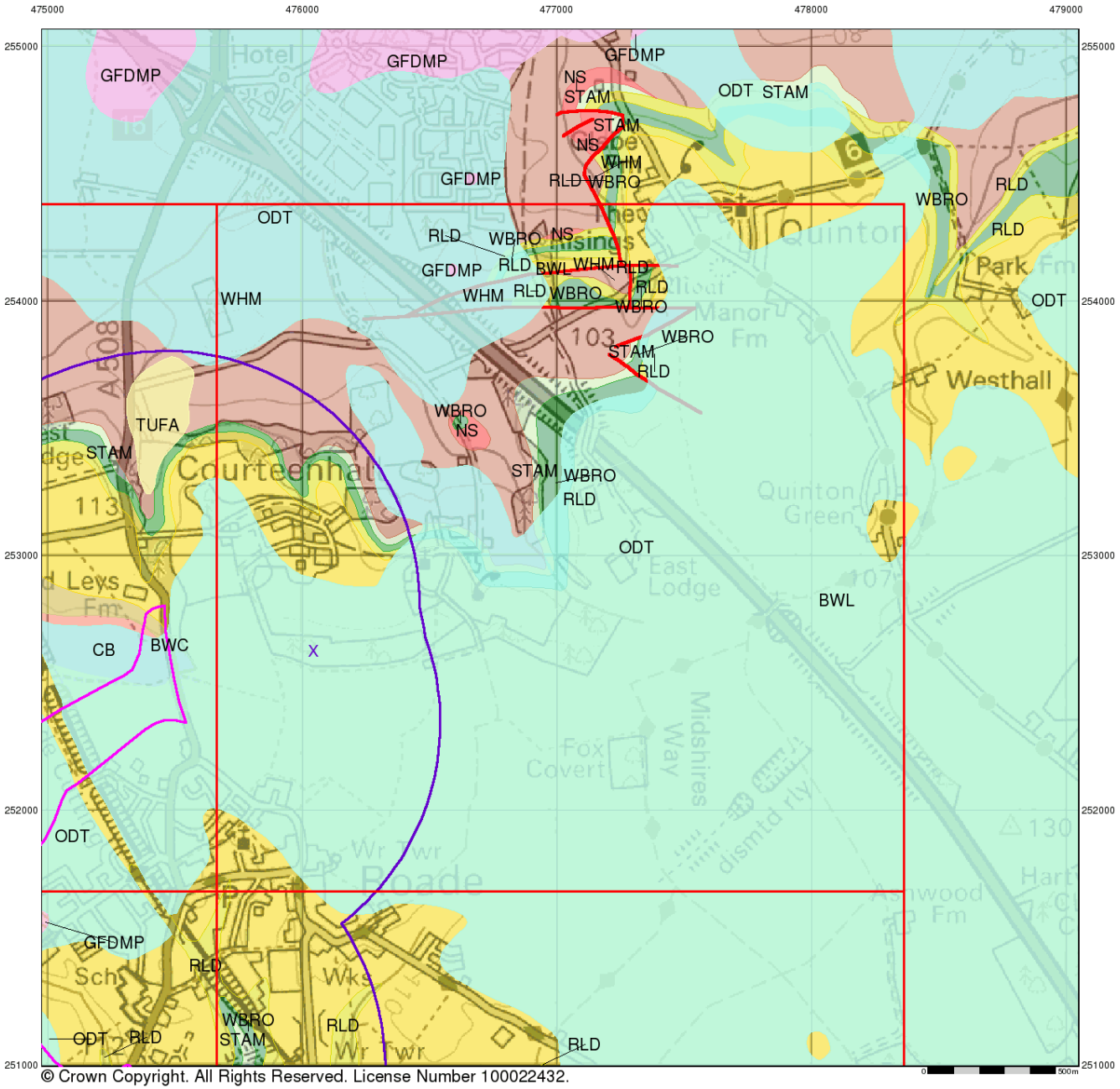
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Envirocheck® Geology

Combined Surface Geology

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

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

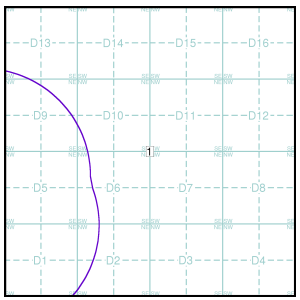
Additional Information

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

Contact

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

Combined Geology Map - Slice D



Order Details:

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Slice:	D
Site Area (Ha):	72.92
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
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

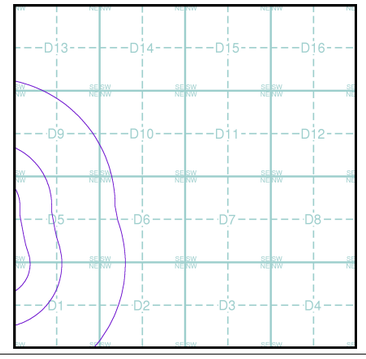
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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
Northamptonshire	1:10,560	1884	2
Buckinghamshire	1:10,560	1885	3
Northamptonshire	1:10,560	1900	4
Northamptonshire	1:10,560	1900	5
Northamptonshire	1:10,560	1952	6
Ordnance Survey Plan	1:10,000	1958	7
Ordnance Survey Plan	1:10,000	1968	8
Ordnance Survey Plan	1:10,000	1982	9
10K Raster Mapping	1:10,000	1999	10
Historical Aerial Photography	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2016	13

Historical Map - Slice D



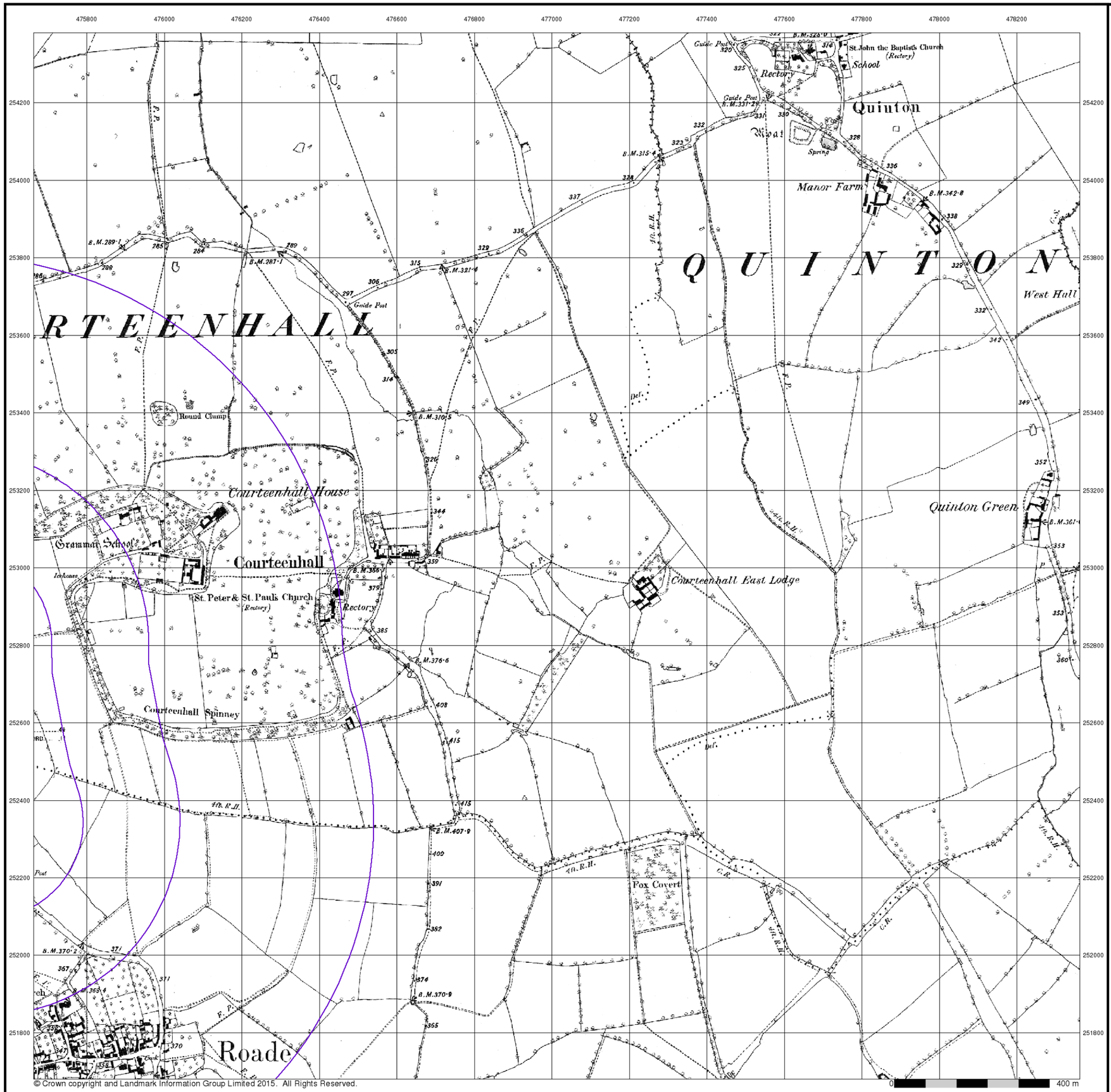
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Slice: D
Site Area (Ha): 72.92
Search Buffer (m): 1000

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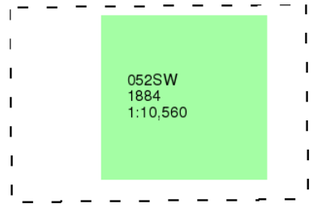
Northamptonshire

Published 1884

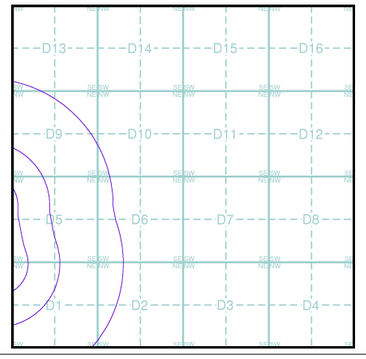
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice D



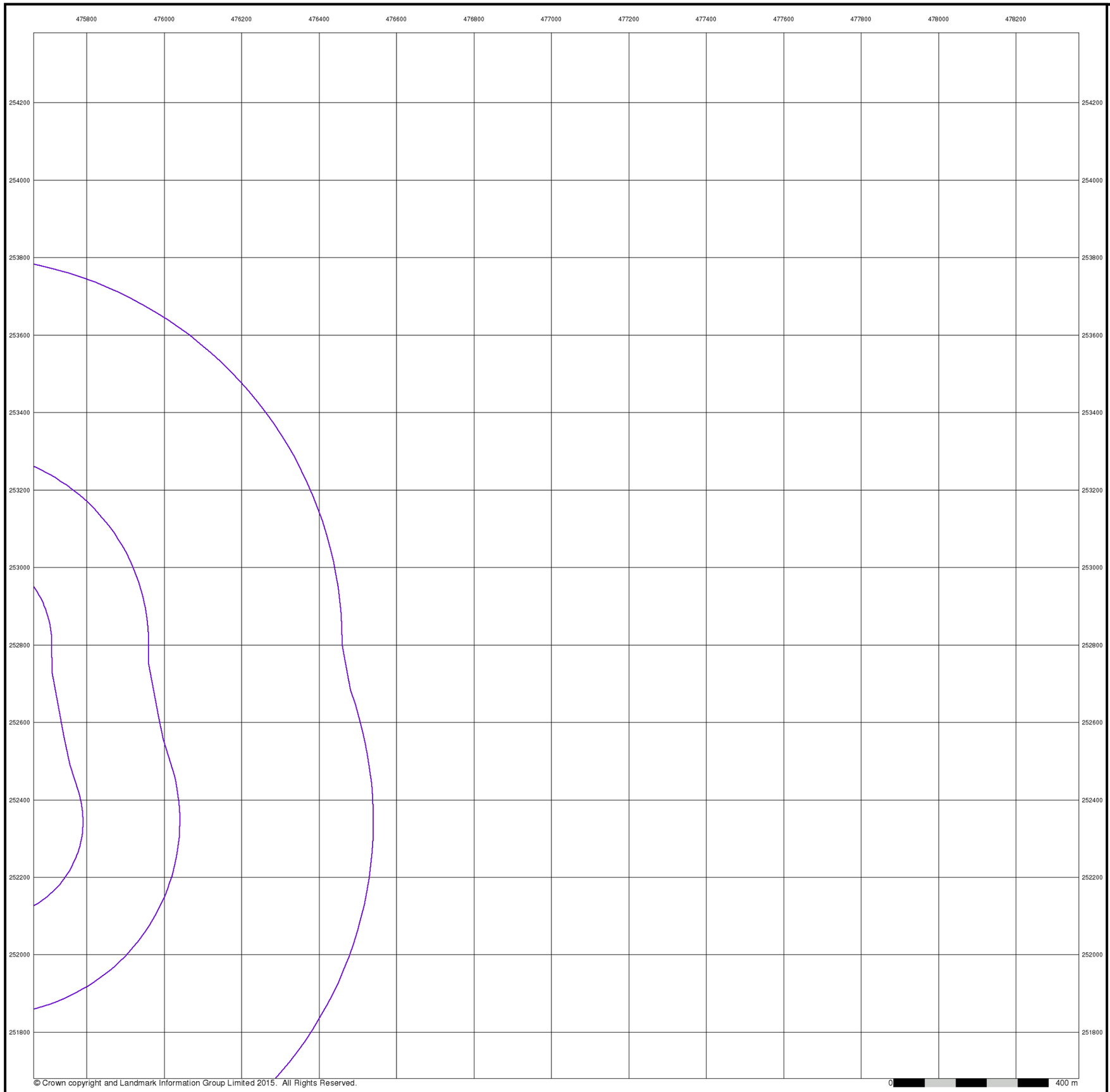
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Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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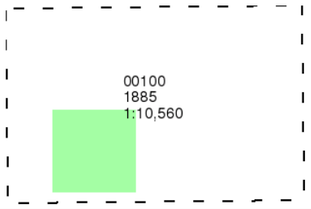
Buckinghamshire

Published 1885

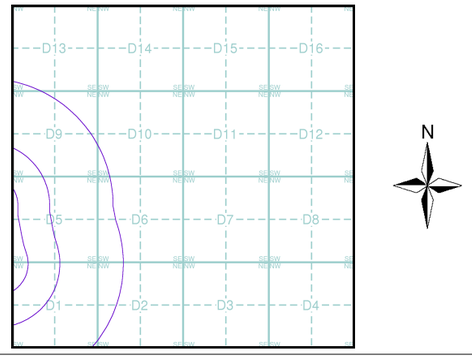
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Map Name(s) and Date(s)



Historical Map - Slice D



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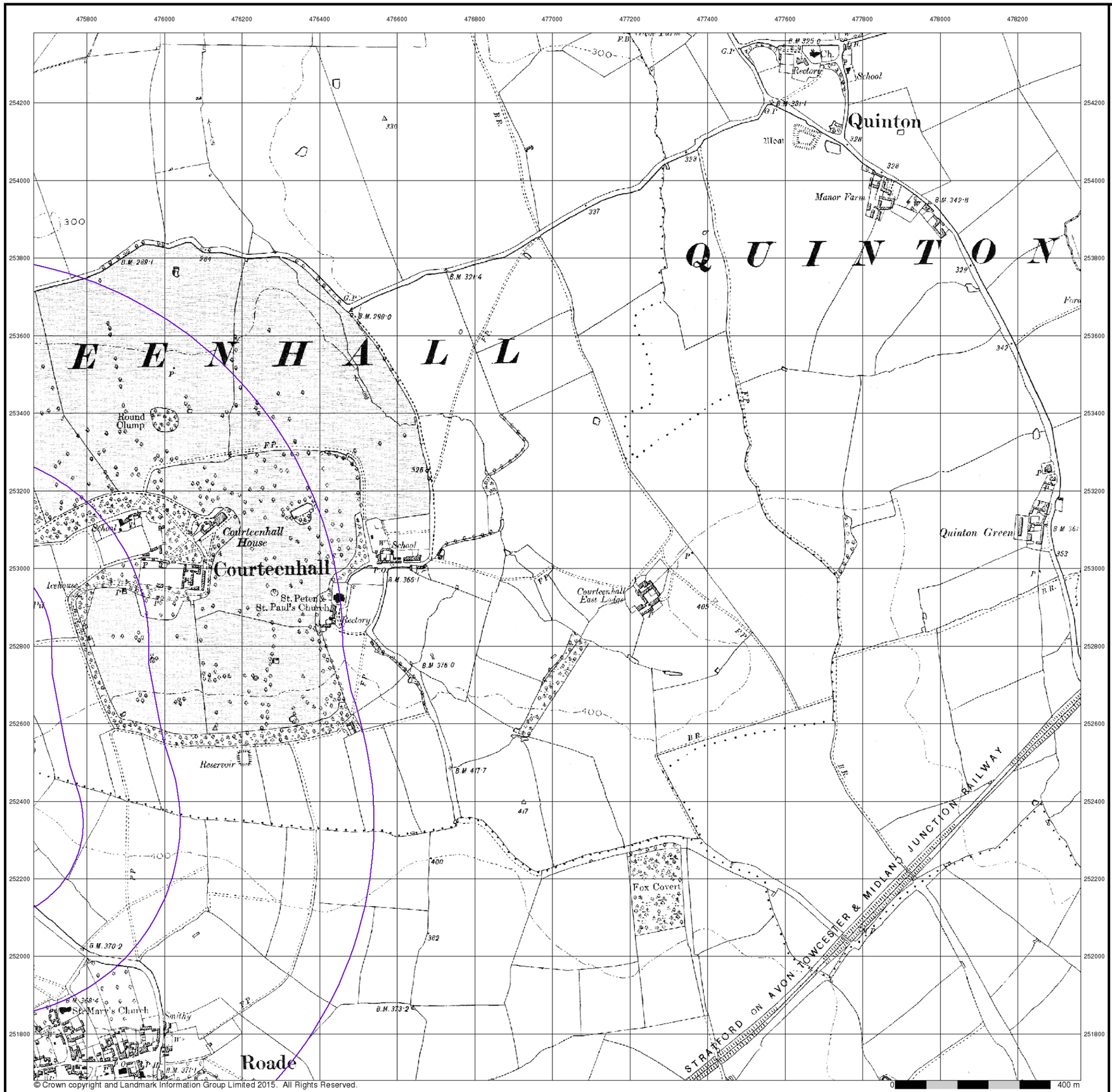
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Northamptonshire

Published 1900

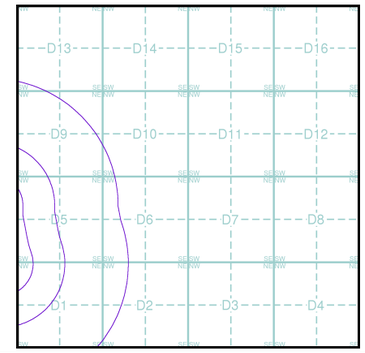
Source map scale - 1:10,560

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Map Name(s) and Date(s)

052SW
1900
1:10,560

Historical Map - Slice D



Order Details

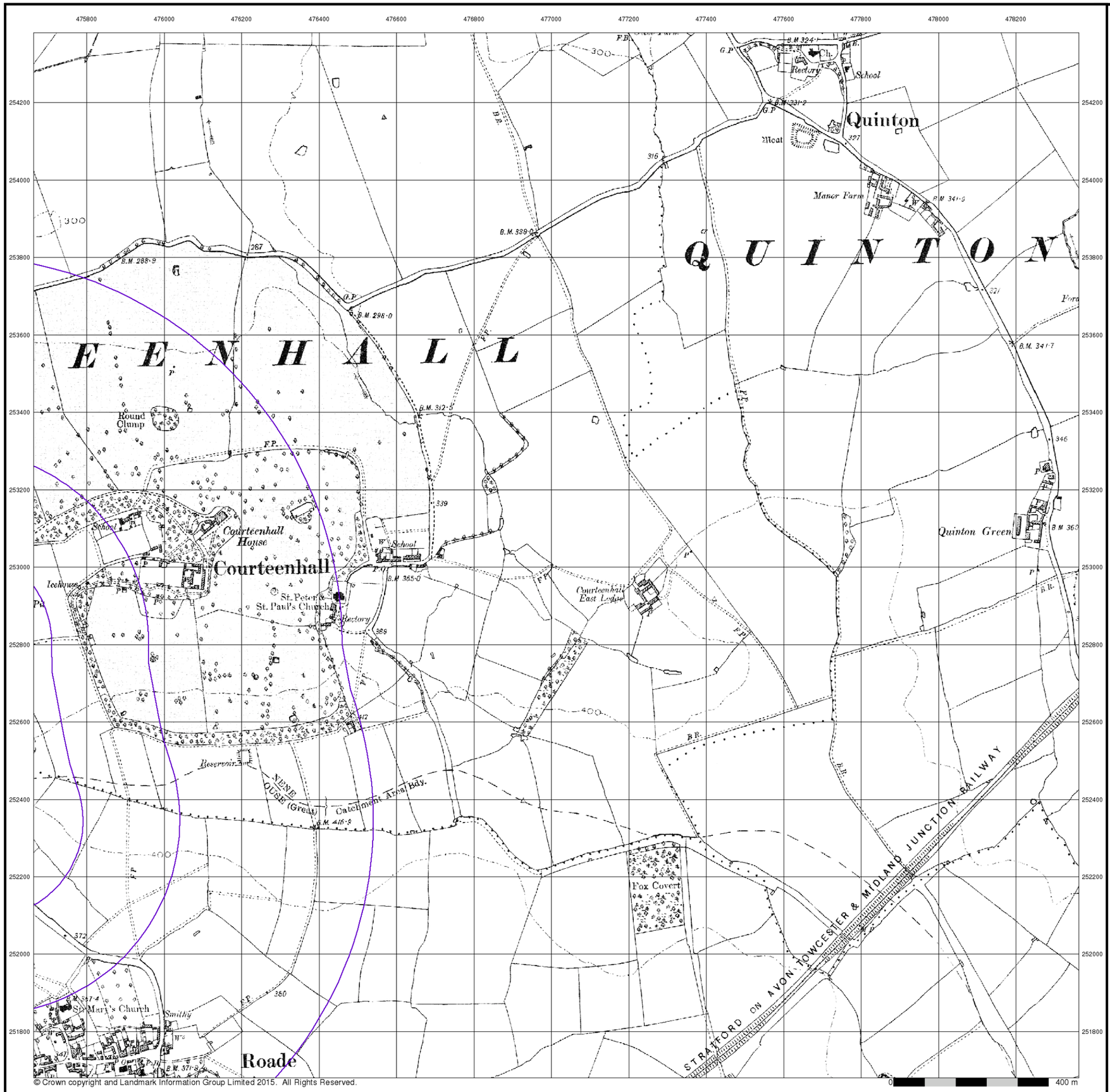
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Northamptonshire

Published 1900

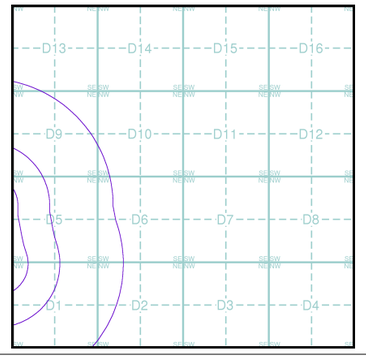
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Map Name(s) and Date(s)



Historical Map - Slice D



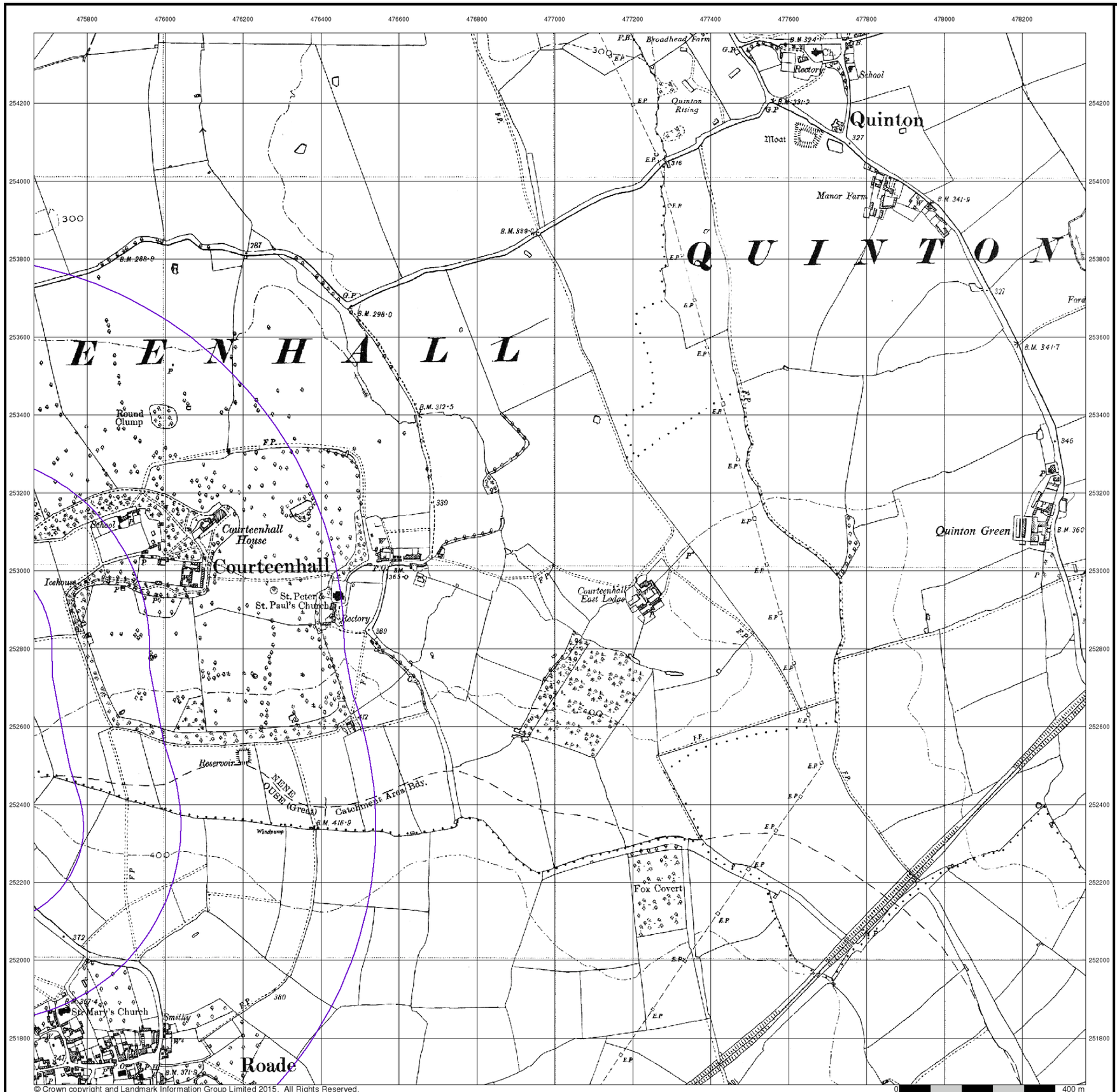
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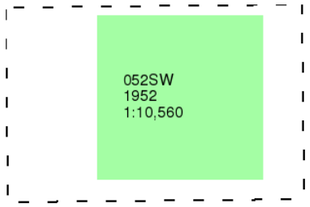
Northamptonshire

Published 1952

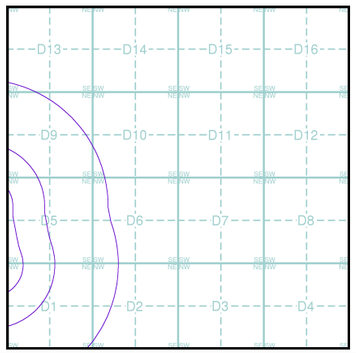
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice D

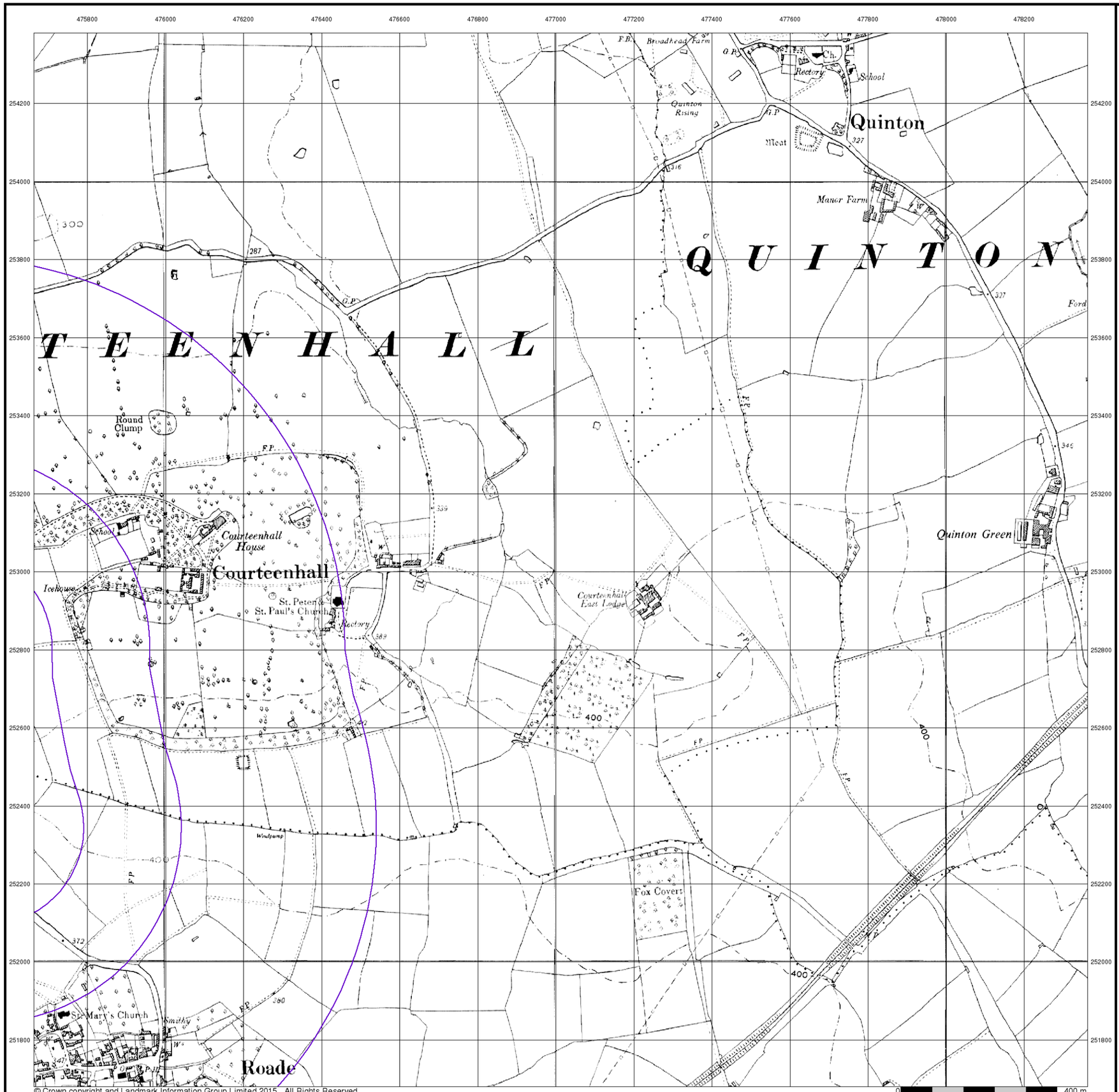


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Site Details

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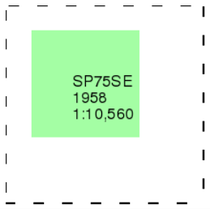
Ordnance Survey Plan

Published 1958

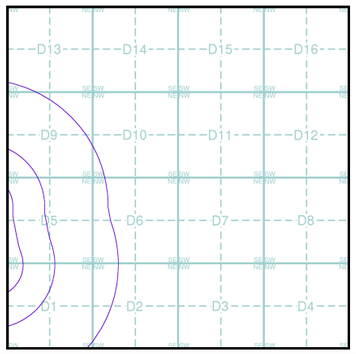
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice D



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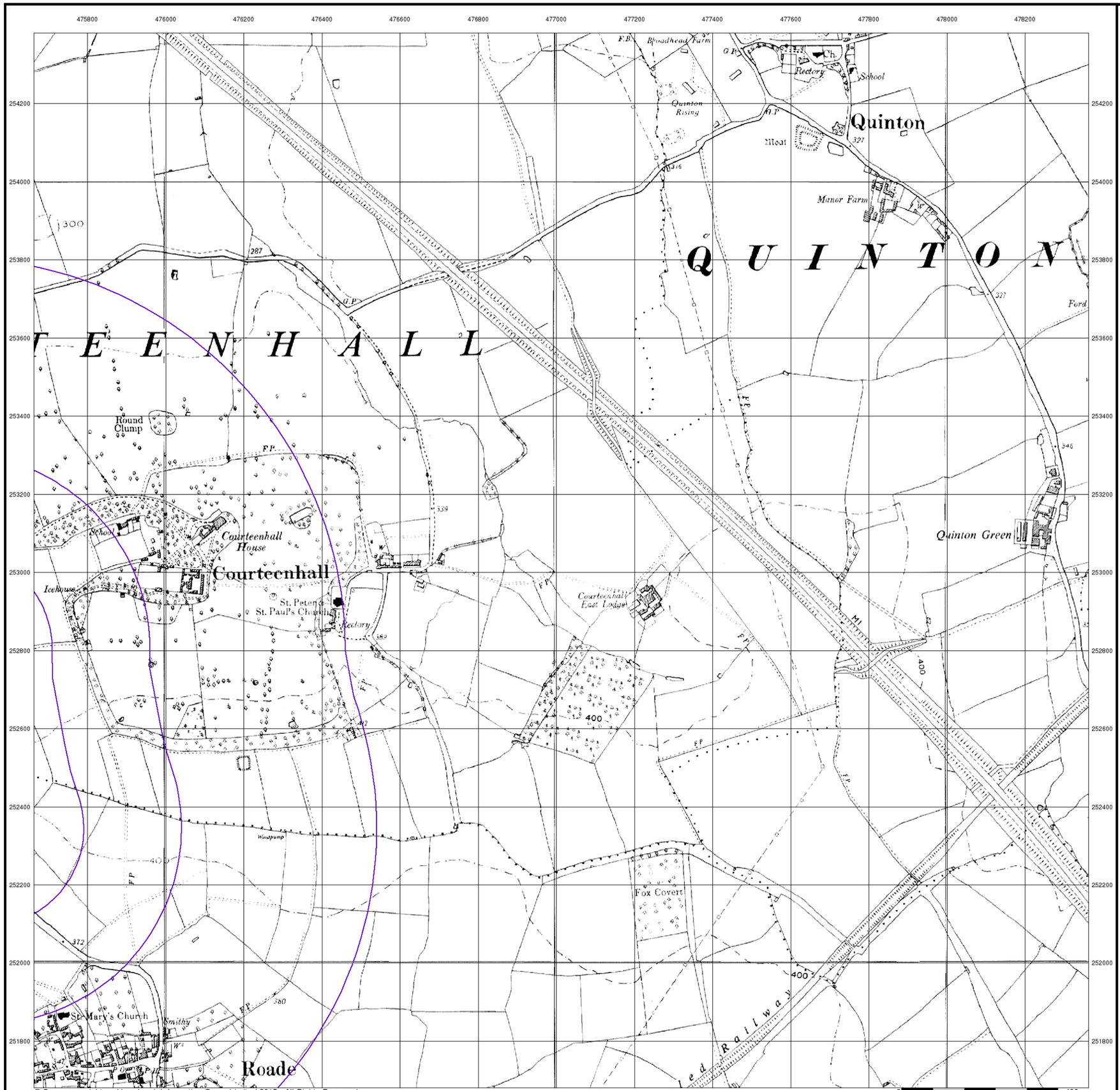
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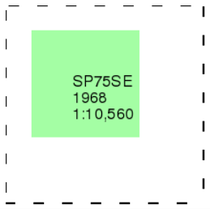
Ordnance Survey Plan

Published 1968

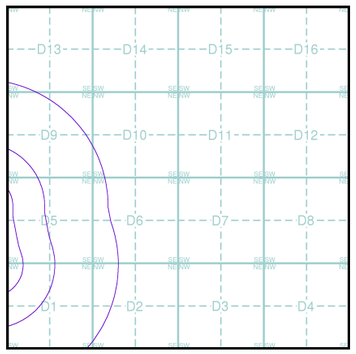
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice D



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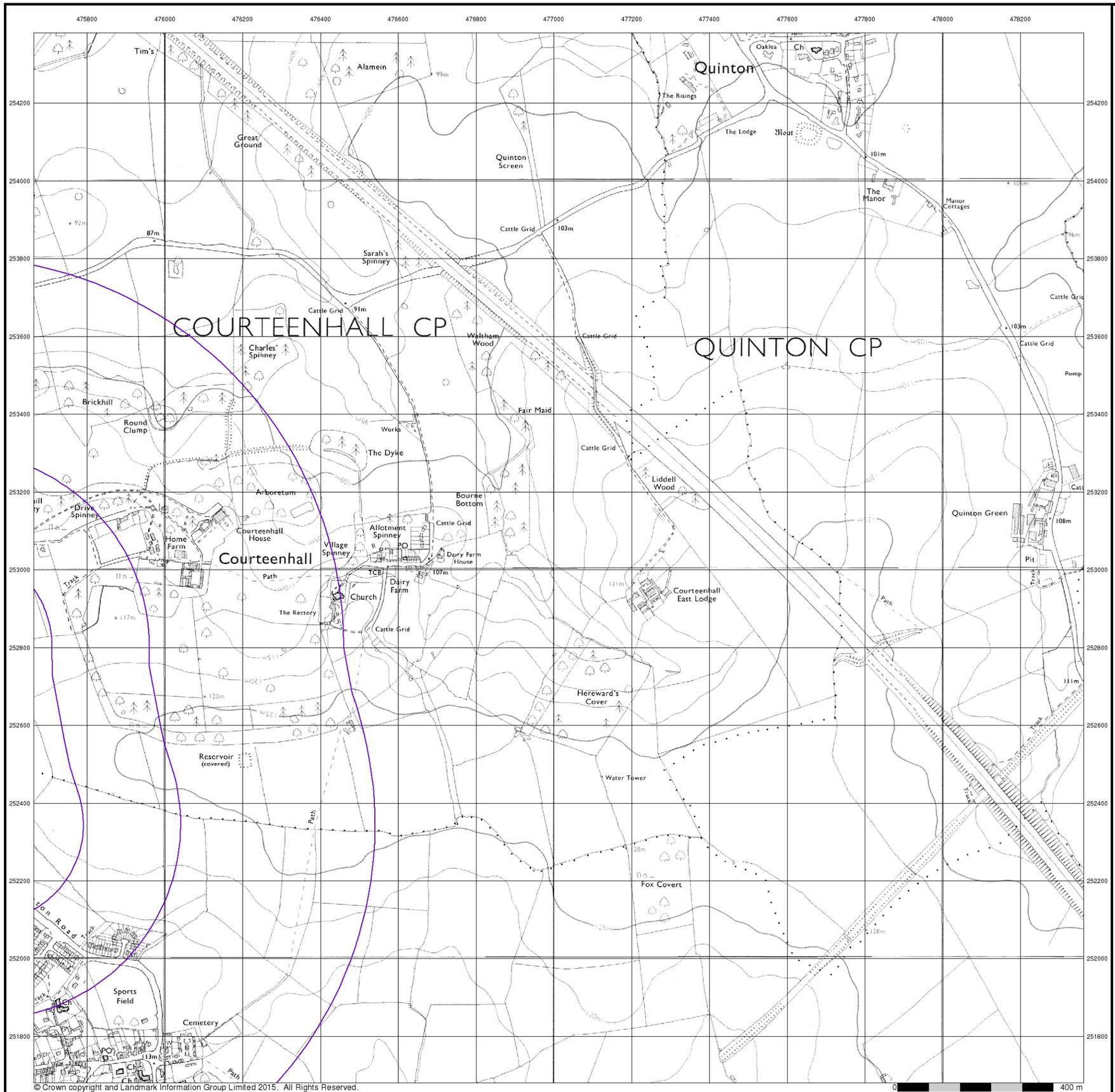
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0 400 m

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Ordnance Survey Plan

Published 1982

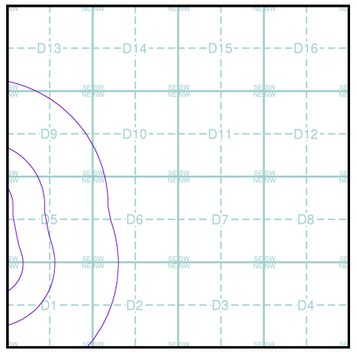
Source map scale - 1:10,000

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Map Name(s) and Date(s)

SP75SE
1982
1:10,000

Historical Map - Slice D



Order Details

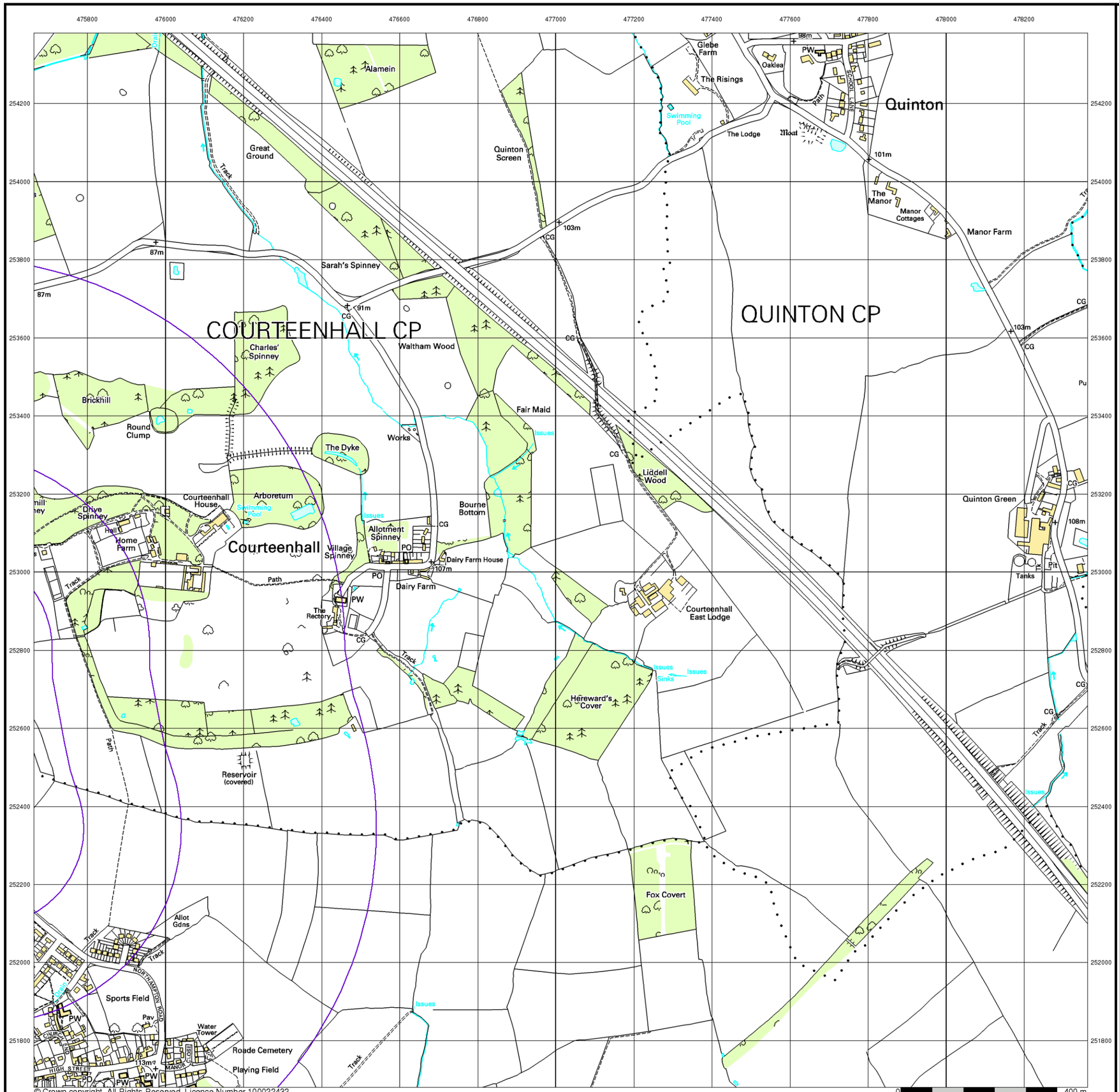
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10k Raster Mapping

Published 1999

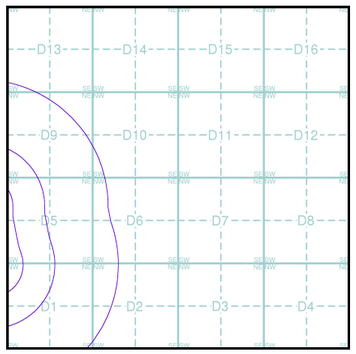
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SP75SE
1999
1:10,000

Historical Map - Slice D



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
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Site Details

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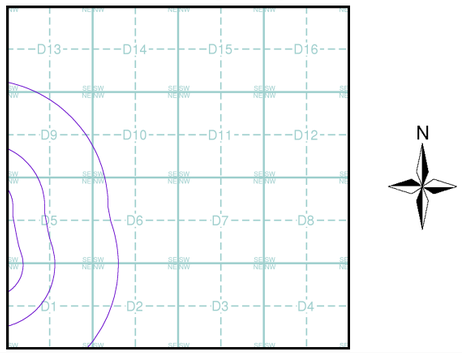
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Historical Aerial Photography

Published 2000

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 - Slice D



Order Details

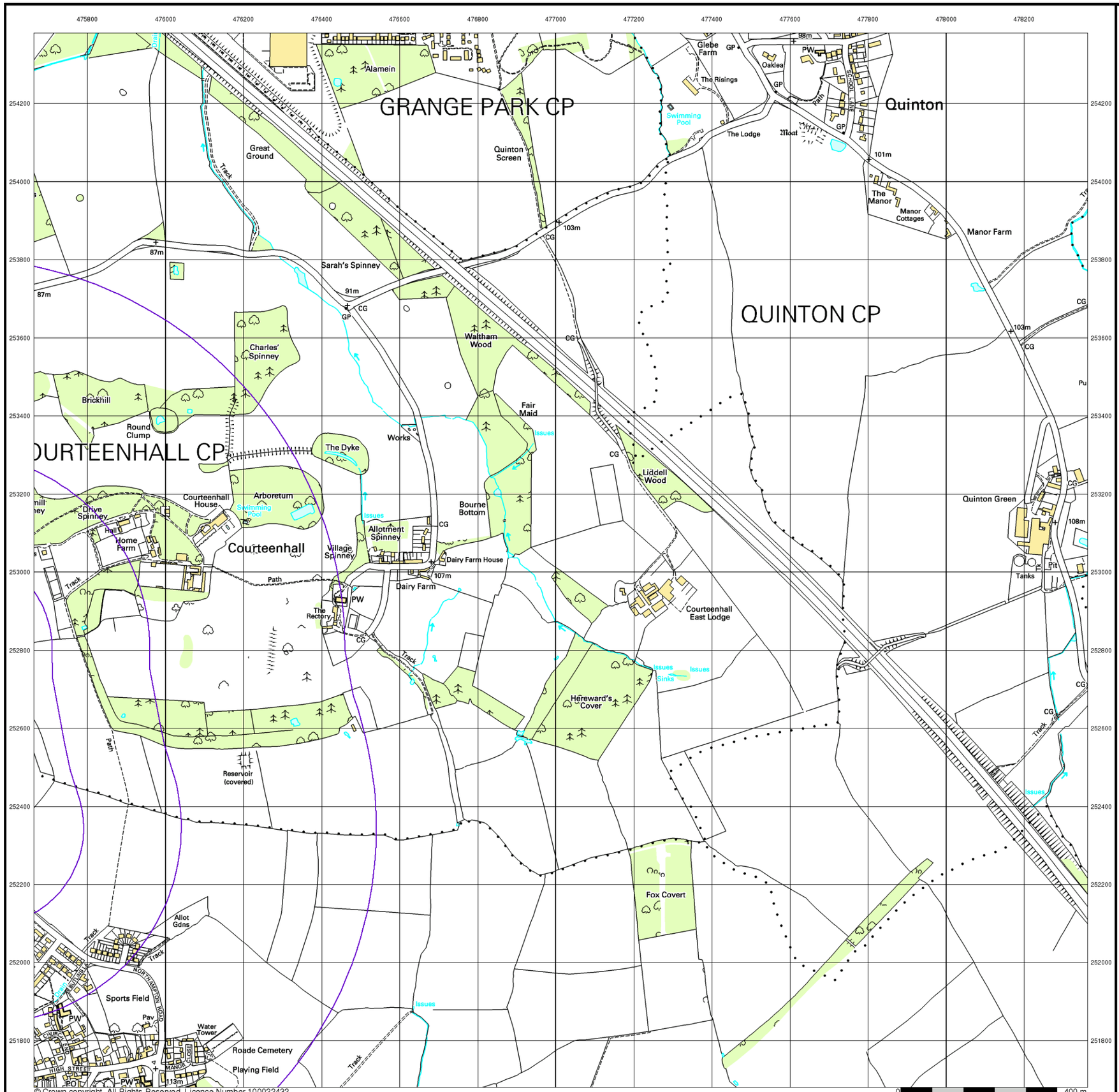
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10k Raster Mapping

Published 2006

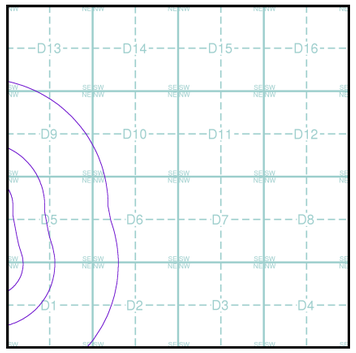
Source map scale - 1:10,000

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)

SP75SE
2006
1:10,000

Historical Map - Slice D



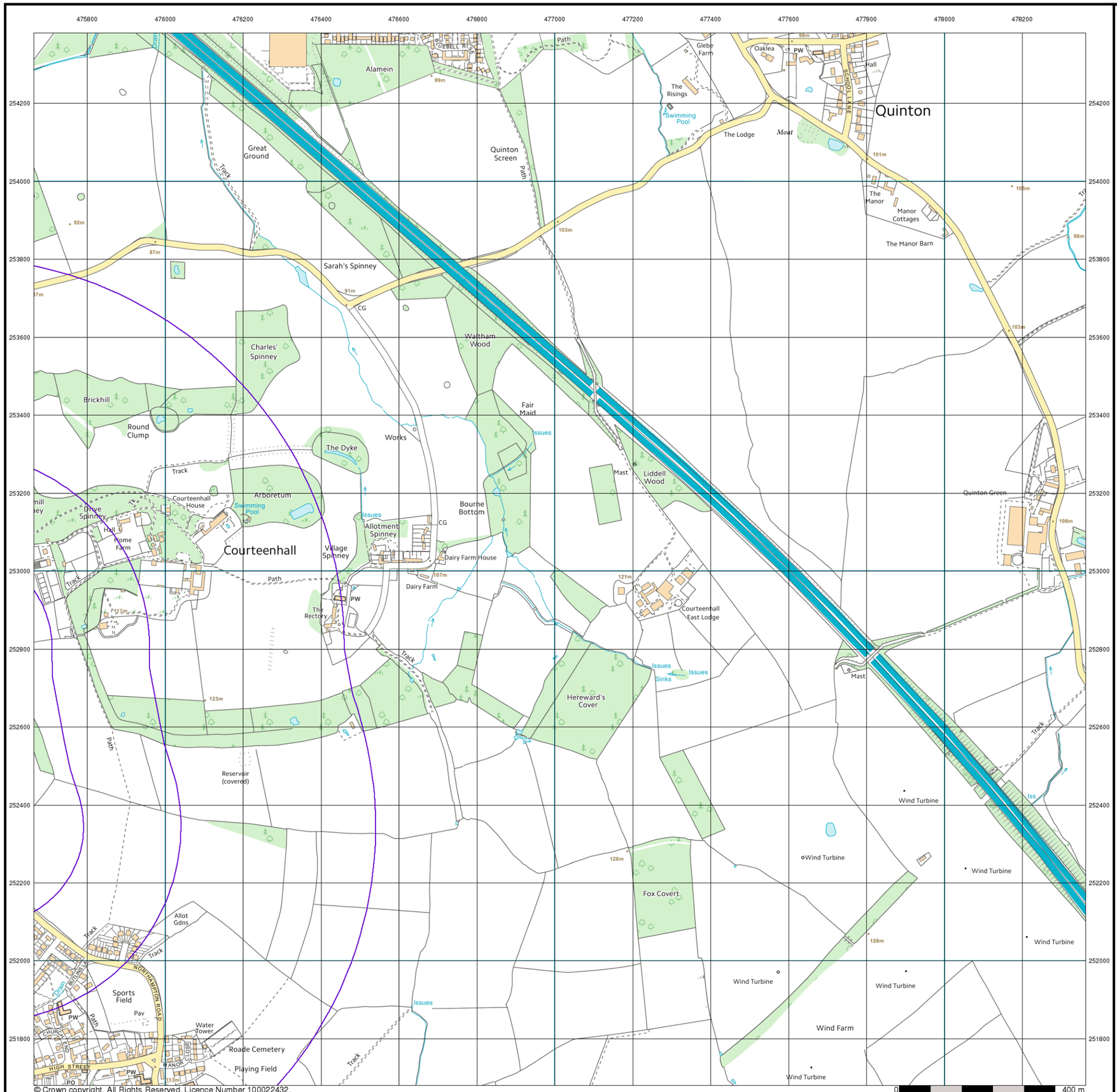
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VectorMap Local

Published 2016

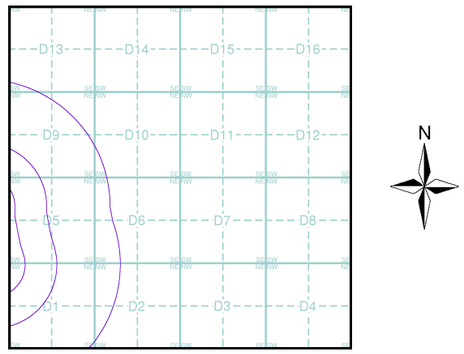
Source map scale - 1:10,000

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)

SP75SE
2016
Variable

Historical Map - Slice D



Order Details

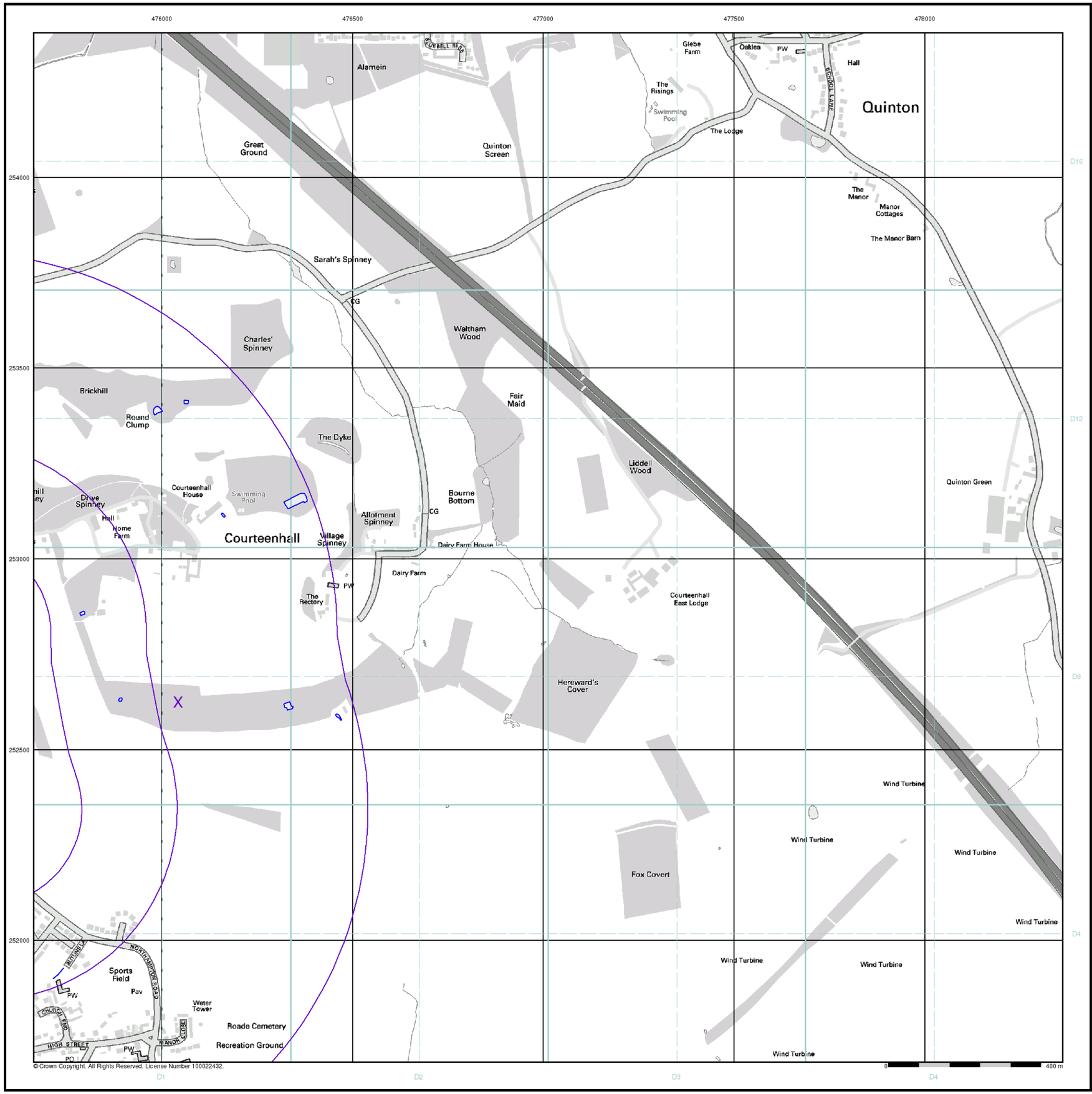
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

Landmark® Information Group

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



Envirocheck®

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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

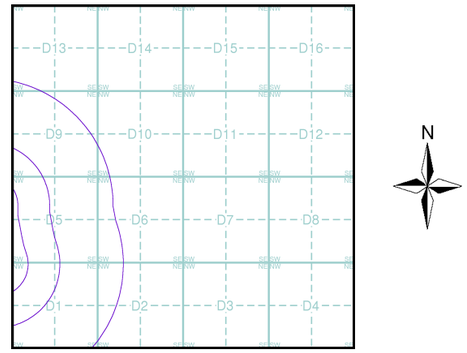
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Slice D



Order Details

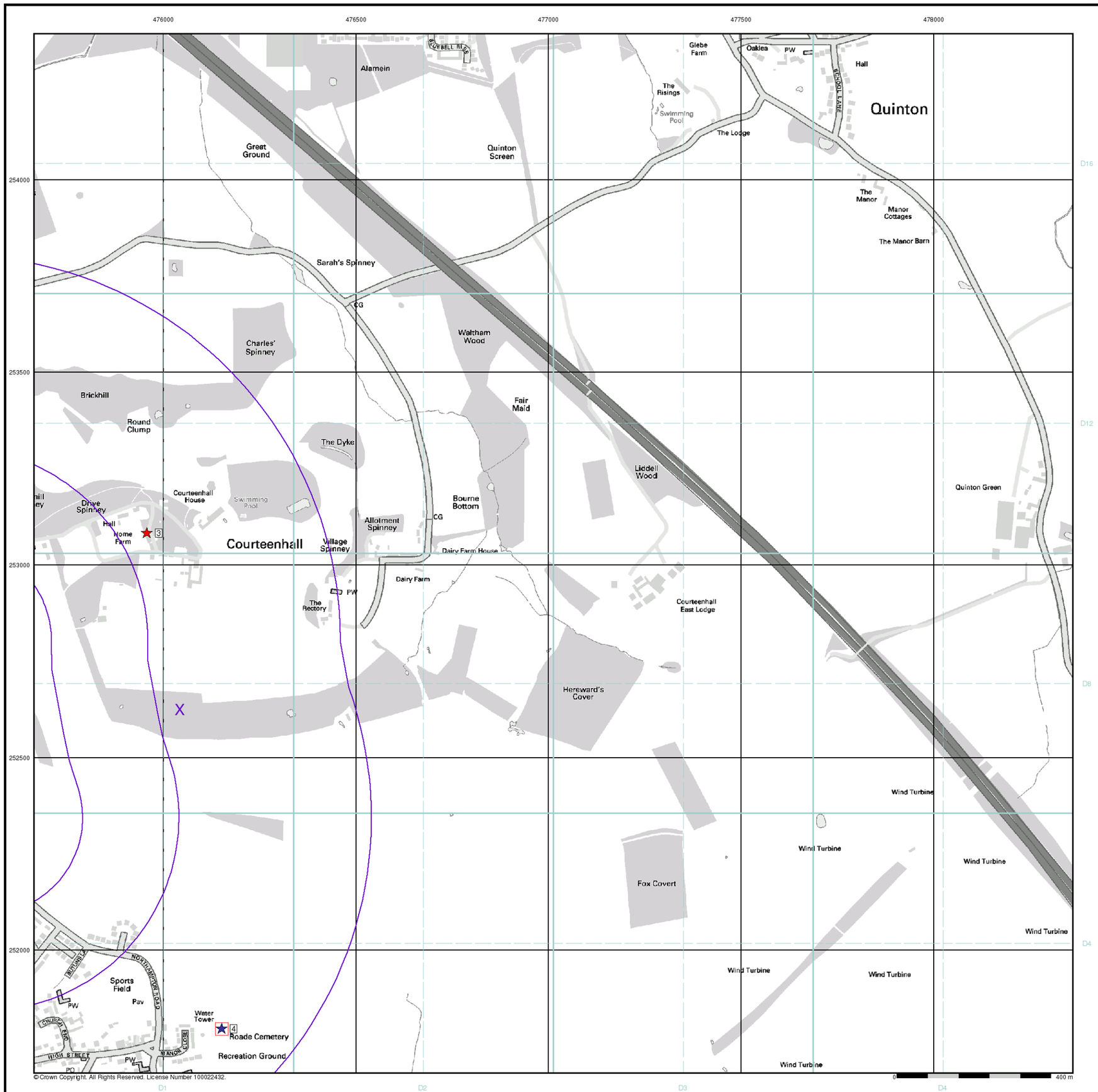
Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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Industrial Land Use Map

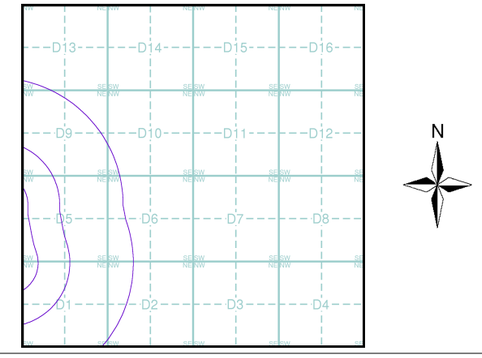
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice D



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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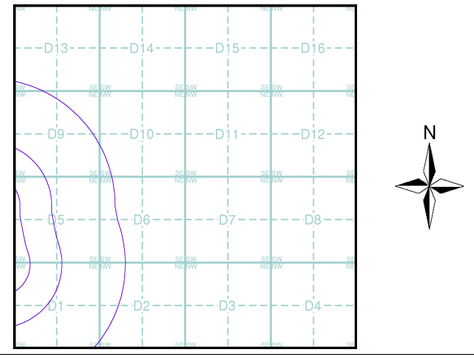
General

- 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 D



Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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



General

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

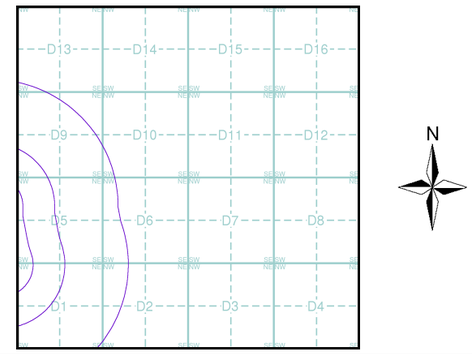
Agency and Hydrological (Boreholes)

- 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



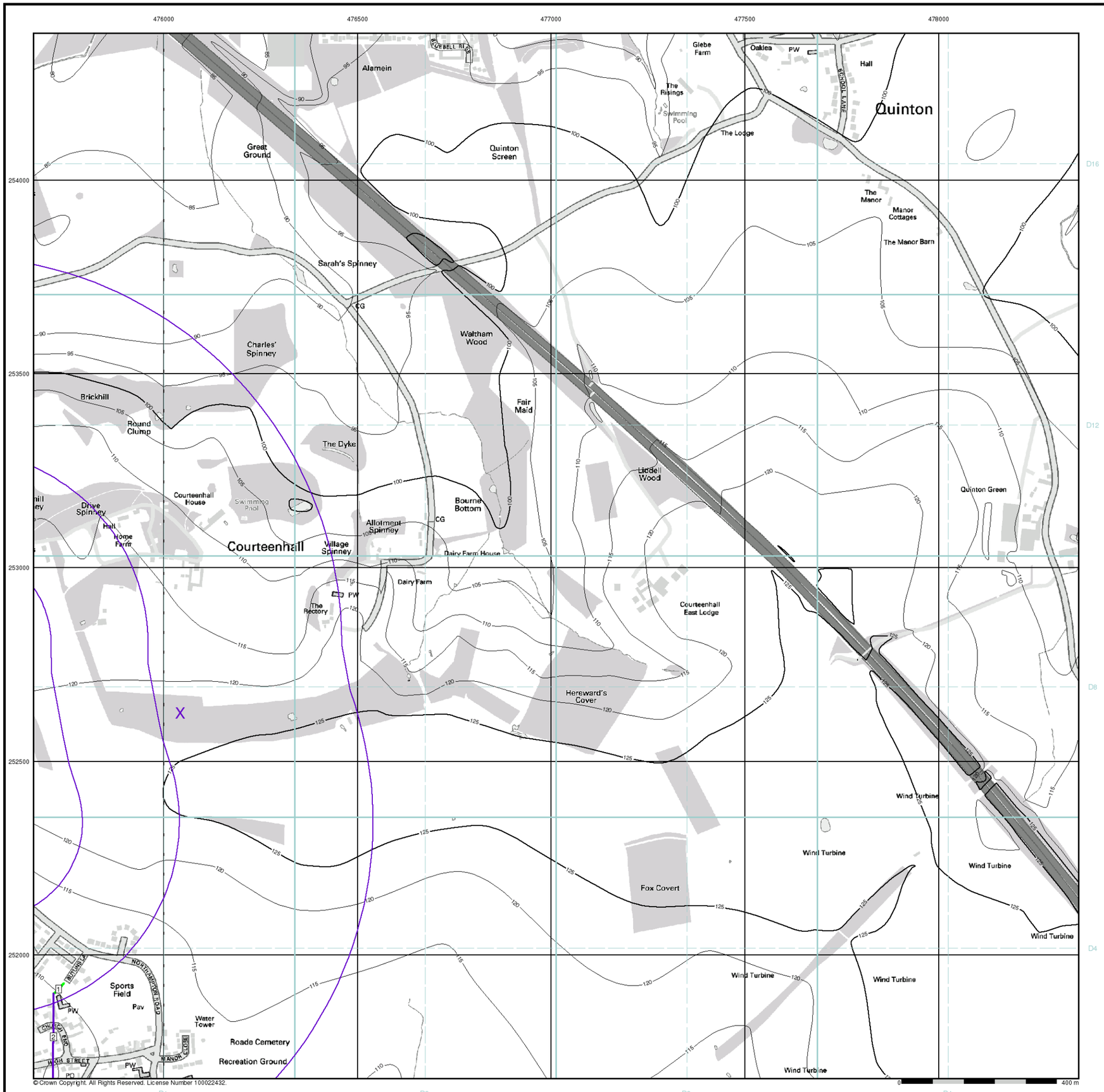
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Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
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General

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

Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

Standard Contour 105 100 95

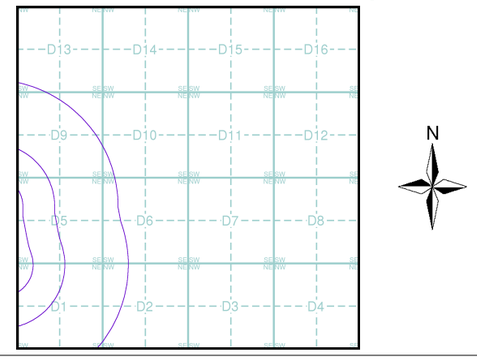
Master Contour

Spot Height *167.3

MLWS Mean Low Water

MHWS Mean High Water

EA/NRW Detailed River Network Map - Slice D



Order Details

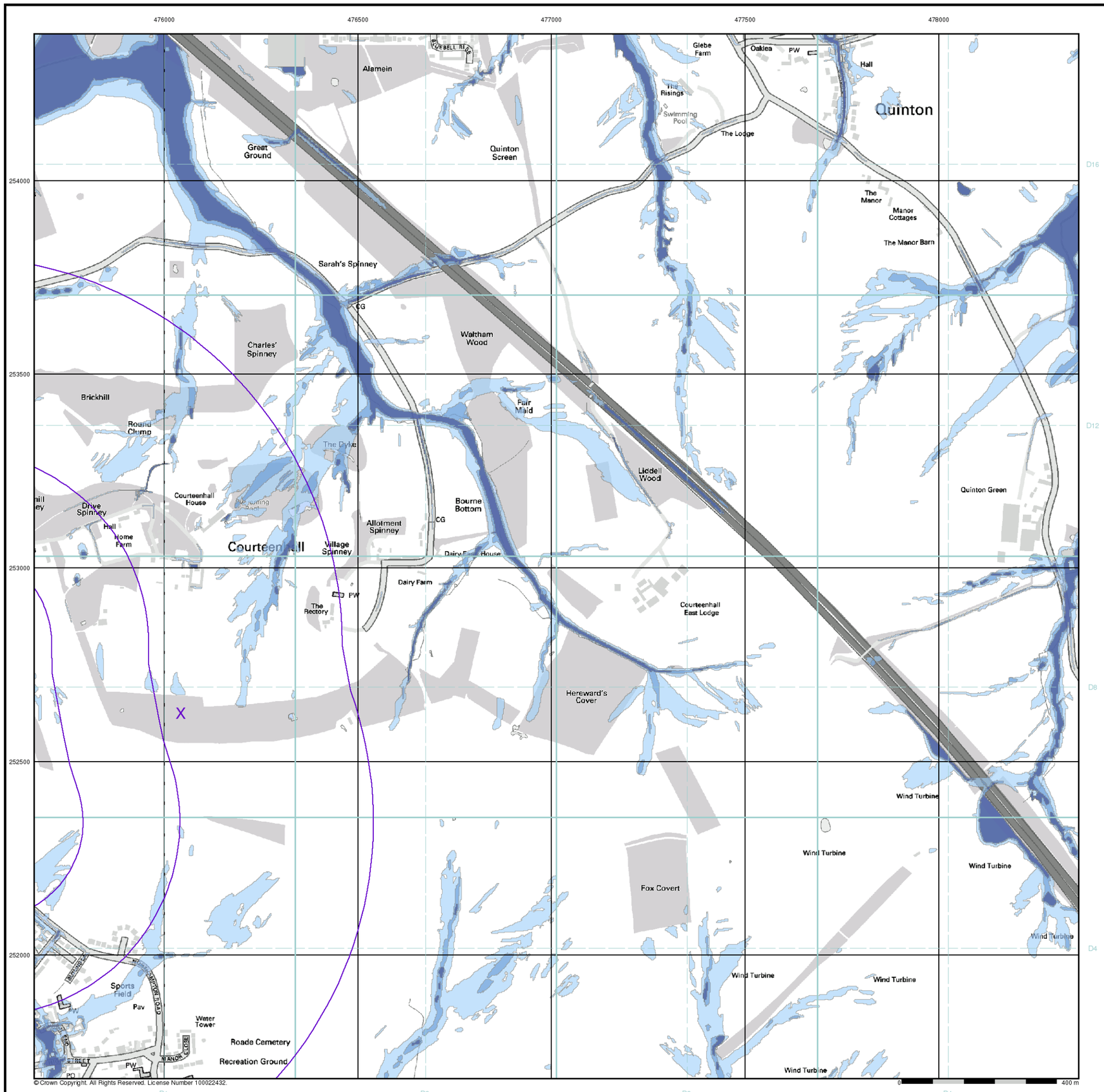
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National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

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Landmark Information Group

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



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Envirocheck®

General

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

Risk of Flooding from Surface Water

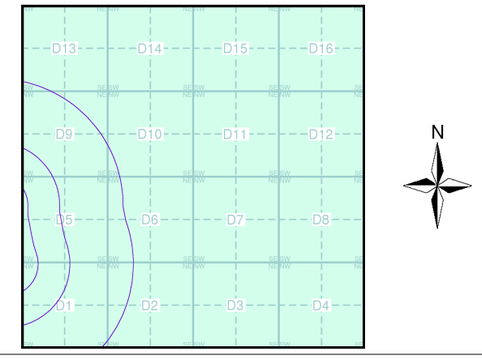
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice D



Order Details

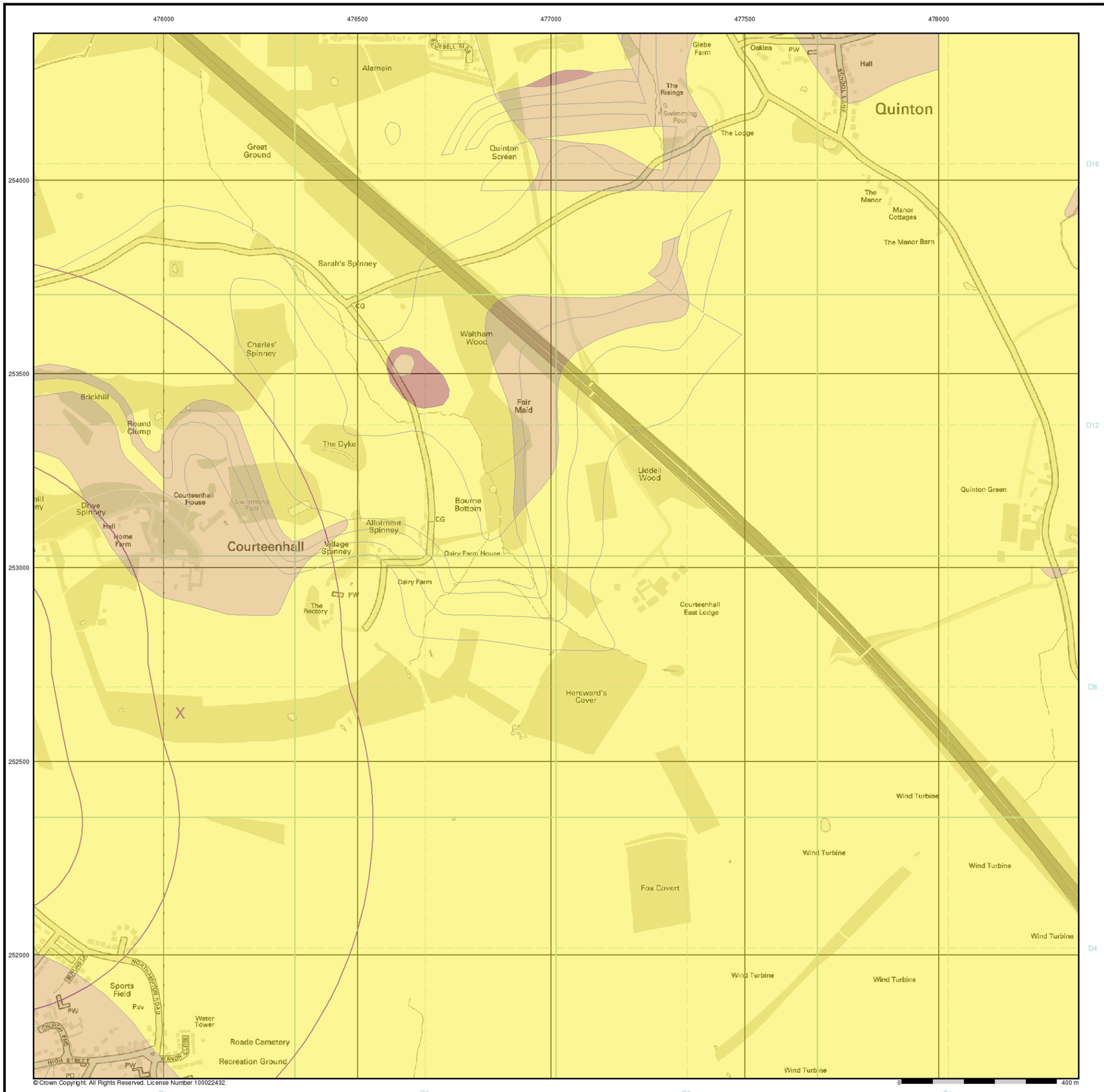
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General

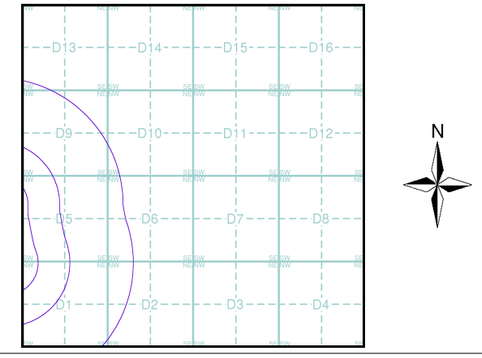
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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

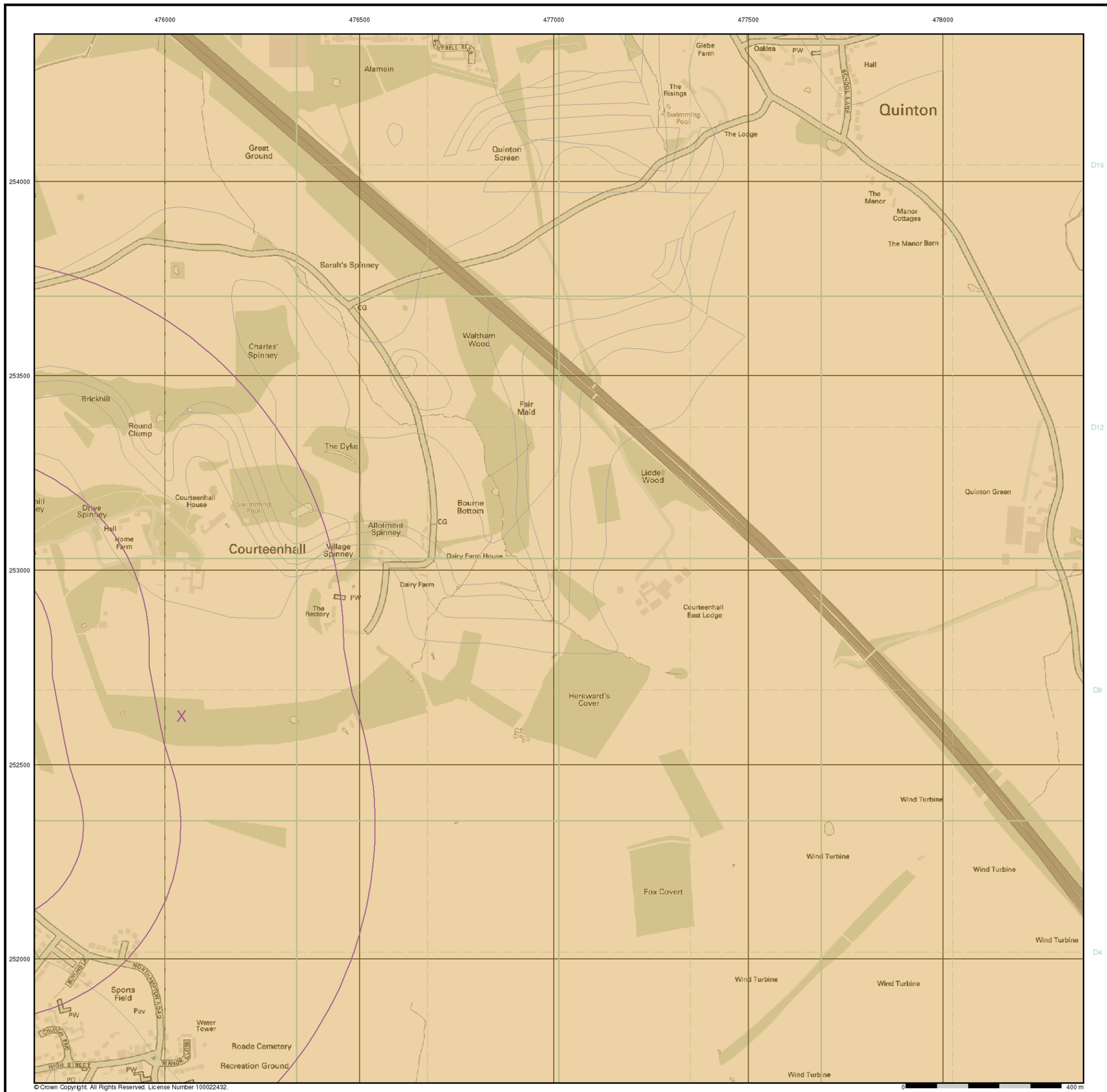


Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS



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General

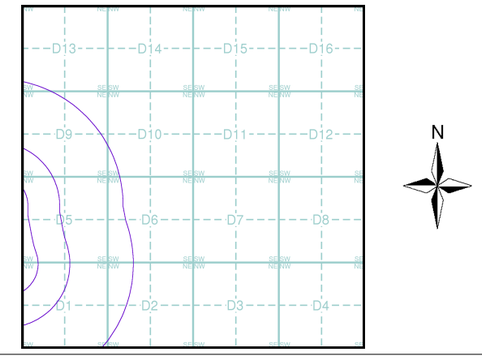
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

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

Estimated Soil Chemistry Cadmium - Slice D



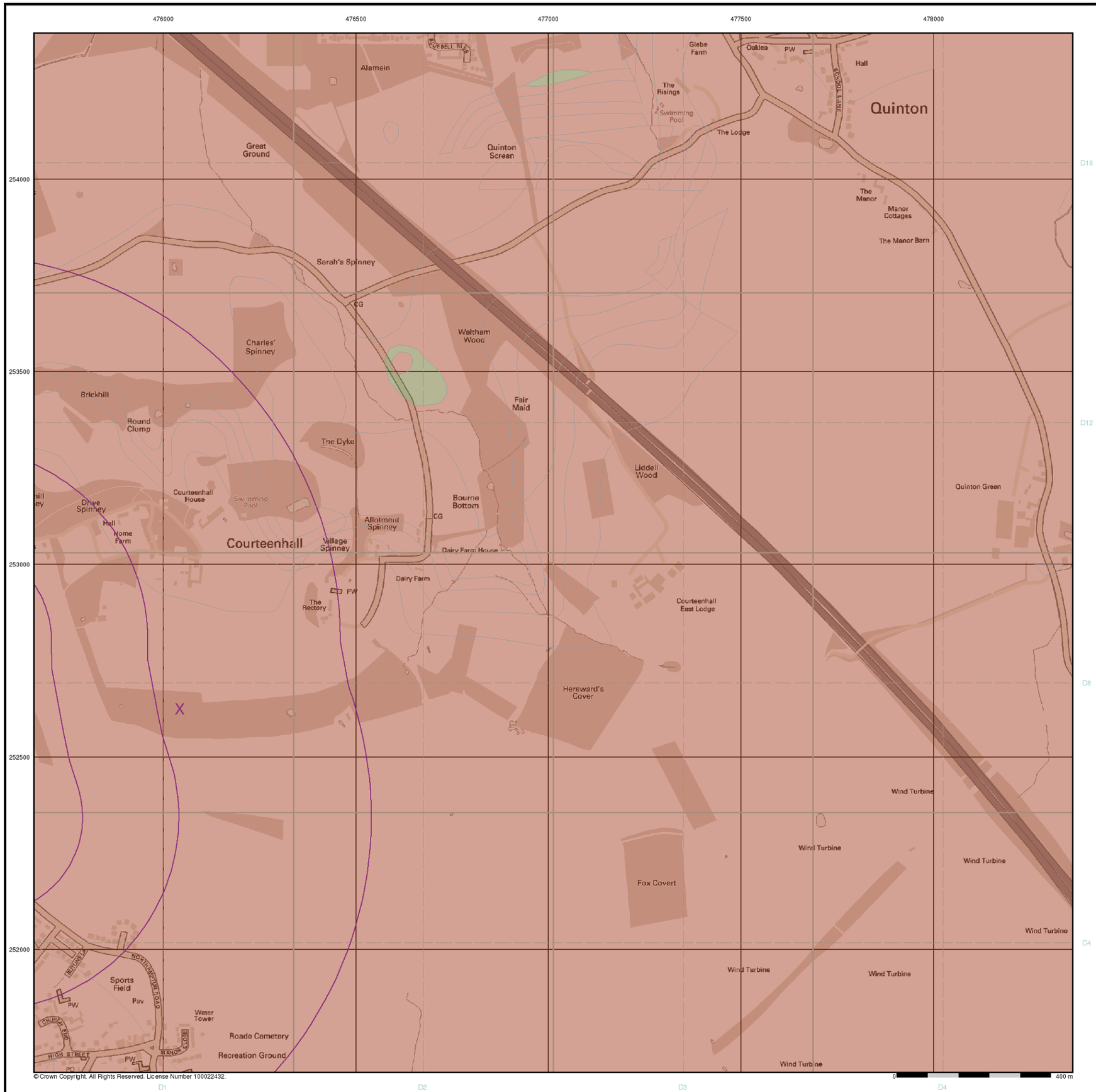
Order Details

Order Details:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	476040, 252630
Slice:	D
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Site Details

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General

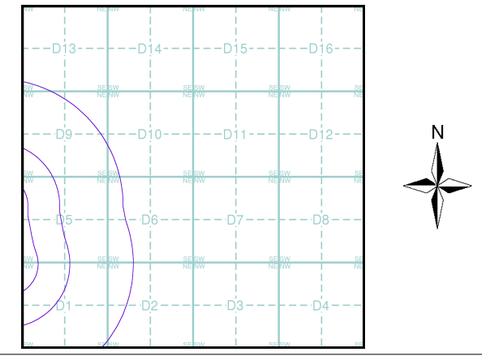
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

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

Estimated Soil Chemistry Chromium - Slice D



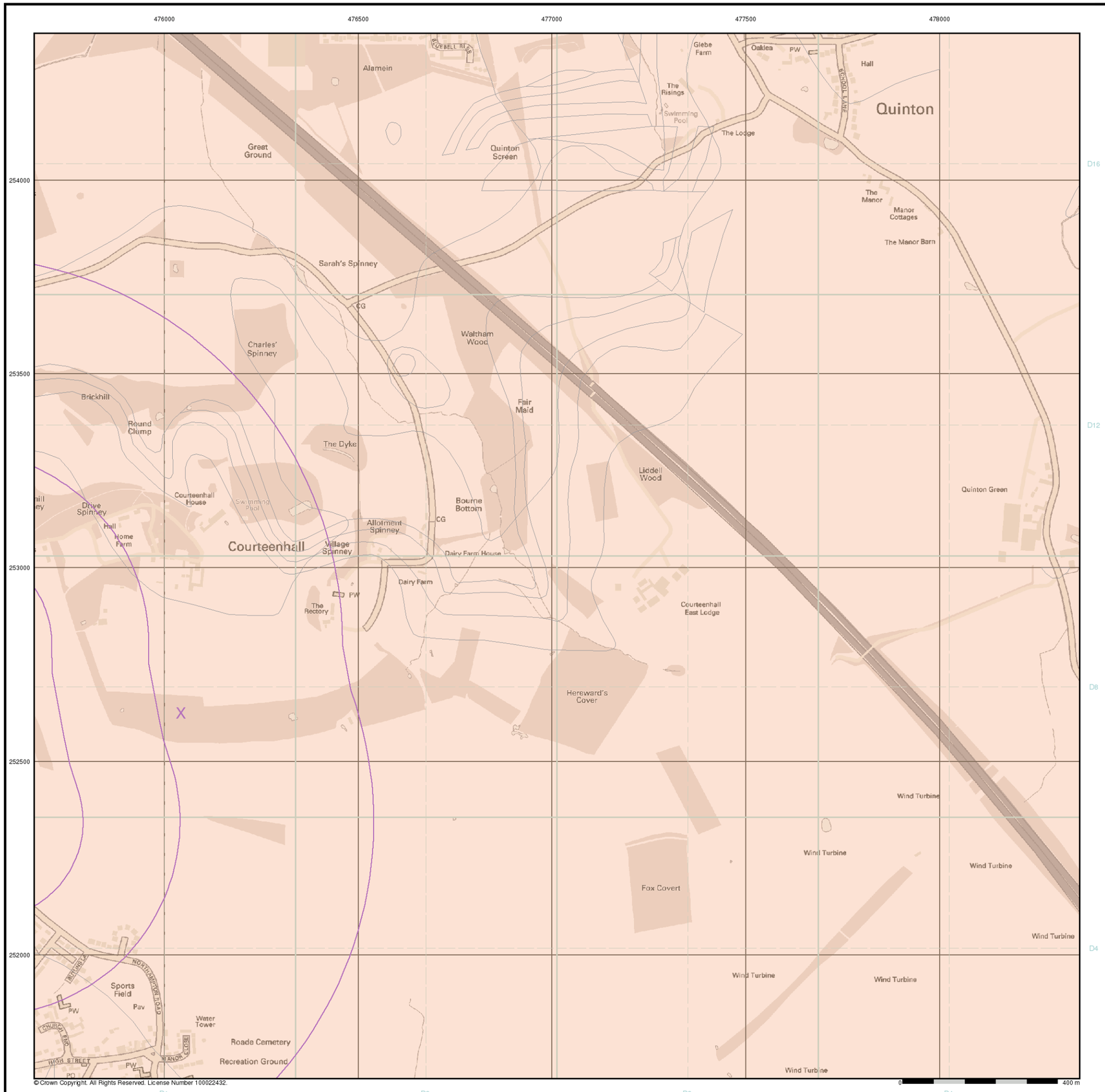
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National Grid Reference:	476040, 252630
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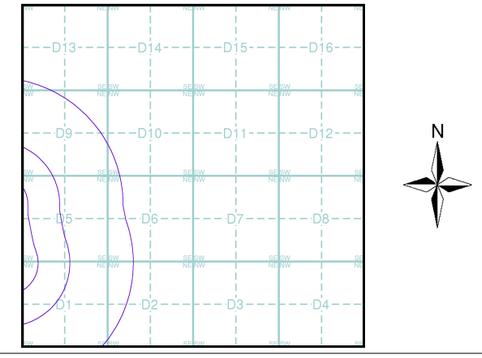
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



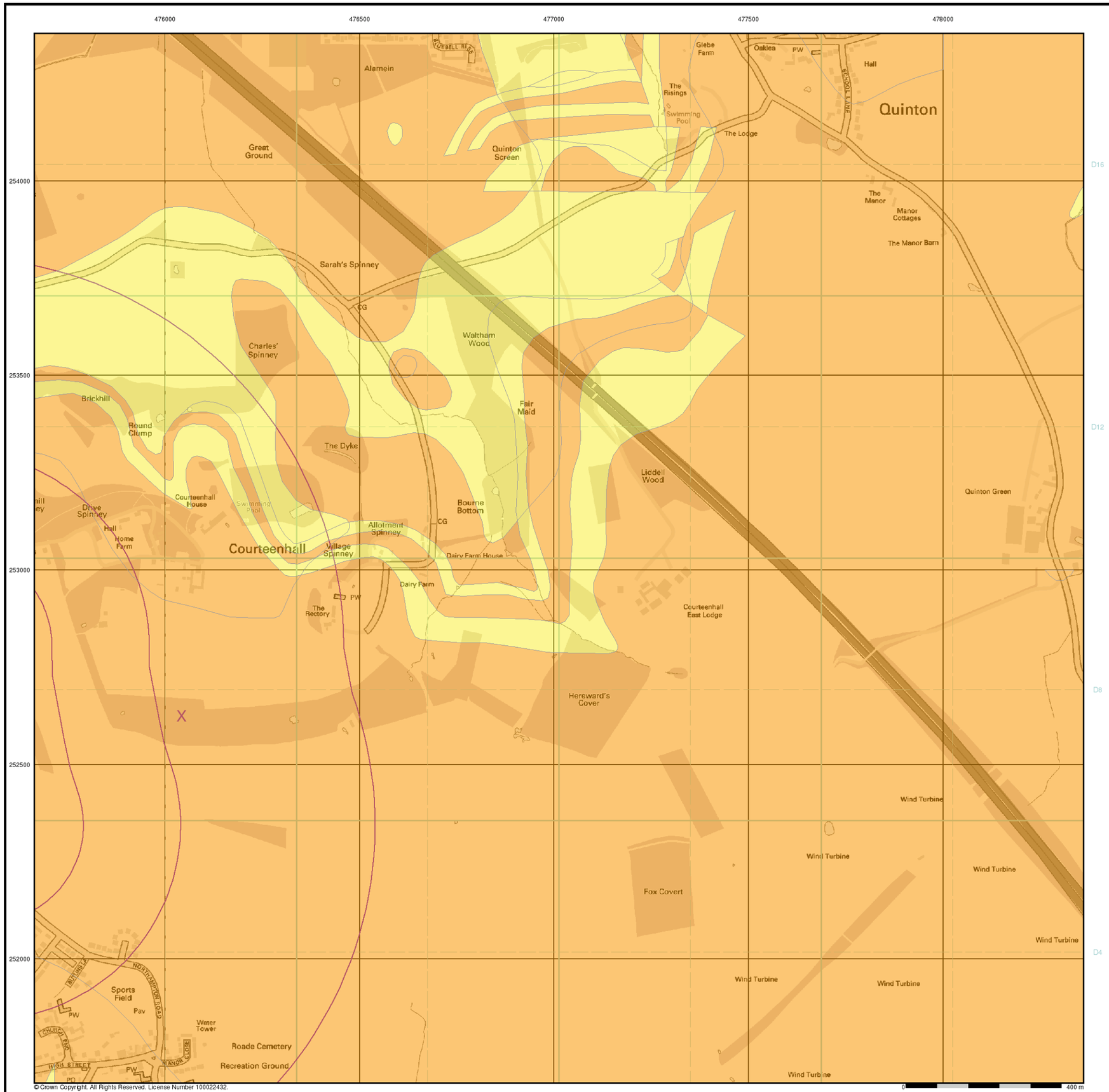
Order Details

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General

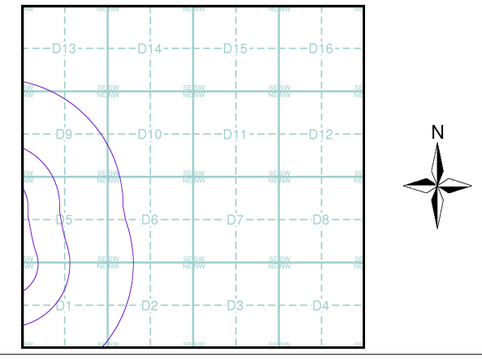
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

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

Estimated Soil Chemistry Nickel - Slice D



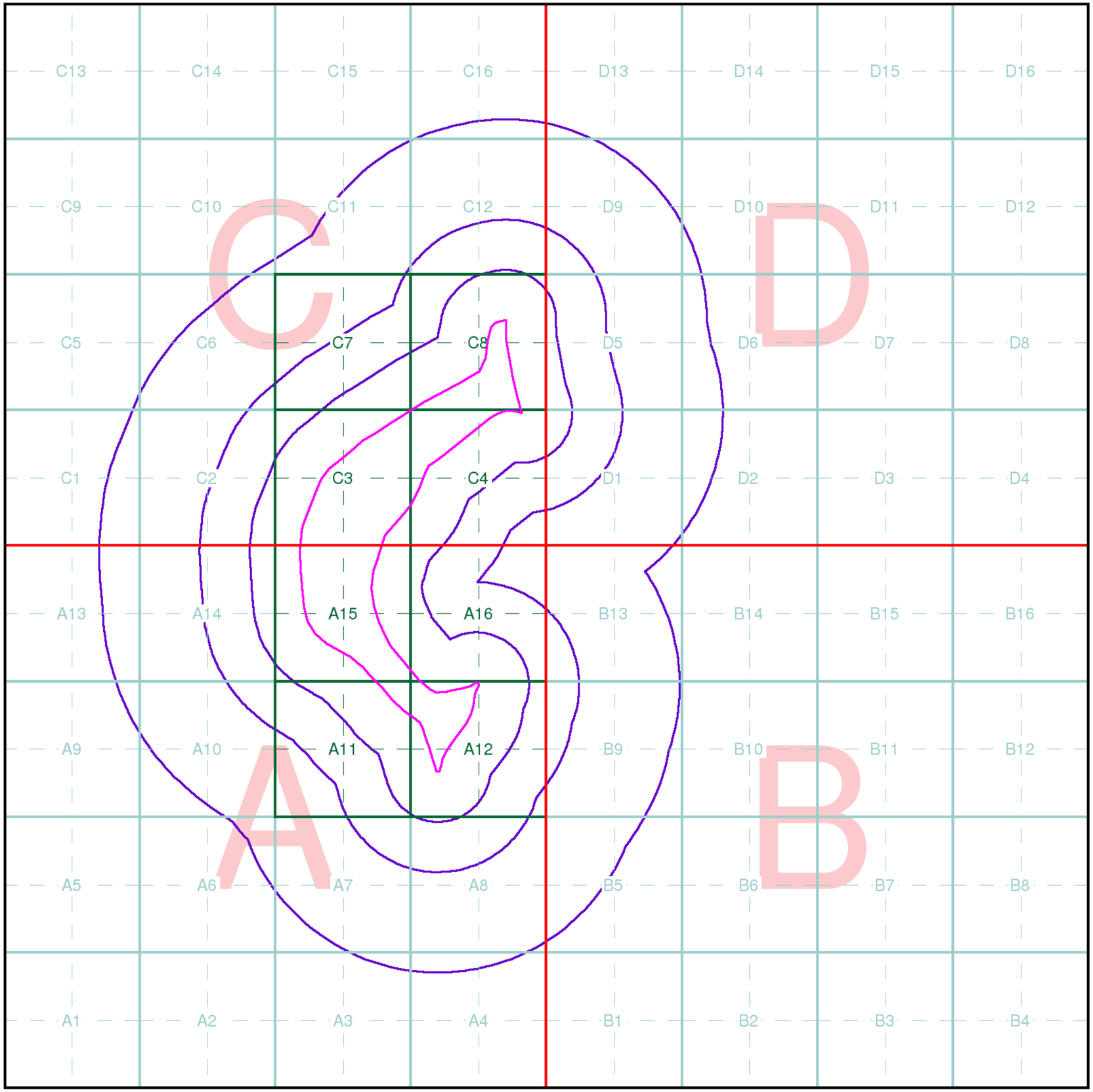
Order Details

Order Details:	90638346_1_1
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Slice:	D
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Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mrs D Martin, RSK Environment Ltd, Abbey Park, Humber Road, Coventry, CV3 4AQ

Order Details

Order Number:	90638346_1_1
Customer Ref:	313418
National Grid Reference:	474900, 251730
Site Area (Ha):	72.92
Search Buffer (m):	1000

Site Details

Ivydene, Bailey Brooks Lane, Roade, NORTHAMPTON, NN7 2LS

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

Landmark® Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

APPENDIX G
SEARCH RESPONSES AND INFORMATION

Abbey Park
Humber Road
Coventry
CV3 4AQ
UK

Telephone: +44 (0)24 7650 5600
Fax: +44 (0)24 7650 1417
www.rsk.co.uk

20th July 2016

Our reference: 313418 01 (00) Animal BS

AHVLA Midlands
Saffron House
Tigers Road
Wigston
Leicester
LE18 4UY

ahromidlands@ahvla.gsi.gov.uk

Dear Sirs/Madam

We have been commissioned as Consultants to carry out a Preliminary Sources Study Report for the proposed new Strategic Rail Freight Interchange Including Roade Bypass site located around the west of the village Roade.

The site is located north of Roads off the A508 then goes round the Village of Roade and we understand that this lies within your regulatory district area. A site location plan and site boundary plan are attached to define the exact site area under consideration

In order to help us with our assessments we would be grateful if you would be able to consult your records and provide us a formal written response to the following queries and questions pertaining to the site and immediate area with a radius of 250m;

- Please can you confirm if there is any information that suggest that the site, parts of the site or areas surrounding the site, have ever been used for animal burials, tanneries, slaughter houses, knackers' yards and the processing of any animal by-product, etc.?

We understand there is unlikely to be a direct fee charge for this information. However, please advise us of any ancillary costs that might occur in providing this information so that relevant instruction and order numbers can be arranged.

This information is required urgently and we would like to thank you in advance for your co-operation in this study.

Your sincerely

For RSK Company Limited
Darren Bench
Associate Director

Encl

- Fig 1 Site Location Plan

Animal & Plant Health Agency

APHA Midlands Office
Saffron House
Tigers Road
Wigston
Leicestershire
LE18 4UY

Tel: 03000 200 301
Fax: 0116 2770153
Website:
www.gov.uk/apha

Marc Dixon
Principal Geoenvironmental Engineer
RSK
Humber Road
Abbey Park
Coventry
CV3 4AQ

Our ref: 21/63/0013H
Your reference:

Date: 16th September 2016

Dear Mr Dixon,

NOTIFIABLE DISEASE BURIAL SITES – M1 JUNCTION 15- ROADE BYPASS
ANIMAL HEALTH ACT 1981
ANIMALS (MISCELLANEOUS PROVISIONS) ORDER 1927

Thank you for your enquiry received 6th September 2016. We have no record of a notifiable disease burial site, tannery or knackers yard at the location mentioned. However, I regret that our records are incomplete so we cannot give absolute assurance.

If sites are disturbed, there may be implications under the Control of Pollution Act and in this respect I suggest that you contact the appropriate authorities. In the event that animal remains are discovered in the course of land excavation, work should cease immediately and you should report the occurrence or your suspicions to this office. A licence will be required under the above legislation to enable the remains to be excavated and be re-buried in a secure disposal site.

Animal & Plant Health Agency is not in a position to give any further reassurance in respect of the suitability of the land for development.

Please let me know if further assistance is required.

Yours faithfully

Emma Shipman

For the Veterinary Head of Field Delivery

Abbey Park
Humber Road
Coventry
CV3 4AQ
UK

Telephone: +44 (0)24 7650 5600
Fax: +44 (0)24 7650 1417
www.rsk.co.uk

20th July 2014

Our reference: 313418 01 (00) CL

Vicky Ellison
Customers & Engagement Officer
Environment Agency
Lincolnshire and Northamptonshire Area

Waterside House

Waterside North

Lincoln,

LN2 5HA

vicky.ellison@environment-agency.gov.uk

313418 M1 Junction 15 by Strategic Rail Freight Interchange Including Roade Bypass – Contaminated Land

Consultation and Request For Information

Dear Vicky,

We have been commissioned as Consultants to carry out a Preliminary Sources Study Report for the proposed new Strategic Rail Freight Interchange Including Roade Bypass site located around the west of the village Roade.

The site is located north of Roads off the A508 then goes round the Village of Roade and we understand that this lies within your regulatory district area. A site location plan and site boundary plan are attached to define the exact site area under consideration

In order to help us with our assessments we would be grateful if you would be able to consult your records and provide us a formal written response to the following queries and questions;

1. Is the site or any parts of the currently designated as Contaminated Land?

2. If the site or any part thereof is considered contaminated please provide documentary evidence detailing the following:
   - The type and extent of contamination believed or proved to be present.
   - The receptors, which are deemed to be at risk.
   - Details of the pollutant linkages between the source of contamination and receptors.
   - Any details of proposed or required remedial actions.

3. Has responsibility for the site or any part thereof been passed over to the Environment Agency? If so please detail reasons and provide contact information.

4. Is the site or any part thereof likely to be considered to be contaminated land at some future date? If so please provide details and reasons. Documentary evidence as noted above (Ques 2) is also requested (as per question 2).

5. Has the site or any part thereof ever formerly been considered as contaminated land but sufficient remedial action to satisfy the enforcing authority taken place? If so please provide documentary evidence detailing the following:-
    - What the initial problem was.
    - What remedial action has taken place.
    - Implications and responsibilities this poses for the landowner in respect of site management or monitoring.

6. Please define the assigned Land Use Classification for the site or parts of the site areas based upon land use and history. If not defined please define the most appropriate classes.

7. Please provide a copy of your Contaminated Land Strategy or link to the strategy if on line.

8. Is the site or any part thereof (or has the site been) a registered landfill (open or closed) or does it lie within 500m of a known landfill? If so, are there any landfill gas monitoring records that could be made available?

9. Does the Council have any information which indicates that the site or neighbouring sites may be Contaminated Land within the meaning given by Section 57 of the Environment Act 1995? If so, please provide full details.

10. Has the council had cause to inspect the property or neighbouring property or taken any other action for the purpose of determining whether the property or neighbouring land may be Contaminated Land or in connection with the preparation of a Remediation Notice? If so, please supply full details.

11. Has the Council ever had cause to take any other action arising out of the state or condition of the property or neighbouring land? If so please provide details.

12. Has the Council ever received any complaints relating to such matters? If so, please supply full details.

13. Any other relevant data on the site regarding it's previous usage such as incidents of spillage's etc, exploratory data etc that may be relevant to our study? If so please provide details.

We understand there is no direct fee charge for this information. However, please advise us of any ancillary costs that might occur in providing this information so that relevant instruction and order numbers can be arranged.

This information is required urgently and we would like to thank you in advance for your co-operation in this study.

Yours Sincerely,



For RSK Company Limited

Darren Bench

Associate Director

Encl: Fig 1 Site Location

Darren Bench

From: Lincs & Northants, Customer Enquiries [LNenquiries@environment-agency.gov.uk]
Sent: 16 September 2016 18:02
To: Marc Dixon
Subject: FW: Junction 15 Bypass and Main site Information Request CCN/2016/22671

Dear Marc

Enquiry regarding Junction 15 Bypass and Main site Information Request CCN/2016/22671

Thank you for your enquiry which was received on 6th September 2016.

We respond to requests under the Freedom of Information Act 2000 and Environmental Information Regulations 2004.

I attach answers to the two information requests you passed to us below, the responses are listed separately under each site. This data will be shared under the Open Government Licence, to read this and find out about permitted use, please click **here** .

Please get in touch if you have any further queries or contact us within two months if you'd like us to review the information we have sent.

Kind regards,

Nicola Stone
Customers & Engagement Officer
Lincolnshire and Northamptonshire Area
nicola.stone@environment-agency.gov.uk
Internal (jabber) 45475
External (+44) 0208 474 5475

Lincolnshire and Northamptonshire Area, Environment Agency
Waterside House, Waterside North, Lincoln. LN2 5HA

M1 JUNCTION 15 – MAIN SITE FROM GROUNDWATER & CONTAMINATED LAND LINCOLNSHIRE & NORTHAMPTONSHIRE AREA

1. Is the site or any parts of the currently designated as Contaminated Land?

This team has no record of any part of the site being determined Contaminated Land, however the lead for Part 2A is the Local Authority and we advise that the customer directs the enquiry to South Northamptonshire District Council.

2. If the site or any part thereof is considered contaminated please provide documentary evidence detailing the following:

- The type and extent of contamination believed or proved to be present.
- The receptors, which are deemed to be at risk.
- Details of the pollutant linkages between the source of contamination and receptors.
- Any details of proposed or required remedial actions.

This team hold no records relating to the site

3. Has responsibility for the site or any part thereof been passed over to the Environment Agency? If so please detail reasons and provide contact information.

No

4. Is the site or any part thereof likely to be considered to be contaminated land at some future date? If so please provide details and reasons. Documentary evidence as noted above is also requested (as per question 2).
Please refer to answer 1.

5. Has the site or any part thereof ever formerly been considered as contaminated land but sufficient remedial action to satisfy the enforcing authority taken place? If so please provide documentary evidence detailing the following:-

- What the initial problem was.
- What remedial action has taken place.
- Implications and responsibilities this poses for the landowner in respect of site management or monitoring.

Please refer to answer 1.

6. Please define the assigned Land Use Classification for the site or parts of the site areas based upon land use and history. If not defined please define the most appropriate classes.
Please refer to answer 1.

7. Please provide a copy of your Contaminated Land Strategy or link to the strategy if on line.
As per Part 2A Statutory Guidance, the Local Authorities prepare a Contaminated Land Strategy and we recommend that the Local Authority is contacted for this information.

8. Is the site or any part thereof (or has the site been) a registered landfill (open or closed) or does it lie within 500m of a known landfill? If so, are there any landfill gas monitoring records that could be made available?
We have no record of the site being recorded as a landfill. Wooton Landfill lies adjacent to part of this site at approx. grid ref SP7579455364. Installations South should be able to provide gas monitoring records. Courteenhall Grange Farm Pit, a historic landfill is located approximately 180 m to the north of the site. Blisworth Lodge Farm Landfill lies approximately 490 m to the south-west of the site at its closest point. More information on these landfills can be obtained online on What's in your backyard? http://maps.environment-agency.gov.uk/wiyby/wiybyController?ep=maptopics&lang=_e

9. Does the Council have any information which indicates that the site or neighbouring sites may be Contaminated Land within the meaning given by Section 57 of the Environment Act 1995? If so, please provide full details.
Please refer to answer 1.

10. Has the council had cause to inspect the property or neighbouring property or taken any other action for the purpose of determining whether the property or neighbouring land may be Contaminated Land or in connection with the preparation of a Remediation Notice? If so, please supply full details.
Please refer to answer 1.

11. Has the Council ever had cause to take any other action arising out of the state or condition of the property or neighbouring land? If so please provide details.
Please refer to answer 1.

12. Has the Council ever received any complaints relating to such matters? If so, please supply full details.
Please refer to answer 1.

13. Any other relevant data on the site regarding it's previous usage such as incidents of spillage's etc, exploratory data etc that may be relevant to our study? If so please provide details.
GWCL team holds no records relating to the site. Any queries relating to pollution incidents should be directed to the Land and Water or Waste team.

ROADE BYPASS SITE (FROM GROUNDWATER & CONTAMINATED LAND LINCOLNSHIRE & NORTHAMPTONSHIRE AREA - *please note that only about 10% of this site is in the water management area of Lincs & Northants so also see Cambs & Beds response below.*

1. Is the site or any parts of the currently designated as Contaminated Land?

This team has no record of any part of the site (in Lincs & Northants Water Management Area) being determined Contaminated Land, however the lead for Part 2A is the Local Authority and we advise that the customer directs the enquiry to South Northamptonshire District Council.

2. If the site or any part thereof is considered contaminated please provide documentary evidence detailing the following:

- The type and extent of contamination believed or proved to be present.
- The receptors, which are deemed to be at risk.
- Details of the pollutant linkages between the source of contamination and receptors.
- Any details of proposed or required remedial actions.

This team hold no records relating to part of the site in Lincs & Northants water management area.

3. Has responsibility for the site or any part thereof been passed over to the Environment Agency? If so please detail reasons and provide contact information.

No (for our part of the site)

4. Is the site or any part thereof likely to be considered to be contaminated land at some future date? If so please provide details and reasons. Documentary evidence as noted above is also requested (as per question 2).
Please refer to answer 1.

5. Has the site or any part thereof ever formerly been considered as contaminated land but sufficient remedial action to satisfy the enforcing authority taken place? If so please provide documentary evidence detailing the following:-

- What the initial problem was.
- What remedial action has taken place.
- Implications and responsibilities this poses for the landowner in respect of site management or monitoring.

Please refer to answer 1.

6. Please define the assigned Land Use Classification for the site or parts of the site areas based upon land use and history. If not defined please define the most appropriate classes.
Please refer to answer 1.

7. Please provide a copy of your Contaminated Land Strategy or link to the strategy if on line.
As per Part 2A Statutory Guidance, the Local Authority prepares a Contaminated Land Strategy and we recommend that the Local Authority is contacted for this information.

8. Is the site or any part thereof (or has the site been) a registered landfill (open or closed) or does it lie within 500m of a known landfill? If so, are there any landfill gas monitoring records that could be made available?
The Pianoforte Supplies - Old Quarry landfill lies adjacent to part of the site at approx. grid ref SP7545150939. This landfill is in Cambs & Beds area, so it would be appropriate to contact the Installations team that covers this site. Some information relating to the site is available online on What's in your backyard? http://maps.environment-agency.gov.uk/wiyby/wiybyController?ep=maptopics&lang=_e

9. Does the Council have any information which indicates that the site or neighbouring sites may be Contaminated Land within the meaning given by Section 57 of the Environment Act 1995? If so, please provide full details.
Please refer to answer 1.

10. Has the council had cause to inspect the property or neighbouring property or taken any other action for the purpose of determining whether the property or neighbouring land may be Contaminated Land or in connection with the preparation of a Remediation Notice? If so, please supply full details.
Please refer to answer 1.

11. Has the Council ever had cause to take any other action arising out of the state or condition of the property or neighbouring land? If so please provide details.
Please refer to answer 1.

12. Has the Council ever received any complaints relating to such matters? If so, please supply full details.
Please refer to answer 1.

13. Any other relevant data on the site regarding it's previous usage such as incidents of spillage's etc, exploratory data etc that may be relevant to our study? If so please provide details.
GWCL team holds no records relating to the site. Any queries relating to pollution incidents should be directed to the Land and Water or Waste team.

ROADE BYPASS SITE FROM THE EAST ANGLIA (CAMBS & BEDS) GROUNDWATER & CONTAMINATED LAND TEAM.

1. Is the site or any parts of the currently designated as Contaminated Land?

This team has no record of any part of the site (in the East Anglia - Cambs & Beds Water Management Area) being determined Contaminated Land, however the lead for Part 2A is the Local Authority and we advise that the customer directs the enquiry to South Northamptonshire District Council.

2. If the site or any part thereof is considered contaminated please provide documentary evidence detailing the following:

- The type and extent of contamination believed or proved to be present.
- The receptors, which are deemed to be at risk.
- Details of the pollutant linkages between the source of contamination and receptors.
- Any details of proposed or required remedial actions.

This team hold no records relating to part of the site in the East Anglia - Cambs & Beds Water Management Area.

3. Has responsibility for the site or any part thereof been passed over to the Environment Agency? If so please detail reasons and provide contact information.
No (for our part of the site).

4. Is the site or any part thereof likely to be considered to be contaminated land at some future date? If so please provide details and reasons. Documentary evidence as noted above is also requested (as per question 2).
Please refer to answer 1.

5. Has the site or any part thereof ever formerly been considered as contaminated land but sufficient remedial action to satisfy the enforcing authority taken place? If so please provide documentary evidence detailing the following:-

- What the initial problem was.
- What remedial action has taken place.
- Implications and responsibilities this poses for the landowner in respect of site management or monitoring.

Please refer to answer 1.

6. Please define the assigned Land Use Classification for the site or parts of the site areas based upon land use and history. If not defined please define the most appropriate classes.
Please refer to answer 1.

7. Please provide a copy of your Contaminated Land Strategy or link to the strategy if on line.
As per Part 2A Statutory Guidance, the Local Authority prepares a Contaminated Land Strategy and we recommend that the Local Authority is contacted for this information.

8. Is the site or any part thereof (or has the site been) a registered landfill (open or closed) or does it lie within 500m of a known landfill? If so, are there any landfill gas monitoring records that could be made available?
The Pianoforte Supplies - Old Quarry landfill lies adjacent to part of the site at approximately National Grid Reference SP7545150939. This landfill is located in our East Anglia - Cambridgeshire & Bedfordshire Area so it would be appropriate to contact the Installations team that covers this site. Some information relating to the site is available online on the relevant What's in your backyard webpage: http://maps.environment-agency.gov.uk/wiyby/queryController?topic=waste&ep=2ndtierquery&lang=_e&layerGroups=1&x=475578.761199999995&y=251017.032749999&extraClause=ID~803&textonly=off&latestValue=&latestField=

9. Does the Council have any information which indicates that the site or neighbouring sites may be Contaminated Land within the meaning given by Section 57 of the Environment Act 1995? If so, please provide full details.
Please refer to answer 1.

10. Has the council had cause to inspect the property or neighbouring property or taken any other action for the purpose of determining whether the property or neighbouring land may be Contaminated Land or in connection with the preparation of a Remediation Notice? If so, please supply full details.
Please refer to answer 1.

11. Has the Council ever had cause to take any other action arising out of the state or condition of the property or neighbouring land? If so please provide details.

Please refer to answer 1.

12. Has the Council ever received any complaints relating to such matters? If so, please supply full details.
Please refer to answer 1.

13. Any other relevant data on the site regarding it's previous usage such as incidents of spillage's etc, exploratory data etc that may be relevant to our study? If so please provide details.
Our GWCL team holds no records relating to pollution incidents at the site. Any queries relating to pollution incidents should be directed to the Brampton Land and Water or Waste team. Please note that the site is located above a principal groundwater aquifer (Blisworth Limestone Formation). The site is considered sensitive as the Blisworth Limestone has high permeability and we are aware from review of our resources that groundwater is at depths of approximately 6 metres below ground level.

From: MDixon@rsk.co.uk [mailto:MDixon@rsk.co.uk]
Sent: 06 September 2016 16:54
To: Lincs & Northants, Customer Enquiries <LNenquiries@environment-agency.gov.uk>
Subject: FW: RE: Junction 15 Bypass and Main site Information Request CCN/2016/22671

Hi,

On behalf of Darren Bench please find attached two information requests for the Junction 15 site including the main site and bypass. Please let us know if there are any fees associated with your formulating a reply.

Kind Regards

Marc Dixon
Principal Geoenvironmental Engineer

RSK
Humber Road, Abbey Park, Coventry, CV3 4AQ, UK

Switchboard: +44 (0)24 7650 5600
Fax: +44 (0)24 7650 1417
email: mdixon@rsk.co.uk

http://www.rsk.co.uk

Global provider of environmental consultancy, health and safety, and ground engineering services

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Registered number: 115530

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www.rsk.co.uk

20th July 2016

Our reference: 313418 01 (00) CL

Trevor Dixon
Contaminated Land Officer
South Northamptonshire Council,
Springfields,
Towcester,
Northampton
NN12 6AE

tevor.dixon@southnorthants.gov.uk

313418 M1 Junction 15 Strategic Rail Freight Interchange Including Roade Bypass – Contaminated Land

Consultation and Request For Information

Dear Trevor,

We have been commissioned as Consultants to carry out a Preliminary Sources Study Report for the proposed new Strategic Rail Freight Interchange Including Roade Bypass site located around the west of the village Roade.

The site is located north of Roads off the A508 then goes round the Village of Roade and we understand that this lies within your regulatory district area. A site location plan and site boundary plan are attached to define the exact site area under consideration

In order to help us with our assessments we would be grateful if you would be able to consult your records and provide us a formal written response to the following queries and questions;

1. Is the site or any parts of the currently designated as Contaminated Land?
2. If the site or any part thereof is considered contaminated please provide documentary evidence detailing the following:
    - The type and extent of contamination believed or proved to be present.
    - The receptors, which are deemed to be at risk.
    - Details of the pollutant linkages between the source of contamination and receptors.
    - Any details of proposed or required remedial actions.
3. Has responsibility for the site or any part thereof been passed over to the Environment Agency? If so please detail reasons and provide contact information.

4. Is the site or any part thereof likely to be considered to be contaminated land at some future date? If so please provide details and reasons. Documentary evidence as noted above (Ques 2) is also requested (as per question 2).

5. Has the site or any part thereof ever formerly been considered as contaminated land but sufficient remedial action to satisfy the enforcing authority taken place? If so please provide documentary evidence detailing the following:-
    - What the initial problem was.
    - What remedial action has taken place.
    - Implications and responsibilities this poses for the landowner in respect of site management or monitoring.

6. Please define the assigned Land Use Classification for the site or parts of the site areas based upon land use and history. If not defined please define the most appropriate classes.

7. Please provide a copy of your Contaminated Land Strategy or link to the strategy if on line.

8. Is the site or any part thereof (or has the site been) a registered landfill (open or closed) or does it lie within 500m of a known landfill? If so, are there any landfill gas monitoring records that could be made available?

9. Does the Council have any information which indicates that the site or neighbouring sites may be Contaminated Land within the meaning given by Section 57 of the Environment Act 1995? If so, please provide full details.

10. Has the council had cause to inspect the property or neighbouring property or taken any other action for the purpose of determining whether the property or neighbouring land may be Contaminated Land or in connection with the preparation of a Remediation Notice? If so, please supply full details.

11. Has the Council ever had cause to take any other action arising out of the state or condition of the property or neighbouring land? If so please provide details.

12. Has the Council ever received any complaints relating to such matters? If so, please supply full details.

13. Any other relevant data on the site regarding it's previous usage such as incidents of spillage's etc, exploratory data etc that may be relevant to our study? If so please provide details.

We understand there is no direct fee charge for this information. However, please advise us of any ancillary costs that might occur in providing this information so that relevant instruction and order numbers can be arranged.

This information is required urgently and we would like to thank you in advance for your co-operation in this study.

Yours Sincerely,



For RSK Company Limited

Darren Bench

Associate Director

Encl: Fig 1 Site Location

South Northamptonshire Council

Springfields Towcester Northants NN12 6AE
www.southnorthants.gov.uk

Darren Bench
Associate Director
RSK
Abbey Park, Humber Road,
Coventry
CV3 4AQ

Via email – DBench@rsk.co.uk

Our Ref: WK/201607126
Please Ask For: Romero Okikiade
Direct Dial: 01327 322354
Direct Fax 01327 359946
Minicom: 01327 322275
Email: romero.okikiade@southnorthants.gov.uk
Date: 16 November 2016

Dear Mr Bench,

Environmental Information Regulations
M1 Junction 15 Bypass and Main site Information Request

Please see our replies to your query below for both the Main Site and the M1 Junction 15 bypass (hereafter referred to as "the sites") -

1. Is the site or any parts of the currently designated as Contaminated Land?

South Northamptonshire Council has not designated the sites or any parts of the sites "Contaminated Land" as defined in Part 2a of the Environmental Protection Act 1990.

2. If the site or any part thereof is considered contaminated please provide documentary evidence detailing the following:
- The type and extent of contamination believed or proved to be present.
- The receptors, which are deemed to be at risk.
- Details of the pollutant linkages between the source of contamination and receptors.
- Any details of proposed or required remedial actions.

South Northamptonshire Council does not consider any parts of the sites "Contaminated Land" as defined in the Environmental Protection Act 1990.

3. Has responsibility for the site or any part thereof been passed over to the Environment Agency? If so please detail reasons and provide contact information.

South Northamptonshire Council has not passed responsibility of the sites or any parts there-of to the Environment Agency for any reason.

4. Is the site or any part thereof likely to be considered to be contaminated land at some future date? If so please provide details and reasons. Documentary evidence as noted above is also requested (as per question 2).

South Northamptonshire Council does not consider the sites or any parts there-of likely to be Contaminated Land as defined in Part 2a of the Environmental Protection Act 1990.

5. Has the site or any part thereof ever formerly been considered as contaminated land but sufficient remedial action to satisfy the enforcing authority taken place? If so please provide documentary evidence detailing the following:-

- What the initial problem was.
- What remedial action has taken place.
- Implications and responsibilities this poses for the landowner in respect of site management or monitoring.

South Northamptonshire Council has not formerly considered the sites or any parts there-of as Contaminated Land as defined in Part 2a of the Environmental Protection Act 1990.

6. Please define the assigned Land Use Classification for the site or parts of the site areas based upon land use and history. If not defined please define the most appropriate classes.

The assigned Land Use Classifications for both sites are generally Agricultural Land.

7. Please provide a copy of your Contaminated Land Strategy or link to the strategy if on line.

South Northamptonshire Council's Contaminated Land Strategy can be found at the link below.
http://www.southnorthants.gov.uk/2279.htm

8. Is the site or any part thereof (or has the site been) a registered landfill (open or closed) or does it lie within 500m of a known landfill? If so, are there any landfill gas monitoring records that could be made available?

The sites are not registered landfills and no parts of either site are registered landfills. The sites however lie with 500m of 2 registered landfill sites.

a. **The Simplex Works (Site reference S/76/001,2800/5418 – EA reference EAHLD02283) which was licenced to collect waste from the adjacent Pianoforte Supplies complex on Ashton Road in Roade.**
b. **The Old Roade Quarry (Site reference 2800/0004 – EA reference EAHLD35665) also licenced to collect waste from the nearby Pianoforte Supplies Ltd.**

There are extensive planning records including contaminated land investigations relevant to the above landfill sites and adjacent land. These records can be made available for viewing at the council offices if necessary.

9. Does the Council have any information which indicates that the site or neighbouring sites may be Contaminated Land within the meaning given by Section 57 of the Environment Act 1995? If so, please provide full details.

South Northamptonshire Council does not have any information that indicates the sites or neighbouring sites may be "Contaminated Land" as defined in Part 2a of the Environmental Protection Act 1990.

10. Has the council had cause to inspect the property or neighbouring property or taken any other action for the purpose of determining whether the property or neighbouring land may be Contaminated Land or in connection with the preparation of a Remediation Notice? If so, please supply full details.

South Northamptonshire Council has not had any cause to inspect the sites or neighbouring sites for the purposes of determining whether they may be "Contaminated Land" as defined in Part 2a of the Environmental Protection Act 1990 or in connection with the preparation of a Remediation Notice.

11. Has the Council ever had cause to take any other action arising out of the state or condition of the property or neighbouring land? If so please provide details.

South Northamptonshire Council has not had any cause to take any action arising out of the state/ condition of the property or neighbouring land under Part 2a of the Environmental Protection Act 1990.

12. Has the Council ever received any complaints relating to such matters? If so, please supply full details.

South Northamptonshire Council has not received any complaints relating to determination of the site or neighbouring property as "Contaminated Land" as defined by Part 2a of the Environmental Protection Act 1990

13. Any other relevant data on the site regarding it's previous usage such as incidents of spillage's etc, exploratory data etc that may be relevant to our study? If so please provide details.

South Northamptonshire Council is not aware of any exploratory data or spillage incidents relating to the site. The applicant is advised to contact the Environment Agency in order to find out what records are held regarding the site.

The above information is related strictly to Environmental Protection files which are subject to continuous updating. If you would like clarification on any of the information provided please feel free to contact me.

Thank you for your payment of £58.00 to cover our administrative costs.

Yours sincerely

Romero Okikiade
Environmental Protection Officer

APPENDIX H
SITE PHOTOGRAPHS AND WALKOVER SURVEY

PHOTOGRAPHIC LOG

Photo No.	**Date:**
1	21/7/16

Description:

View looking west into the site, from the A508 in the north of the site. Accessed through a lockable 4m wide gate.



Photo No.	**Date:**
2	21/7/16

Description:

View of the field between the A508 and the railway cutting in the north of the site. Currently cropped with beans.



Photo No.	Date:	
3	21/7/16	
Description: View south, along the railway cutting. The proposed road is likely to cross the railway approximately halfway between the bridge from where the photograph was taken, and the next visible bridge.		

Photo No.	Date:	
4	21/7/16	
Description: View south-west from the railway along the route of the proposed road. A shallow ridge can be seen before a field cropped with corn.		

Photo No.	Date:	
5	21/7/16	
Description: View north across fields in the central section of the route, taken from Blisworth Road by Hyde Farm. Field noted to be cropped, although has previously been grazed by livestock.		

Photo No.	Date:	
6	21/7/16	
Description: View west from Blisworth Road into field immediately south of Hyde Farm. The conifer trees in the right of the photo are located at the residential property adjacent to Hyde Farm. Shallow valley to the drainage ditch can be seen in background, with fields beyond.		

Photo No.	Date:
7	21/7/16

Description:

View north-east across fields in the central section of the route, with Hyde Farm in the dinstance.



Photo No.	Date:
8	21/7/16

Description:

View of the drainage ditch adjacent to Dovecote Farm, near the central section of the site. The ditch is culverted under a public footpath and was dry at the time of the walkover.



Photo No.	Date:	
9	21/7/16	
Description: View north from the A508 at the southern extent of the site. Overlooking an access track through the southernmost field, with the tree line located along the former east-west orientated railway line.		

Photo No.	Date:	
10	21/7/16	
Description: View of the point at which the former east-west orientated railway line meets the A508 in the south of the site. The former access to fields is overgrown, while the railway line is now covered with dense vegetation including numerous mature trees.		

WALKOVER SURVEY CHECKLIST

Location: M1Junction 15 West, Northampton - Roade Bypass,

Project number: 313418 NGR: 474771, 251869

These inspections can provide useful information on:

- Potential geotechnical hazards
- Suitable and appropriate locations for investigation
- The groundwater and surface water environments
- Potentially sensitive receptors (targets) including issues that require further investigation, e.g. ecology surveys
- Potential sources of contaminants
- Nature of contamination
- Potential migration routes (pathways)

Mark locations of features described on a map and give them a reference number.
Describe features in as much detail as possible. Continue on the back of the checklist if necessary, using the feature letter for reference. Take photos of site and relevant features in immediate surrounding area.
The walkover survey can also provide information for the environmental consultant in planning the site investigation.

Points that should be addressed in a walkover survey are as follows:

Features	Description
a) Describe materials exposed in nearby road or railway cuttings, in pits and quarries and natural exposures of soils and rocks near to the site.	NA Railway is within a deep cutting, the banks of which are either obscured by retaining walls, or dense vegetation
b) Describe surrounding properties/land use.	Generally arable farmland, however several fields through the centre of the route are utilised for livestock (sheep and cows), while others are utilised by stables (horses).
c) Describe present land use	As above, generally arable farmland, however several fields through the centre of the route are utilised for livestock (sheep and cows), while others are utilised by stables (horses).

WALKOVER SURVEY CHECKLIST Continued

Location: M1Junction 15 West, Northampton - Roade Bypass,

Project number: 313418 **NGR: 474771, 251869**

Features	Description
d) Describe the site in terms of ground slopes and changes in slope.	Topographically, the site undulates along its entire length, the only notable exceptions are the railway cutting in the north of the site, and the shallow ridge in the field immediately west of the railway cutting.
e) Describe the types and condition of surface vegetation.	Generally agricultural fields, (arable and livestock), gravel or dirt access tracks. Semi mature shrubs and trees are present, principally along field boundaries. Thick vegetation and mature trees present within the disused railway cutting alignment crossing the south western end of the alignment. No unhealthy or invasive plant species noted although detailed surveys by specialist ecologists required to confirm this.
f) Note the number, location, height and species of trees and hedges.	Numerous deciduous and coniferous mature trees across the site, generally along hedgerows which formed field boundaries and along the former disused railway cutting in the south western extent of the alignment.
g) Describe any evidence of animal activity.	None noted during walkover, (with the exception of livestock). Detailed surveys by specialist ecologists required to confirm this.

WALKOVER SURVEY CHECKLIST Continued

Location: M1Junction 15 West, Northampton - Roade Bypass,

Project number: 313418 **NGR: 474771, 251869**

Features	Description
h) Describe any damage to existing structures on site or adjacent to the site	While Hyde Farm is located within the site boundary, the route of the proposed road is unlikely to pass through any existing buildings. If alignment does go through farm it will need to be purchased and demolished.
i) Note the remains of structures that have been demolished. Look for evidence of remnants of any historic structures.	None noted
j) Note any abrupt changes in ground level.	Railway cuttings and former disused railway cuttings present dissecting route and will need to be bridged.
k) Note any surface hollows.	Undulating topography which is quite pronounced at the south western end of the alignment. Existing railway cutting and former disused railway cuttings are also present dissecting the alignment.
l) In areas of country underlain by coal or other minerals note any hummocky ground.	N/A

WALKOVER SURVEY CHECKLIST Continued

Location: M1Junction 15 West, Northampton - Roade Bypass,

Project number: 313418 **NGR: 474771, 251869**

Features	Description
m) Note any evidence of gas from nearby landfill sites	None noted
n) Note the location of streams, ponds, seepages and sinks and signs of previous flooding.	None noted, the drainage ditch located through the centre of the site was dry at the time of the walkover.
o) All surface waters should be examined for evidence of contamination.	None noted, and as above, the drainage ditch located through the centre of the site was dry at the time of the walkover.
p) Note any discoloured ground.	None noted
q) Identify any old structures, pipework etc. wherever possible and, if safe, inspect for evidence of stored waste.	None noted
r) Examine surrounding areas for evidence of contamination which could migrate onto the site.	None noted, however farms adjacent to the route could not be accessed at the time of the walkover and may contain localised sources of contamination such as fuel tanks, fertiliser, herbicides and pesticides or other chemicals.
s) Note the presence of any underground structures, services, mine workings, tunnels etc	None noted

WALKOVER SURVEY CHECKLIST Continued

Location: M1Junction 15 West, Northampton - Roade Bypass,

Project number: 313418 **NGR: 474771, 251869**

Features	Description
t) Note any anecdotal information in past uses of the site.	None noted
u) Identify potential access routes to the site for plant for the site investigation	Access to all individual fields that make up the whole site can be gained either directly from public roads, farms , field gates or through adjacent fields that have access from public roads, or potentially through Hyde Farm. Fields and gates are under multiple ownerships and most have padlocks or are otherwise secured. Access to the disused railway cutting is at present impractical due to the thick mature vegetation present.
v) Evidence of buried services (water, gas, electricity, telephone, cable, television, pipelines)	Local overhead electrical power lines and telephone lines have been noted crossing the site in multiple locations. Underground services in the form of local water supplies in fields and utilities supplies to farms are likely, but were not specifically noted during the walkover.

Walkover survey completed from public highways and public rights of way only.

Surveyor Name: Loren Moody & Darren Bench Date: July and August 2016