



**Land At North Side Burrs Lane
Barkway
Hertfordshire
SG8 8EP**

Desk Study

for Claire Smalley

February 2026

J25352
Rev 0



Ground investigation | Geotechnical consultancy | Contaminated land assessment



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Executive summary

This executive summary contains an overview of the key findings and conclusions. No reliance should be placed on any part of the executive summary until the whole of the report has been read. Other sections of the report may contain information that puts into context the findings that are summarised in the executive summary.

Brief

This report describes the findings of a desk study carried out by Geotechnical and Environmental Associates Limited (GEA) on the instructions of Claire Smalley with Land at North Side Burrs Lane (former Stables) for residential development with a bungalow. The purpose of the work has been to determine the history of the site, to assess the potential for contamination, to provide preliminary information on the expected ground conditions and to provide preliminary information on foundation options.

Desk Study Findings

The earliest map studied, dated 1877, shows the site to be undeveloped and occupied by a field. A brewery was located 100 m to the west and a stream is shown running along the western and northern boundaries, flowing eastward. The adjacent field to the north was occupied by an orchard at this time. Burrs Lane had been established to the south along with a number of buildings on the High Street to the west. The 1877 map shows two ponds located 53 m and 83 m to the north of the site.

Between 1877 and the early 1950s little to no change was observed on site or in the surrounding area.

The site was first developed with the existing stables and exercise paddock at some time between 1993 and 1994. The site and surrounding area have changed very little since that time.

The site is expected to be directly underlain by superficial deposits of the Lowestoft Formation and Head Deposits comprising clay, silt, sand and gravel in the north of the site, with the bedrock Lewes Nodular and Seaford Chalk Formations expected beneath.

Contamination Risk Assessment

On the basis of the findings of the research carried out there is considered to be a LOW of there being significant contamination linkage at this site.

As part of any ground investigation it would be prudent to confirm the absence of contamination by testing and to provide information for waste disposal.

Development Issues

The proposed loads are not known at this stage but are likely to be light to moderate for the low-rise development. It should be possible to adopt moderate width spread foundations bearing in the Lowestoft Formation for the proposed bungalow, although deepening of foundations within the zone of influence of trees will be required in accordance with NHBC guidelines.



1.0 Introduction

Geotechnical and Environmental Associates Limited (GEA) has been commissioned by Claire Smalley to conduct a desk study at Land At North Side Burrs Lane, Barkway, Hertfordshire, SG8 8EP.

1.1 Proposed Development

It is understood that it is proposed to demolish the existing buildings and construct a detached two-bedroom bungalow with landscaping and parking.

This report is specific to the current proposals, and the advice contained herein should be reviewed if the development proposals are amended.

1.2 Purpose of work

The principal technical objectives of the work carried out were as follows:

-  check the history of the site and surrounding area, particularly with respect to any previous or present potentially contaminative uses;
-  to research the geology and hydrogeology of the site;
-  to check records of data on groundwater, surface water, and other publicly available environmental data;
-  to use the information obtained in the above searches to conduct a qualitative risk assessment with respect to subsurface contamination; and
-  to provide preliminary comments on foundation options.

1.3 Scope of work

In order to meet the above objectives, a desk study was carried out, comprising, in summary, the following activities:

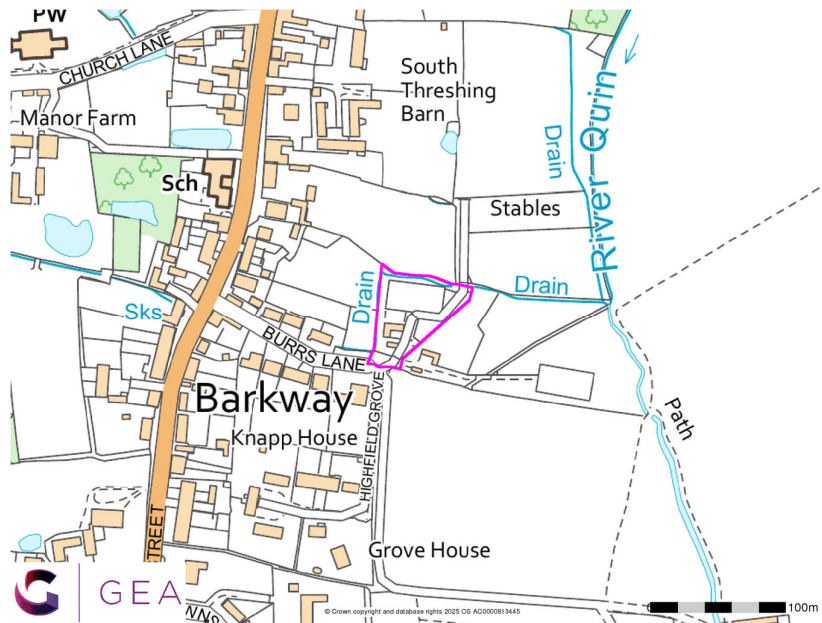
-  a review of historical Ordnance Survey (OS) maps supplied from the Envirocheck database;
-  a review of publicly available environmental data sourced from Envirocheck;
-  a review of publicly available planning records held on the Hertfordshire District council website;
-  a review of readily available geology maps; and
-  provision of a report presenting and interpreting the above data, together with our advice and recommendations with respect to the proposed development.



2.0 The Site

2.1 Site Description

The site is on the outskirts of the town of Barkway, approximately 120 m east of Barkway High Street, 100 m west of the River Quin and 5 km to the northeast of Buntingford in Hertfordshire. The approximate centre of the site can be additionally located by the National Grid Reference TL 38491 35757, and is shown on the map extract below.



The site fronts onto Burrs Lane to the south and is bordered by a drainage channel to the north and west, with fields to the east. The surrounding area generally comprises fields to the north, east and south, with houses to the west. The site is roughly triangular in shape, with approximate maximum dimensions of 69 m from west to east and 71 m from north to south. It currently comprises a stable block and parking area in the south. Whilst the northern portion consists of a fenced off paddock, assumed to be used for training horses.

A drainage ditch runs along the northern boundary, with a bridge crossing it in the northeastern corner of the site. The site is bordered by hedgerows with mature trees to the north and west. The eastern portion of the site is a fenced off triangular field with two trees. The site is essentially level.

Nearby by the site, there are two public footpaths: Barkway 012 and Barkway 013. Burrs Lane consists of a single lane country road.

2.2 Site History

The site history has been researched by reference to internet sources and historical Ordnance Survey (OS) maps obtained from the Envirocheck database.

The earliest map studied, dated 1877, shows the site to be undeveloped and occupied by a field. A brewery was located 100 m to the west and a stream is shown running along the western and northern boundaries, flowing eastward. The adjacent field to the north was occupied by an orchard at this time. Burrs Lane had been established to the south along with a number of buildings on the High Street to the west. The 1877 map shows two ponds located 53 m and 83 m to the north of the site.

Between 1877 and the early 1950s little to no change was observed on site or in the surrounding area.

The site was first developed with the existing stables and exercise paddock at some time between 1993 and 1994. The site and surrounding area have changed very little since that time.

2.3 Other Information

A search of public registers and databases has been made via the Envirocheck database and relevant extracts from the search are appended. Full results of the search can be provided if required.

The Envirocheck report has not indicated any landfill sites, waste treatment, transfer or disposal sites within 1 km. The pond located 60 m to the north has been identified as an area of potentially infilled land as it has decreased in size since the time of the 1877 map.

There are no recorded pollution incidents affecting controlled waters within 250 m of the site.



There are no contemporary trade directory located within 100 m of the site and only three within 250 m, as detailed below.

Distance	Location	Entry	Active / Inactive
170 m SW	130 High Street	Machinery – Industrial & Commercial	Active
170 m SW	130 High Street	Office Equipment Manufacturers & Distributors	Inactive
170 m SW	130 High Street	Mailing Machines & Equipment	Inactive

These are not considered significant given the distance from site and inactive nature of two of the entries.

There are no fuel filling stations within 250 m of the site, with the nearest located 579 m south of the site, which is open. It is unlikely to have an impact on the site at this distance.

The site is within a Nitrate Vulnerable Zone.

Reference to records compiled by the Health Protection Agency (formerly the National Radiological Protection Board) indicates that the site falls within an area where less than 1 % of homes are affected by radon emissions and therefore radon protective measures should not be necessary.

There are no commercial services related to vehicle repair located within 250 m of the site. With the nearest one R J Engineering which is 351 m to the north.

The nearest point of interest associated with manufacturing and production is situated 157 m to the west and is classified as Unspecified Works or Factory. Additionally, the closest public infrastructure facilities, are Sludge Beds and Sewage Works, which are located approximately 416 m and 440 m to south respectively.

3.0 Ground Conditions

3.1 Soil Conditions

According to the British Geological Survey (BGS) map, the site is underlain by the Lowestoft Formation, and potentially Head Deposits comprising clay, silt, sand and gravel in the north of the site, with the bedrock Lewes Nodular and Seaford Chalk Formations expected beneath.

A search of the BGS borehole database identified a single borehole located approximately 244 m northwest of the site, drilled to a depth of 90 m. The log shows clay, sand and gravel of the Head Deposits to a depth of 3.5m, underlain by the Lowestoft Formation to 27.0 m, described as boulder clay and brown clay, which was in turn underlain by chalk and flint to the base of the borehole.

3.2 Hydrology and Hydrogeology

The Lowestoft Formation is classified by the Environment Agency as a Secondary Undifferentiated Aquifer, as are Head Deposits, whilst the underlying chalk is classified as a Principal Aquifer.

The nearest surface water features are the drains and streams on the northern and western boundaries of the site, which flow to the east to the River Quin. These drainage channel areas comprise high surface water flooding risk zones with a 30-year flood return rate, especially on the northern boundary. Beyond the site the nearest surface water features are ponds 53 m and 83 m to the north.

There are no water abstractions within 500 m of the site. The site is located within a Zone III, total catchment Groundwater Protection Zone.

The site is in an area with limited potential for groundwater flooding to occur.

Surface water run-off is expected to run to the drains/ streams on the boundary.



4.0 Risk Assessment

4.1 Environmental Risks

Part IIA of the Environmental Protection Act 1990, which was inserted into that Act by Section 57 of the Environment Act 1995, provides the main regulatory regime for the identification and remediation of contaminated land. The determination of contaminated sites is based on a "suitable for use" approach which involves managing the risks posed by contaminated land by making risk-based decisions. This risk assessment is carried out on the basis of a source-pathway-receptor approach.

4.1.1 Source

The desk study findings indicate that the site has not had contaminative history, having only been developed with the existing stales. No historical contaminative uses have been identified nearby.

No sources of landfill gas have been identified in the vicinity of the site.

4.1.2 Receptor

The redevelopment of the site for a residential end use will result in end users representing high sensitivity receptors. Adjacent sites are also considered to be sensitive receptors.

The adjacent water courses are potential receptors, although shallow groundwater is considered a low sensitivity receptor given that the site is underlain by Unproductive Stratum. The River Quin downstream, 100 m to the east of the site is also considered a surface water receptor. The Principal Aquifer at depth is a significant receptor.

Buried services are likely to come into contact with any contaminants present within the soils through which they pass, and site workers are potential receptors during construction or maintenance works.

4.1.3 Pathway

Within the site, end users will be mostly isolated from direct contact with contaminants present within the soils by the presence of the buildings and any proposed hardstanding. However, any soft landscaping will present a potential exposure pathway. For site workers, there is a potential for direct contact with any contaminants in the made ground.

There is a potential also for lateral migration of soluble contaminants off site, due the location of drainage channels on the boundary, and to surface water receptors like the River Quin. There is a limited pathway to groundwater within the underlying Principal Chalk Aquifer due to the presence of the underlying clay soils.

Buried services may be exposed to any contaminants present within the soil through direct contact.



4.1.4 Preliminary Risk Appraisal

In accordance with the guidelines provided by CIRIA¹, the following table comprises the conceptual site model and summarises pollution linkages for the site.

Source	Receptor	Pathway	Probability	Consequence	Risk
Inorganic and organic contamination within near surface soils	End users	Ingestion of contaminated soil or dust, through skin contact or inhalation	Unlikely	Mild	Very low
	Surface water channels	Rainwater run off	Low likelihood	Minor	Very low
	Vegetation	Uptake via soil through roots	Unlikely	Mild	Very low
	Groundwater	Percolation and leaching of surface run-off	Unlikely	Mild	Very low
	Buried services / foundation concrete	Direct contact	Unlikely	Mild	Very low
	Adjacent sites	Surface water flow or drain runs	Unlikely	Mild	Very low
	Site workers	Ingestion of contaminated soil or dust, skin contact, inhalation	Low likelihood	Mild	Low
	River Quin	Surface run-off and transportation	Unlikely	Mild	Very low

This method of risk evaluation involves classification of the magnitude of the potential consequence (severity) and probability (likelihood) of the risk. The method by which these factors are classified is detailed in the Appendix. On the basis of the consequence and probability the site can be attributed a level of risk, ranging from very low to very high and the procedure for making this assessment is shown in the Appendix, together with a description of each level of assessed risk and the actions that may be required to mitigate the risk.

On the basis of the above it is considered that there is a LOW risk of there being a significant contaminant linkage at this site that would result in a requirement for major remediation work. There is considered to be a significant potential for hazardous soil gas to be present on or migrating towards the site.

4.2 Development Issues

The proposed loads are not known at this stage but are likely to be light to moderate for the low-rise development. It should be possible to adopt moderate width spread foundations bearing in the Lowestoft Formation for the proposed bungalow, although deepening of foundations within the zone of influence of trees will be required in accordance with NHBC guidelines.

A ground investigation will be required to assist with the design of foundations and will also allow samples of the soils to be collected and tested for the presence of contamination.

5.0 Conclusions

On the basis of the findings of the research carried out there is considered to be a LOW of there being significant contamination linkage at this site.

As part of any ground investigation it would be prudent to confirm the absence of contamination by testing and to provide information for waste disposal.

¹ Rudland, DJ, Lancefield, RM and Mayell, PN (2001) *Contaminated land risk assessment. A guide to good practice. CIRIA C552*



Appendix

Envirocheck Extracts
Historical Maps
Risk assessment tables

Land At North Side Burrs Lane, Barkway, Hertfordshire, SG8 8EP
Desk Study Report
For Claire Smalley

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

391083807_1_1

Customer Reference:

J25352

National Grid Reference:

538550, 235410

Slice:

A

Site Area (Ha):

0.33

Search Buffer (m):

1000

Site Details:

Land At North Side, Burrs Lane
Barkway
SG8 8EP

Client Details:

Mr Branch
GEA Ltd
Widbury Barn
Widbury Hill
Ware
Herts
SG12 7QE



Report Section	Page Number
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Agency & Hydrological	1
Waste	17
Hazardous Substances	-
Geological	18
Industrial Land Use	20
Sensitive Land Use	24
Data Currency	25
Data Suppliers	31
Useful Contacts	32

Introduction

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

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Radon Potential dataset Copyright Notice

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			3	14
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 5			4	
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 6	Yes			
Pollution Incidents to Controlled Waters	pg 6			1	
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 6			2	
Water Abstractions	pg 6				(*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 6	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 6	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 6	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 6	Yes	n/a	n/a	n/a
Source Protection Zones	pg 7	1			
Extreme Flooding from Rivers or Sea without Defences	pg 7		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 7		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 7	2	16	25	38
Water Framework Directive - Catchment	pg 16	Yes			Yes
Water Framework Directive - Groundwater	pg 16	Yes			
Water Framework Directive - Surface Waters					

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 17	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 17		1	2	
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 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 19	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 19	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 20		3	4	2
Fuel Station Entries	pg 20				1
Points of Interest - Commercial Services	pg 20			5	3
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 21		2	5	
Points of Interest - Public Infrastructure	pg 22			8	3
Points of Interest - Recreational and Environmental	pg 23				3
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	pg 24				1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 24	2			2
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	0	1	538552 235410
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	369	1	538552 235000
1	Discharge Consents Operator: Mr. M. Cooper Property Type: Undefined Or Other Location: Rushingwells Farm, Barkway, Royston, Herts Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CLCU.0061 Permit Version: 1 Effective Date: 11th November 1966 Issued Date: 11th November 1966 Revocation Date: 13th May 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Not Supplied Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	393	2	538820 235090
2	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3093 Permit Version: 2 Effective Date: 6th November 1998 Issued Date: 12th December 1997 Revocation Date: 7th March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Quin Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually corrected supplier location	A8NE (S)	456	2	538667 234930
3	Discharge Consents Operator: Mr & Mrs Kennedy Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Earl'S Wood Cottage Cokenach Barkway, Royston Hertfordshire Sg8 8dp Authority: Environment Agency, Thames Region Catchment Area: Rib Reference: Canm.1257 Permit Version: 1 Effective Date: 24th August 2007 Issued Date: 24th August 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Quin 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	A14NW (NE)	485	2	539000 235700
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2376 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 12th December 1997 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Quin Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (S)	647	2	538790 234771

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CLCR.0152 Permit Version: 1 Effective Date: 31st January 1985 Issued Date: 10th July 1964 Revocation Date: 5th September 1991 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into And/Or Watercourse Environment: Receiving Water: Quin Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	648	2	538790 234770
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Clcr.0152 Permit Version: 2 Effective Date: 6th September 1991 Issued Date: 10th July 1964 Revocation Date: 18th December 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Quin Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (S)	648	2	538790 234770
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 8 Effective Date: 31st March 2025 Issued Date: 29th November 2024 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	653	2	538780 234760
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 7 Effective Date: 22nd December 2024 Issued Date: 29th November 2024 Revocation Date: 30th March 2025 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	653	2	538780 234760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 7 Effective Date: 22nd December 2024 Issued Date: 29th November 2024 Revocation Date: 30th March 2025 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	653	2	538780 234760
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 8 Effective Date: 31st March 2025 Issued Date: 29th November 2024 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	653	2	538780 234760
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 6 Effective Date: 6th January 2020 Issued Date: 6th January 2020 Revocation Date: 21st December 2024 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	653	2	538780 234760
4	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 6 Effective Date: 6th January 2020 Issued Date: 6th January 2020 Revocation Date: 21st December 2024 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	653	2	538780 234760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 5 Effective Date: 1st April 2010 Issued Date: 1st April 2010 Revocation Date: 5th January 2020 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8SE (S)	687	2	538700 234700
5	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 4 Effective Date: 1st April 2009 Issued Date: 28th January 2009 Revocation Date: 31st March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8SE (S)	687	2	538700 234700
5	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 3 Effective Date: 8th March 2005 Issued Date: 8th March 2005 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The River Quin Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8SE (S)	687	2	538700 234700
5	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3097 Permit Version: 1 Effective Date: 9th January 1998 Issued Date: 12th December 1997 Revocation Date: 5th January 2020 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Quin Status: Permit consolidated into another EPR permit Positional Accuracy: Located by supplier to within 100m	A8SE (S)	687	2	538700 234700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Barkway Wastewater Treatment Works London Road Barkway Royston Hertfordshire Sg8 8el Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.3093 Permit Version: 1 Effective Date: 9th January 1998 Issued Date: 12th December 1997 Revocation Date: 5th November 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Quin Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A8SE (S)	687	2	538700 234700
6	Integrated Pollution Prevention And Control Name: Lye End Poultry Llp Location: Barkway Poultry Unit - Epr/Yp3930uj, Barkway Poultry Farm, Barkway Poultry Unit - Epr/Yp3930uj, Barkway, SG8 8HB Authority: Environment Agency, Thames Region Permit Reference: YP3930UJ Original Permit Ref: Yp3930uj Effective Date: 20th April 2021 Status: Effective Application Type: Variation (Normal) App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	A13SW (SW)	418	2	538230 235072
7	Integrated Pollution Prevention And Control Name: Lye End Poultry Llp Location: Barkway Poultry Farm Epr/Yp3930uj, Barkway Poultry Farm, Barkway, ROYSTON, Hertfordshire, SG8 8HB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: MP3200SE Original Permit Ref: Yp3930uj Effective Date: 20th April 2021 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	A8NW (SW)	450	2	538230 235030
7	Integrated Pollution Prevention And Control Name: Lye End Poultry Llp Location: Barkway Poultry Farm Epr/Yp3930uj, Barkway Poultry Farm, Barkway, ROYSTON, Hertfordshire, SG8 8HB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: XP3535RD Original Permit Ref: Yp3930uj Effective Date: 22nd December 2015 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	A8NW (SW)	450	2	538230 235030
7	Integrated Pollution Prevention And Control Name: Lye End Poultry Llp Location: Barkway Poultry Farm, Barkway Poultry Farm, Barkway, ROYSTON, Hertfordshire, SG8 8HB Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: YP3930UJ Original Permit Ref: Yp3930uj Effective Date: 12th October 2007 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 6.9 A(1) (A) (I) Activity Description: Intensive Farming; Greater Than 40,000 Poultry Primary Activity: Y	A8NW (SW)	450	2	538230 235030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A13NE (NE)	0	-	538589 235431
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: BARKWAY Authority: Environment Agency, Thames Region Pollutant: Agricultural: General Note: Confirmed As A Pollution Incident Incident Date: 13th March 1995 Incident Reference: NE950108 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	417	2	538200 235700
9	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 14th June 2001 Incident Reference: 9295 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: Organic Chemicals/Products: Pesticides And Biocides	A13SE (E)	261	2	538840 235330
10	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 21st June 2011 Incident Reference: 895730 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect	A13SW (SW)	360	2	538267 235117
	Water Abstractions Operator: Mr & Mrs R Barker Licence Number: 29/38/04/0023 Permit Version: 100 Location: Well With Internal Borehole At North End Farm, Anstey Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2 Yearly Rate (m3): 664 Details: North End Farm, Anstey, Buntingford, Herts Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1809	2	539600 233900
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: <3m Superficial Recharge: Low	A13NW (N)	0	2	538552 235410
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13NW (N)	0	2	538552 235410
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (N)	0	2	538552 235410
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (N)	0	2	538552 235410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NW (N)	0	2	538552 235410
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (E)	52	2	538640 235395
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (E)	57	2	538645 235390
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	0	3	538529 235413
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	0	3	538589 235431
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	1	3	538593 235431
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	24	3	538498 235381
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	55	3	538571 235493
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	93	3	538690 235438

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	98	3	538694 235419
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13NE (E)	99	3	538699 235416
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13NE (E)	103	3	538699 235416
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	151	3	538377 235423
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	151	3	538377 235423
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13SE (SE)	157	3	538727 235337
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 393.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13SE (SE)	161	3	538731 235334
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	199	3	538330 235438
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	207	3	538322 235440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	231	3	538355 235596
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	236	3	538353 235602
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	247	3	538349 235614
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	253	3	538277 235449
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 187.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	257	3	538274 235450
32	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13NE (NE)	258	3	538727 235652
33	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 40.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	267	3	538337 235631
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13NE (NE)	279	3	538740 235669
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	300	3	538324 235663

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13NE (NE)	332	3	538773 235711
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A13NE (NE)	339	3	538778 235716
38	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	360	3	538276 235702
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	386	3	538254 235716
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	392	3	538249 235719
41	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A18SE (NE)	404	3	538824 235764
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	408	3	538359 234999
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	423	3	538830 235782
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	424	3	538835 235780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	424	3	538837 235779
46	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A18SE (NE)	424	3	538837 235779
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A18SE (NE)	431	3	538840 235785
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	439	3	538096 235502
49	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	439	3	538096 235502
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	443	3	538095 235524
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	449	3	538263 235006
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SW)	452	3	538256 235006
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A8NE (SE)	462	3	538749 234955

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A8NE (SE)	465	3	538749 234952
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A18SE (NE)	502	3	538879 235845
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A18SE (NE)	509	3	538882 235851
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	511	3	538022 235494
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	515	3	538018 235494
59	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	526	3	538876 235875
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	535	3	537997 235488
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 500.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	540	3	537992 235487
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	554	3	538119 235817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	558	3	538114 235816
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	571	3	538768 234844
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	633	3	538735 234766
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A19SW (NE)	636	3	538951 235958
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	636	3	538951 235958
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	639	3	538949 235963
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	639	3	538921 235981
70	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	642	3	538907 235992
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A19SW (NE)	654	3	538978 235961

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A19SW (NE)	658	3	538981 235964
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 334.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A8NE (S)	661	3	538788 234755
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	711	3	538025 235946
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	714	3	538024 235950
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	815	3	537936 236004
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 375.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	819	3	537936 236010
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A19NW (NE)	822	3	539086 236090
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A19NW (NE)	827	3	539089 236094
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 216.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	865	3	538489 234506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	895	3	537665 235109
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	897	3	537697 235018
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	897	3	537697 235018
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	927	3	537606 235219
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	943	3	538538 234427
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A8SE (S)	968	3	538779 234430
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A8SE (S)	972	3	538780 234426
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	974	3	538772 234422
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 599.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Quin Catchment Name: Thames Primacy: 1	A8SE (S)	975	3	538780 234423

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	975	3	538780 234423
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	978	3	538539 234391
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	979	3	538529 234390
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Quin WaterBody ID: GB106038040120 Operational: Lee Upper Catchment: Lee Upper Management: Lee Upper Catchment: Lee Upper Catchment Name: Upper and Middle Lea	A13NW (N)	0	2	538552 235410
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Rhee (DS Wendy) WaterBody ID: GB105033037610 Operational: Cam Rhee and Granta Catchment: Cam and Ely Ouse Management: Cam and Ely Ouse Catchment: Cam and Ely Ouse Catchment Name: Cam & Ely Ouse	A18NE (N)	870	2	538640 236310
	Water Framework Directive - Groundwater Waterbody Name: Cam and Ely Ouse Chalk Waterbody ID: GB40501G400500 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40501G400500 Overall Rating: Poor Chemical Rating: Poor Quantitative: Poor Measure: 2019	A13NW (N)	0	2	538552 235410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Hertfordshire County Council - Has supplied landfill data		0	4	538552 235410
	Local Authority Landfill Coverage Name: North Hertfordshire District Council - Has supplied landfill data		0	5	538552 235410
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A13NE (N)	58	-	538573 235495
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A13NW (NW)	318	-	538308 235673
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A8NW (S)	487	-	538553 234882

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13NW (N)	0	1	538552 235410
	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	A13SW (S)	0	1	538549 235394
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	0	1	538552 235410
	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: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	216	1	538786 235320
	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: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	354	1	538303 235718
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	691	1	538712 236113
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NW (NW)	999	1	537827 236156

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	538549 235394
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	25	1	538513 235464
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	191	1	538787 235450
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	1	538786 235320
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	1	538786 235320
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	1	538786 235320
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	538549 235394
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	82	1	538625 235337
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	1	538786 235320
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	538552 235410
	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	A13NW (N)	0	1	538552 235410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	Contemporary Trade Directory Entries Name: The Mailing Room Location: 130, High Street, Barkway, Royston, Hertfordshire, SG8 8EG Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	170	-	538357 235329
96	Contemporary Trade Directory Entries Name: Fp Executive Agency Ltd Location: 130, High Street, Barkway, Royston, Hertfordshire, SG8 8EG Classification: Office Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	170	-	538357 235329
96	Contemporary Trade Directory Entries Name: F P Mailing Location: 130, High Street, Barkway, Royston, Hertfordshire, SG8 8EG Classification: Mailing Machines & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	170	-	538357 235329
97	Contemporary Trade Directory Entries Name: Mara Studios Location: 8, High Street, Barkway, Royston, Hertfordshire, SG8 8EE Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	458	-	538460 235899
97	Contemporary Trade Directory Entries Name: 1 Twelve Promotions Location: 4, High Street, Barkway, Royston, Hertfordshire, SG8 8EE Classification: Screen Process Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	468	-	538474 235911
97	Contemporary Trade Directory Entries Name: W & M Motors Location: 2, High Street, Barkway, Royston, SG8 8EE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	487	-	538466 235929
97	Contemporary Trade Directory Entries Name: Shieldex Engineering Ltd Location: 2, HIGH STREET, BARKWAY, ROYSTON, SG8 8EE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	488	-	538466 235930
98	Contemporary Trade Directory Entries Name: Barkway Service Station Location: London Road, Barkway, Royston, SG8 8EY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	576	-	538350 234823
99	Contemporary Trade Directory Entries Name: Wash Me Iron Me Location: 6, Periwinkle Close, Barkway, Royston, Hertfordshire, SG8 8DB Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	628	-	538395 236060
100	Fuel Station Entries Name: Barkway Service Station Location: London Road, Barkway, Royston, Hertfordshire, SG8 8EY Brand: Pace Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8NW (S)	579	-	538350 234820
101	Points of Interest - Commercial Services Name: R J Engineering Location: 40 High Street, Barkway, SG8 8EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	351	6	538459 235790
102	Points of Interest - Commercial Services Name: W & M Motors Location: 2 High Street, Barkway, Royston, SG8 8EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	487	6	538466 235930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	Points of Interest - Commercial Services Name: Walsh's Garage Location: 2 High Street, Barkway, Royston, SG8 8EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	487	6	538466 235930
102	Points of Interest - Commercial Services Name: Shieldex Engineering Ltd Location: 2 High Street, Barkway, SG8 8EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	488	6	538466 235930
102	Points of Interest - Commercial Services Name: W & M Motors Location: 2 High Street, Barkway, SG8 8EE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	488	6	538466 235930
103	Points of Interest - Commercial Services Name: Bonds Garage Barkway Bob Wilson Location: Cambridge Road, Barkway, Royston, SG8 8BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	561	6	538590 236004
104	Points of Interest - Commercial Services Name: Barkway Service Station Location: London Road, Barkway, SG8 8EY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	576	6	538350 234823
104	Points of Interest - Commercial Services Name: Barkway Service Station Location: London Road, Barkway, Royston, SG8 8EY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	579	6	538351 234820
105	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	A13NW (W)	157	6	538373 235447
105	Points of Interest - Manufacturing and Production Name: Works Location: SG8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	157	6	538373 235440
106	Points of Interest - Manufacturing and Production Name: Poultry Farm Location: SG8 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A8NW (SW)	436	6	538230 235048
106	Points of Interest - Manufacturing and Production Name: Poultry Farm Location: SG8 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	462	6	538276 234981
106	Points of Interest - Manufacturing and Production Name: Poultry Farm Location: SG8 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	470	6	538258 234983
107	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	A18SW (N)	484	6	538448 235923

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Points of Interest - Manufacturing and Production Name: Works Location: SG8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	486	6	538439 235924
108	Points of Interest - Public Infrastructure Name: Sludge Bed Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	416	6	538627 234962
108	Points of Interest - Public Infrastructure Name: Sludge Beds Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	420	6	538640 234960
108	Points of Interest - Public Infrastructure Name: Sewage Works Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (S)	440	6	538685 234953
108	Points of Interest - Public Infrastructure Name: Sewage Works Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	443	6	538666 234943
108	Points of Interest - Public Infrastructure Name: Sewage Works Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (S)	446	6	538689 234948
108	Points of Interest - Public Infrastructure Name: Sludge Bed Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	454	6	538718 234950
108	Points of Interest - Public Infrastructure Name: Sludge Beds Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	460	6	538731 234949
108	Points of Interest - Public Infrastructure Name: Sludge Beds Location: SG8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	472	6	538698 234923
109	Points of Interest - Public Infrastructure Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	519	6	538430 235956
109	Points of Interest - Public Infrastructure Name: Burial Ground Location: SG8 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	522	6	538429 235959
110	Points of Interest - Public Infrastructure Name: Barkway Service Station Location: London Road, Barkway, Royston, SG8 8EY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NW (S)	579	6	538350 234820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	Points of Interest - Recreational and Environmental Name: Play Area Location: SG8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	556	6	538617 235996
111	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	A18SE (N)	558	6	538635 235995
111	Points of Interest - Recreational and Environmental Name: Playground Location: Cambridge Road, SG8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	560	6	538620 235999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	Ancient Woodland Name: Earls Wood Reference: 1116285 Area(m ²): 267210.19 Type: Ancient and Semi-Natural Woodland	A14SW (E)	605	7	539180 235267
113	Nitrate Vulnerable Zones Name: Anglian Chalk Description: Groundwater Source: Environment Agency, Head Office	A13NW (N)	0	2	538552 235410
114	Nitrate Vulnerable Zones Name: Lee Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (N)	0	2	538552 235410
115	Nitrate Vulnerable Zones Name: Buntingford Chalk Description: Groundwater Source: Environment Agency, Head Office	A8SW (S)	862	2	538498 234508
116	Nitrate Vulnerable Zones Name: Ely Ouse And Cut-Off Channel Nvz Description: Surface Water Source: Environment Agency, Head Office	A18NE (N)	865	2	538782 236275

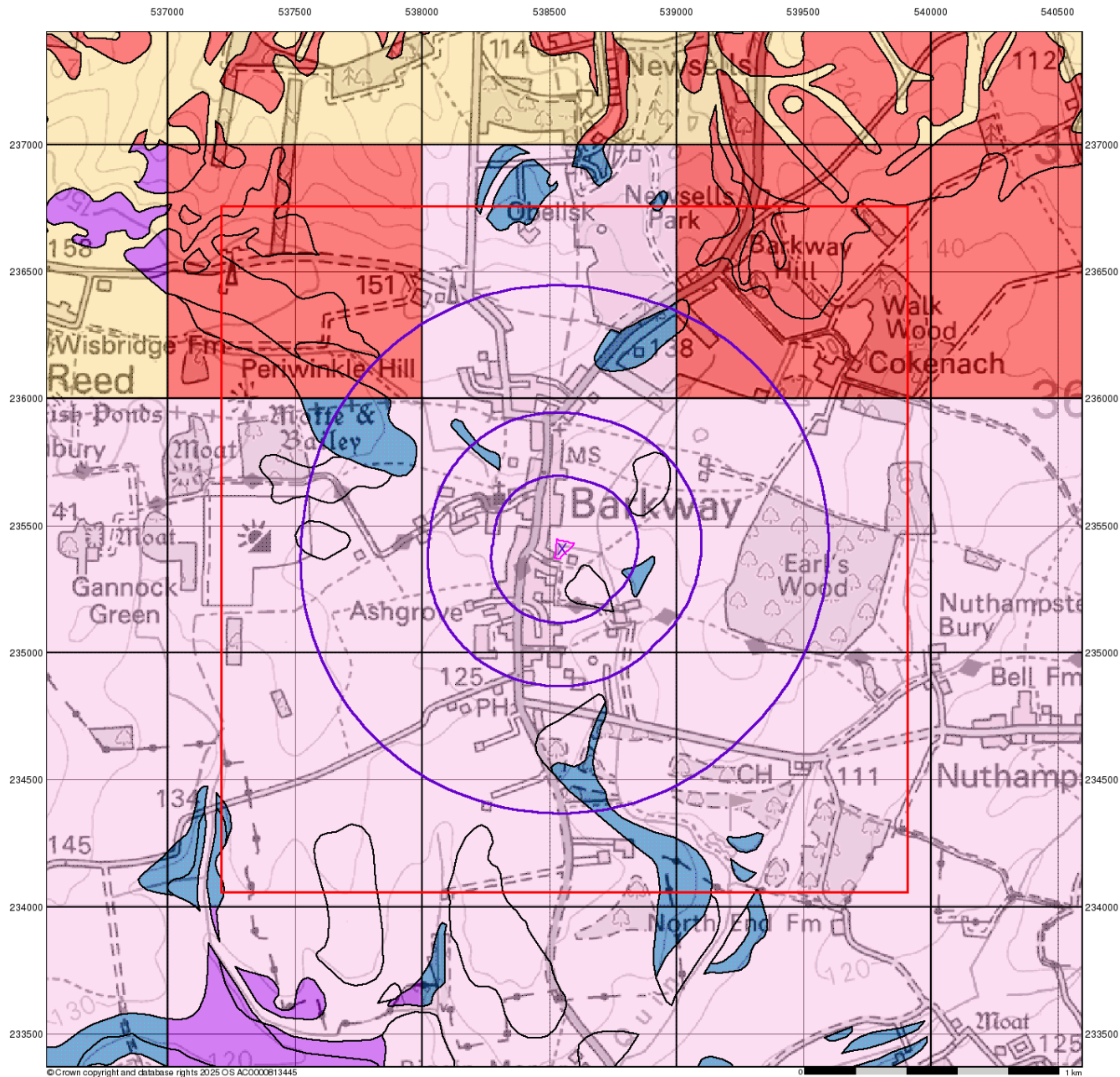
A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
4	Hertfordshire County Council - Spatial Planning and Economy Unit County Hall, Hertford, Hertfordshire, SG13 8DN	Telephone: 01992 556266 Fax: 01992 556015 Email: spatialplanning@hertfordshire.gov.uk Website: www.hertsdirect.org
5	North Hertfordshire District Council - Environmental Health Department Council Offices, Gernon Road, Letchworth, Hertfordshire, SG6 3JF	Telephone: 01462 474000 Fax: 01462 474559 Website: www.north-herts.gov.uk
6	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



GEA

Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

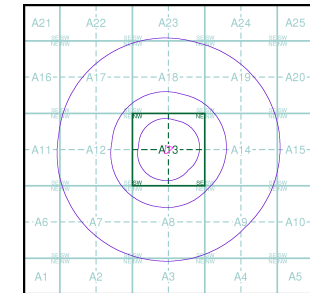
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A

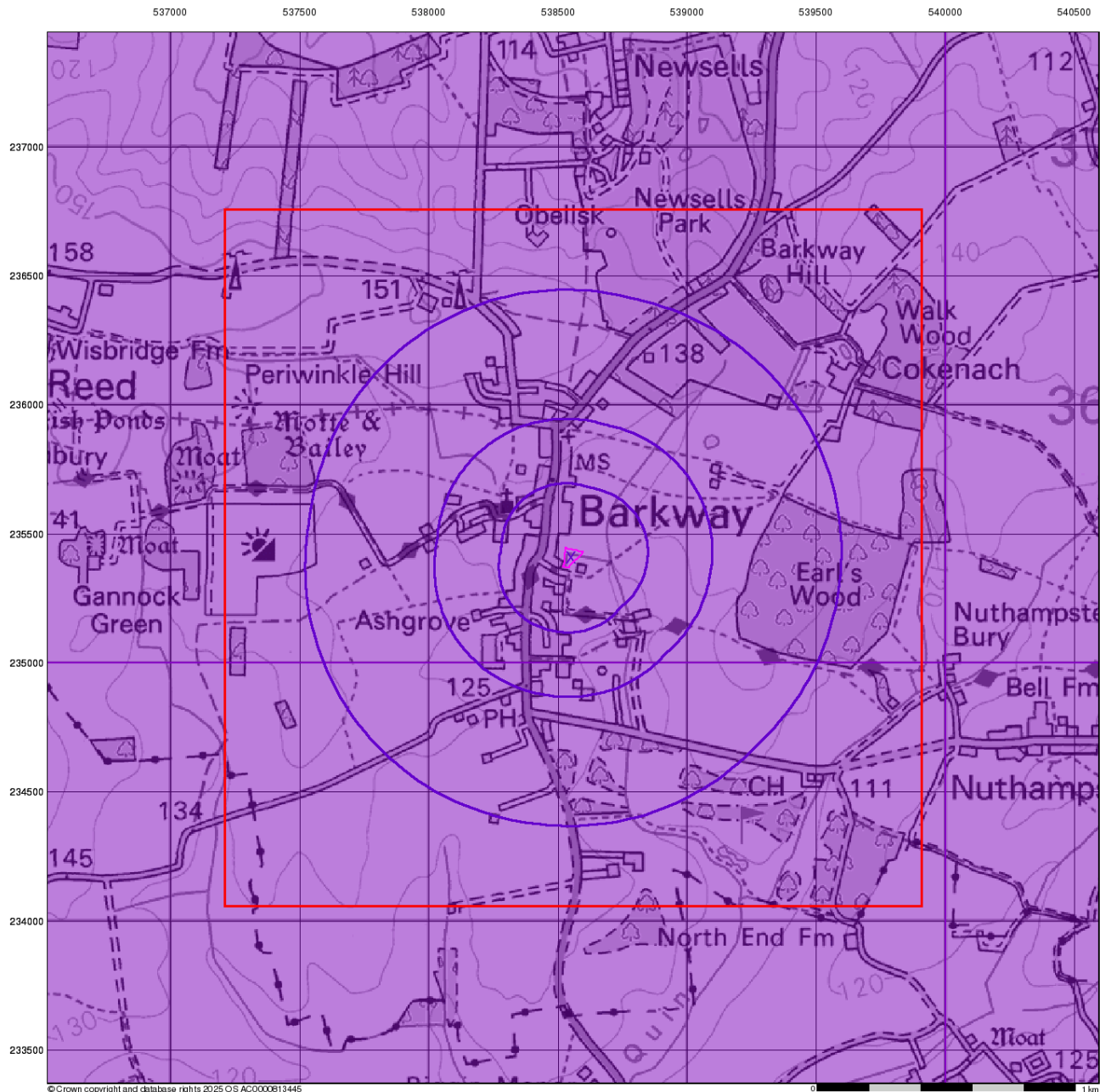


Order Details

Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
 Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



Bedrock Aquifer Designation

General

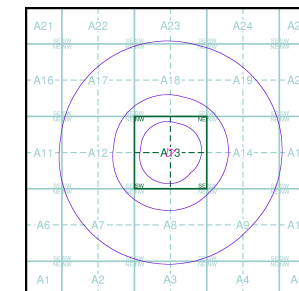
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

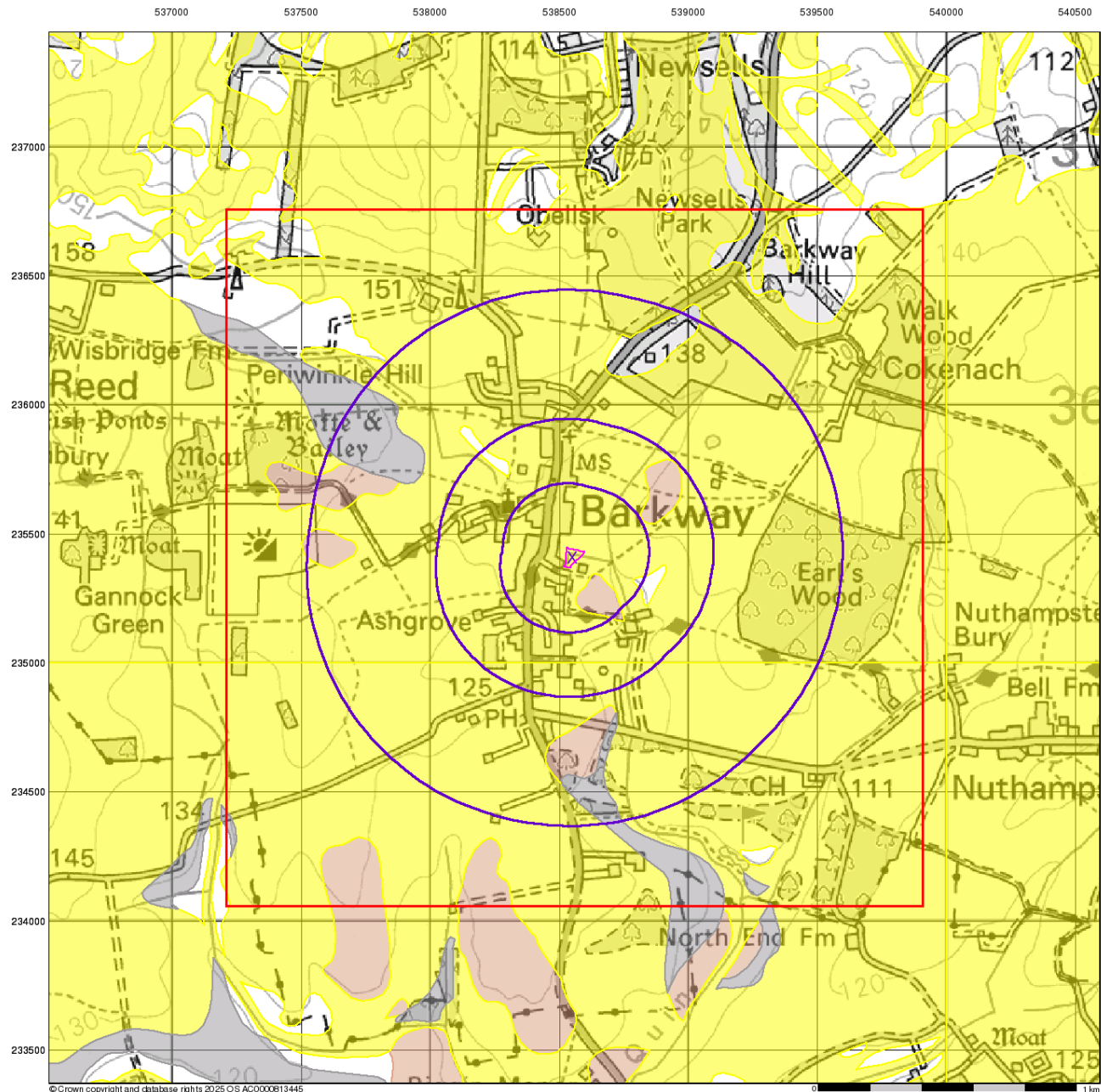
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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Superficial Aquifer Designation

General

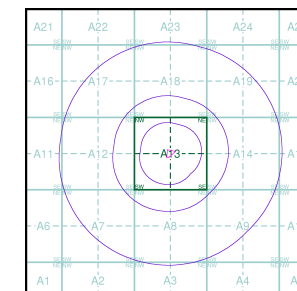
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

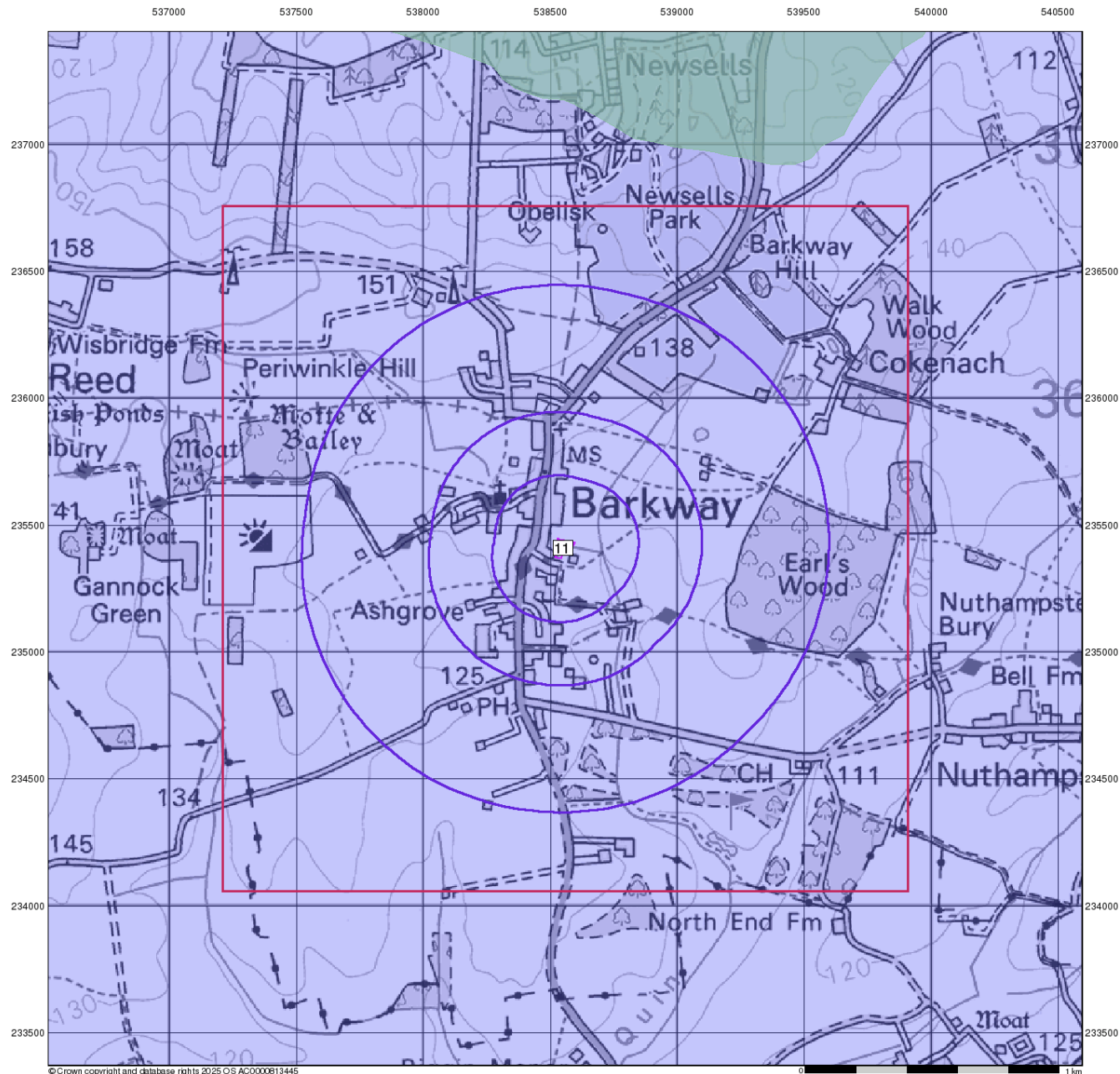


Order Details

Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
 Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



Source Protection Zones

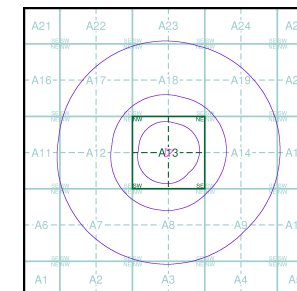
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

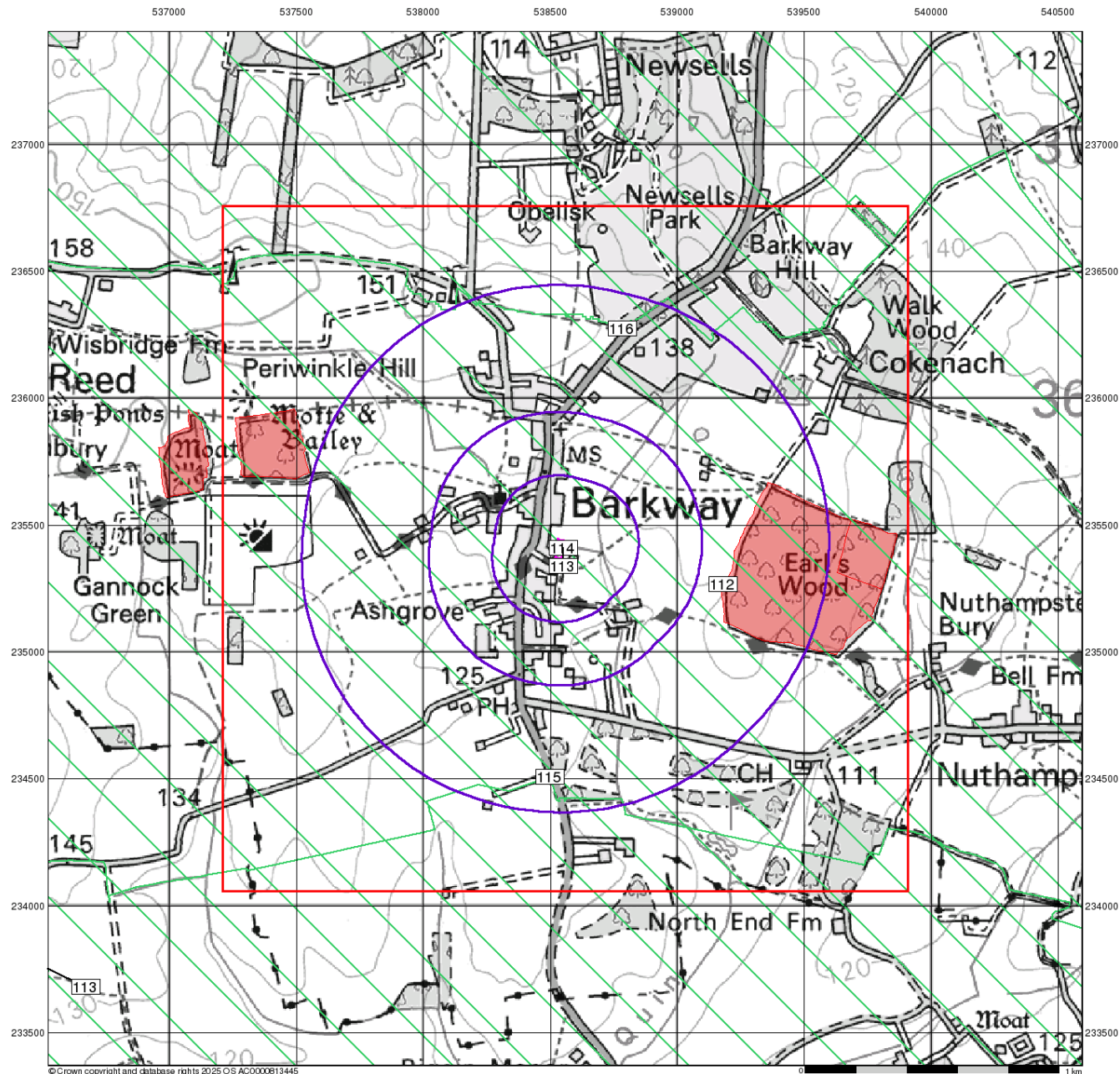


Order Details

Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
 Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



Sensitive Land Uses

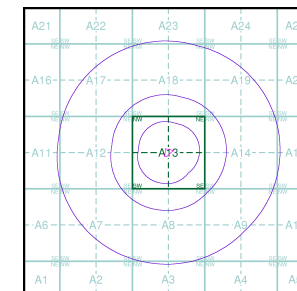
General

- 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

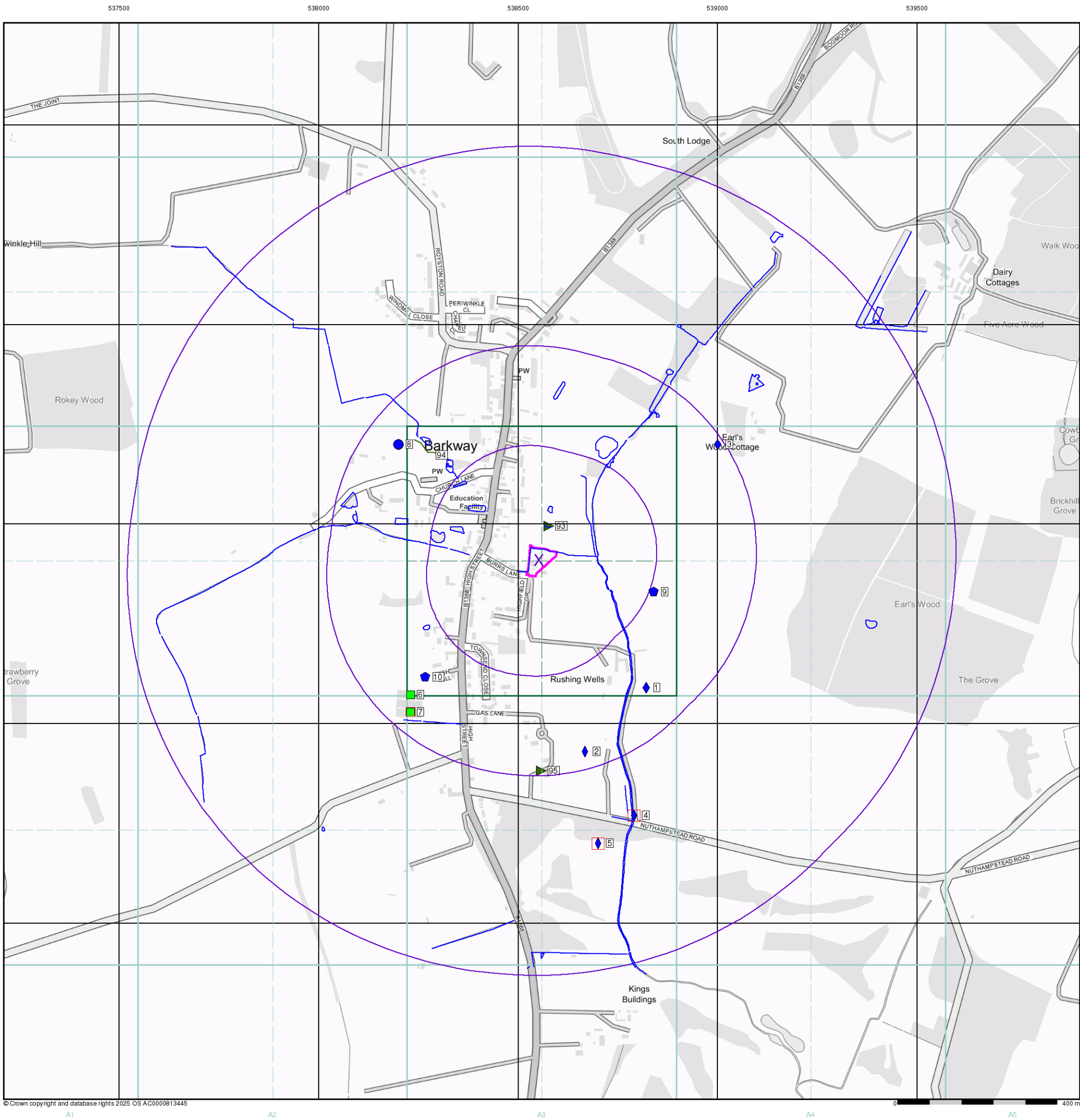
Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
 Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP

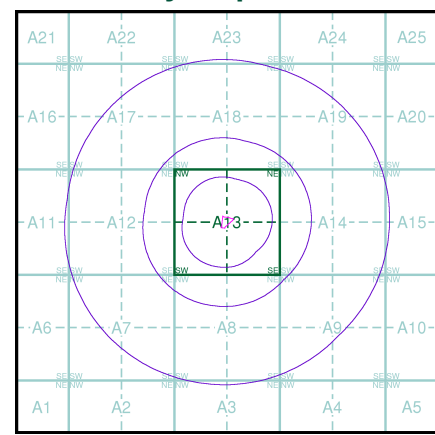


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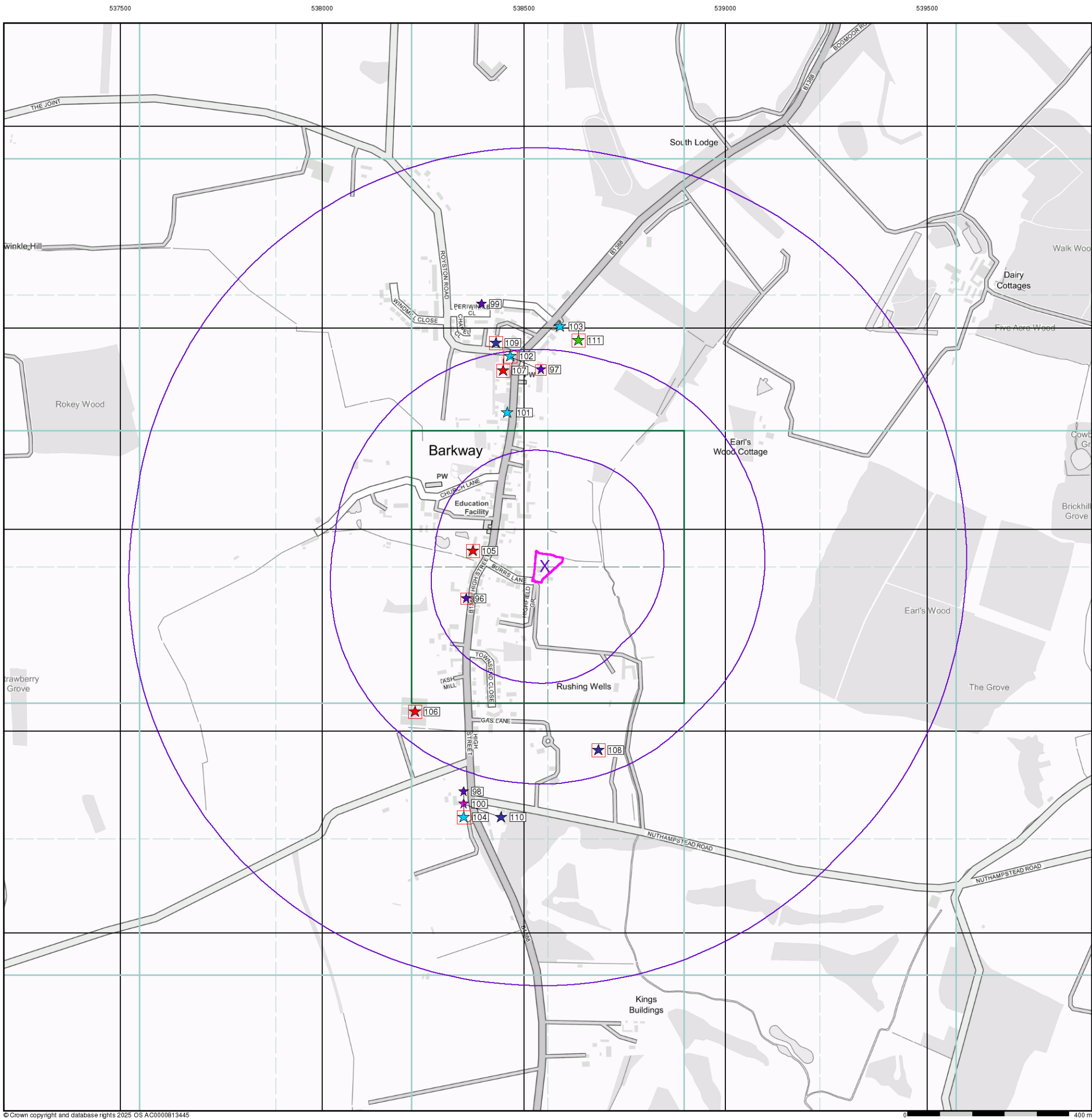
- General**
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- 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)
 - 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 - Slice A



Order Details
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details
Land At North Side, Burrs Lane, Barkway, SG8 8EP



Industrial Land Use Map

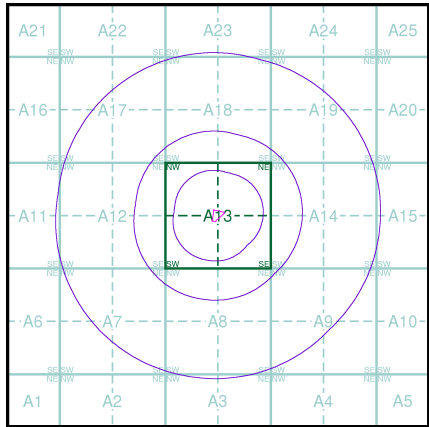
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

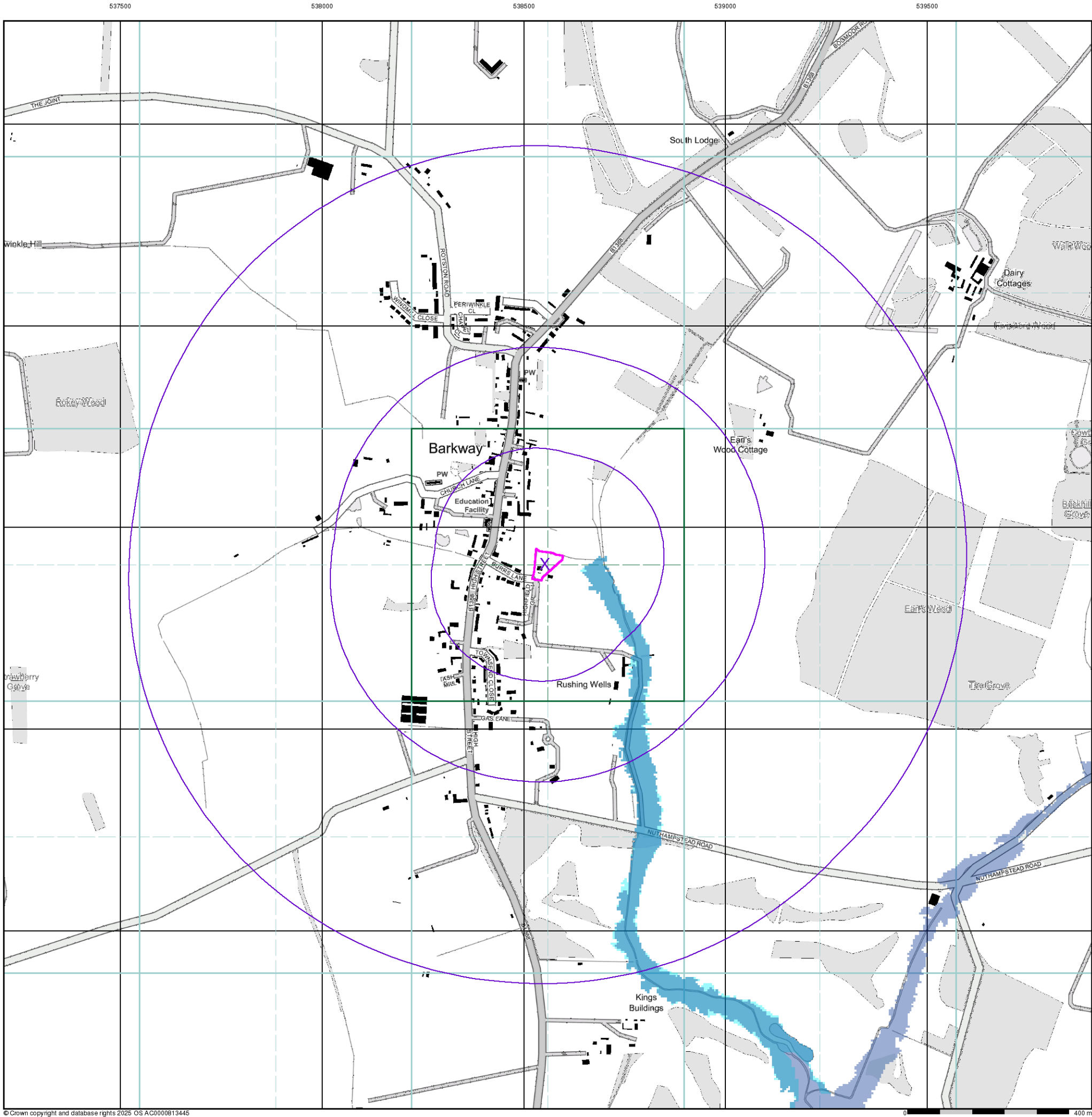
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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



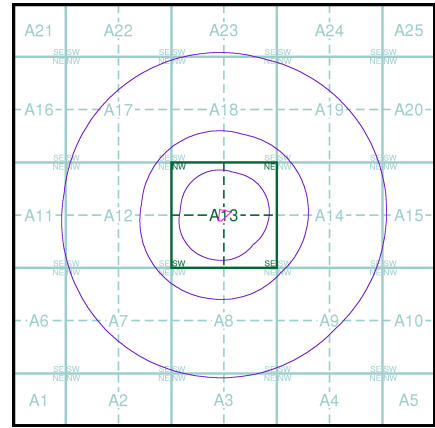
General

- 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

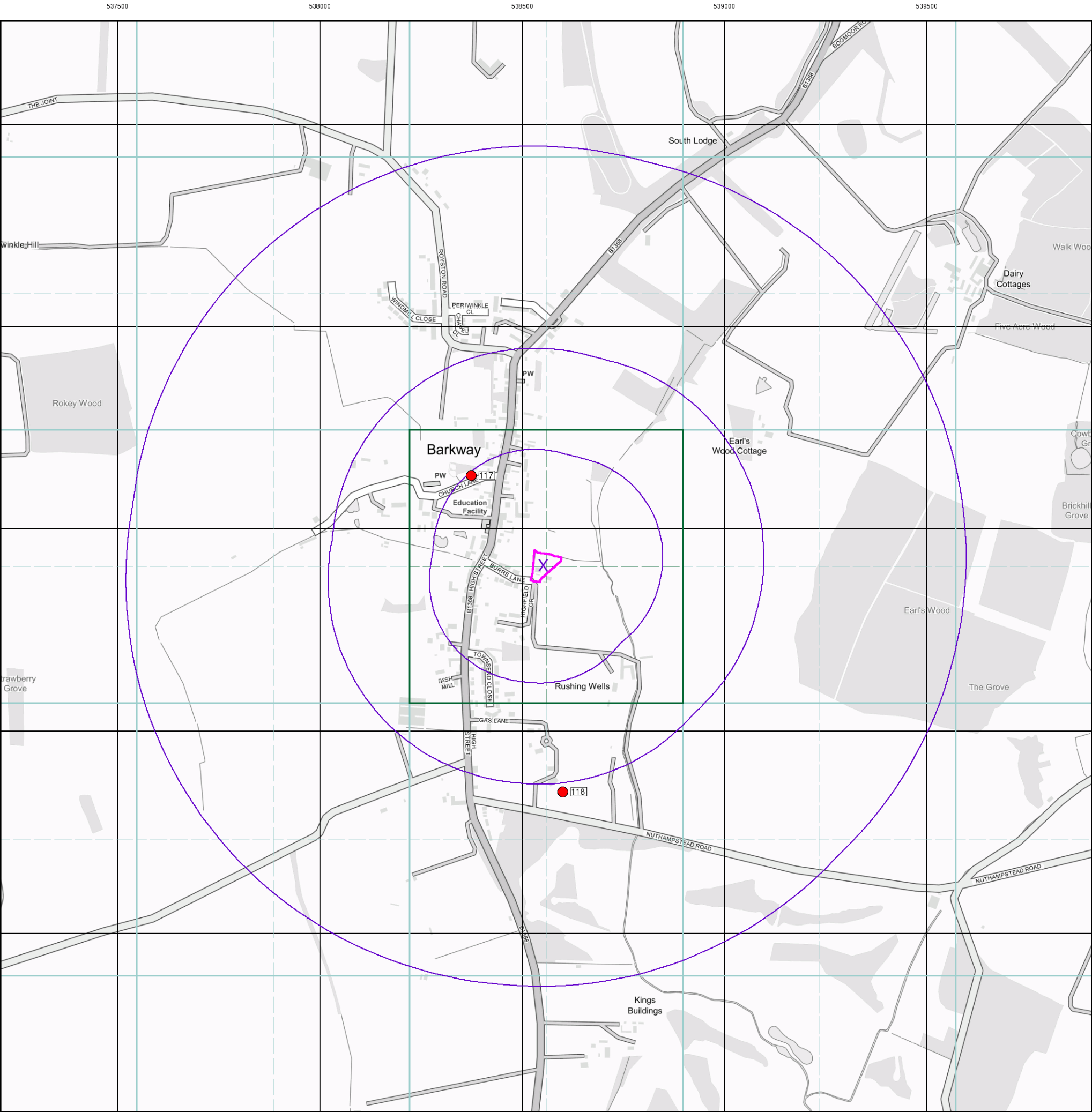
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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General

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

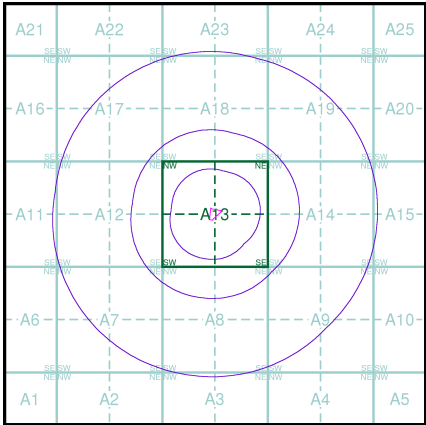
Agency and Hydrological (Boreholes)

- 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

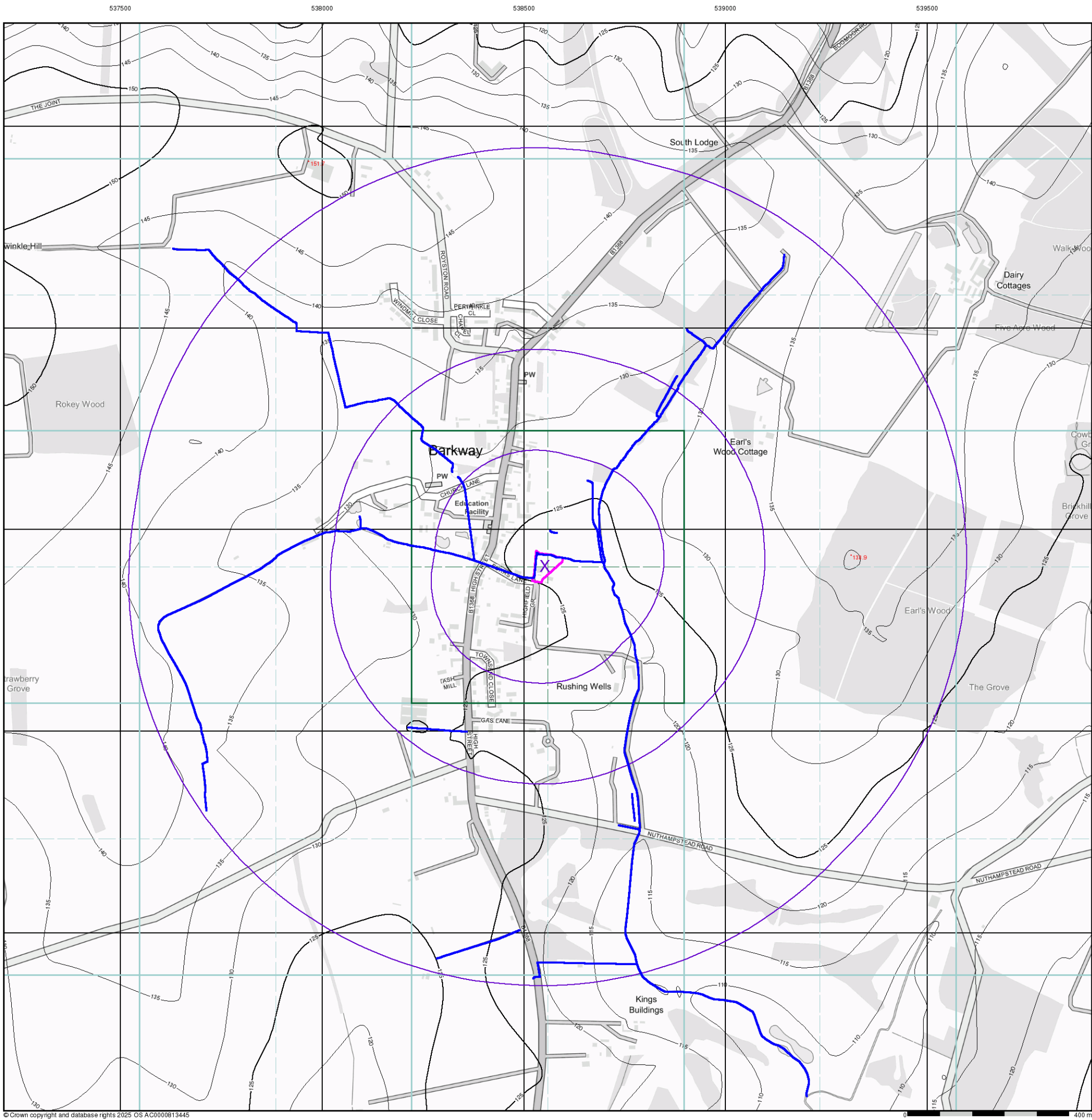
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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General

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

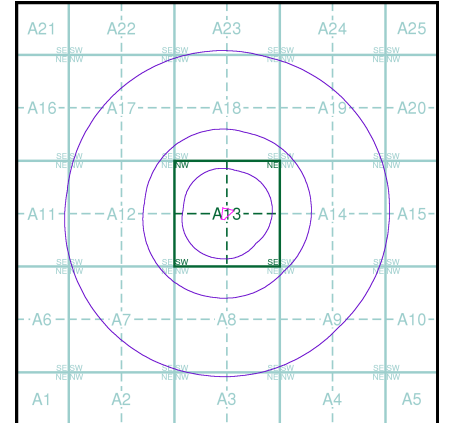
OS Water Network Data

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

Contours (height in meters)

- Standard Contour 105 Mean Low Water
- Master Contour 100 Mean High Water
- Spot Height 167.3

OS Water Network Map - Slice A



Order Details

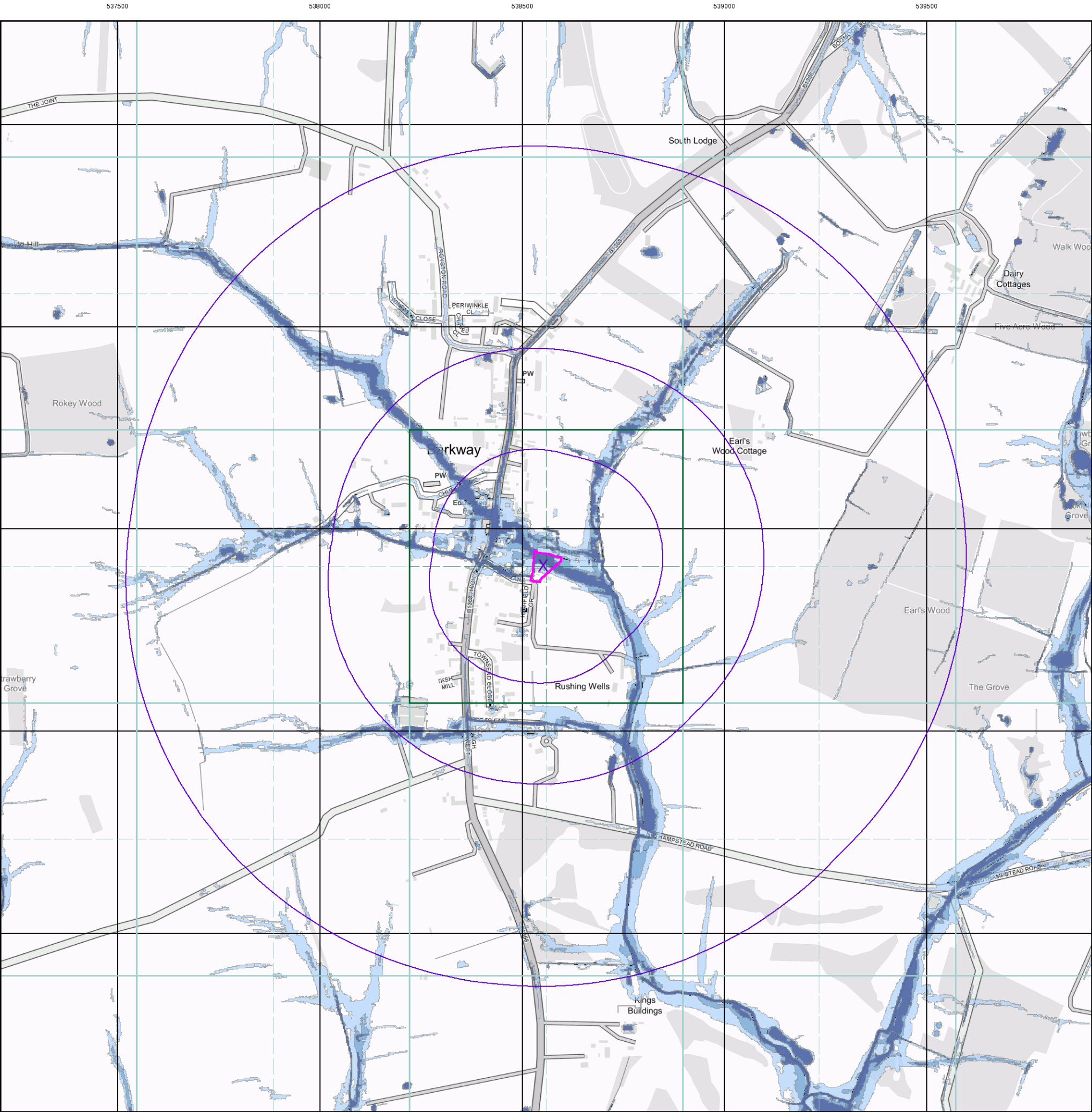
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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Fax: 0844 844 9951
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General

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

Risk of Flooding from Surface Water

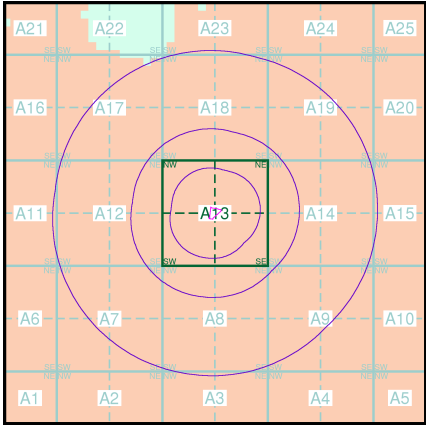
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

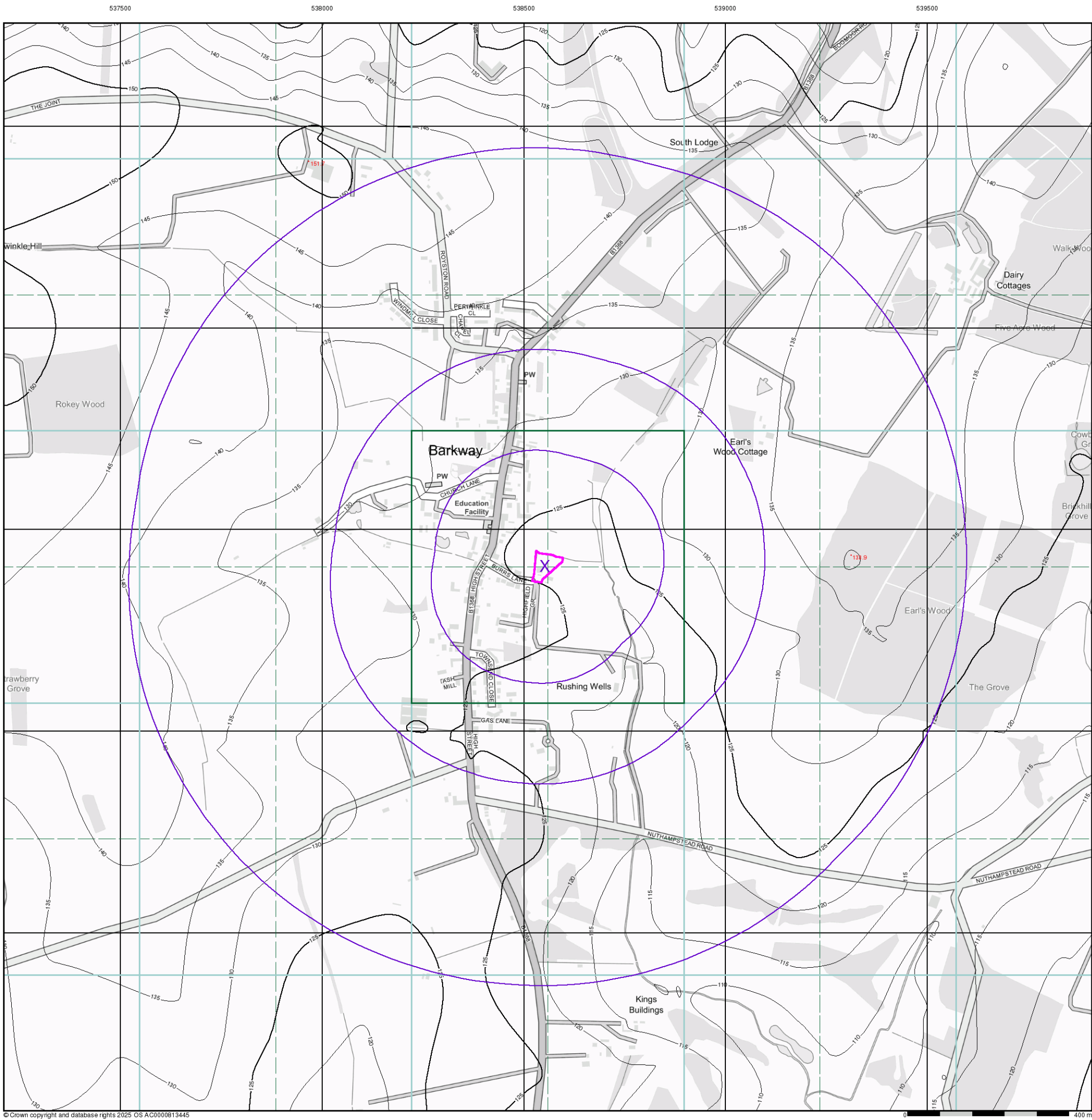
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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WFD Surface Waters Map

General

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

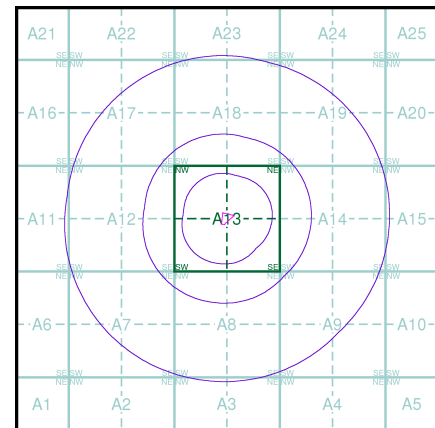
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

- Standard Contour 105
- Master Contour 100
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

WFD Surface Waters Map - Slice A



Order Details

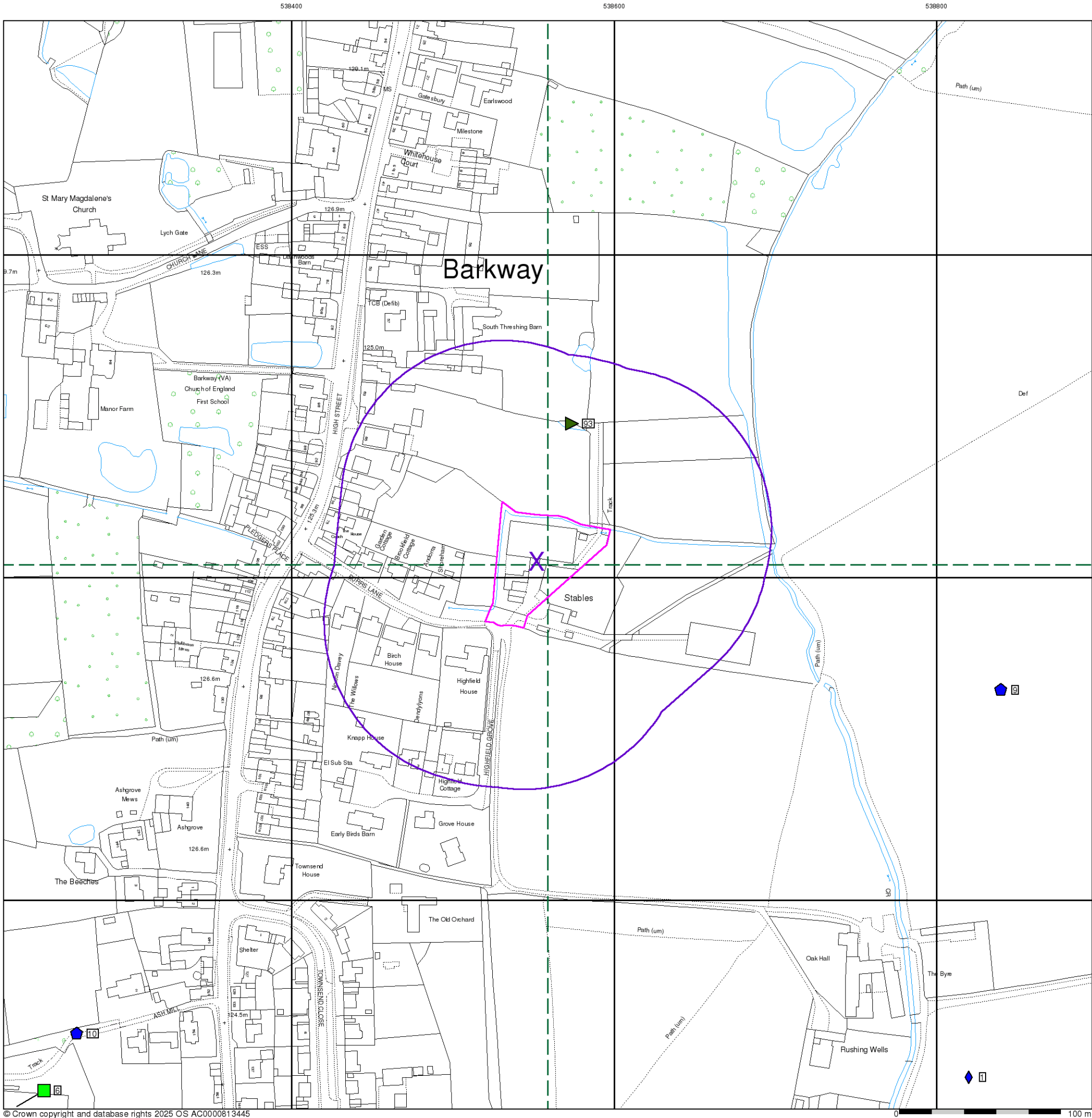
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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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 Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- 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

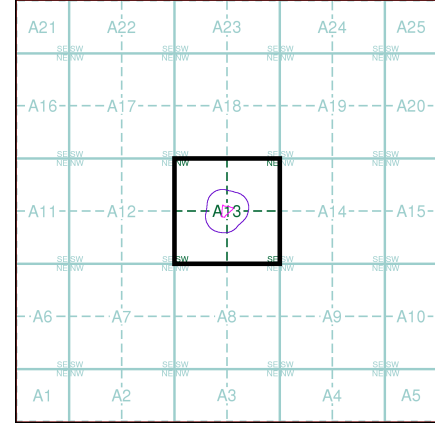
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Plot Buffer (m): 100

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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Historical Mapping Legends

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

 Quarry

 Gravel Pit

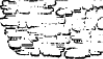
 Sand Pit

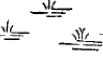
 Clay Pit

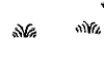
 Shingle

 Refuse Heap

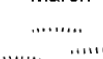
 Sloping Masonry

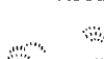
 Flat Rock

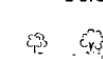
 Marsh

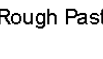
 Reeds

 Osiers

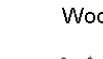
 Rough Pasture

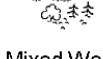
 Furze

 Wood

 Mixed Wood

 Brushwood

 Orchard

 Fir

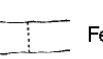
 Ford

 Stepping Stones

 Ferry

 Waterfall

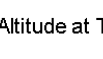
 Lock

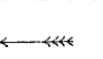
 Trig. Station

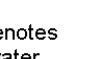
 Altitude at Trig. Station

 B.M. 325.9

 Bench Mark

 Surface Level

 Arrow denotes flow of water

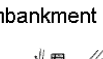
 Antiquities (site of)

 Cutting

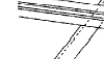
 Embankment

 Railway crossing Road

 Level Crossing

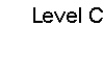
 Road crossing Railway

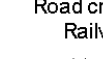
 Railway crossing River or Canal

 Road over single stream

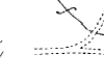
 Road over River or Canal

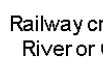
 County Boundary (Geographical)

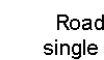
 County & Civil Parish Boundary

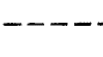
 Administrative County & Civil Parish Boundary

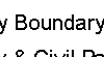
 County Borough Boundary (England)

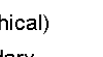
 County Burgh Boundary (Scotland)

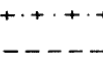
 Boundary Post or Stone

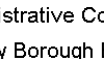
 Police Call Box

 B.R.

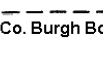
 Bridle Road

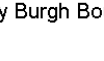
 Pump

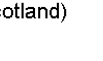
 E.P.

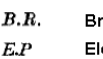
 Electricity Pylon

 Signal Post

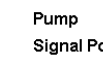
 F.B.

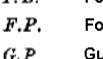
 Foot Bridge

 Sluice

 F.P.

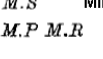
 Foot Path

 Spring

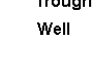
 G.P.

 Guide Post or Board

 Telephone Call Box

 M.S.

 Mile Stone

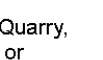
 Trough

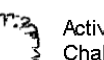
 M.P. M.R.

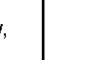
 Mooring Post or Ring

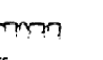
 Well

 Beer House

 Boundary Post or Stone

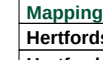
 Capstan, Crane

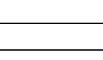
 Chimney

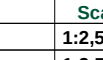
 Drinking Fountain

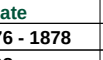
 Electricity Pillar or Post

 Fire Alarm Pillar

 Foot Bridge

 Guide Post

 Hydrant or Hydraulic

 Level Crossing

 Manhole

 Mile Post or Mooring Post

 Mile Stone

 Normal Tidal Limit

 Pillar, Pole or Post

 Post Office

 Public Convenience

 Public House

 Pump

 Signal Box or Bridge

 Signal Post or Light

 Spring

 Tank or Track

 Telephone Call Box

 Telephone Call Post

 Trough

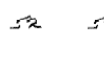
 Water Point, Water Tap

 Well

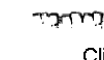
 Wind Pump

 Inactive Quarry, Chalk Pit or Clay Pit

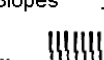
 Active Quarry, Chalk Pit or Clay Pit

 Rock

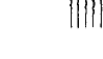
 Boulders

 Cliff

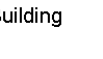
 Slopes

 Top

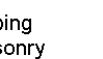
 Roofed Building

 Glazed Roof Building

 Sloping Masonry

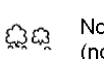
 Archway

 Non-Coniferous Tree (surveyed)

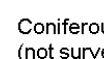
 Coniferous Tree (surveyed)

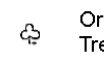
 Non-Coniferous Trees (not surveyed)

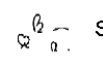
 Coniferous Trees (not surveyed)

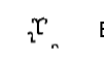
 Orchard Tree

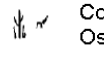
 Scrub

 Bracken

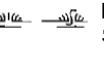
 Coppice, Osier

 Reeds

 Marsh, Saltings

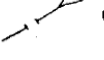
 Rough Grassland

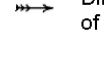
 Heath

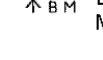
 Culvert

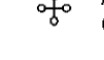
 Direction of water flow

 Bench Mark

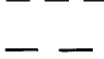
 Antiquity (site of)

 Cave Entrance

 Triangulation Station

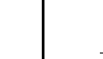
 Electricity Pylon

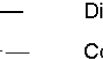
 Electricity Transmission Line

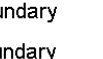
 County Boundary (Geographical)

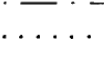
 County & Civil Parish Boundary

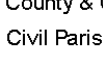
 Civil Parish Boundary

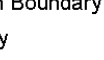
 Admin. County or County Bor. Boundary

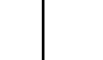
 London Borough Boundary

 Symbol marking point where boundary mereing changes

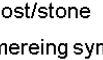
 Beer House

 Boundary Post or Stone

 Capstan, Crane

 Chimney

 Drinking Fountain

 Electricity Pillar or Post

 Fire Alarm Pillar

 Foot Bridge

 Guide Post

 Hydrant or Hydraulic

 Level Crossing

 Manhole

 Mile Post or Mooring Post

 Mile Stone

 Normal Tidal Limit

 Pillar, Pole or Post

 Post Office

 Public Convenience

 Public House

 Pump

 Signal Box or Bridge

 Signal Post or Light

 Spring

 Tank or Track

 Telephone Call Box

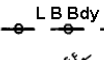
 Telephone Call Post

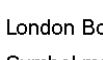
 Trough

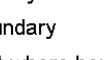
 Water Point, Water Tap

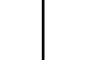
 Well

 Wind Pump

 Barracks

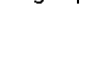
 Battery

 Cemetery

 Chimney

 Cistern

 Dismantled Railway

 Electricity Generating Station

 Electricity Pole, Pillar

 Electricity Sub Station

 Filter Bed

 Fountain / Drinking Ftn.

 Gas Valve Compound

 Gas Governor

 Guide Post

 Manhole

 Mile Post or Mile Stone

 Pillar, Pole or Post

 Post Office

 Public Convenience

 Pump

 Pumping Station

 Place of Worship

 Sewage Pumping Station

 Signal Box or Bridge

 Signal Post or Light

 Spring

 Tank or Track

 Trough

 Wind Pump

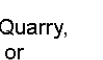
 Water Point, Water Tap

 Works (building or area)

 Well

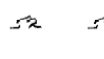
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

 Inactive Quarry, Chalk Pit or Clay Pit

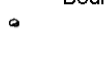
 Active Quarry, Chalk Pit or Clay Pit

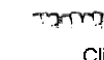
 Rock

 Boulders

 Cliff

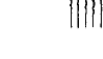
 Slopes

 Top

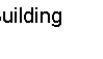
 Roofed Building

 Glazed Roof Building

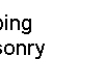
 Sloping Masonry

 Archway

 Non-Coniferous Tree (surveyed)

 Coniferous Tree (surveyed)

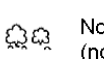
 Non-Coniferous Trees (not surveyed)

 Coniferous Trees (not surveyed)

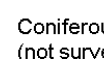
 Orchard Tree

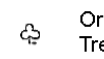
 Scrub

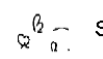
 Bracken

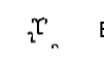
 Coppice, Osier

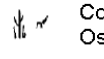
 Reeds

 Marsh, Saltings

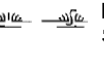
 Rough Grassland

 Heath

 Culvert

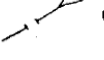
 Direction of water flow

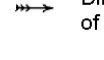
 Bench Mark

 Antiquity (site of)

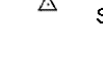
 Cave Entrance

 Triangulation Station

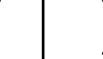
 Electricity Pylon

 Electricity Transmission Line

 County Boundary (Geographical)

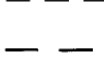
 County & Civil Parish Boundary

 Civil Parish Boundary

 Admin. County or County Bor. Boundary

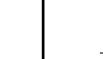
 London Borough Boundary

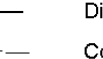
 Symbol marking point where boundary mereing changes

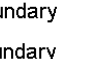
 Beer House

 Boundary Post or Stone

 Capstan, Crane

 Chimney

 Drinking Fountain

 Electricity Pillar or Post

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 Pump

 Signal Box or Bridge

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 Tank or Track

 Telephone Call Box

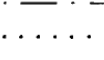
 Telephone Call Post

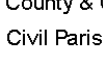
 Trough

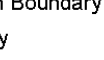
 Water Point, Water Tap

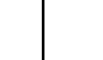
 Well

 Wind Pump

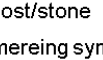
 Barracks

 Battery

 Cemetery

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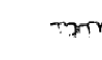
 Wind Pump

 Water Point, Water Tap

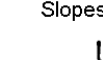
 Works (building or area)

 Well

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

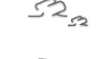
 Cliff

 Slopes

 Top

 Rock

 Rock (scattered)

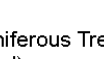
 Boulders

 Boulders (scattered)

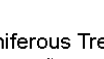
 Positioned Boulder

 Scree

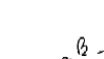
 Non-Coniferous Tree (surveyed)

 Coniferous Tree (surveyed)

 Non-Coniferous Trees (not surveyed)

 Coniferous Trees (not surveyed)

 Orchard Tree

 Scrub

 Bracken

 Coppice, Osier

 Reeds

 Marsh, Saltings

 Rough Grassland

 Heath

 Culvert

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		
	Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	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				
	County Borough Boundary (England)				
	County Borough Boundary (Scotland)				
	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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		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
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

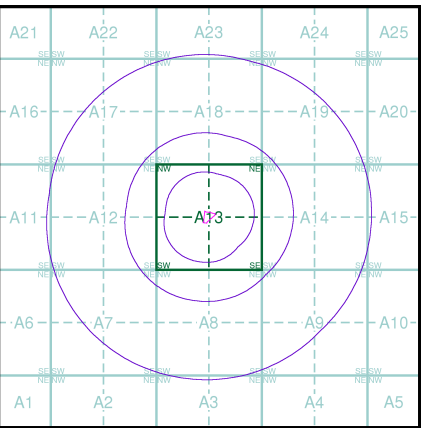
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:10,560	1880	2
Hertfordshire	1:10,560	1883	3
Essex	1:10,560	1899	4
Hertfordshire	1:10,560	1899	5
Cambridgeshire & Isle Of Ely	1:10,560	1904	6
Essex	1:10,560	1924	7
Cambridgeshire & Isle Of Ely	1:10,560	1950 - 1951	8
Essex	1:10,560	1950	9
Ordnance Survey Plan	1:10,000	1960	10
Ordnance Survey Plan	1:10,000	1960	11
Ordnance Survey Plan	1:10,000	1982 - 1984	12
Ordnance Survey Plan	1:10,000	1989	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2025	16

Historical Map - Slice A



Order Details

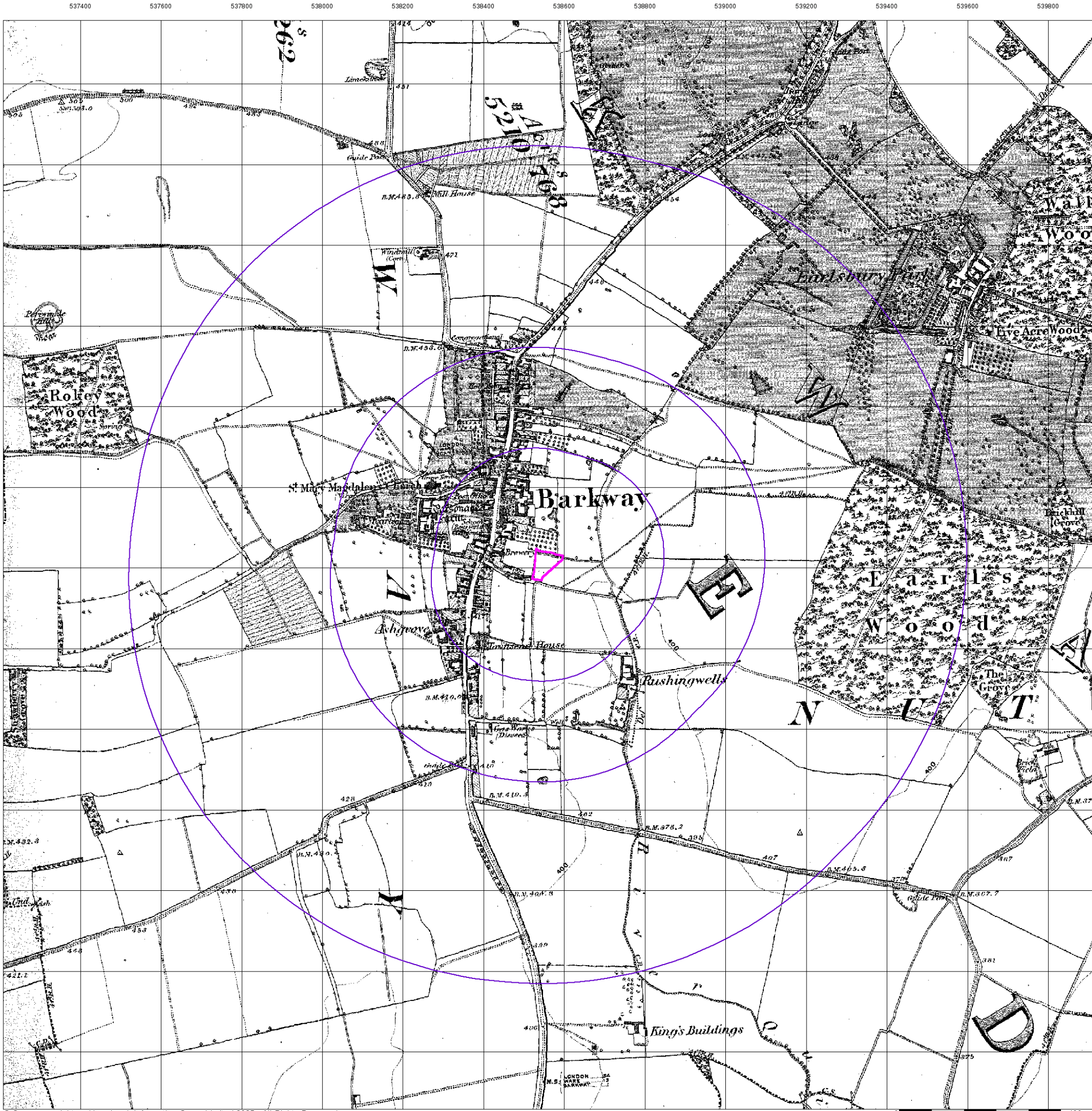
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Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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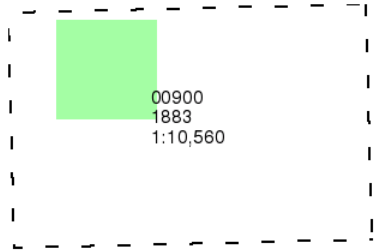
Hertfordshire

Published 1883

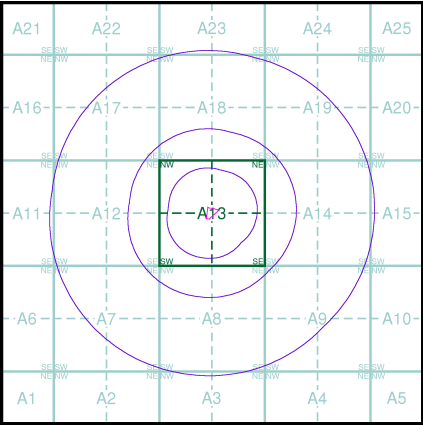
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

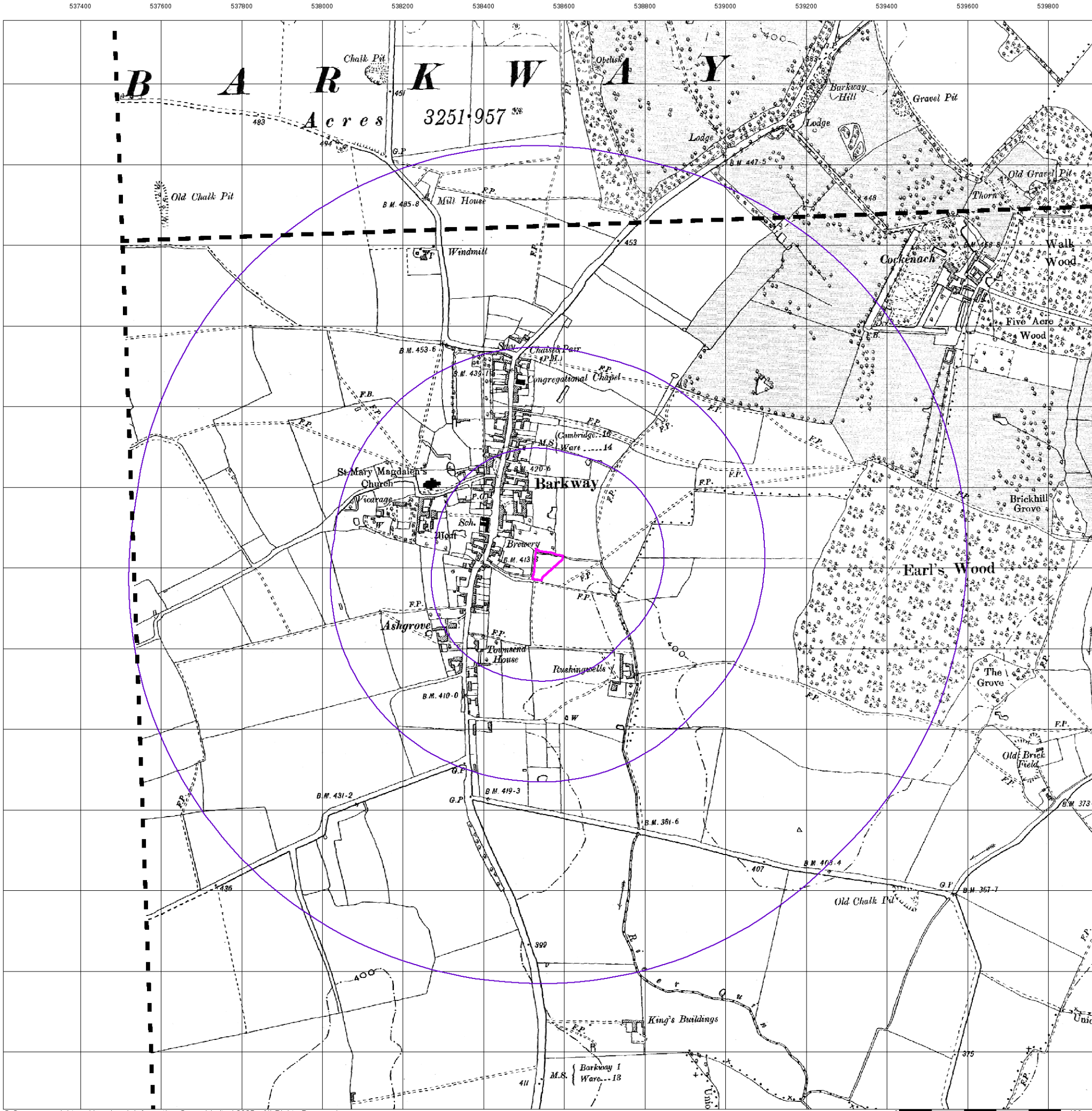
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
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Cambridgeshire & Isle Of Ely

Published 1904

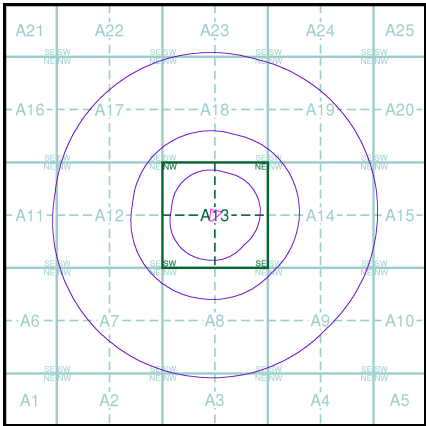
Source map scale - 1:10,560

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)

062ANE
1904
1:10,560
062ASE
1904
1:10,560

Historical Map - Slice A



Order Details

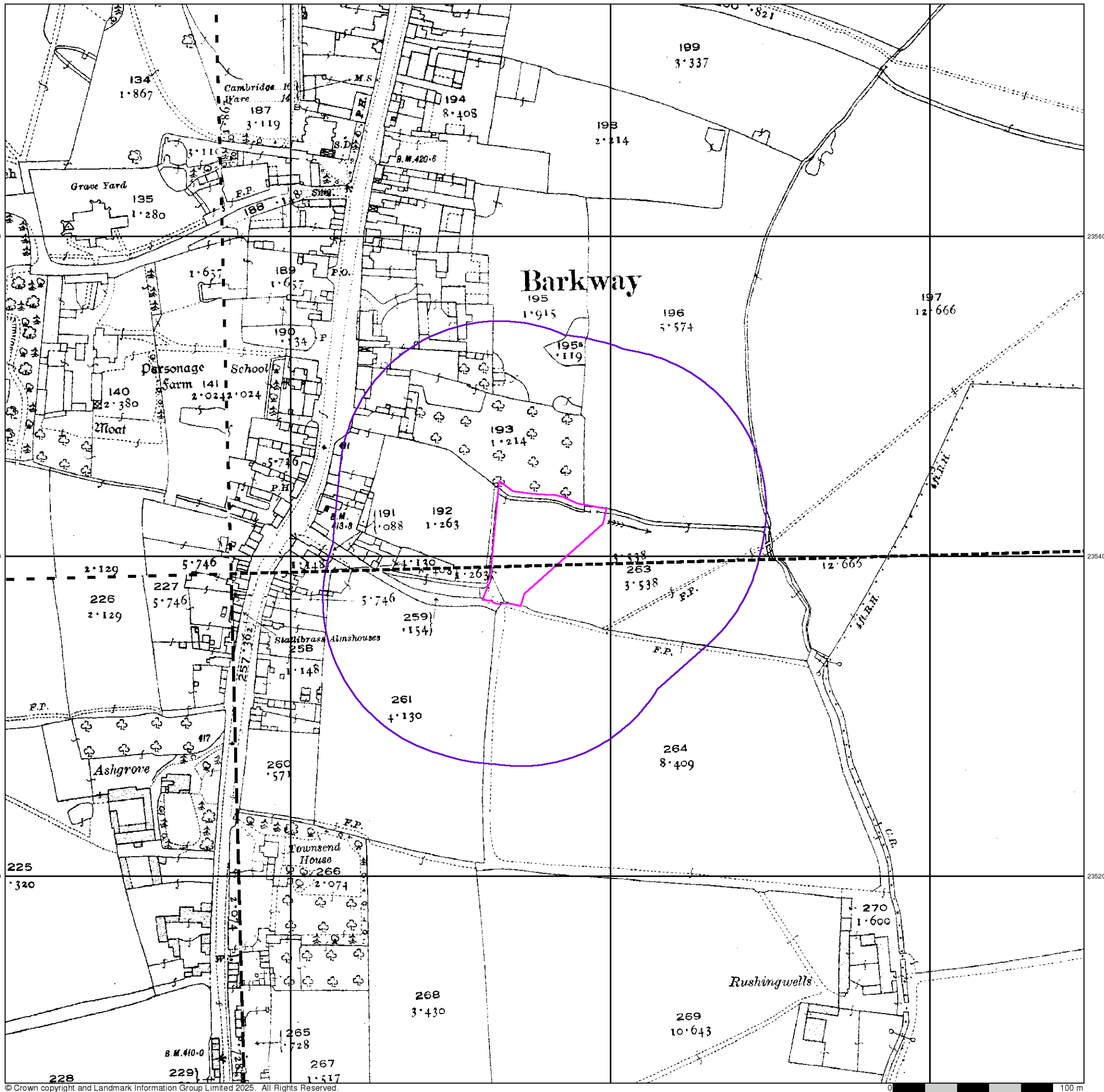
Order Number:	391083807_1_1
Customer Ref:	J25352
National Grid Reference:	538550, 235410
Slice:	A
Site Area (Ha):	0.33
Search Buffer (m):	1000

Site Details

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Hertfordshire

Published 1921

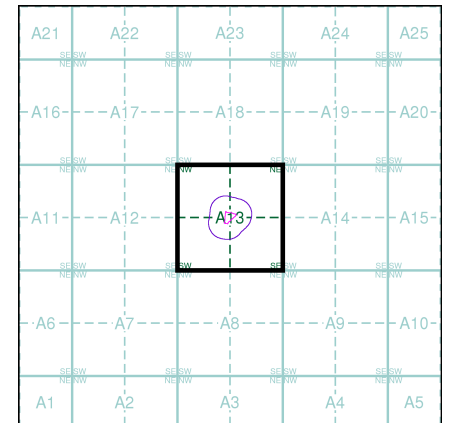
Source map scale - 1:2,500

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)

009_01 1921 1:2,500	009_02 1921 1:2,500
009_05 1921 1:2,500	009_06 1921 1:2,500

Historical Map - Segment A13



Order Details

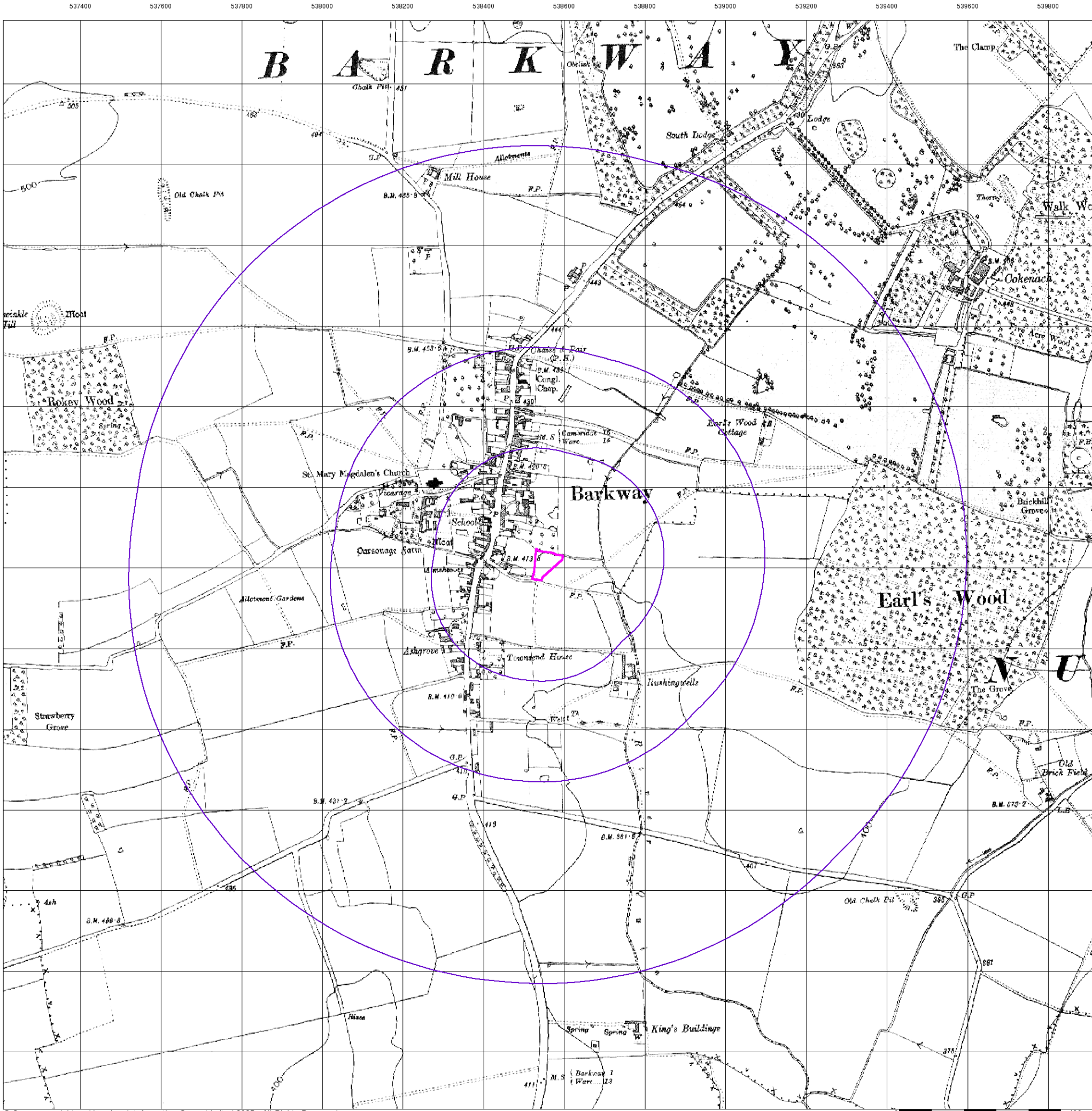
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 100

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP

Landmark
INFORMATION GROUP

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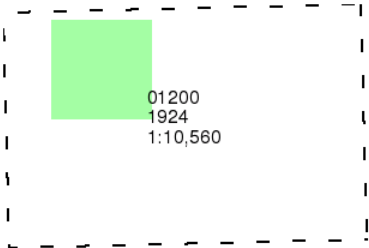
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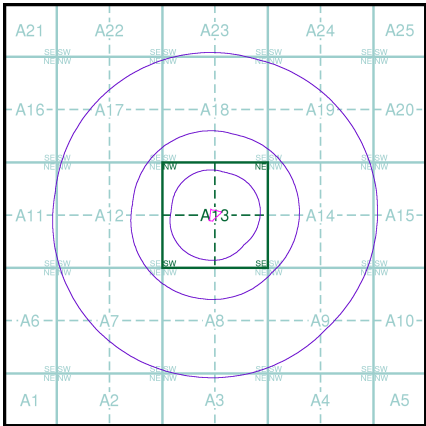
Essex
Published 1924
Source map scale - 1:10,560

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

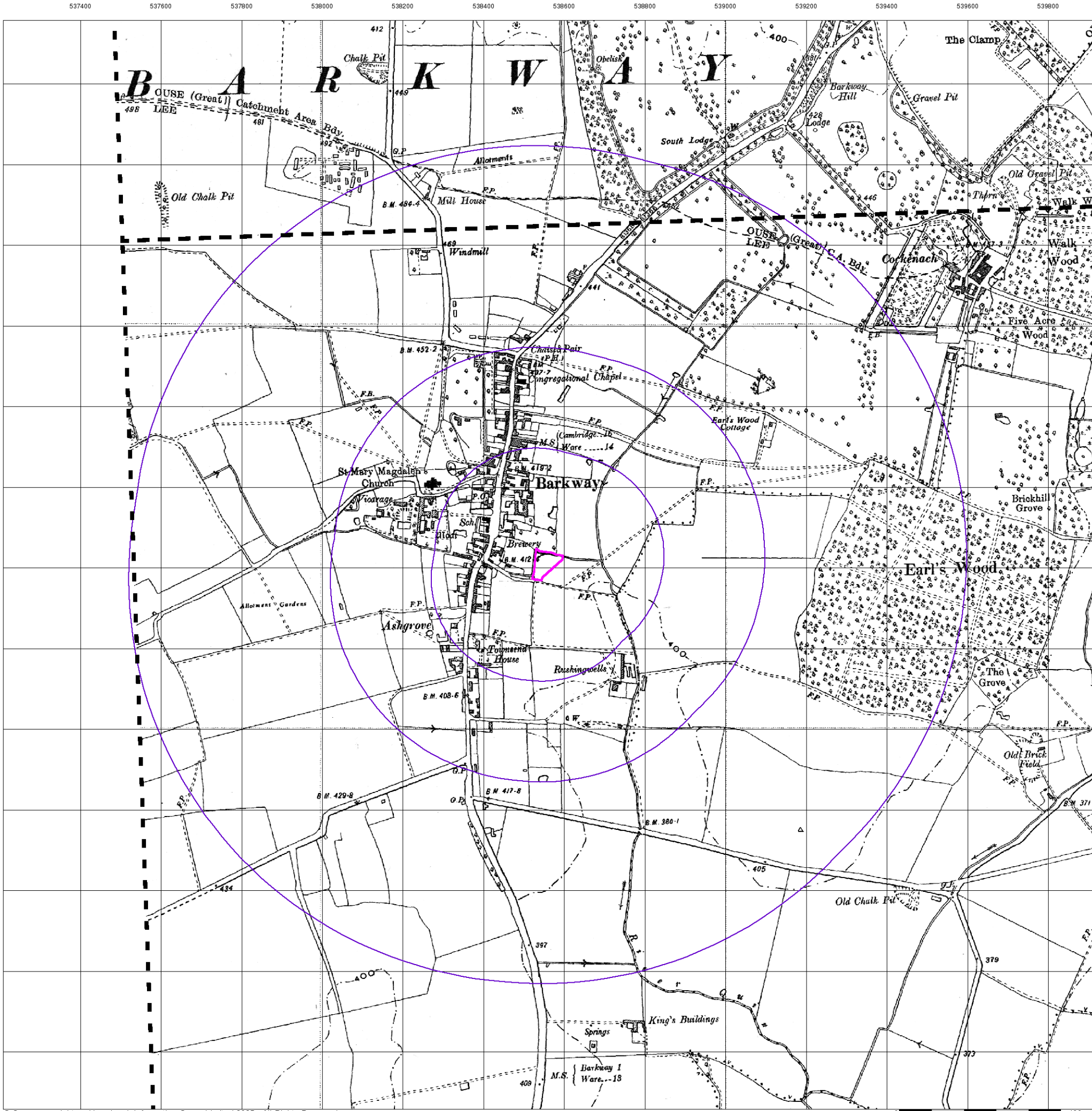


Order Number:	391083807_1_1
Customer Ref:	J25352
National Grid Reference:	538550, 235410
Slice:	A
Site Area (Ha):	0.33
Search Buffer (m):	1000

Site Details
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Cambridgeshire & Isle Of Ely

Published 1950 - 1951

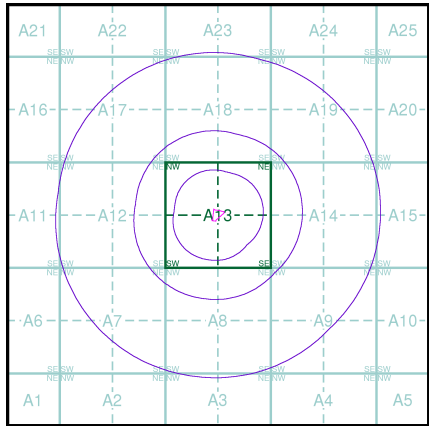
Source map scale - 1:10,560

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)

062ANE
1950
1:10,560
062ASE
1951
1:10,560

Historical Map - Slice A



Order Details

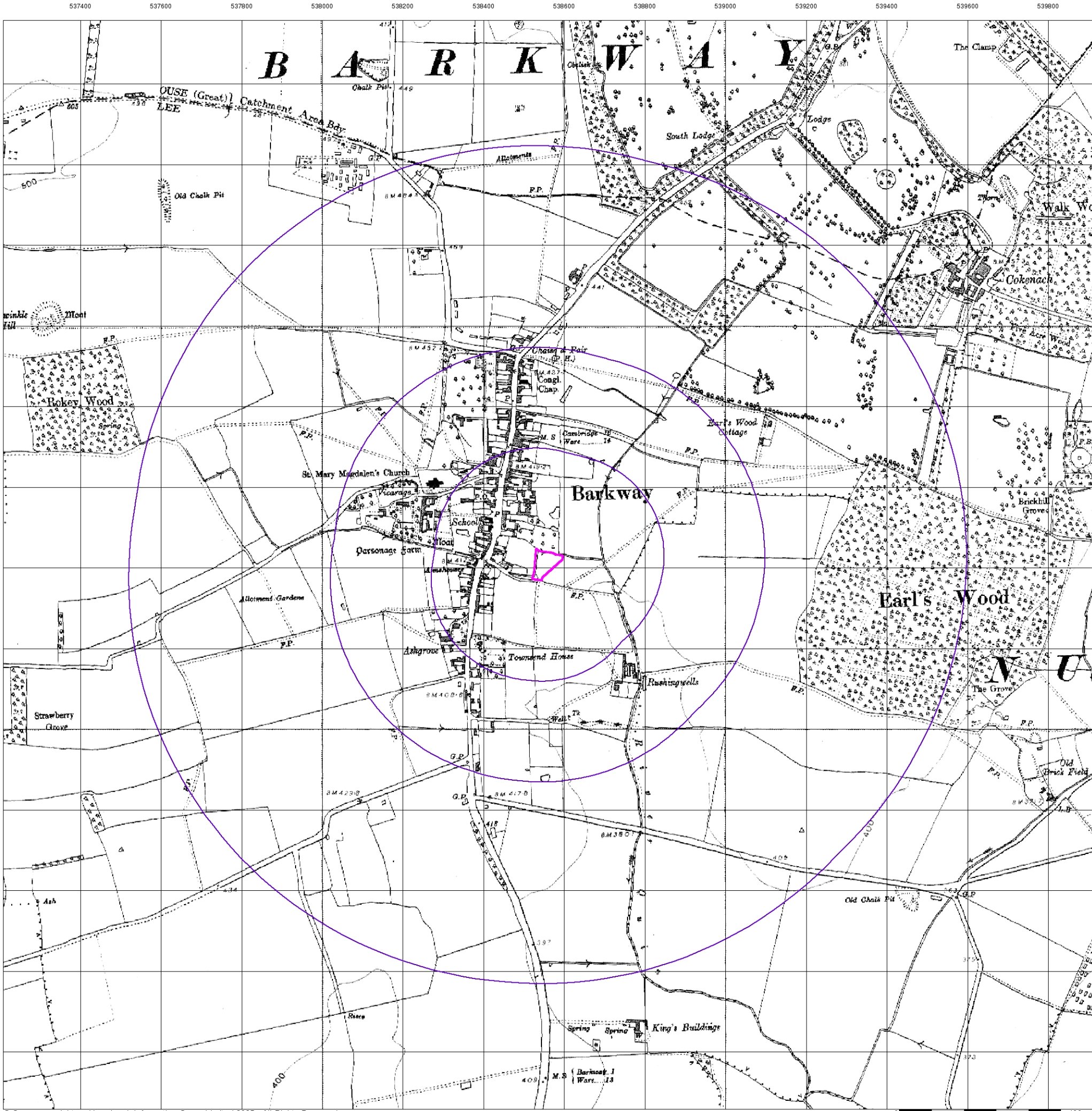
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

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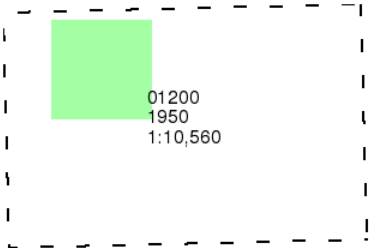
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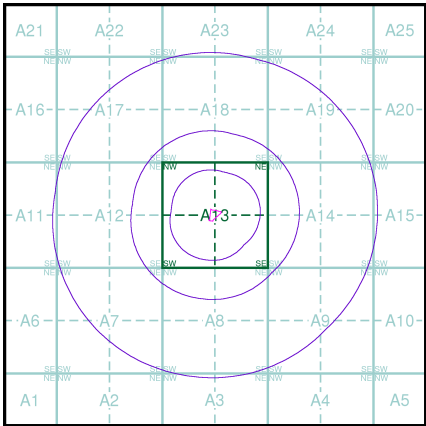
Essex
Published 1950
Source map scale - 1:10,560

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

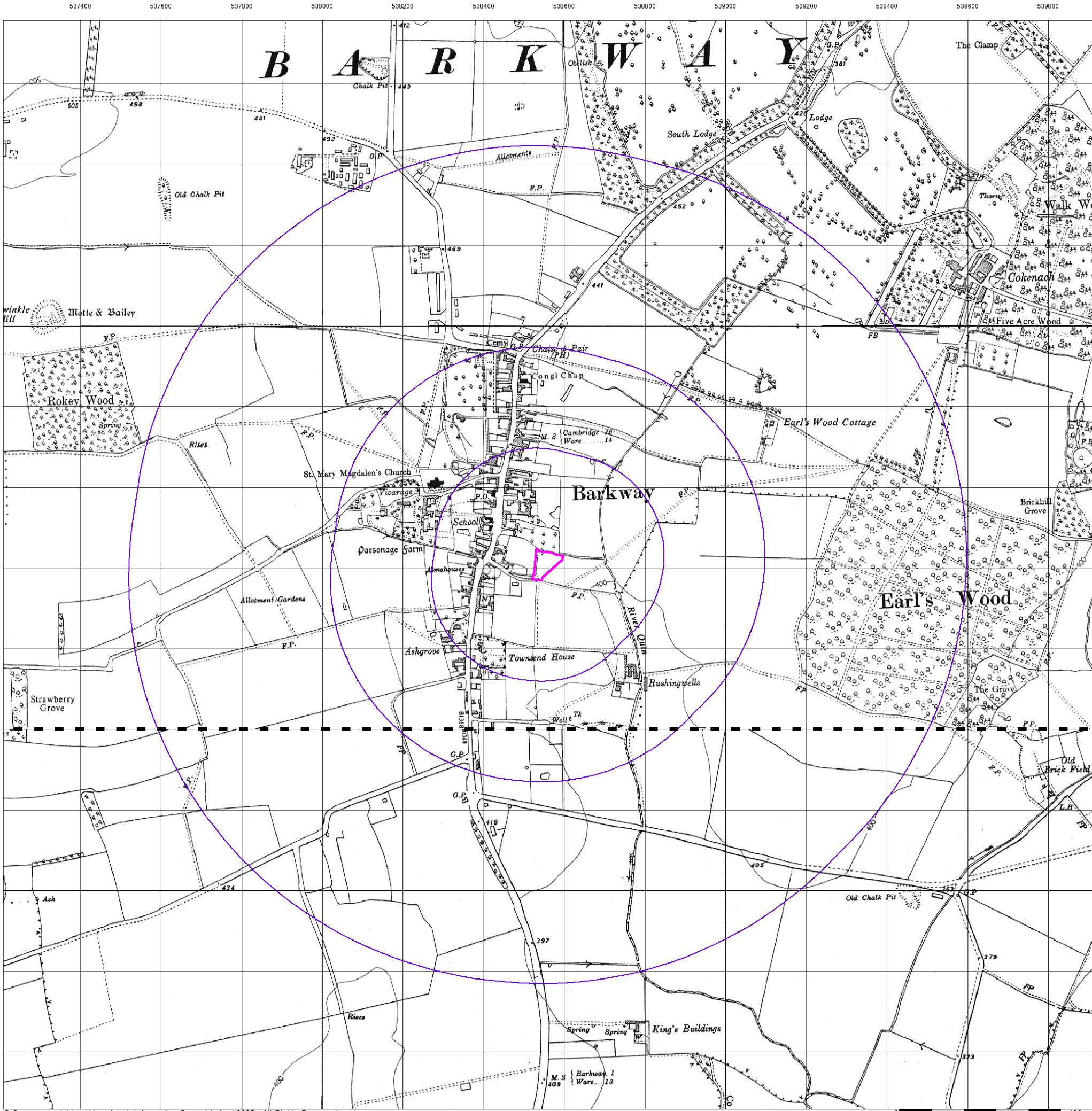
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
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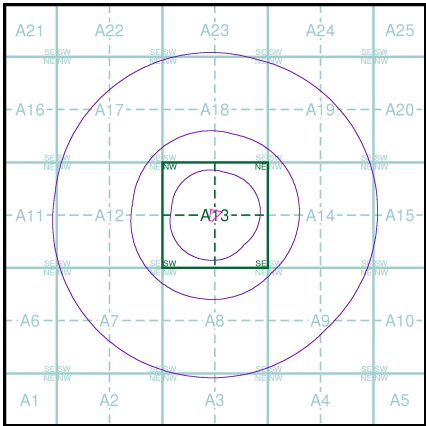
Ordnance Survey Plan
Published 1960
Source map scale - 1:10,000

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)

TL33NE	1960
1:10,560	
TL33SE	1960
1:10,560	

Historical Map - Slice A



Order Details

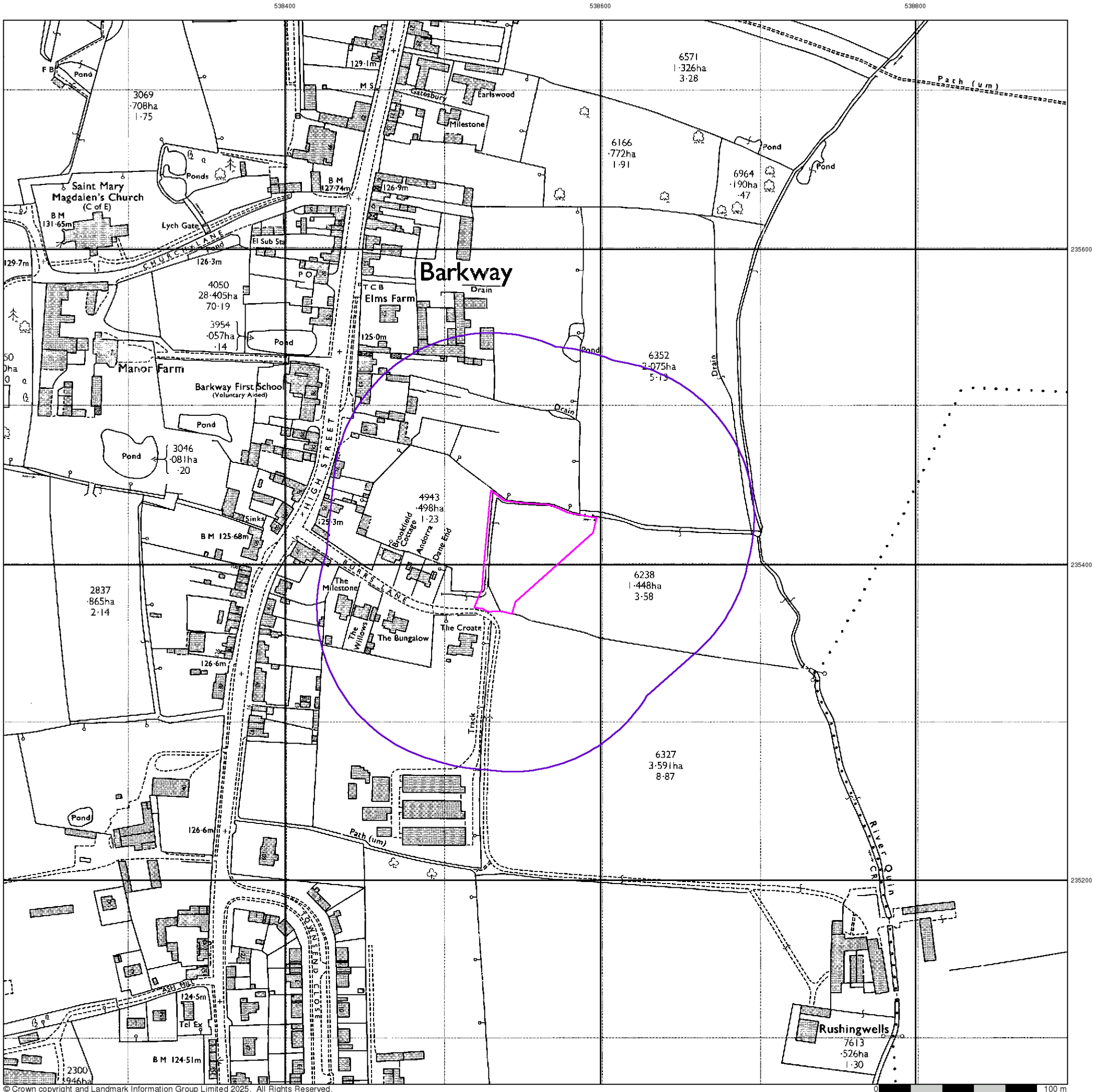
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

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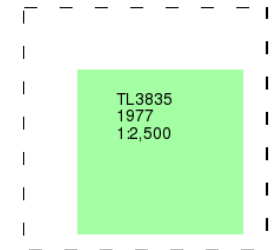
Ordnance Survey Plan

Published 1977

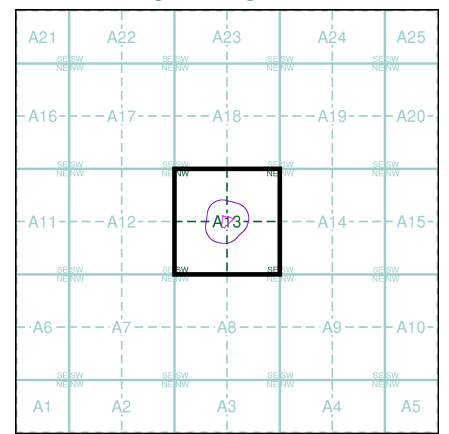
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

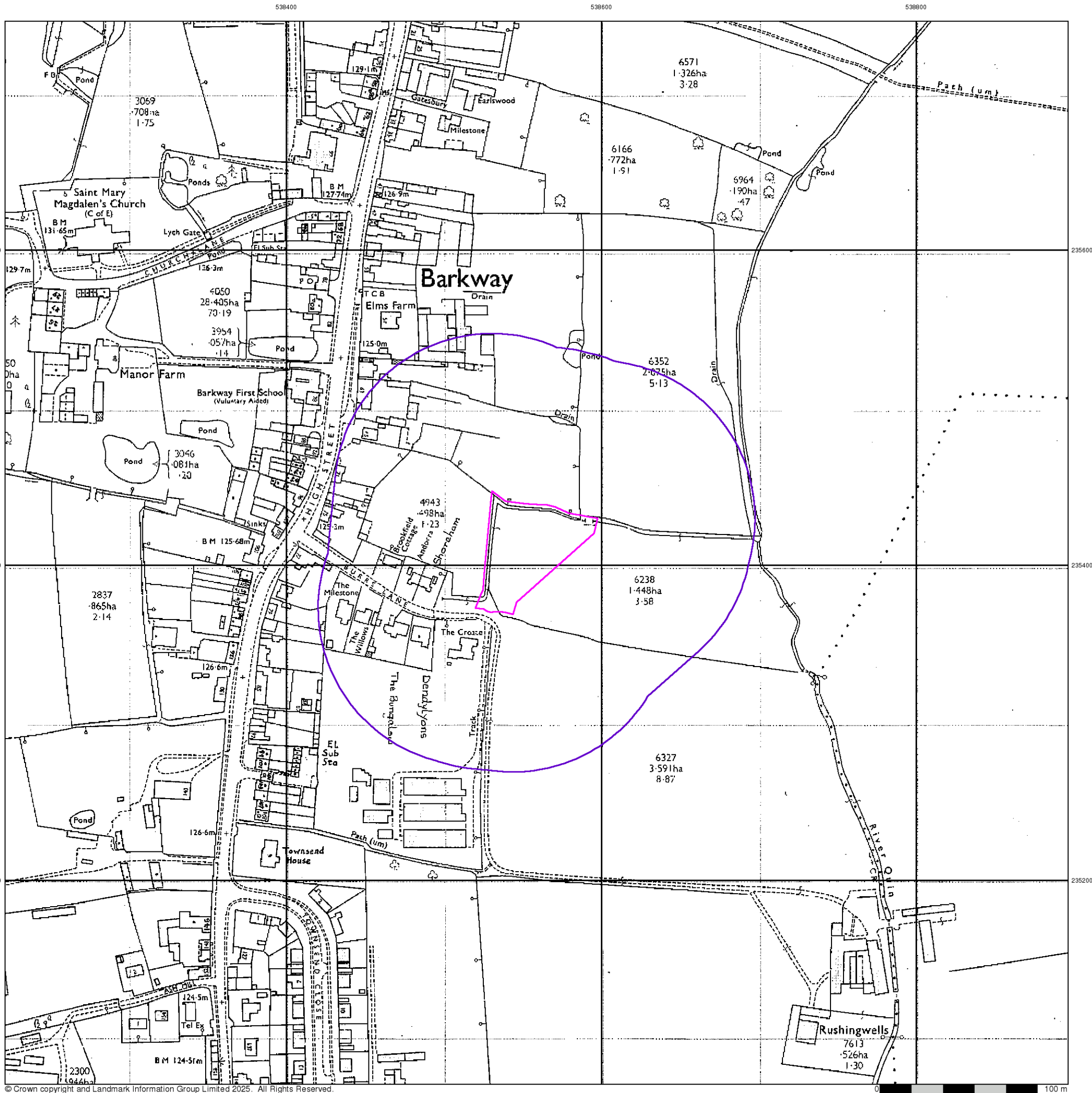
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 100

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



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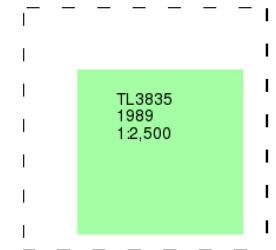
Additional SIMs

Published 1989

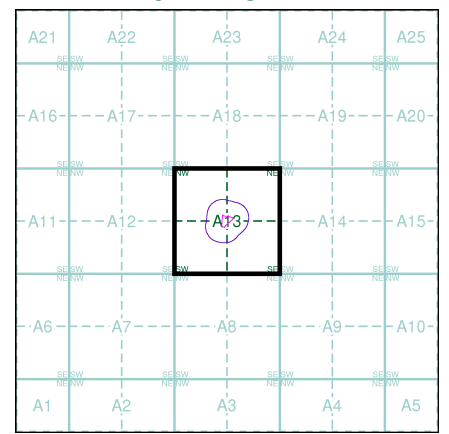
Source map scale - 1:2,500

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 A13



Order Details

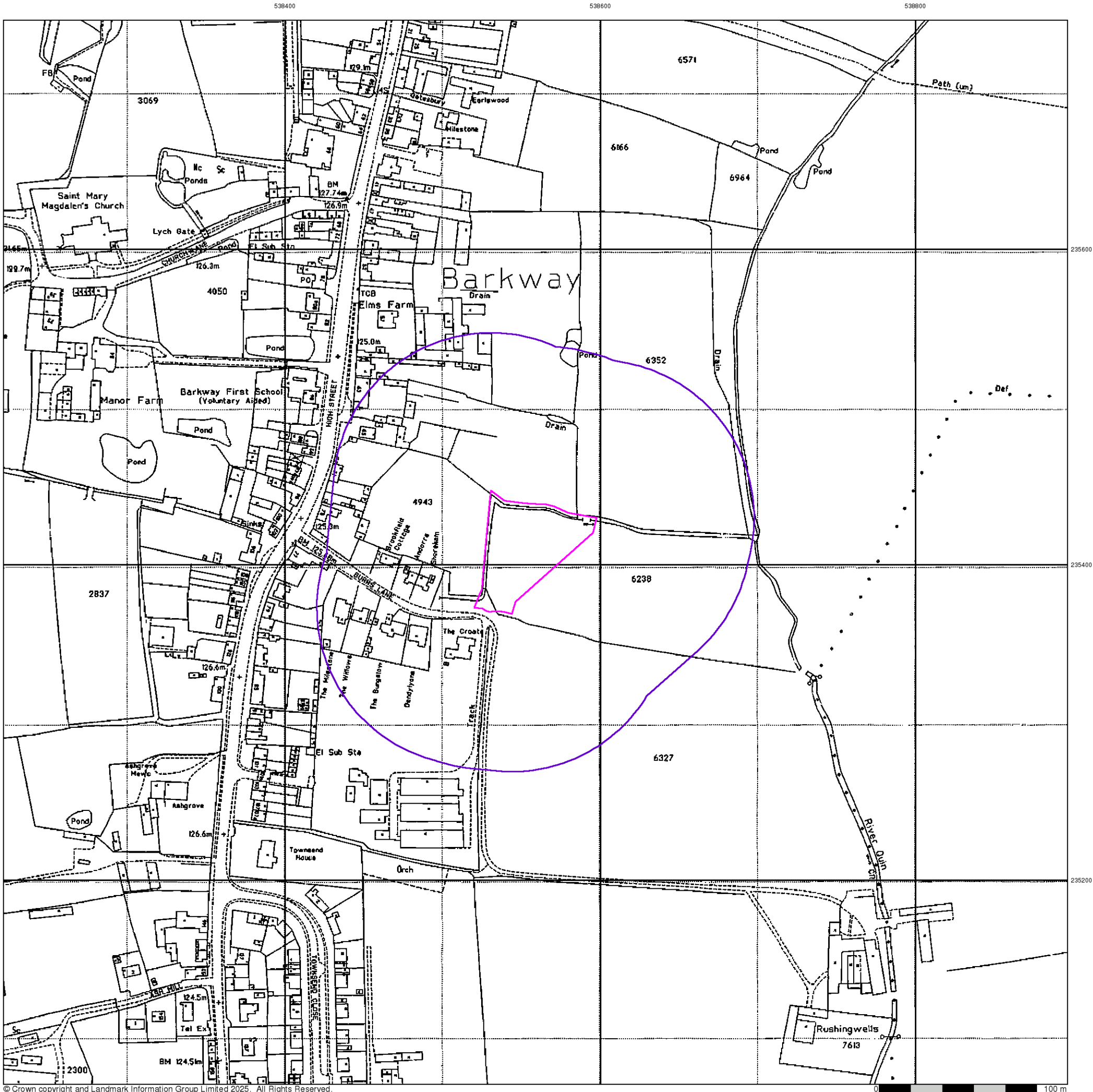
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 100

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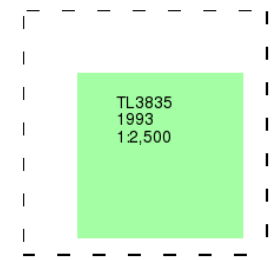
Large-Scale National Grid Data

Published 1993

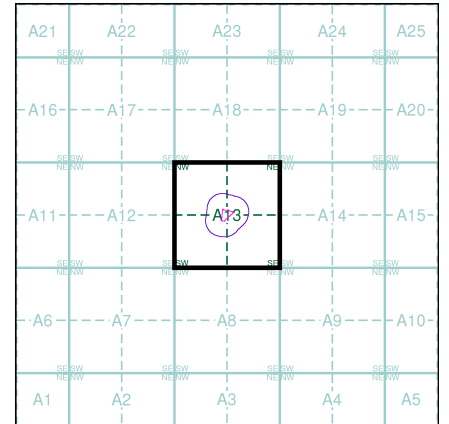
Source map scale - 1:2,500

'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 A13



Order Details

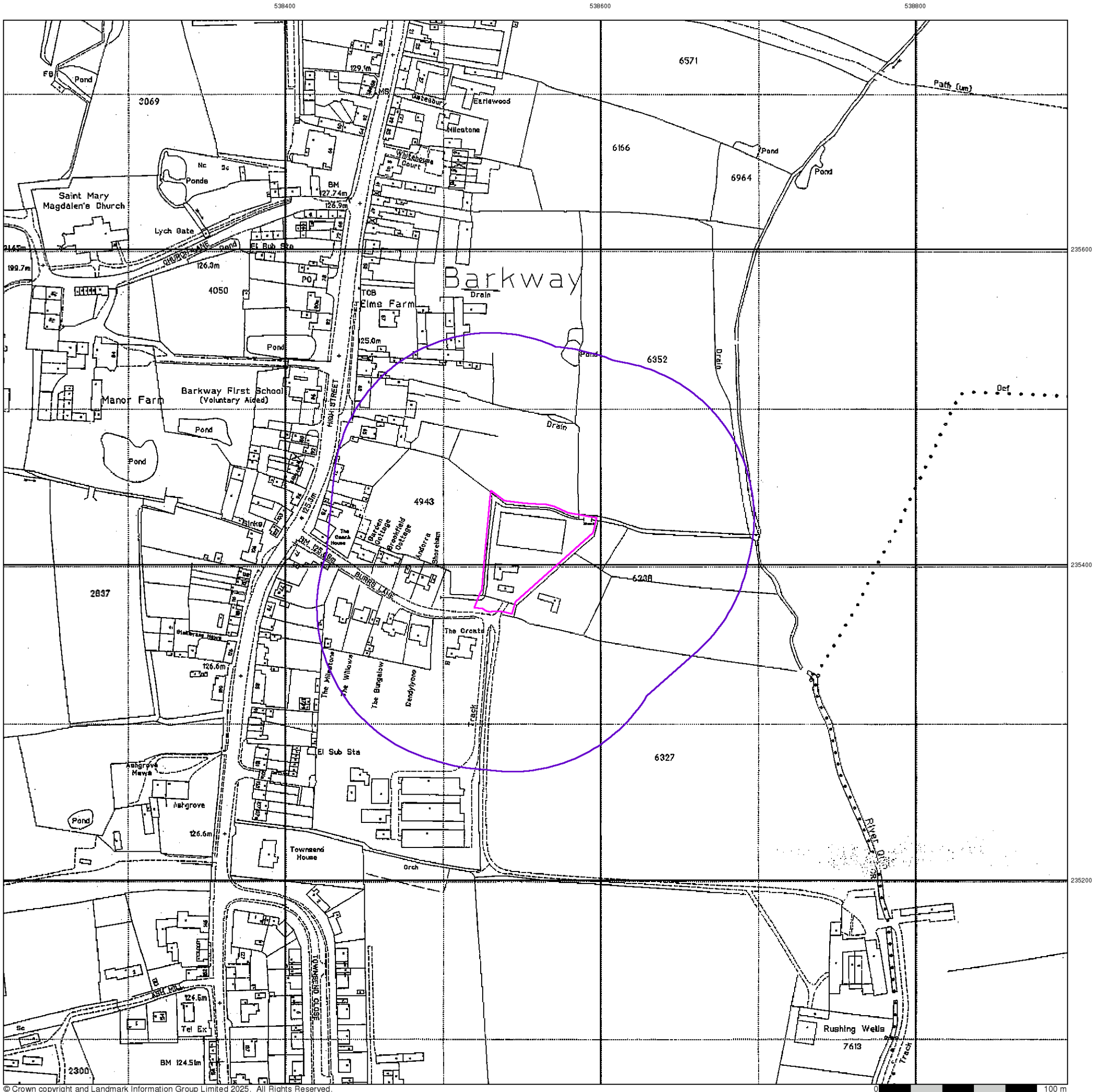
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 100

Site Details

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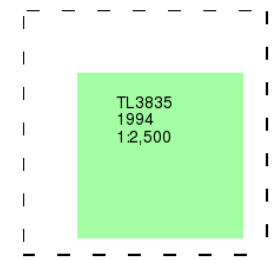
Large-Scale National Grid Data

Published 1994

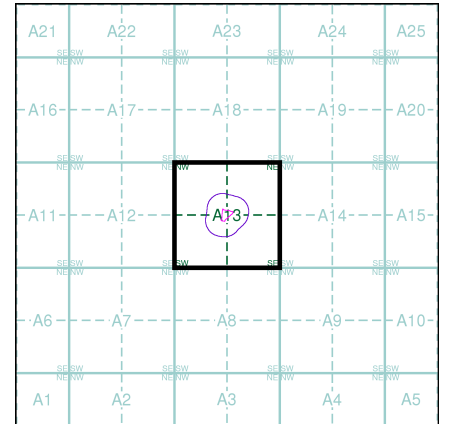
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 100

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



Tel: 0844 844 9952
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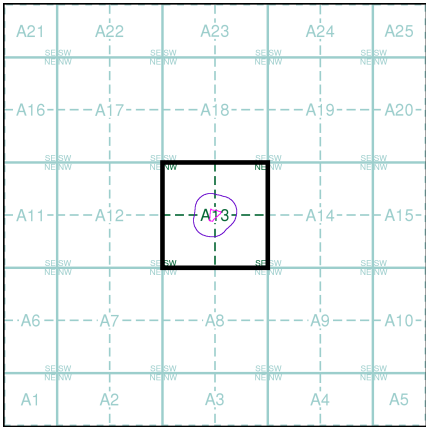


Historical Aerial Photography

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 - Segment A13



Order Details

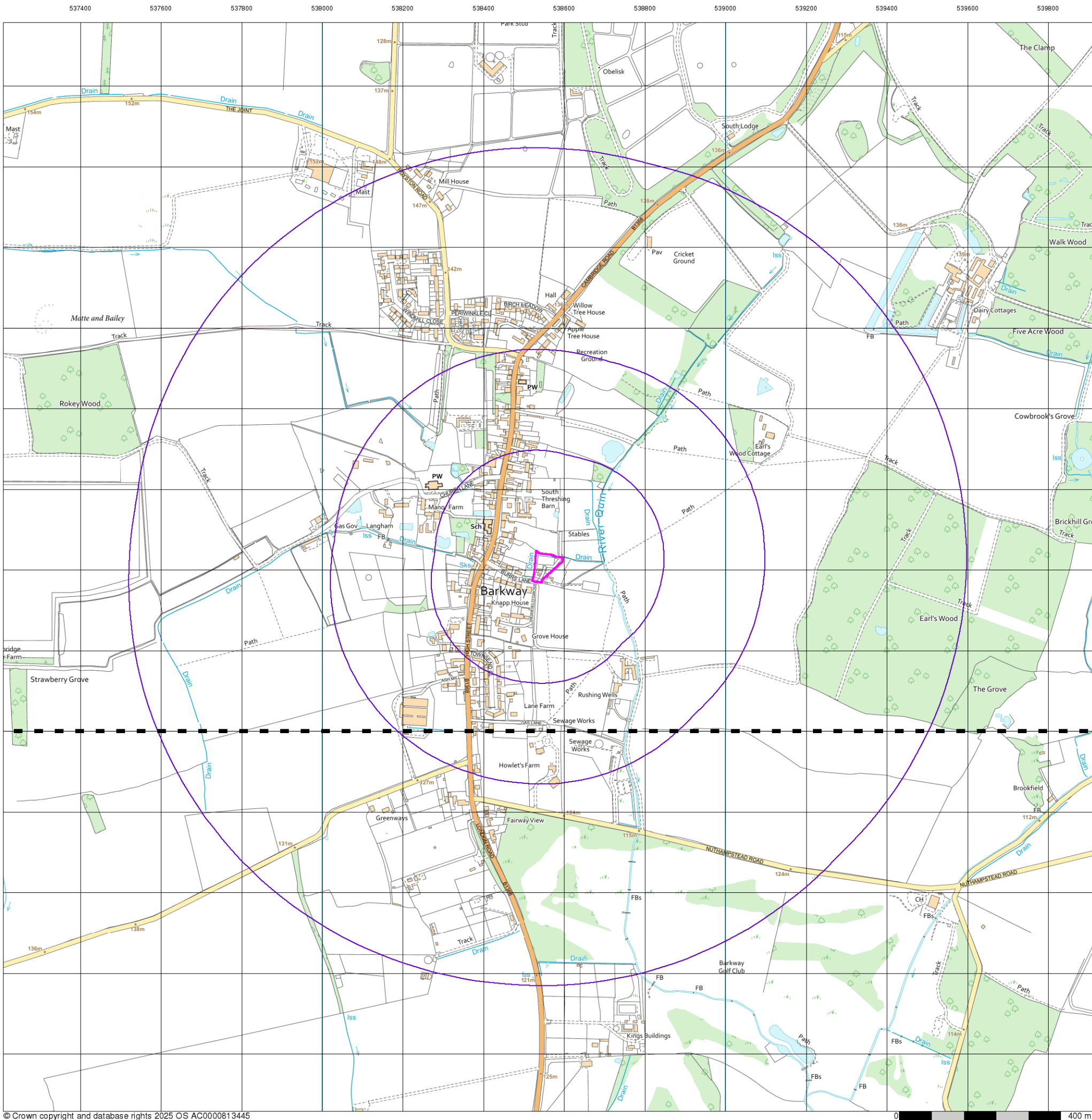
Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 100

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Land At North Side, Burrs Lane, Barkway, SG8 8EP



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VectorMap Local

Published 2025

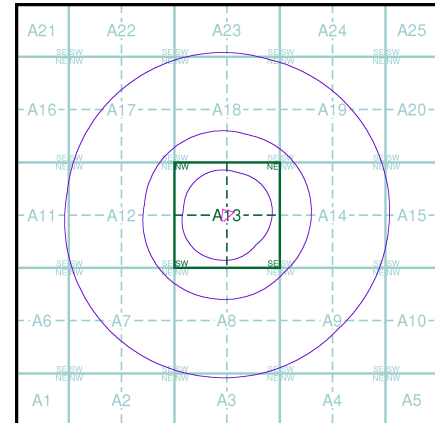
Source map scale - 1:10,000

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)

TL33NE	2025	Variable
TL33SE	2025	Variable

Historical Map - Slice A



Order Details

Order Number:	391083807_1_1
Customer Ref:	J25352
National Grid Reference:	538550, 235410
Slice:	A
Site Area (Ha):	0.33
Search Buffer (m):	1000

Site Details

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Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

391083807_1_1

Customer Reference:

J25352

National Grid Reference:

538550, 235410

Slice:

A

Site Area (Ha):

0.33

Search Buffer (m):

1000

Site Details:

Land At North Side, Burrs Lane
Barkway
SG8 8EP

Client Details:

Mr Branch
GEA Ltd
Widbury Barn
Widbury Hill
Ware
Herts
SG12 7QE

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	2
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	3
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	4
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	5
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	6
Data Suppliers	7
Useful Contacts	8

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The brine subsidence data relating to the Droitwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites					
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 1	Yes		n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 2		1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 3		1	2	
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1977 Date: Last Map Published N/A Date:	A13NE (N)	93	1	538584 235529

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A13NE (N)	58	1	538573 235495
3	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A13NW (NW)	318	1	538308 235673
4	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A8NW (S)	487	1	538553 234882

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
5	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410
6	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	538549 235394
7	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410
8	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	25	2	538513 235464
9	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	191	2	538787 235450
10	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	2	538786 235320
11	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	2	538786 235320
12	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	2	538786 235320
13	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	538549 235394
14	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	2	538552 235410
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	82	2	538625 235337
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	216	2	538786 235320

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheets	Published Date
Hertfordshire	009_02	1877
Hertfordshire	009_01	1878
Hertfordshire	009_01	1898
Hertfordshire	009_02	1898
Hertfordshire	009_01	1921
Hertfordshire	009_02	1921
Ordnance Survey Plan	TL3835	1977

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheets	Published Date
Essex	007_00	1883
Hertfordshire	009_00	1883
Hertfordshire	009_NW	1899
Cambridgeshire & Isle Of Ely	062A_NE	1904
Cambridgeshire & Isle Of Ely	062A_SE	1904
Essex	012_00	1924
Essex	012_00	1950
Cambridgeshire & Isle Of Ely	062A_NE	1950
Cambridgeshire & Isle Of Ely	062A_SE	1951
Ordnance Survey Plan	TL33NE	1960
Ordnance Survey Plan	TL33SE	1960
1:10,000	Mapsheets	Published Date
Ordnance Survey Plan	TL33NE	1984
Ordnance Survey Plan	TL33SE	1989

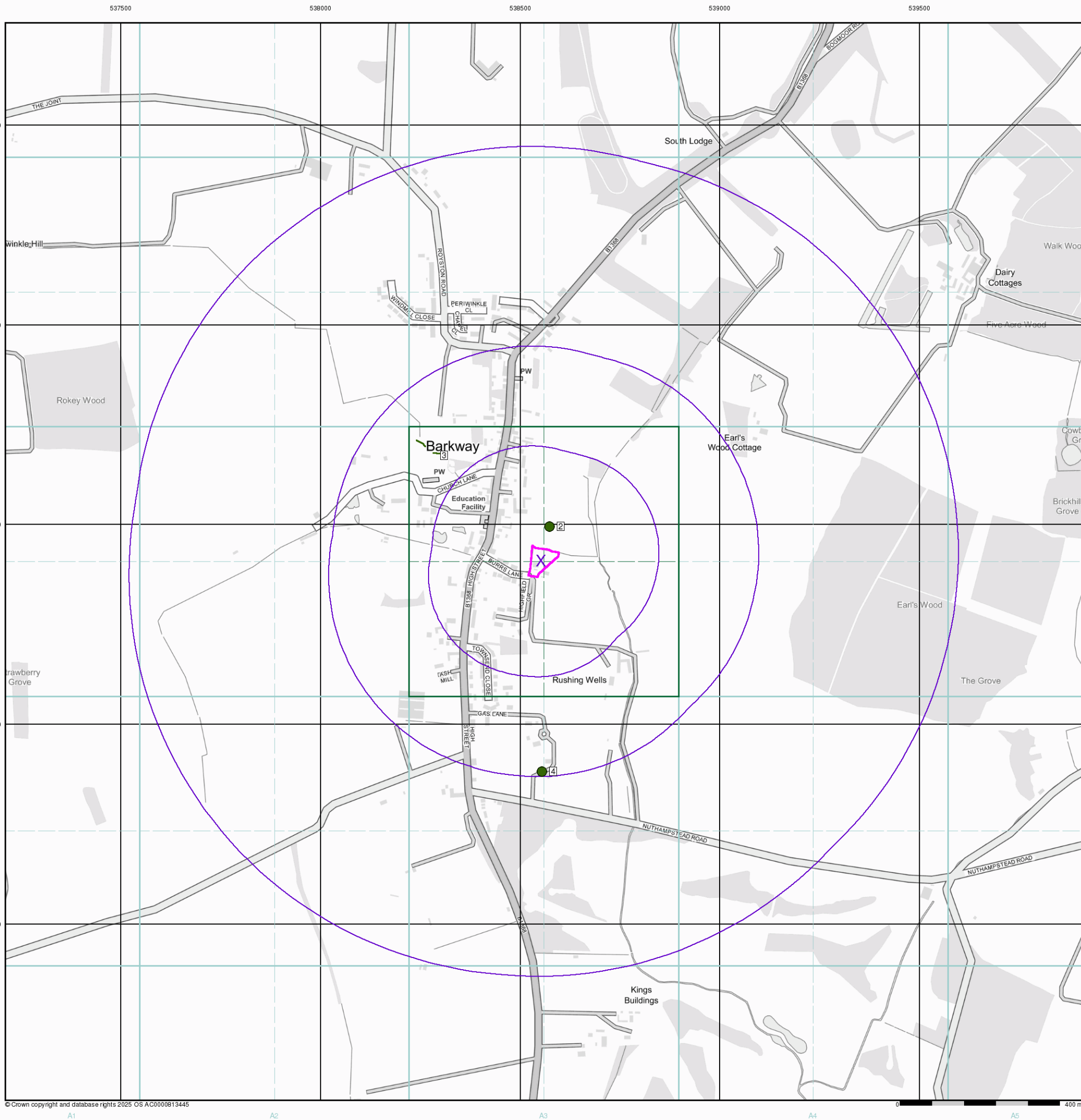
Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2025	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Man Made Mining Cavities Stantec UK Ltd	May 2025	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	May 2025	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	 wardell armstrong your earth our world
Johnson Poole & Bloomer	



Contact	Name and Address	Contact Details
1	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
2	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk



Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

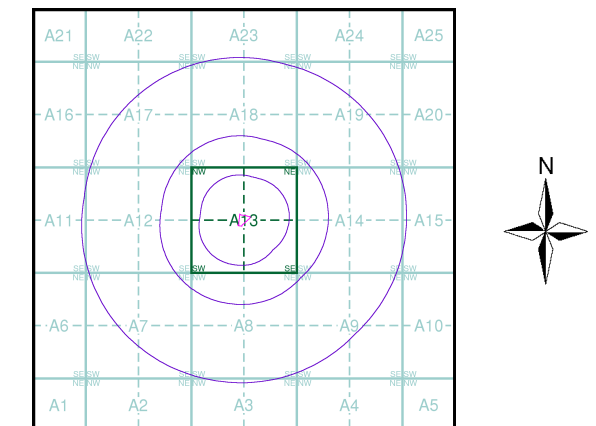
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

-  Potential Mining Area
-  BGS Recorded Mineral Site

Mining and Ground Stability - Slice A

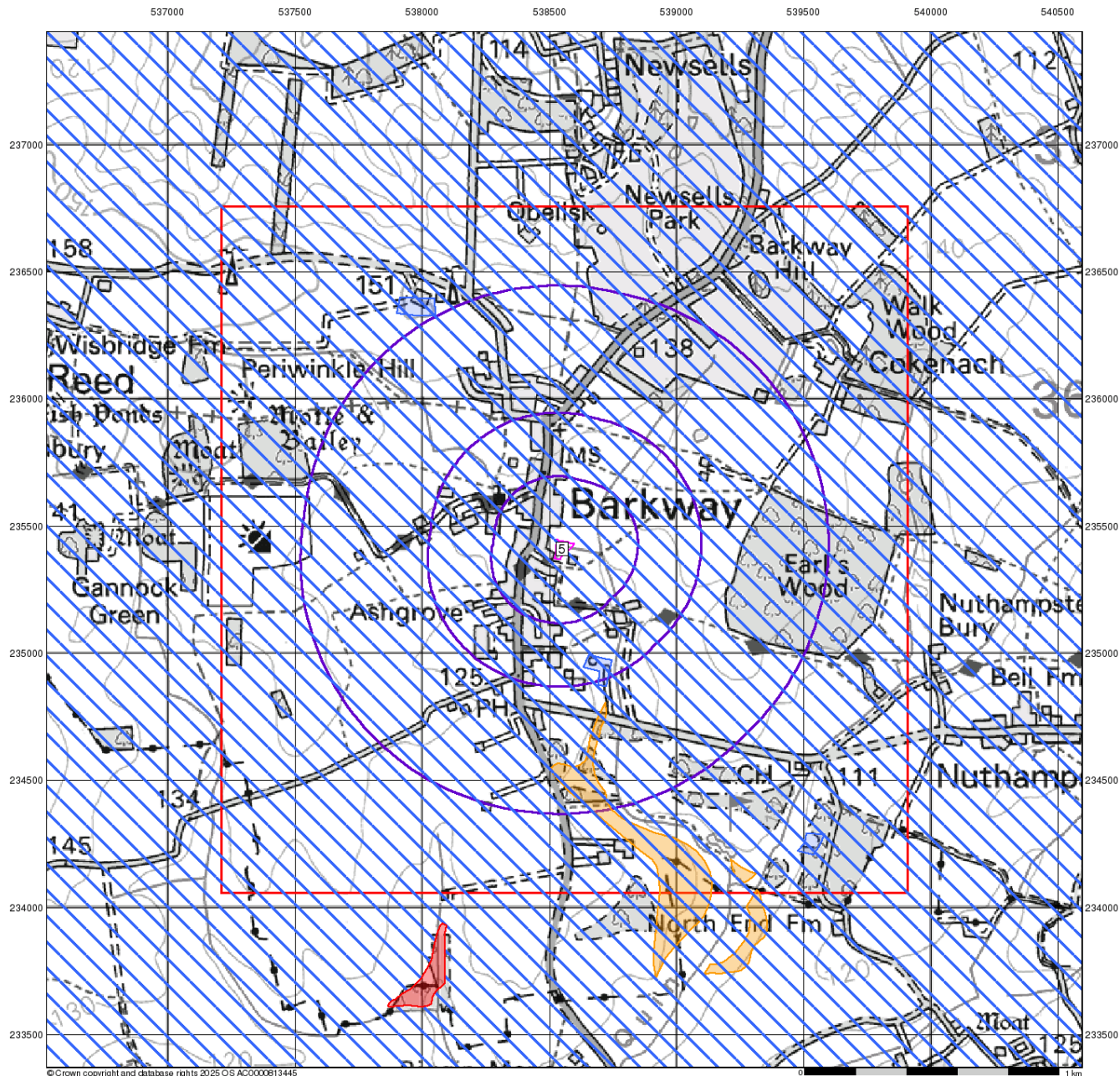


Order Details

Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Search Buffer (m): 1000

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP



Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Collapsible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

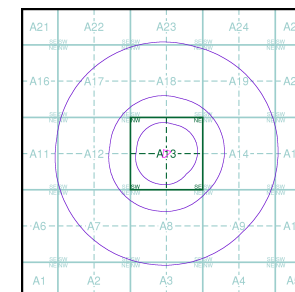
Brine Pumping Related Feature

Salt Mining Related Feature

Point Polygon

- Point
- Polygon

Mining and Ground Stability - Slice A



Order Details

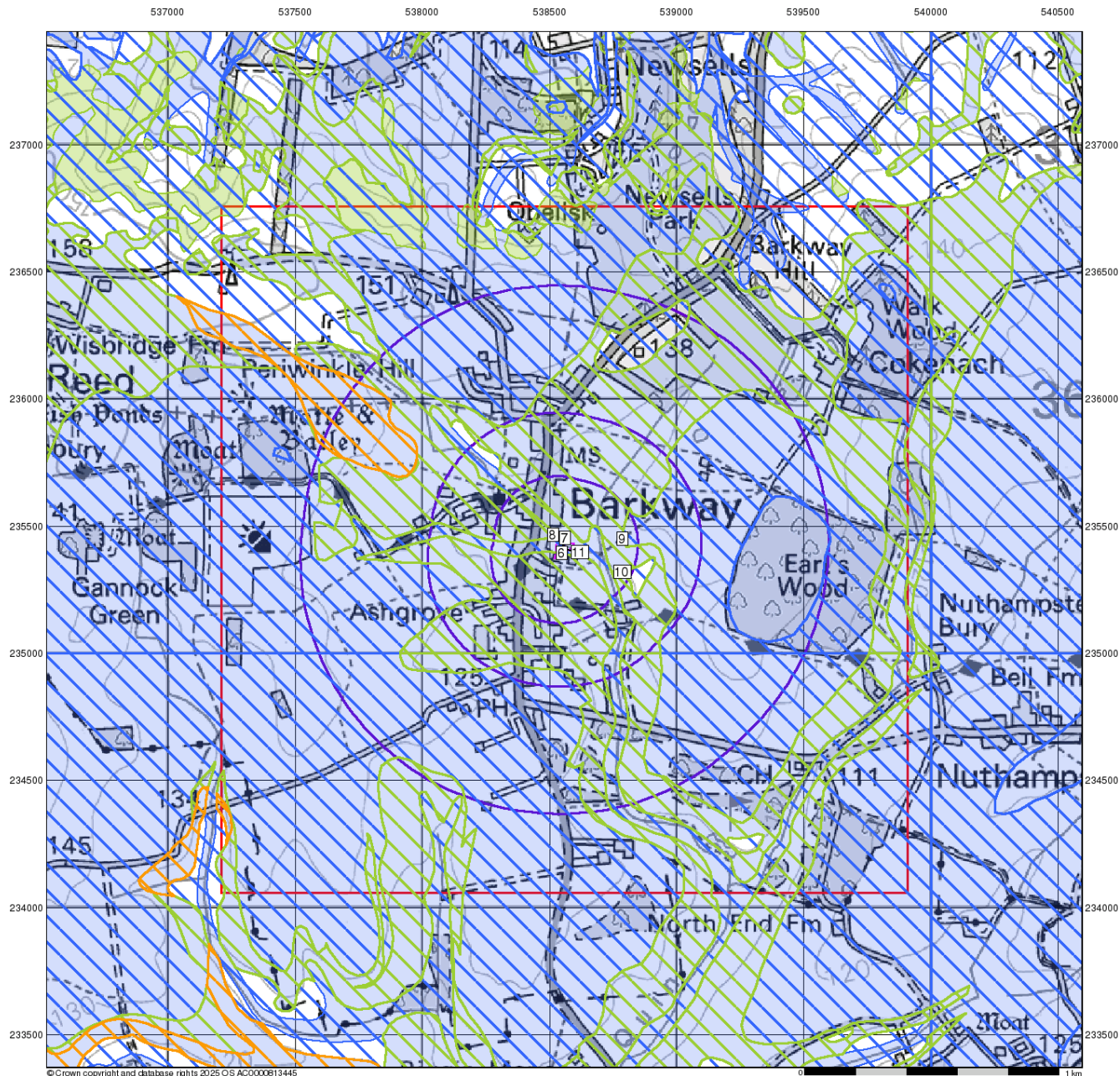
Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
 Search Buffer (m): 1000

Site Details

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Landmark
 INFORMATION GROUP

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Ground Stability Data (1:50,000)

General

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

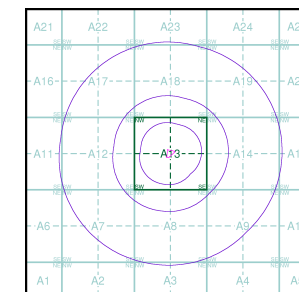
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- High
- Moderate
- Low
- Very Low

Mining and Ground Stability - Slice A



Order Details

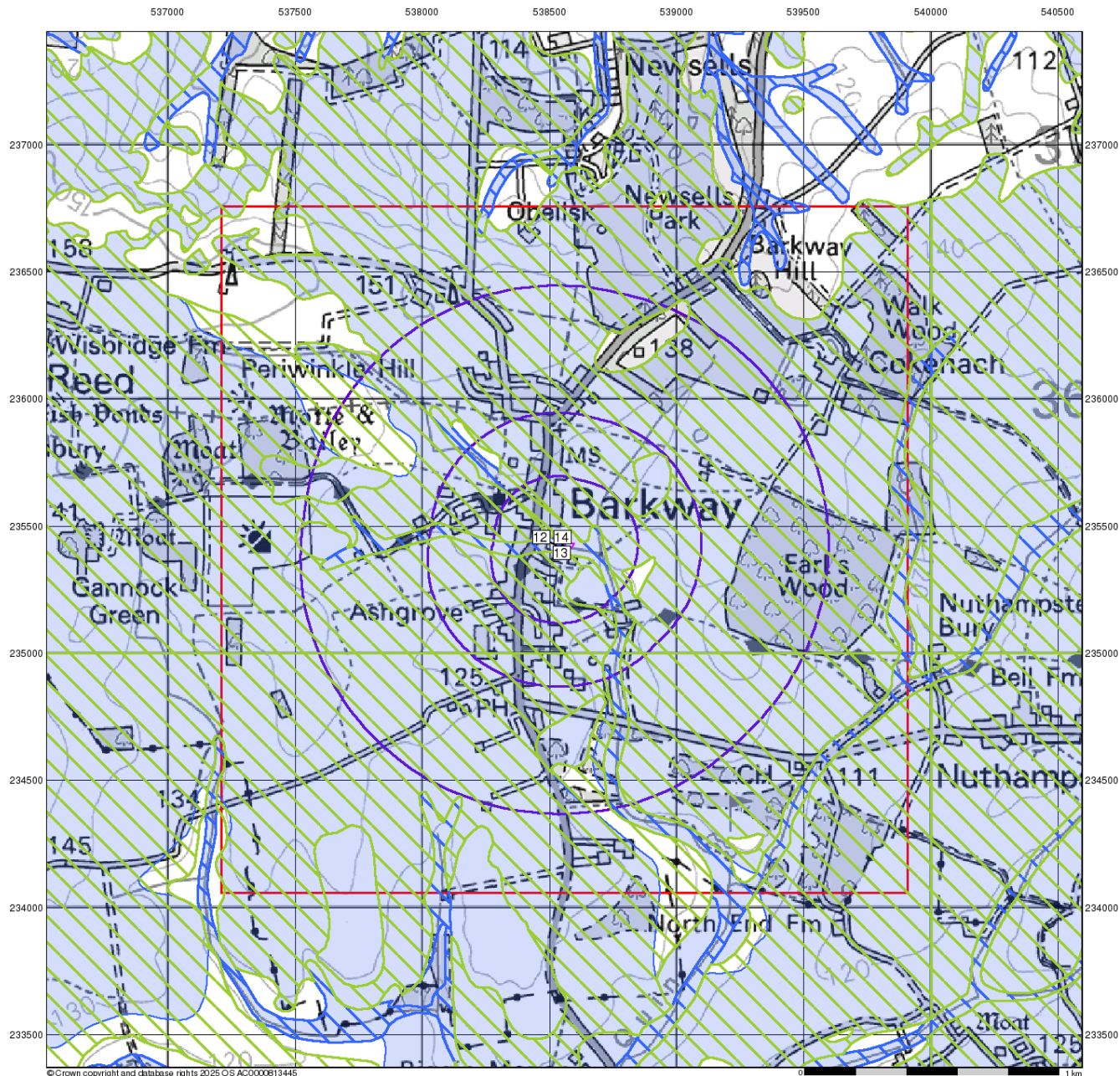
Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
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Site Details

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Ground Stability Data (1:50,000)

General

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

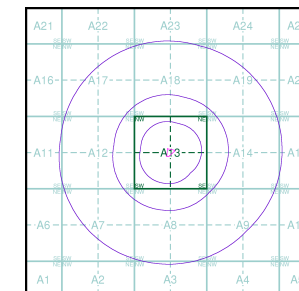
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

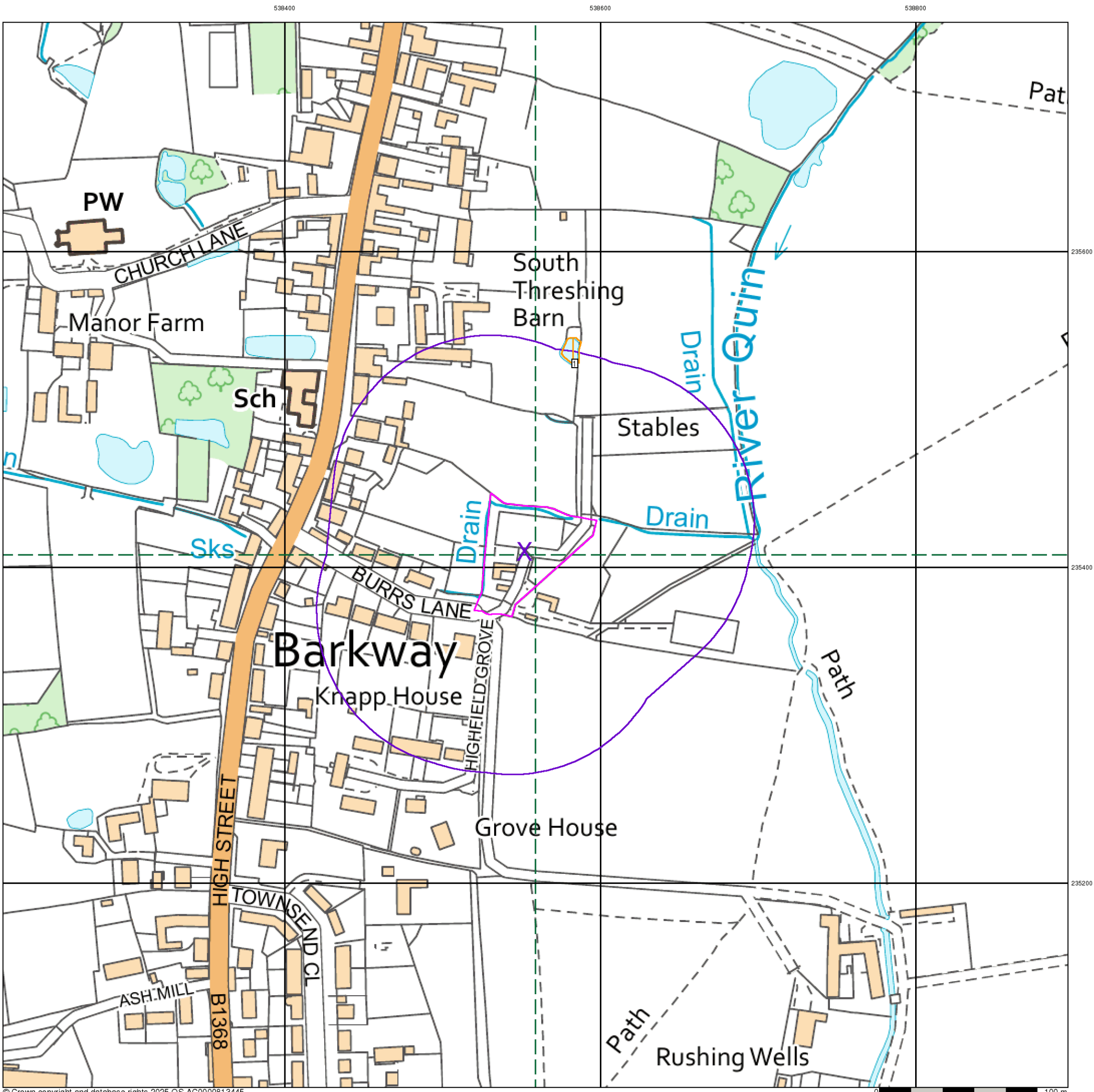
Order Number: 391083807_1_1
 Customer Ref: J25352
 National Grid Reference: 538550, 235410
 Slice: A
 Site Area (Ha): 0.33
 Search Buffer (m): 1000

Site Details

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Historical Land Use Information (1:2,500)

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

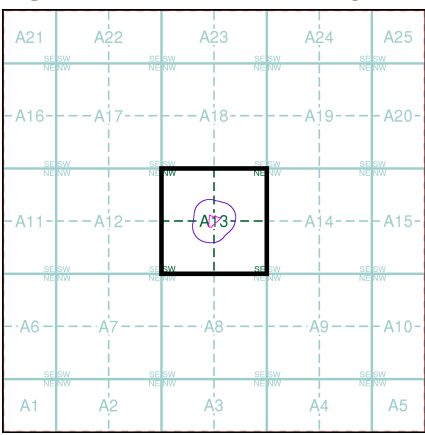
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

Mining and Ground Stability - Segment A13



Order Details

Order Number: 391083807_1_1
Customer Ref: J25352
National Grid Reference: 538550, 235410
Slice: A
Site Area (Ha): 0.33
Plot Buffer (m): 100

Site Details

Land At North Side, Burrs Lane, Barkway, SG8 8EP

**Classification of Consequence**

Classification	Definition	Examples
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 (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings / property. A short-term risk to a particular ecosystem, or organism forming part of such ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000).	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to short-term human health risk if buildings are occupied).
Medium	Chronic damage to Human Health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem, or organism forming part of such ecosystem (note: the definitions of ecological systems within Draft Circular on Contaminated Land, DETR, 2000).	Concentrations of a contaminant from site exceed the generic, or site-specific assessment criteria. Leaching of contaminants from a site to a major or minor aquifer Death of a species within a designated nature reserve.
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the Draft Circular of Contaminated Land, DETR, 2000). Damage to sensitive buildings / structures / services or the environment.	Pollution of non-classified groundwater Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc). Easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discolouration of concrete.

Classification of Probability

Classification	Probability
High likelihood	There is a pollution linkage and an event that either 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	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such an event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

		Risk Assessment Matrix			
		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Moderate / low risk
	Likely	High risk	Moderate risk	Moderate / low risk	Low risk
	Low likelihood	Moderate risk	Moderate / low risk	Low risk	Very low risk
	Unlikely	Moderate / low risk	Low risk	Very low risk	Very low risk

	Description of the assessed risks and likely action required
Very high risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
Moderate risk	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very low risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.



Geotechnical &
Environmental
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