



Mallard Pass

Solar Farm

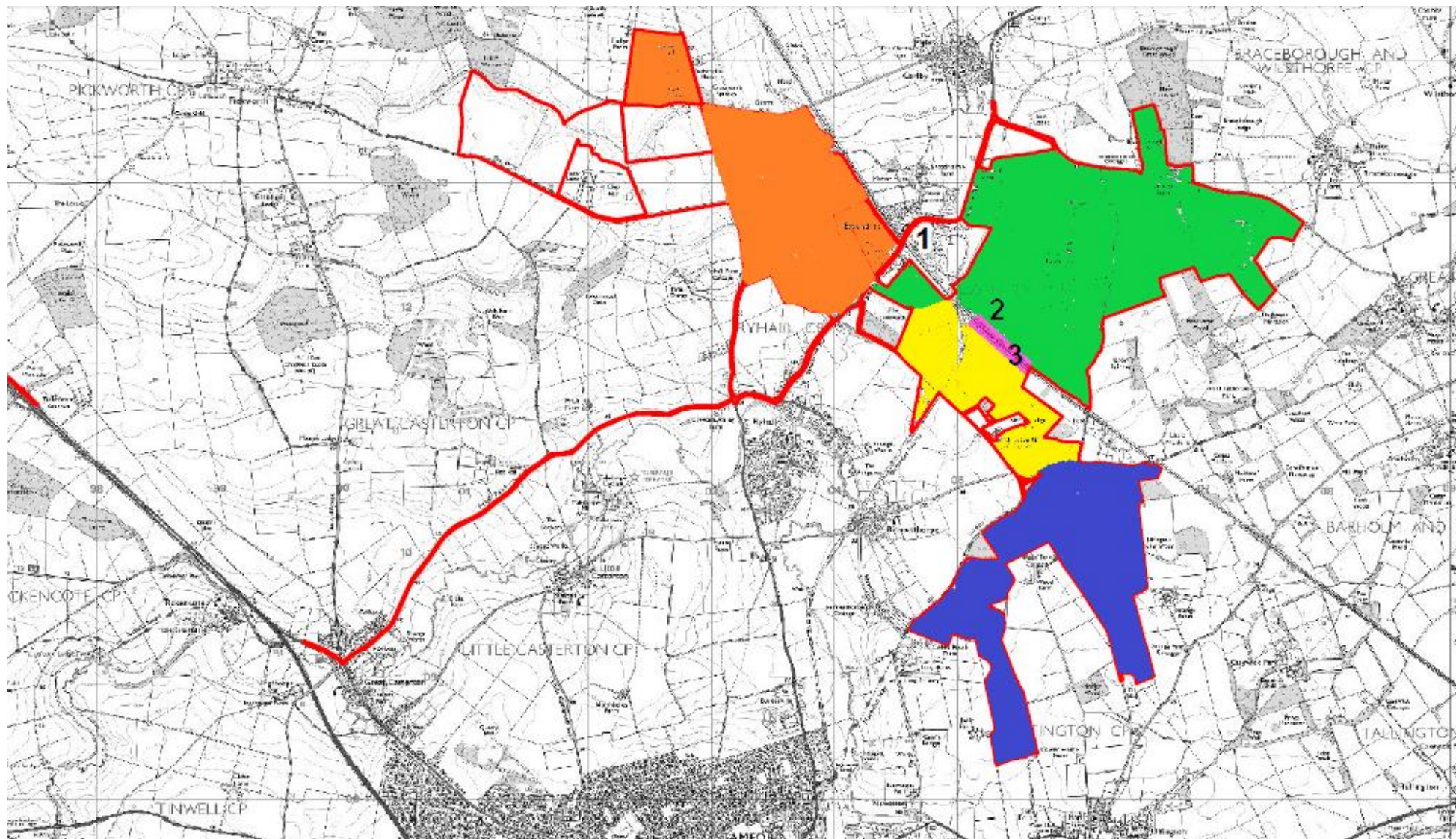
Mallard Pass Solar Farm

Preliminary Environmental Information Report

Volume 3: Appendices

Appendix 12.4: Baseline Data

May 2022



- Land at Manor Farm, Essendine, PE9 4LQ. Report Ref: 287311656 Dated 4th Nov 2021
- Braceborough Grange, Carlby Road, Braceborough. Report Ref: AEL-4305-PSF-1022716 Dated 17th May 2021
- Land at North Lodge Farm, Greatford, Stamford. Report Ref: 472867.5/SC16/KS13_ESF Dated 4th Nov 2021
- Wood Farm Essendine Road, Uffington, PE9 4QE. Report Ref: AEL-4300-LSF-1023627 Dated 21st June 2021

EstateSolutions Farm



Contaminated Land :

The property poses a sufficiently serious environmental risk to require further investigation. Please refer to the recommendations on page 4.

Flood Risk :

Moderate - The Site is susceptible to flooding from one or more sources. A prudent purchaser should ask the vendor whether there has been any historical flooding and confirm the availability of building and contents insurance. You may also want to carry out further assessment and explore options for managing flood risk (see pages 3 & 4).

Environmental Hazards :

The following other Environmental Hazards have been identified in the immediate vicinity of the Site: Radon 1 to 3%, Ground Instability Hazard, and Infilled Land
Overhead transmission lines are located within 50m of the Site.



Report on:

Wood Farm Essendine Road, Uffington, PE9 4QE

Report prepared for:

Womble Bond Dickinson

Client Reference:

SA1402853_ESF

Report Reference:

AEL-4300-LSF-1023627

National Grid Reference:

505755,309610

Report date:

21st June 2021



Site Location

Report prepared on

Wood Farm Essendine Road, Uffington, PE9 4QE

Site Area (hectares)

241.5787

Current Use

Agricultural

Proposed Use

Agricultural

Report Prepared For

Assumed purchase

Report Author

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Summary of Liabilities and Risk

Issue	Evaluation
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Contaminated Land Liability Assessment



FURTHER ACTION



What is the pollution risk from within the property?	High
What is the pollution risk from the surrounding area?	Low to Moderate
What is the sensitivity of this area to pollution?	High
What is the overall liability risk of this property?	High

Within the scope of this assessment potential liabilities have been identified at the farm. We recommend that you undertake more detailed investigation to better quantify these risks. Please see our recommendations for details.



PASSED



Flood Risk Summary

What is the overall risk of flooding at the farm, assuming flood defences are operational?	Moderate (see recommendations below)
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Additional Considerations Summary

Asbestos		Ground Instability		Mining Hazard	
Radon		Coal Mining		Nitrate Vulnerability	
Brine Compensation		Historic Rights of Way		Sensitive Land Uses	
Water Abstractions		Sewage Discharges		Stewardship Schemes	
Unexploded Ordnance		Soil Chemistry		Transmission Lines	
COMAH Sites		Listed Buildings			

Please refer to the Additional Considerations section for further details for those considerations that have been flagged by the report.



FURTHER ACTION



Contaminated Land Recommendation

We have identified a former landfill on the farm. This means the farm could be designated as “Contaminated Land”. The Local Authority are responsible for investigating Contaminated Land, and should have more information on the severity of the risk. We can gather this information for you as part of our SiteSolutions Consult report.

We recommend the following actions:

- Upgrade to a [SiteSolutions Consult](#): (10-15 working day turnaround) £450 + VAT *including third-party costs.*) This can include a review of any relevant information supplied from the vendor. This could include information on ground conditions and signs of pollution or reduced productivity.
- Inspect the area for obstructions, discoloured soil, distressed vegetation and poor soil quality.

Please call your report writer on 03300 366 115 to discuss any aspect of this recommendation



PASSED









Flood Risk Recommendations

1. Although areas of the Site have been identified as at an increased risk of flooding, owing to the limited extent and location of this risk in relation to the main operational areas, further detailed assessment is not deemed necessary. However, it would be prudent to check with the current vendor to confirm whether or not historical flooding has significantly impacted upon farm operations, facilities and general farming practices.
2. If this risk relates to areas where buildings are present, you may wish to consider further assessment to establish anticipated flood depths which will aid a cost appraisal and installation of flood resistance and/or resilience protection measures (Please contact Argyll for more details).
3. You may wish to consider obtaining insurance terms prior to the completion of this transaction if the main buildings on Site are at risk.



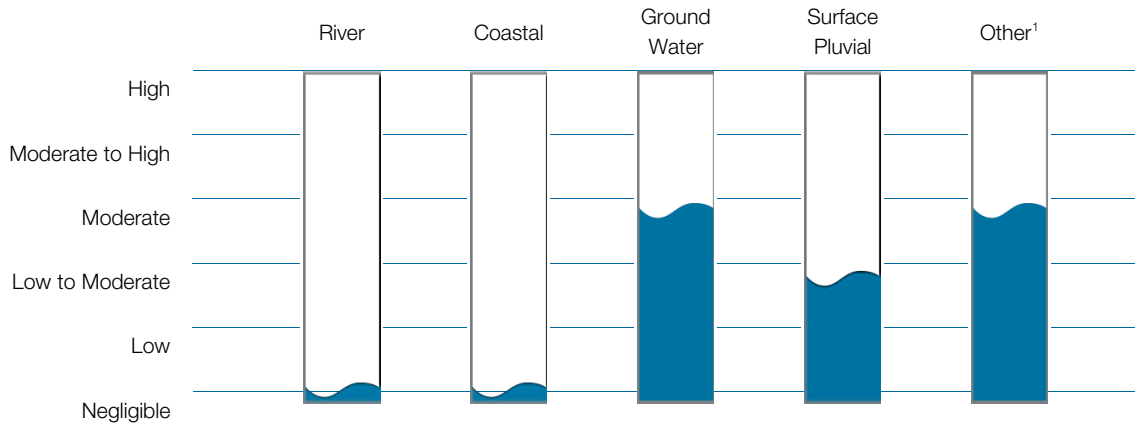
Contaminated Land Risk Analysis

Investigation	Risk Commentary
 <p>Farm description</p> <p>Farm History</p>	<p>The farm is approximately 242 hectares and is formed of arable land and woodland. A farmyard is located in the centre, and is comprised of multiple barns and silos, with an associated residential property. Additional residential properties are also located in the centre of the Farm. A disused pit is located in the south. No redevelopment is proposed.</p> <p>A review of historical maps dating from 1887 shows the following potentially contaminative uses on the farm: a gravel pit in the north c.1887-1905, a gravel pit in the south c.1887-2021 (overgrown rather than infilled), and an additional gravel pit in the south c.1930-1958.</p> <p>Finally, recorded landfill sites have been identified at the farm; a Historical Landfill Site recorded as accepting household waste, and a Local Authority Recorded Landfill Site recorded as accepting dry domestic, construction, waste subject to dpw act waste, and operational until 1979.</p>
<p>Argyll's Comment</p> 	<p>As a result of the historical and current use of the Site, there is a high risk of contaminants being present.</p>
 <p>Current and historical surrounding area description</p>	<p>According to current mapping and aerial photography the farm is almost entirely surrounded by arable land or grassland, farmyards and small areas of woodland. Railways are located adjacent north east.</p> <p>A review of historical maps dating from 1877 shows the following potentially contaminative uses within 100m of the farm: railways adjacent north east c.1887-2021, worked ground 70m north c.1888-1892, and a gravel pit adjacent south .1930-1958.</p>
<p>Argyll's Comment</p> 	<p>The historical and current use of the surrounding area is therefore considered to present a low to moderate risk of affecting the Site.</p>
 <p>Water resources and sensitive habitats</p>	<p>The general area appears to be in agricultural use, with residential properties located on the Farm.</p> <p>The superficial hydrogeology underlying the Site is classified as a Secondary (A) Aquifer (deposits with moderate permeability), and a Secondary (Undifferentiated) Aquifer (deposits with variable/limited permeability) and the bedrock hydrogeology is classified as a Secondary (A) Aquifer (deposits with moderate permeability), an Unproductive Stratum (deposits of negligible permeability), and a Principal Aquifer (highly permeable formations).</p> <p>The Site lies within a Zone I Source Protection Zone (SPZ). An SPZ is a protection zone placed around a well or borehole that supplies groundwater of potable quality.</p> <p>There are nine abstraction licences located within 500m. The closest of these are a stream abstraction (68m north east) for frost protection use, and a stream abstraction (68m north east) for spray irrigation use.</p> <p>In addition, Site users, buildings and services are considered sensitive receptors due to the potential for volatile gases and aggressive ground conditions in light of historic land uses.</p> <p>Drainage channels are located on Site. Finally no designated eco-receptors were identified within a 500m radius of the Site.</p>
<p>Argyll's Comment</p> 	<p>Overall, the Site is therefore considered to have a high environmental sensitivity.</p>
<p>Additional Sources of Information</p>	<p>The following additional historical map packs were used to produce this report.</p> <ul style="list-style-type: none"> • Envirocheck Ref: 280744362 centred on 505755, 309610.



Flood Risk Screening

Flood Analysis of Whole Farm	What is the overall risk of flooding at the farm, assuming defences fail or are absent or over-topped?	Moderate
Flood Defences	Are there existing flood defences that might benefit the Site?	Yes
Effect	What is the risk of flooding when these defences are operational?	Moderate



Flood Analysis of Buildings	Are the main farm buildings at significant risk of flooding? No
Riparian Ownership	Is there a water feature located within or adjacent to the Site? Yes
Argyll's Comment	<div style="background-color: #f0f0f0; padding: 10px;"> <p>A riparian owner describes anyone who owns a property where there is a watercourse within or adjacent to the boundaries of their property.</p> <p>Under common law, a riparian owner has rights and responsibilities relating to the stretch of watercourse that falls within or beside the boundaries of their land. Their primary responsibility is to keep the watercourse free of any obstructions that could hinder normal water flow. If the riparian owner fails to carry out their responsibilities, this could result in civil action.</p> <p>A riparian owner should also check before carrying out any works near to the edge of a river, as such works may be subject to byelaws. If infringed, this could lead to enforcement action by the Environment Agency.</p> <p>There is a presumption that the boundary between properties abutting a watercourse is the centre line of that watercourse. To confirm whether this is the case, a solicitor should check the deeds or the Index Map.</p> <p>The Environment Agency has published useful guidance "Living on the edge" for owners of land or property alongside a watercourse. Sometimes, the Environment Agency or other organisations managing flood risk, may have statutory rights of access to properties which adjoin a watercourse. This may be for for maintenance, repair or rebuilding of any part of the watercourse or for access to or repair of monitoring equipment.</p> </div>

Development Control	Is there a water feature located within 250m of the Site? Yes
Argyll's Comment	<div style="background-color: #f0f0f0; padding: 10px;"> <p>Sites which lie close to (but do not adjoin) a watercourse, may be subject to planning controls should redevelopment be considered. The Environment Agency and Internal Drainage Boards are normally consulted regarding any development within 50m of a Main River or drainage channel. Navigation authorities are normally consulted regarding any development within 250m of a canal, although this varies on a site by site basis. Please see The Environment Agency website to check if there is a Main River within 20m of your property.</p> </div>

¹Other factors influencing flood risk include historic flood events, geological indicators of flooding, proximate surface water features and elevation above sea level.

Dam and
Reservoir Failure
Argyll's
Comment



Could the Site be affected by dam or reservoir failure? **Yes**

The answer is based on detailed models provided by JBA Risk Management. These predict the areas liable to flood around approximately 1700 key dams and reservoirs across England and Wales (if that dam or reservoir were to fail).



Recommendations

1. Although areas of the Site have been identified as at an increased risk of flooding, owing to the limited extent and location of this risk in relation to the main operational areas, further detailed assessment is not deemed necessary. However, it would be prudent to check with the current vendor to confirm whether or not historical flooding has significantly impacted upon farm operations, facilities and general farming practices.
2. If this risk relates to areas where buildings are present, you may wish to consider further assessment to establish anticipated flood depths which will aid a cost appraisal and installation of flood resistance and/or resilience protection measures (Please contact Argyll for more details).
3. You may wish to consider obtaining insurance terms prior to the completion of this transaction if the main buildings on Site are at risk.



Additional Considerations

Item	Summary	Suggested Action
Asbestos (Commercial)	If the buildings at the Site were constructed or renovated during the period between 1950 and 1999, then the fabric of these buildings may contain asbestos in a variety of forms.	Check Asbestos Register and Management Plan
Historic Rights of Way	A review of historic mapping indicates there may be former rights of way on the farm. It is possible that these could be re-instated by Natural England under the Discovering Lost Ways project within England. This project aims to identify former rights of way (pre-1949) which have disappeared from local authority maps and statements. Similar projects exist for Scotland and Wales. Argyll recommends contacting the relevant authority for further advice and discussion on the implications for a property owner.	Contact either Natural England, Scottish Natural Heritage, or Natural Resources Wales for further information
Nitrate Vulnerable Zones	The farm is located within a Nitrate Vulnerable Zone. Nitrate Vulnerable Zones are designated areas of land draining into waters assessed to be polluted by nitrates. As the farm lies within a designated zone the land owner will need to comply with the requirements of the Nitrates Action Programme regulated by DEFRA and the Environment Agency.	Contact the Environment Agency for further information
Soils	BGS soil chemistry data for the Site indicates 15 - 25 mg/kg of arsenic, <15 mg/kg of arsenic, <1.8 mg/kg of cadmium, 60 - 90 mg/kg of chromium, <100 mg/kg of lead, 15 - 30 mg/kg of nickel. 30 - 45 mg/kg of nickel. <15 mg/kg of nickel.	None required
Agricultural Land Classifications	The farm is located within a Grade 3 classification (good). The classification system forms part of the planning system in England and Wales. Agricultural land is classified into five categories according to versatility and suitability for growing crops. The top three grades 1, 2 and 3a are considered the best and most versatile land, 3b – 5 are considered moderate to very poor.	Contact Natural England for further information
Radon 1 to 3%	Employers are required by the Management of Health and Safety at Work Regulations 1999 to assess risks from radon in workplaces. You may therefore wish to contact the Health Protection Agency for further information regarding radon monitoring.	Contact the Public Health England for further information regarding radon monitoring.
Ground Instability Hazard	As a potential ground instability hazard was identified, you may wish to consult a local RICS accredited surveyor and/or review any available geotechnical surveys.	Contact RICS accredited Surveyor for further guidance
Overhead Transmission Lines	Overhead transmission lines are located within 50m of the Site (please refer to the Current Land Use maps to determine specific locations).	Contact the Public Health England for further information

Generic Guidance

Item	Summary	Suggested Action
Energy Performance Certificate	Under the Energy Performance of Buildings (England and Wales) Regulations 2012 and the Energy Performance of Buildings (Scotland) Regulations 2008, there is a requirement for all buildings to have an Energy Performance Certificate (EPC) upon their construction, sale or lease (and in some cases when the building is modified).	Check EPC or conduct energy assessment
Operational Compliance	Such liabilities may arise if the Site is in commercial/industrial use and both the Site and the business are being purchased, or the Site is to be purchased as an investment with an operational business as a tenant.	Compliance audit
Silage, Slurry, Oil, Storage (Farms)	Under the Control of Pollution (Silage, Slurry and Agricultural Fuel Oil) Regulations 1991, silage, slurry or fuel storage facilities constructed after March 1991 have to be designed and built to minimum standards to prevent the pollution of Controlled Waters.	Compliance Audit
Above and Below Ground Storage	It is common for agricultural premises to store a variety of substances in above ground and underground storage tanks (ASTs and USTs). Most commonly red diesel, heating oil and occasionally petrol on larger estates. There is no reliable database of underground storage tanks nor are all above ground tanks marked on historical maps.	Check all tanks and surrounding land for signs of leaks or spills, such as stained ground or vegetation die-back
Tree Preservation Orders / Hedgerows	The objective of a TPO is to protect trees that make a significant impact on their surroundings (important feature within the local landscape or an historical association within the local area). If a tree has an associated TPO then it is an offence to cut down, prune, uproot, wilfully damage or destroy it. Under The Town and Country Planning (Tree Preservation) (England) Regulations 2012, the existing regulations have continued for England and Wales. Farms situated in Wales will follow guidance regulated by the Welsh Assembly Government.	Contact the Local Planning Authority for further information
Hedgerow Regulations 1997	The Hedgerow Regulations came into force in 1997 to protect the most important hedges in the countryside from being removed. The regulations apply to hedges which are more than 20 metres long or which meet another hedgerow at either end. If you remove a hedgerow without permission you are liable to an unlimited fine and may have to replace the hedgerow.	Contact the Local Planning Authority for further information
Change of Use Redevelopment	Proposed changes in land use require permission from the Local Authority and are subject to conditions as part of the statutory planning process.	Contact local planning authority or speak with planning consultant

Whilst this assessment is primarily a desktop assessment of potential soil and groundwater liabilities, the above potential liability considerations that fall outside the scope of the Risk Analysis Methodology have been identified.

Additional sources of information may be available for the Site. These sources could include previous environmental reports (including audits, contaminated land investigation and remediation reports), valuation reports (including property observation checklists), a Land Quality Record, and property deeds. Argyll Environmental would be pleased to review any reports that are available and revise this report accordingly. This may entail additional fees depending upon the volume and complexity of information available. Please contact us for further information.

Contents of the Data Section

Section	Description
Tabular Summary	<p>This section presents a tabular summary of information found for the Site and surrounding area. The data is presented in three buffer zones for ease of reference: data found at the Site, from 1-250m and from 251-500m.</p> <p>If a database has been searched the number of records found will be displayed under the relevant search band. If a database is not available or has not been searched, this will be represented by the abbreviation N/A under the relevant search band.</p>
Current Land Use Mapping	<p>This section provides information on current land uses and is divided into three sections, statutory information, waste and current industrial uses. It is preceded by two maps.</p>
Statutory Information	<p>This section presents detailed statutory information for the Site and surrounding area (up to 500m depending upon dataset). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Waste	<p>This section presents detailed information on waste and landfill sites for the Site and surrounding area (up to 500m depending upon dataset). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Current Industrial Land Use	<p>This section presents detailed information on current land use for the Site and surrounding area (0-250m). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Historical Land Use Mapping	<p>The Historical Land Use Map presents 1:10,000 scale and selected 1:2,500 scale (tanks and energy facilities) historical land use information within 250m of the Site boundary.</p>
Historical Land Use	<p>This section presents selected information on historical land use for the Site and surrounding area (0-250m). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Aquifer Designations and Geology	<p>This section is preceded by two maps that present information relating to the aquifer designations beneath the Site. The first of these maps indicates the designation of the Superficial geology. The second map presents the aquifer designation of the solid geology.</p> <p>These maps are followed by detailed information in relation to aquifer designations/groundwater vulnerability and geology at the Site and surrounding area (0-500m).</p> <p>If no data is identified then the section will be omitted.</p>
Environmental Sensitivity	<p>This section presents detailed information on the environmental sensitivity of the Site and surrounding area (up to 500m depending upon dataset) and is preceded by two maps. The first shows areas with statutory designations, the second shows source protection zones. The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Natural and Mining Related Hazards	<p>This section contains information on natural and mining related hazards which may affect the Site. These include subsidence, radon and mining.</p> <p>If no data is identified then the section will be omitted.</p>
Farm Specific Issues	<p>This section firstly presents data relating to designated features and areas that may be present on or in proximity to a farm and could affect or restrict farming operations (e.g. listed buildings, heritage sites etc.).</p> <p>If no data is identified then the section will be omitted.</p>

Soil Chemistry

This section is preceded by five maps that present information relating to the concentrations of Arsenic, Cadmium, Chromium, Lead and Nickel within soils beneath the farm and surrounding area. The maps are immediately followed by the detailed data.

If no data is identified then the section will be omitted.

Flooding Risk Information

This section presents information relating to the four main types of flooding – River flooding, Coastal/tidal flooding, surface water flooding and groundwater flooding. Some of this data will be preceded by an associated map.

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Tabular Summary

Statutory Information

Authorisations	On-site	1-250m	251-500m
Local Authority Pollution Prevention and Controls	0	0	N/A
Local Authority Integrated Pollution Prevention and Controls	0	0	N/A
Integrated Pollution Controls	0	0	N/A
Integrated Pollution Prevention And Control	0	0	N/A
Registered Radioactive Substances	0	0	N/A
Discharges	On-site	1-250m	251-500m
Discharge Consents	0	7	N/A
Water Industry Act Referrals	0	0	N/A
Control of Major Accident Hazards Sites	0	0	0
Explosive Sites	0	0	0
Notification of Installations Handling Hazardous Substances	0	0	0
Planning Hazardous Substance Consents	0	0	0
Contraventions	On-site	1-250m	251-500m
Contaminated Land Register Entries and Notices	0	0	N/A
Local Authority Pollution Prevention and Control Enforcements	0	0	N/A
Enforcement and Prohibition Notices	0	0	N/A
Planning Hazardous Substance Enforcements	0	0	0
Substantiated Pollution Incident Register	0	0	0
Prosecutions Relating to Authorised Processes	0	0	N/A
Prosecutions Relating to Controlled Waters	0	0	N/A

Waste

Waste/Landfill Sites	On-site	1-250m	251-500m
BGS Recorded Landfill Sites	0	0	0
Integrated Pollution Control Registered Waste Sites	0	0	N/A
Licensed Waste Management Facilities (Landfill Boundaries)	0	0	N/A
Licensed Waste Management Facilities (Locations)	0	0	0
Local Authority Recorded Landfill Sites	1	0	0
Registered Landfill Sites	0	0	0
Registered Waste Transfer Sites	0	0	N/A
Registered Waste Treatment or Disposal Sites	0	0	N/A
Historical Landfill Sites	1	0	0

Current Land Use

Current Potentially Contaminative Uses	On-site	1-250m	251-500m
Contemporary Trade Directory Entries	0	0	N/A
Fuel Station Entries	0	0	N/A
Other Features	On-site	1-250m	251-500m
Overhead Transmission Lines	1	0	N/A

Historical Land Use

Historical Potentially Contaminative Uses	On-site	1-250m	251-500m
Potentially Contaminative Industrial Uses (Past Land Use)	3	3	N/A
Historical Tanks And Energy Facilities	1	1	N/A

Historical Land Use

Potentially Infilled Land	On-site	1-250m	251-500m
Former Marshes	0	0	N/A
Potentially Infilled Land (Non-Water)	2	1	N/A
Potentially Infilled Land (Water)	0	0	N/A

Groundwater Vulnerability

Hydrogeology	On-site	1-250m	251-500m
Superficial Aquifer Designations	4	2	0
Bedrock Aquifer Designations	16	13	0
Geology	On-site	1-250m	251-500m
BGS 1:625,000 Solid Geology	2	N/A	N/A

Environmental Sensitivity

Environmental Sensitivity	On-site	1-250m	251-500m
Areas of Outstanding Natural Beauty	0	0	N/A
Environmentally Sensitive Areas	0	0	N/A
Forest Parks	0	0	N/A
Local Nature Reserves	0	0	0
Marine Nature Reserves	0	0	0
National Nature Reserves	0	0	0
National Parks	0	0	N/A
National Scenic Areas	0	0	N/A
Nitrate Sensitive Areas	0	N/A	N/A
Nitrate Vulnerable Zones	3	N/A	N/A
Ramsar Sites	0	0	0
River Quality Biology Sampling Points	0	0	N/A
River Quality Chemistry Sampling Points	0	0	N/A
Nearest Surface Water Feature	1	0	N/A
Sites of Special Scientific Interest	0	0	0
Special Areas of Conservation	0	0	0
Special Protection Areas	0	0	0
Water Abstractions	0	3	6
Source Protection Zones	3	0	N/A

Natural and Mining Related Hazards

Subsidence	On-site	1-250m	251-500m
Collapsible Ground Stability Hazards	1	0 ²	N/A
Compressible Ground Stability Hazards	1	0	N/A
Ground Dissolution Stability Hazards	1	1	N/A
Landslide Ground Stability Hazards	1	0	N/A
Running Sand Ground Stability Hazards	1	1	N/A
Shrinking or Swelling Clay Subsidence Hazards	1	1	N/A
Non-Coal Mining Hazards	0	0	N/A
Radon	On-site	1-250m	251-500m
Radon Potential	1	N/A	N/A
Radon Protection Measures	1	N/A	N/A

²Ground stability hazards are only searched to a radius of 50m from the Site boundary.

Natural and Mining Related Hazards

Mining	On-site	1-250m	251-500m
Brine Compensation Areas	0	N/A	N/A
Coal Mining Affected Areas	0	N/A	N/A
Natural and Mining Cavities	0	1	N/A
Mining Instability	0	0	N/A
BGS Recorded Mineral Sites	1	0	N/A

Farm Specific Issues

Farm Specific Issues	On-site	1-250m	251-500m
Listed Buildings	0	3	12
World Heritage Sites	0	0	0
Scheduled Monuments	1	0	0
Historic Battlefields	0	0	0
Historic Landscapes	0	0	0
Country Parks	0	0	0
Ancient Woodlands	0	0	1
Soils	On-site	1-250m	251-500m
BGS Soil Chemistry Arsenic	2	0	0
BGS Soil Chemistry Cadmium	1	0	0
BGS Soil Chemistry Chromium	1	1	0
BGS Soil Chemistry Lead	1	0	0
BGS Soil Chemistry Nickel	3	0	0

Flooding

Current Flood Risk	On-site	1-250m	251-500m
Flooding From Rivers or Sea	1	0	0
Flooding From Rivers or Sea (in an Extreme Event)	1	0	2
Areas Benefiting from Flood Defences	0	0	0
Flood Water Storage Areas	0	0	0
Flood Defences	0	2	3
Risk of Flooding from Rivers and Sea	0	3	0
Groundwater Flood Risk	3	0	0
Surface Water Flooding (1:75 year rainfall event)	2	1	0
Surface Water Flooding (1:200 year rainfall event)	2	1	0
Surface Water Flooding (1:1,000 year rainfall event)	2	1	0
Dam or Reservoir Failure	1	0	0
Historical Flooding	On-site	1-250m	251-500m
Historical Flood Events	0	0	1
Geological Indicators of Flooding	2	0	0
Other Flood Information	On-site	1-250m	251-500m
Surface Water Feature	0	5	4
MasterMap Water Network	31	11	21

Tabular Summary Explanation

Argyll has carefully selected a range of datasets which are considered appropriate for the intended use of this report. Each dataset is searched to a set radius from the Site boundary and the tabular summary is divided into different search bands accordingly. If a database is searched and information is found, then the number of records available are detailed in the table above. If the database was searched and no data was found, then a zero will be present. If a database was not searched then the abbreviation N/A will be found, indicating this information was not available at the radius searched.

Landfill Site Information

Registered landfill site boundaries (where available), are shown on the map as a red diagonal hatched polygon and referred to in the map legend as Registered Landfill Sites. At present no complete national dataset exists for landfill site boundaries, therefore a point grid reference provided by the data supplier is used for some landfill sites. The point grid references supplied provide only an approximate position, and can vary from the site entrance to the centre of the site. A point cannot properly define landfill boundaries therefore Landmark constructs a 250 metre or 100 metre "buffer" zone around the point to warn of the possible presence of landfill. The "buffer" zone is shown on the map as an orange crosshatched area and is referred to in the map legend as Potential Landfill Buffer.

Local Authority landfill data is sourced from individual local authorities that were able to provide information on sites operating prior to the introduction of the Control of Pollution Act (COPA) in 1974. Appropriate authorities are listed under Local Authority Landfill Coverage with an indication of whether or not they were able to make landfill data available. Details of any records identified are disclosed. You should be aware that if the local authority had landfill data but passed it to the relevant Environment Agency office, it does not necessarily mean that local authority landfill data is now included in our other Landfill datasets. In addition if no data has been made available for all or part of the search area, you should be aware that a negative response under 'Local Authority Recorded Landfill Sites' does not necessarily confirm that no local authority landfills exist.

Subsidence Hazards

Information on subsidence hazards is provided by the British Geological Survey (BGS). Information present within 250m of the Site is reported under Natural and Mining Related Hazards. Due to the level of detail of this data and the complexities of the real world, the BGS recommends a precautionary approach when using this information and advises taking the worst reading noted for each dataset within the vicinity of a property. Therefore, Argyll reports the presence of a ground stability or non-coal related mining hazard in the Risk Analysis section based on the highest reading found within 50m of the Site boundary.

Statutory Information

Discharges

Discharge Consents

Map ID	Details	Distance	Direction
1	Operator: Mr & Mrs M Ball, Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES), Location: Folly Farm Newstead, Uffington, Stamford, Lincs, Pe9 4te, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Pmnlf02727, Permit Version: 1, Effective Date: 8th May 1990, Issued Date: 8th May 1990, Revocation Date: 1st October 1996, Discharge Type: Unknown, Discharge Environment: Onto Land, Receiving Water: Land, Status: Post National Rivers Authority Legislation where issue date > 31/08/1989, Positional Accuracy: Located by supplier to within 100m.	99m	SW
2	Operator: Mr P Breslin, Property Type: Domestic Property (Single), Location: Kimberley Essendine Road, Uffington, Stamford, Lincolnshire, Pe9 4sr, Authority: Environment Agency, Anglian Region, Catchment Area: Ram Dyke / Maxey Cut, Permit Ref: Pmnnf12456, Permit Version: 1, Effective Date: 8th September 2000, Issued Date: 18th June 2000, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: Tributary Of The River Glen, Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995), Positional Accuracy: Located by supplier to within 10m.	132m	SE
3	Operator: Mr T E Story, Property Type: Not Supplied, Location: Office Accommodation At Cobbs Nook Belmsthorpe, Stamford, Lincs, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Pr5lf3924, Permit Version: 1, Effective Date: 6th March 1984, Issued Date: 6th March 1984, Revocation Date: 11th September 1997, Discharge Type: Unknown, Discharge Environment: Onto Land, Receiving Water: Land, Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989, Positional Accuracy: Located by supplier to within 10m.	176m	W
4	Operator: Mr Albert Noble, Property Type: Domestic Property (Single), Location: Manderlay Greatford Road, Uffington, Stamford, Lincolnshire, Pe9 4ss, Authority: Environment Agency, Anglian Region, Catchment Area: West Glen River / River Tham, Permit Ref: Eprpp3923kk, Permit Version: 1, Effective Date: 21st December 2011, Issued Date: 21st December 2011, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: Trib Of River Welland, Status: New issued under EPR 2010, Positional Accuracy: Located by supplier to within 10m.	184m	SE
5	Operator: Mr & Mrs D M Laughton, Property Type: Domestic Property (Single), Location: Briardene Newstead Lane, Belmesthorpe, Stamford, Pe9 4jj, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Pr5lf5075, Permit Version: 1, Effective Date: 3rd September 1985, Issued Date: 3rd September 1985, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: Ditch, Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989, Positional Accuracy: Located by supplier to within 10m.	205m	W
6	Operator: Mr J Naylor, Property Type: Domestic Property (Single), Location: Grange Farmhouse Plots C-F Grange Farm, Greatford Road, Uffington, Stamford, Pe9 4st, Authority: Environment Agency, Anglian Region, Catchment Area: West Glen River / River Tham, Permit Ref: Pmnnf18637, Permit Version: 1, Effective Date: 30th October 2006, Issued Date: 1st November 2006, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: Unnamed Tributary Of The Westr, Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995), Positional Accuracy: Located by supplier to within 10m.	230m	NE

Discharge Consents

Map ID	Details	Distance	Direction
7	Operator: Mr J Naylor, Property Type: Domestic Property (Single), Location: Grange Farmhouse Plots C-F Grange Farm, Greatford Road, Uffington, Stamford, Pe9 4st, Authority: Environment Agency, Anglian Region, Catchment Area: West Glen River / River Tham, Permit Ref: Pmnf18638, Permit Version: 1, Effective Date: 30th October 2006, Issued Date: 1st November 2006, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: Unnamed Tributary Of The Westr, Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995), Positional Accuracy: Located by supplier to within 10m.	230m	NE

Waste

Waste/Landfill Sites

Local Authority Landfill Coverage

South Kesteven District Council - Has supplied landfill data

Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency

Rutland Unitary Council - Has supplied landfill data

Peterborough City Unitary Council - Has supplied landfill data

Local Authority Recorded Landfill Sites

Map ID	Details	Distance	Direction
9	Location: Essendine Road, Uffington, Reference: 3, Authority: South Kesteven District Council, Environmental Health, Last Reported Status: Closed, Types of Waste: Dry Domestic, Construction, Waste Subject To Dpw Act, Date of Closure: 1979, Boundary Quality: Moderate, Positional Accuracy: Positioned by the supplier.	On Site	E

Historical Landfill Sites

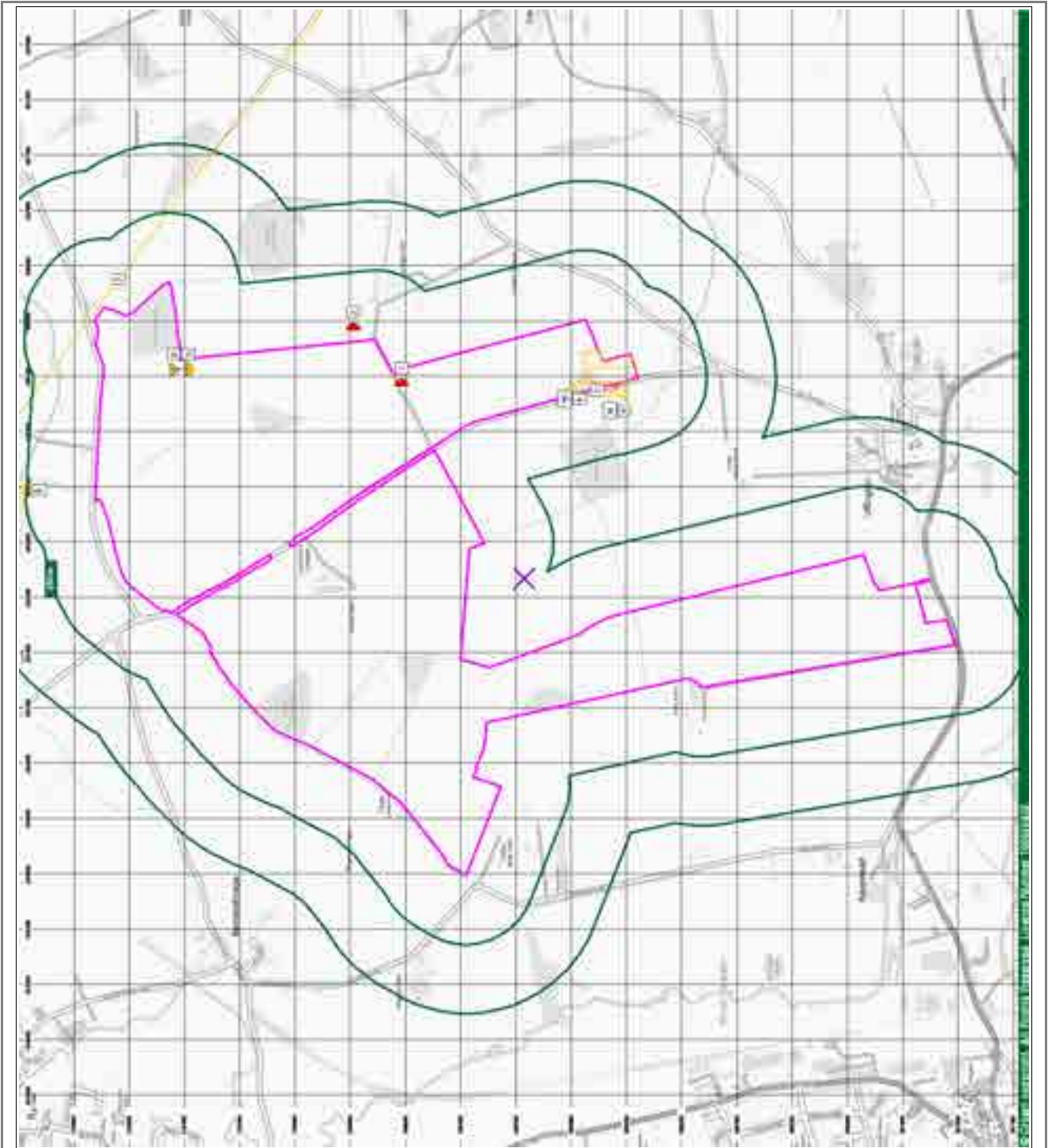
Map ID	Details	Distance	Direction
8	Licence Holder: Not Supplied, Location: Uffington, Lincolnshire, Name: Essendine Road, Operator Location: Not Supplied, Boundary Accuracy: As Supplied, Provider Reference: EAHLD00303, First Input Date: Not Supplied, Last Input Date: Not Supplied, Specified Waste Type: Deposited Waste included Household Waste, EA Waste Ref: 0, Regis Ref: Not Supplied, WRC Ref: Not Supplied, BGS Ref: Not Supplied, Other Ref: RD6-3-01/89, SK-3-01/89, 2500/5337	On Site	E

Current Land Use

Other Features

Overhead Transmission Lines

Map ID	Details	Distance	Direction
11	Feature location.	On Site	N



Historical Land Uses within 250m

- General**
 - Site Boundary
 - Search Buffer
 - Bearing Reference Point
 - Grid Lines
 - Reference Number
- Potentially Contaminative Uses**
 - Point Feature
 - Area Feature
 - Line Feature
- Potentially Infilled Land**
 - Point Feature
 - Area Feature
 - Line Feature
- Former Manholes**
 - Point Feature
 - Area Feature
 - Line Feature
- Historical Tanks and Energy Facilities**
 - Point Feature

Historical Land Use

Historical Potentially Contaminative Uses

Historical Tanks and Energy Facilities

Map ID	Details	Distance	Direction
1	Tanks, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	On Site	NE
2	Tanks, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	50m	NE

Potentially Contaminative Industrial Uses (Past Land Use)

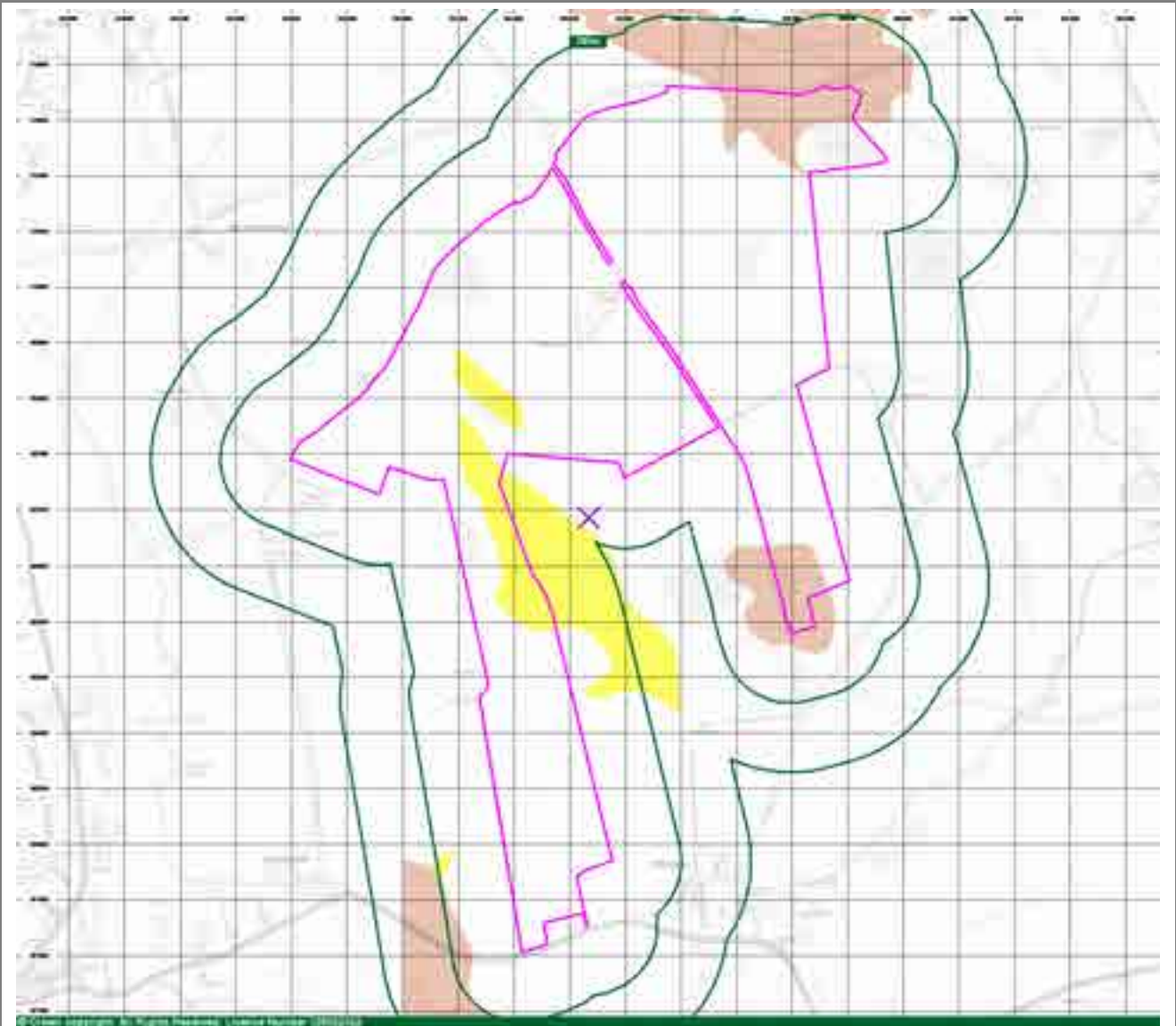
Map ID	Details	Distance	Direction
3	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1892.	On Site	NE
4	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1932-1958.	On Site	E
5	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1891-1958.	On Site	E
6	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1932-1958.	14m	SE
7	Railways, Date of Mapping: 1891-1979.	17m	NE
8	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1983.	218m	N

Potentially Infilled Land

Potentially Infilled Land (Non-Water)

Map ID	Details	Distance	Direction
10	Unknown Filled Ground (Pit, quarry etc), Date of Mapping: 1979.	On Site	E
9	Unknown Filled Ground (Pit, quarry etc), Date of Mapping: 1983.	On Site	NE
11	Unknown Filled Ground (Pit, quarry etc), Date of Mapping: 1979.	14m	SE

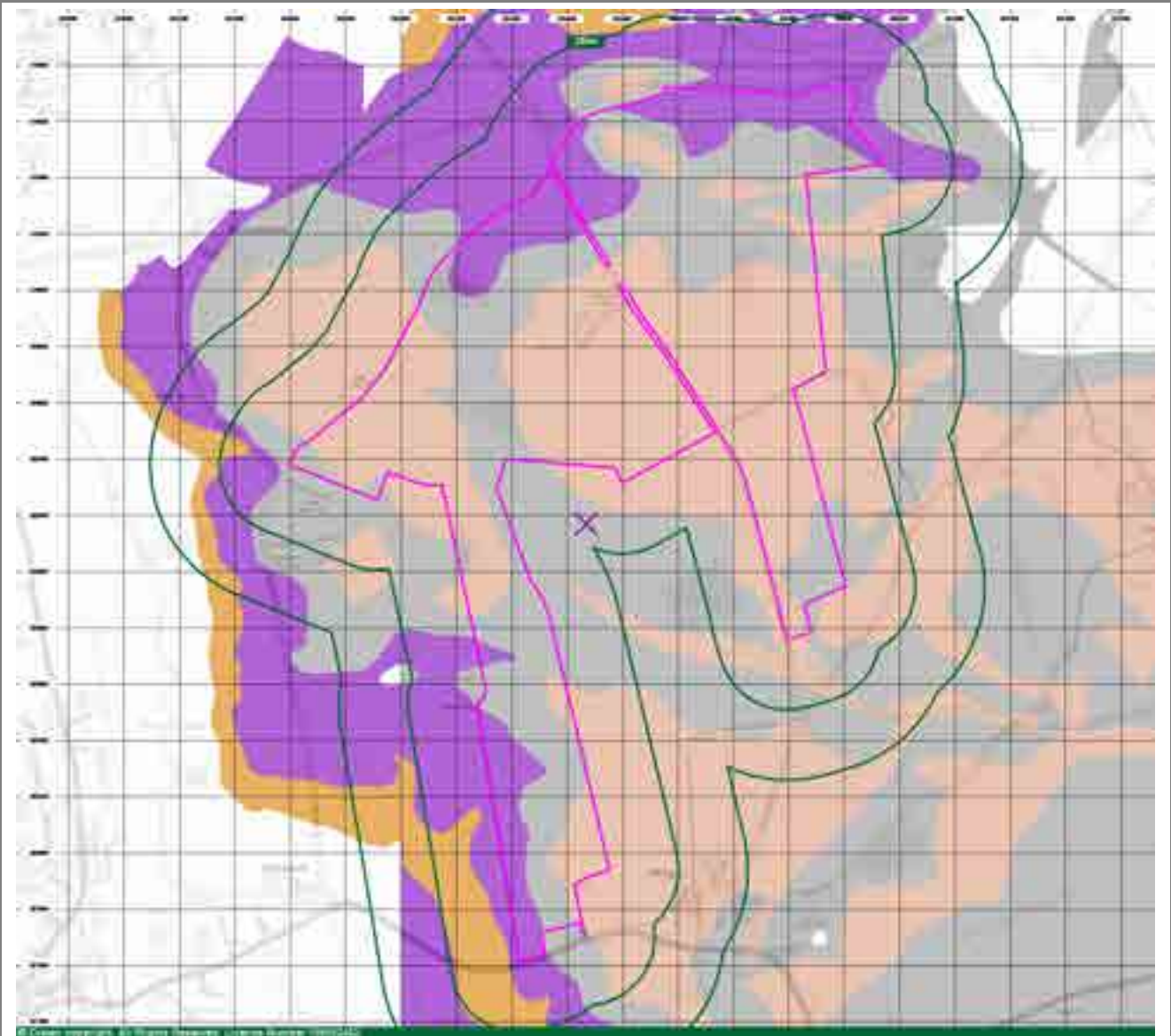
Aquifer Designation (Superficial)



Aquifer Designations

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Aquifer Designation (Bedrock)



Aquifer Designations

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Groundwater Vulnerability

Hydrogeology

Superficial Aquifer Designations

Map ID	Details	Distance	Direction
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	N
	<p>Secondary Aquifer - Undifferentiated</p> <p>These aquifers have a variable permeability, yielding varying amounts of groundwater at different locations but not capable of supporting water supplies at a more than a local scale.</p>	On Site	SW
	<p>Secondary Aquifer - Undifferentiated</p> <p>These aquifers have a variable permeability, yielding varying amounts of groundwater at different locations but not capable of supporting water supplies at a more than a local scale.</p>	On Site	NW
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	E
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	177m	SW
	<p>Secondary Aquifer - Undifferentiated</p> <p>These aquifers have a variable permeability, yielding varying amounts of groundwater at different locations but not capable of supporting water supplies at a more than a local scale.</p>	181m	S

Bedrock Aquifer Designations

Map ID	Details	Distance	Direction
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	W
	<p>Unproductive Strata</p> <p>The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.</p>	On Site	N
	<p>Unproductive Strata</p> <p>The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.</p>	On Site	NE
	<p>Principal Aquifer</p> <p>These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.</p>	On Site	NW
	<p>Principal Aquifer</p> <p>These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.</p>	On Site	NW
	<p>Principal Aquifer</p> <p>These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.</p>	On Site	SW

Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	On Site	NW
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	On Site	-
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	On Site	W
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	W
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	NE
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	NE
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	N
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	N
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	N
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	NE
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	6m	E
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	28m	N
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	36m	SW
Secondary Aquifer - B These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.	37m	SW

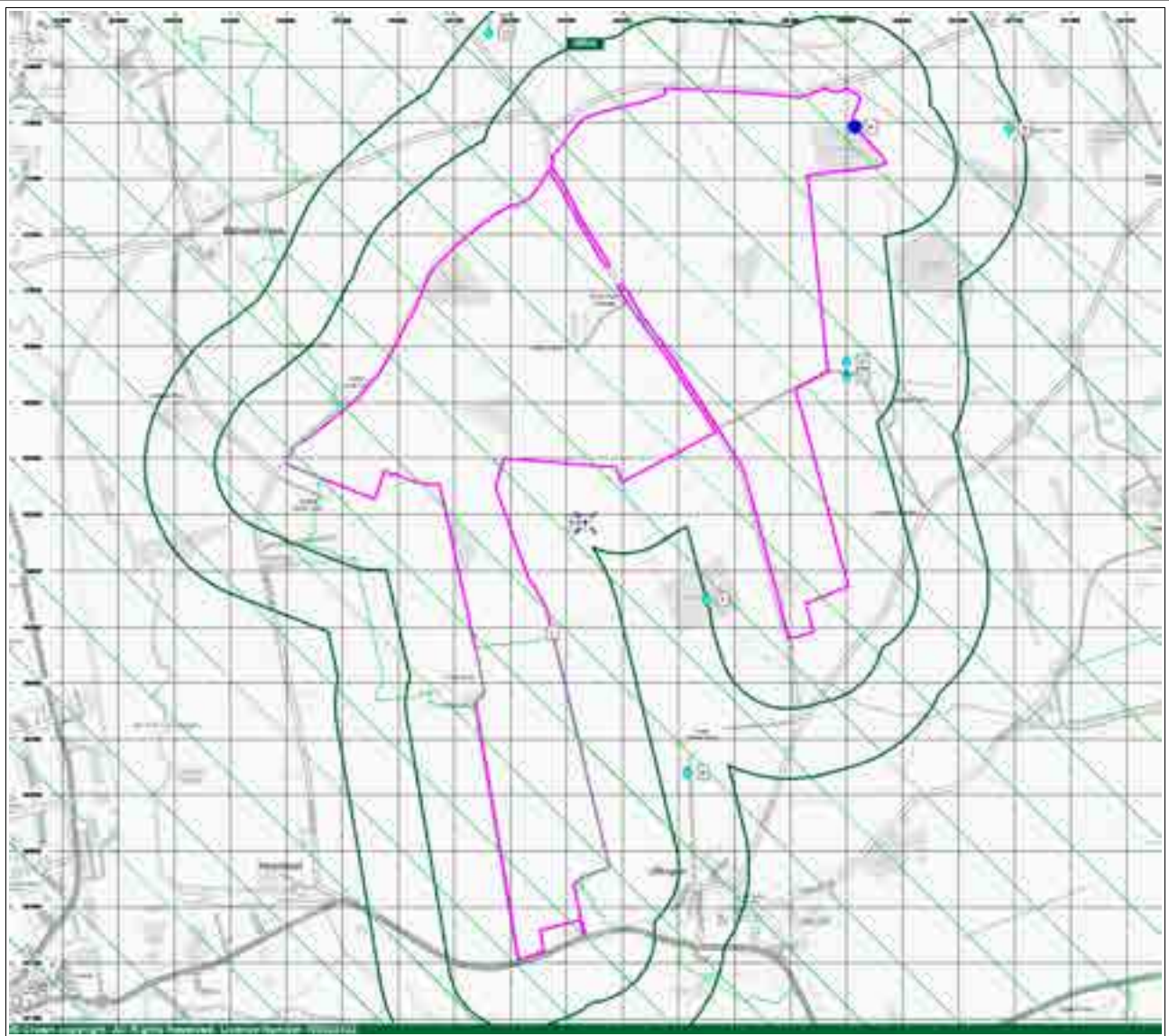
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	56m	NW
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	80m	NW
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	100m	W
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	117m	NW
Secondary Aquifer - B These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.	148m	SW
Secondary Aquifer - B These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.	204m	N
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	225m	NW
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	228m	SW
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	236m	SW

Geology

BGS 1:625,000 Solid Geology

Map ID	Details	Distance	Direction
	Kellaways Formation And Oxford Clay Formation (Undifferentiated).	On Site	E
	Great Oolite Group.	On Site	-

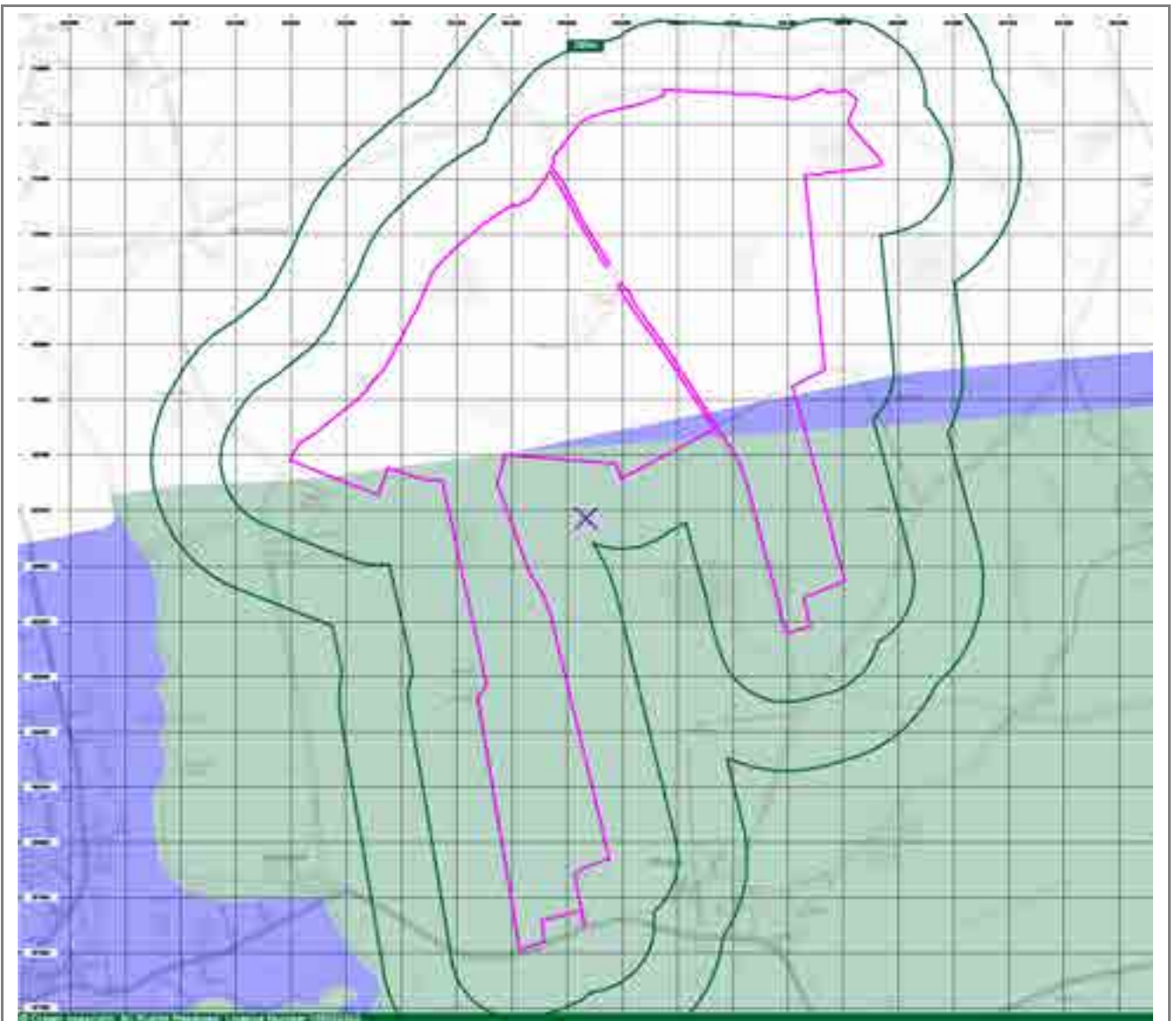
Sensitive Land Uses














Sensitive Land Uses

- | | | |
|------------------------------------|-------------------------|-------------------------------------|
| Site Boundary | Local Nature Reserve | Ramsar Site |
| Search Buffer | Marine Nature Reserve | Nearest Surface Water Feature |
| Bearing Reference Point | National Nature Reserve | Site of Special Scientific Interest |
| N | National Park | Special Area of Conservation |
| Area of Outstanding Natural Beauty | National Scenic Area | Special Protection Area |
| Environmentally Sensitive Area | Nitrate Sensitive Area | Water Abstraction |
| Forest Park | Nitrate Vulnerable Zone | Historical Flood Liability |

Source Protection Zones



Source Protection Zones

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  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)

Environmentally Sensitive Features

Nitrate Vulnerable Zones

Map ID	Details	Distance	Direction
1	Name: River Welland Nvz, Description: Surface Water, Source: Environment Agency, Head Office.	On Site	S
2	Name: Lincolnshire Limestone, Description: Groundwater, Source: Environment Agency, Head Office.	On Site	-
3	Name: Glen Nvz, Description: Surface Water, Source: Environment Agency, Head Office.	On Site	-

Nearest Surface Water Feature

Map ID	Details	Distance	Direction
4	Surface water feature identified in proximity.	On Site	NE

Water Abstractions

Map ID	Details	Distance	Direction
5	Operator: J C H Tufts Esq, Licence Number: 7/34/13/*s/199, Permit Version: Not Supplied, Location: Reservoir Near Hill Farm, Welbourne, RUNHALL, Authority: Environment Agency, Anglian Region, Abstraction: Frost Protection, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 19, Yearly Rate (m ³): 1250000, Status: Revoked, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 100m.	68m	NE
6	Operator: J C H Tufts Esq, Licence Number: 7/34/13/*s/199, Permit Version: Not Supplied, Location: Reservoir Near Hill Farm, Welbourne, RUNHALL, Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 19, Yearly Rate (m ³): 1250000, Status: Revoked, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 100m.	68m	NE
7	Operator: H. Hirst, Licence Number: 5/31/11/*g/012b, Permit Version: Not Supplied, Location: Catchpit At, UFFINGTON, Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Catchpit, Catchment Tank or Collecting Tank, Daily Rate(m ³): 1, Yearly Rate (m ³): 6360, Status: Revoked, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	249m	SE
	Operator: Mr H E Parkinson, Licence Number: 5/31/11/*s/023, Permit Version: Not Supplied, Location: River Glen, Broadholme Farm , Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 4, Yearly Rate (m ³): 750000, Status: Perpetuity, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	281m	N
8	Operator: Henry Hirst Farms, Licence Number: 5/31/11/*G/0012a, Permit Version: 100, Location: Borehole At Uffington, Authority: Environment Agency, Anglian Region, Abstraction: General Agriculture: Spray Irrigation - Direct, Abstraction Type: Water may be abstracted from a single point, Source: Groundwater, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, Miscellaneous Jurassic; Status: Perpetuity, Authorised Start: 01 May, Authorised End: 30 September, Permit Start Date: 1st March 1995, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	351m	S
	Operator: C E P Potatoes Ltd, Licence Number: 5/31/13/*S/0082, Permit Version: 100, Location: River Welland At Barnack, Authority: Environment Agency, Anglian Region, Abstraction: General Agriculture: Spray Irrigation - Direct, Abstraction Type: Water may be abstracted from a single point, Source: Surface, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, Status: Temporary, Authorised Start: 01 May, Authorised End: 30 September, Permit Start Date: 1st December 1994, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	419m	S

Water Abstractions

Map ID	Details	Distance	Direction
	Operator: C E P Potatoes Ltd, Licence Number: 5/31/13/**/071, Permit Version: Not Supplied, Location: Gravel Pits At, BARNACK, Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 20, Yearly Rate (m ³): 500000, Status: Revoked, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	424m	S
9	Operator: J O Flint, Licence Number: 5/31/11/*G/0036, Permit Version: 100, Location: Bore Or Well At Maidens' Farm, Authority: Environment Agency, Anglian Region, Abstraction: General Farming And Domestic, Abstraction Type: Water may be abstracted from a single point, Source: Groundwater, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, Northampton Sanstone; Status: Perpetuity, Authorised Start: 01 January, Authorised End: 31 December, Permit Start Date: 1st January 1966, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 100m.	457m	NE
10	Operator: H E Parkinson, Licence Number: 5/31/11/*G/0024, Permit Version: 100, Location: Bore, Essendine, N Lodge Farm, Authority: Environment Agency, Anglian Region, Abstraction: General Farming And Domestic, Abstraction Type: Water may be abstracted from a single point, Source: Groundwater, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, South Lincolnshire Limestone; Status: Perpetuity, Authorised Start: 01 January, Authorised End: 31 December, Permit Start Date: 1st April 1986, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	483m	N

Source Protection Zones

Map ID	Details	Distance	Direction
	Name: , 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.	On Site	-
	Name: , Source: Environment Agency, Head Office, Reference: Not Supplied, Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	On Site	-
	Name: , Source: Environment Agency, Head Office, Reference: Not Supplied, Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	On Site	S

Natural and Mining Related Hazards

Subsidence

Collapsible Ground Stability Hazards

Details	Distance	Direction
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	-

Compressible Ground Stability Hazards

Details	Distance	Direction
Risk: Moderate, Source: British Geological Survey, National Geoscience Information Service.	On Site	N

Ground Dissolution Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	N
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	49m	S

Landslide Ground Stability Hazards

Details	Distance	Direction
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	N

Running Sand Ground Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	NE
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	6m	E

Shrinking or Swelling Clay Subsidence Hazards

Details	Distance	Direction
Risk: Moderate, Source: British Geological Survey, National Geoscience Information Service.	On Site	N
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	49m	S

Radon

Radon Potential

Details	Distance	Direction
The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level), Source: British Geological Survey, National Geoscience Information Service.	On Site	NE

Radon Protective Measures

Details	Distance	Direction
None, Source: British Geological Survey, National Geoscience Information Service.	On Site	NE

Mining

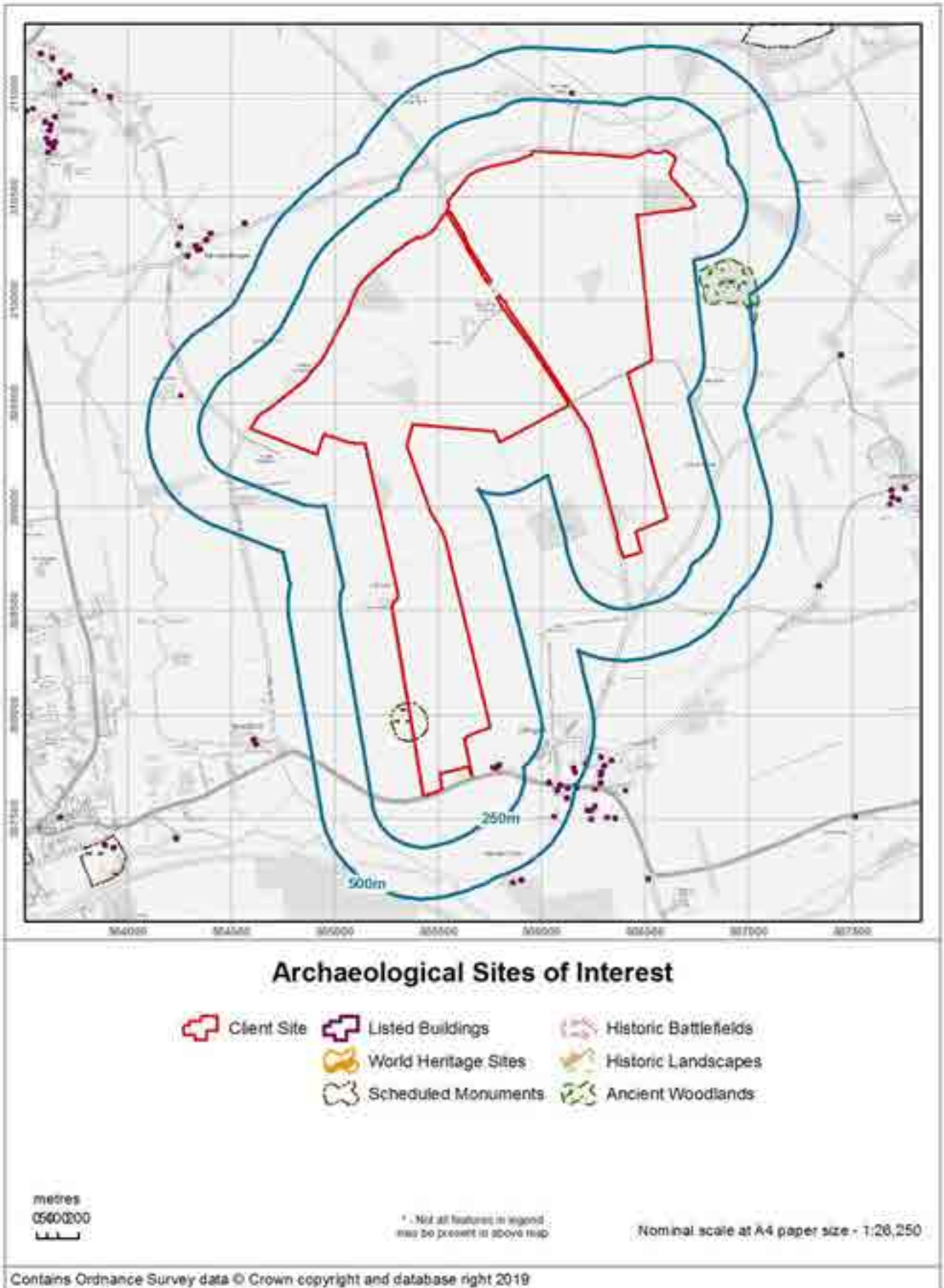
Natural and Mining Cavities

Details	Distance	Direction
Cavity Type: Gulls/Fissures due to Cambering x 4, Origin: , Cavity Number: , Commodity: , Positional Accuracy: .	129m	SW

BGS Recorded Mineral Sites

Map ID	Details	Distance	Direction
10	Site Name: Uffington Gravel Pit, Site Location: Uffington, Stamford, Lincolnshire, Source: British Geological Survey, National Geoscience Information Service, Reference: 136322, Type: Opencast, Status: Ceased, Operator: Unknown Operator, Operator Location: Not Supplied, Periodic Type: Quaternary, Geology: Glaciofluvial Deposits, Mid Pleistocene, Commodity: Sand and Gravel, Positional Accuracy: Located by supplier to within 10m.	On Site	SE

Farm Specific Issues



Farm Specific Issues

Listed Buildings

Details	Distance	Direction
List Entry: 1062586, Name: OLD BAKEHOUSE AND STORE TO WEST HALL FARM, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 05766 07748, Capture Scale: 1:2500, Easting: 505766, Northing: 307748, Area (hectares): 0	105.3m	E
List Entry: 1360224, Name: WEST HALL FARMHOUSE, Grade: II, List Date: 30/10/1968, Amend Date: , NGR: TF 05780 07743, Capture Scale: 1:2500, Easting: 505780, Northing: 307743, Area (hectares): 0	117.4m	E
List Entry: 1062585, Name: BARN AT WEST HALL FARM, Grade: II, List Date: 30/10/1968, Amend Date: , NGR: TF 05794 07758, Capture Scale: 1:2500, Easting: 505794, Northing: 307758, Area (hectares): 0	134.9m	E
List Entry: 1164869, Name: BANTHORPE LODGE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06147 11002, Capture Scale: 1:2500, Easting: 506147, Northing: 311002, Area (hectares): 0	287.5m	N
List Entry: 1062587, Name: AYTON HOUSE AND HOME FARMHOUSE, Grade: II, List Date: 30/10/1968, Amend Date: 22/06/1987, NGR: TF 06036 07676, Capture Scale: 1:2500, Easting: 506036, Northing: 307676, Area (hectares): 0	369.6m	E
List Entry: 1320351, Name: BELMESTHORPE GRANGE, Grade: II, List Date: 17/12/1984, Amend Date: , NGR: TF 04257 09540, Capture Scale: 1:2500, Easting: 504257, Northing: 309540, Area (hectares): 0	371.7m	NW
List Entry: 1062592, Name: GARDEN LODGE COTTAGE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06078 07636, Capture Scale: 1:2500, Easting: 506078, Northing: 307636, Area (hectares): 0	416.3m	E
List Entry: 1062588, Name: THE OLD POST OFFICE AND POLLYS COTTAGE, Grade: II, List Date: 06/09/1974, Amend Date: 22/06/1987, NGR: TF 06090 07662, Capture Scale: 1:2500, Easting: 506090, Northing: 307662, Area (hectares): 0	424.7m	E
List Entry: 1360225, Name: PEDESTRIAN GARDEN GATEWAY TO DEMOLISHED UFFINGTON HOUSE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06058 07510, Capture Scale: 1:2500, Easting: 506058, Northing: 307510, Area (hectares): 0	436.8m	SE
List Entry: 1062590, Name: CHURCH OF ST MICHAEL AND ALL ANGELS, Grade: I, List Date: 30/10/1968, Amend Date: , NGR: TF 06155 07743, Capture Scale: 1:2500, Easting: 506155, Northing: 307743, Area (hectares): 0	446.5m	SE
List Entry: 1062591, Name: TOMB TO SOUTH OF CHURCH OF ST. MICHAEL AND ALL ANGELS, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06162 07725, Capture Scale: 1:2500, Easting: 506162, Northing: 307725, Area (hectares): 0	460.8m	SE
List Entry: 1062593, Name: MILEPOST IN CENTRE OF VILLAGE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06125 07647, Capture Scale: 1:2500, Easting: 506125, Northing: 307647, Area (hectares): 0	460.9m	E
List Entry: 1317188, Name: UFFINGTON HOUSE RESTAURANT, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06122 07597, Capture Scale: 1:2500, Easting: 506122, Northing: 307597, Area (hectares): 0	467.3m	E
List Entry: 1165754, Name: OLD SCHOOL AND SCHOOL HOUSE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06217 07766, Capture Scale: 1:2500, Easting: 506217, Northing: 307766, Area (hectares): 0	494.5m	E
List Entry: 1062589, Name: GATES PIERS AND WALLS TO CHURCHYARD, Grade: II*, List Date: 30/10/1968, Amend Date: 22/06/1987, NGR: TF 06165 07660, Capture Scale: 1:2500, Easting: 506165, Northing: 307660, Area (hectares): 0	496.9m	SE

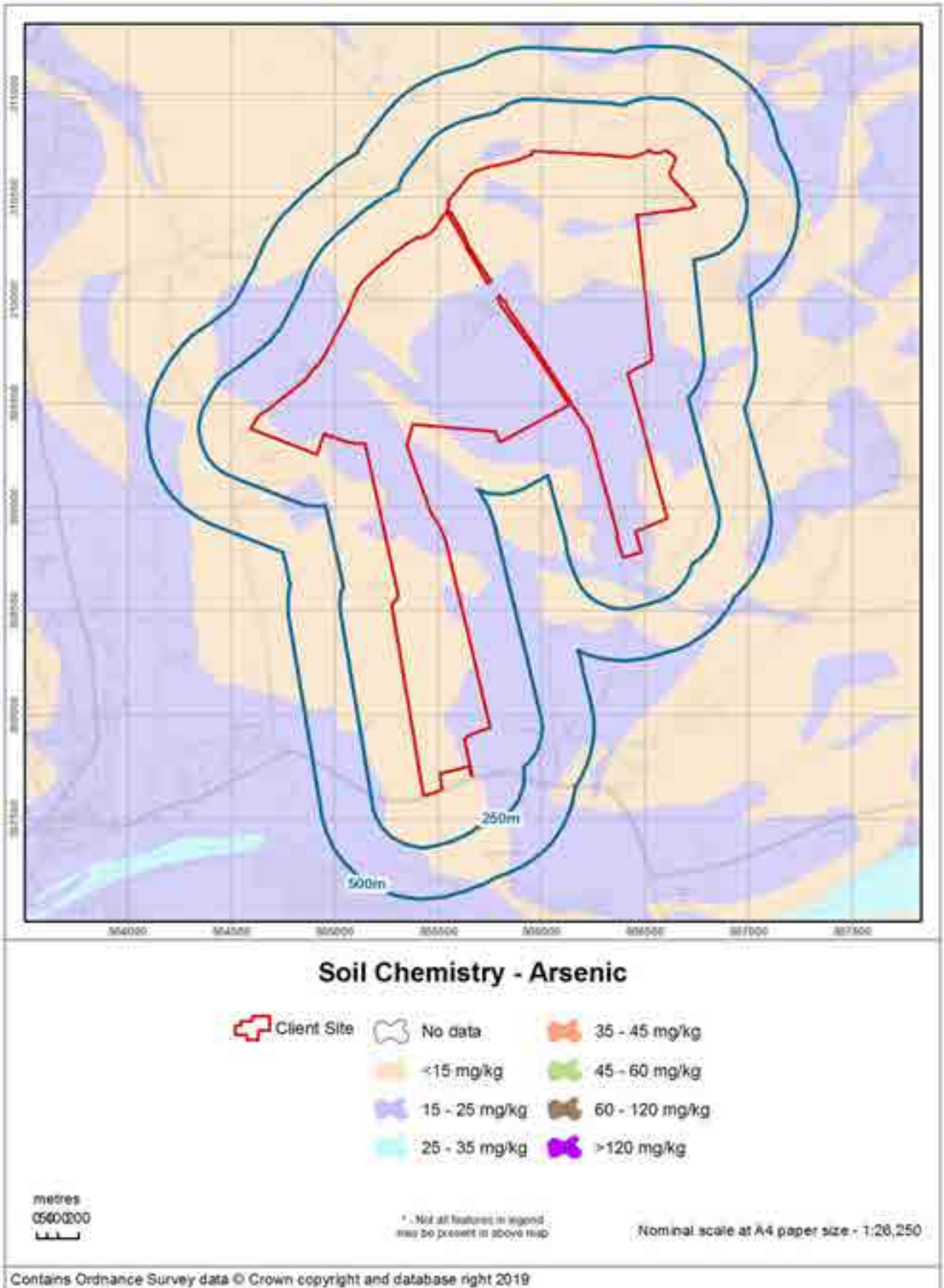
Scheduled Monuments

Details	Distance	Direction
List Entry: 1004938, Name: Causewayed camp, Schedule Date: , Amend Date: , NGR: TF 05361 07967, Capture Scale: 1:10000, Easting: 505360.761635, Northing: 307968.244078, Area (hectares): 2.554	On Site	-

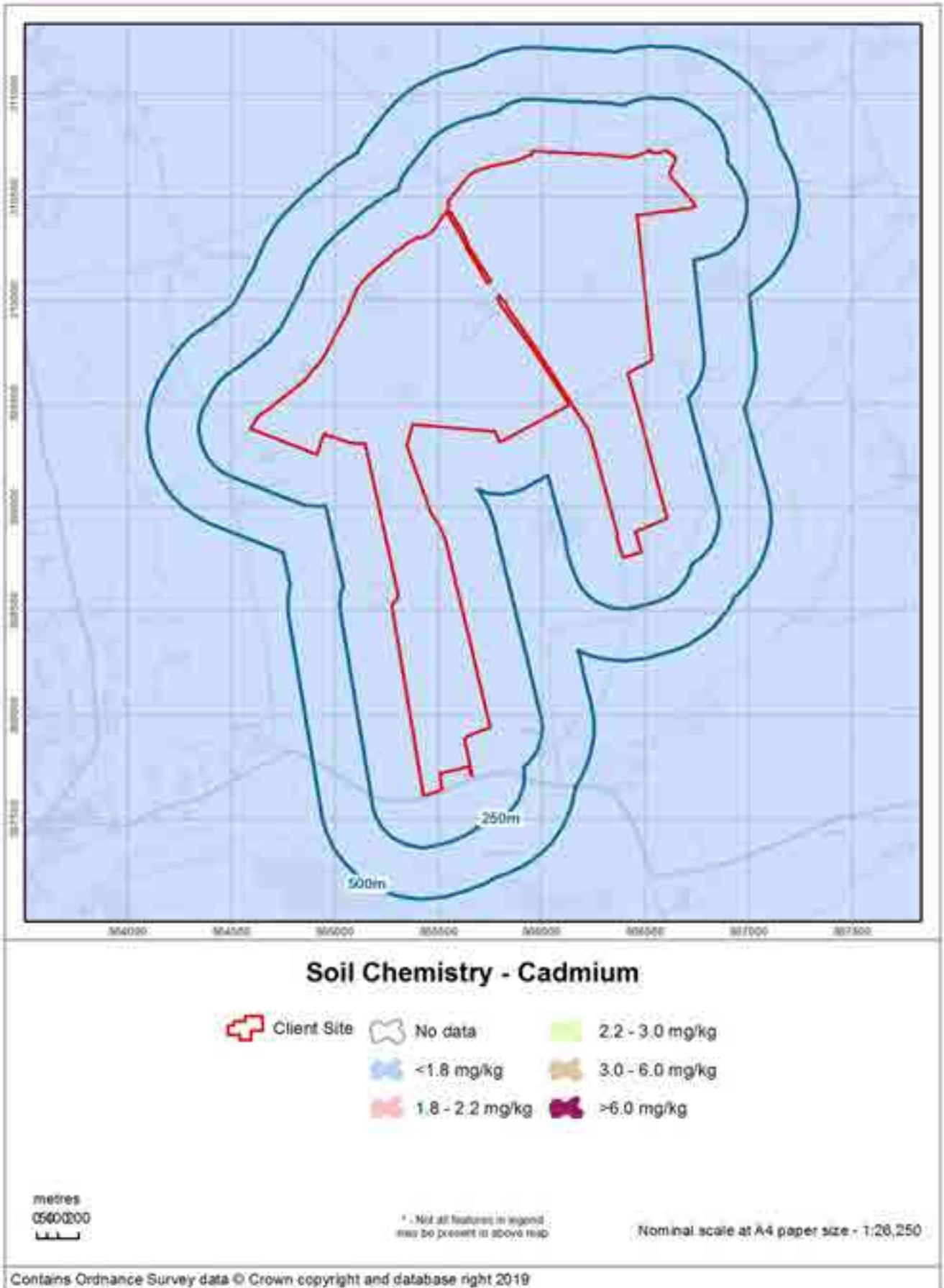
Ancient Woodland

Details	Distance	Direction
, Name: UFFINGTON NEW WOOD, Area (hectares): 5.18	264.9m	E

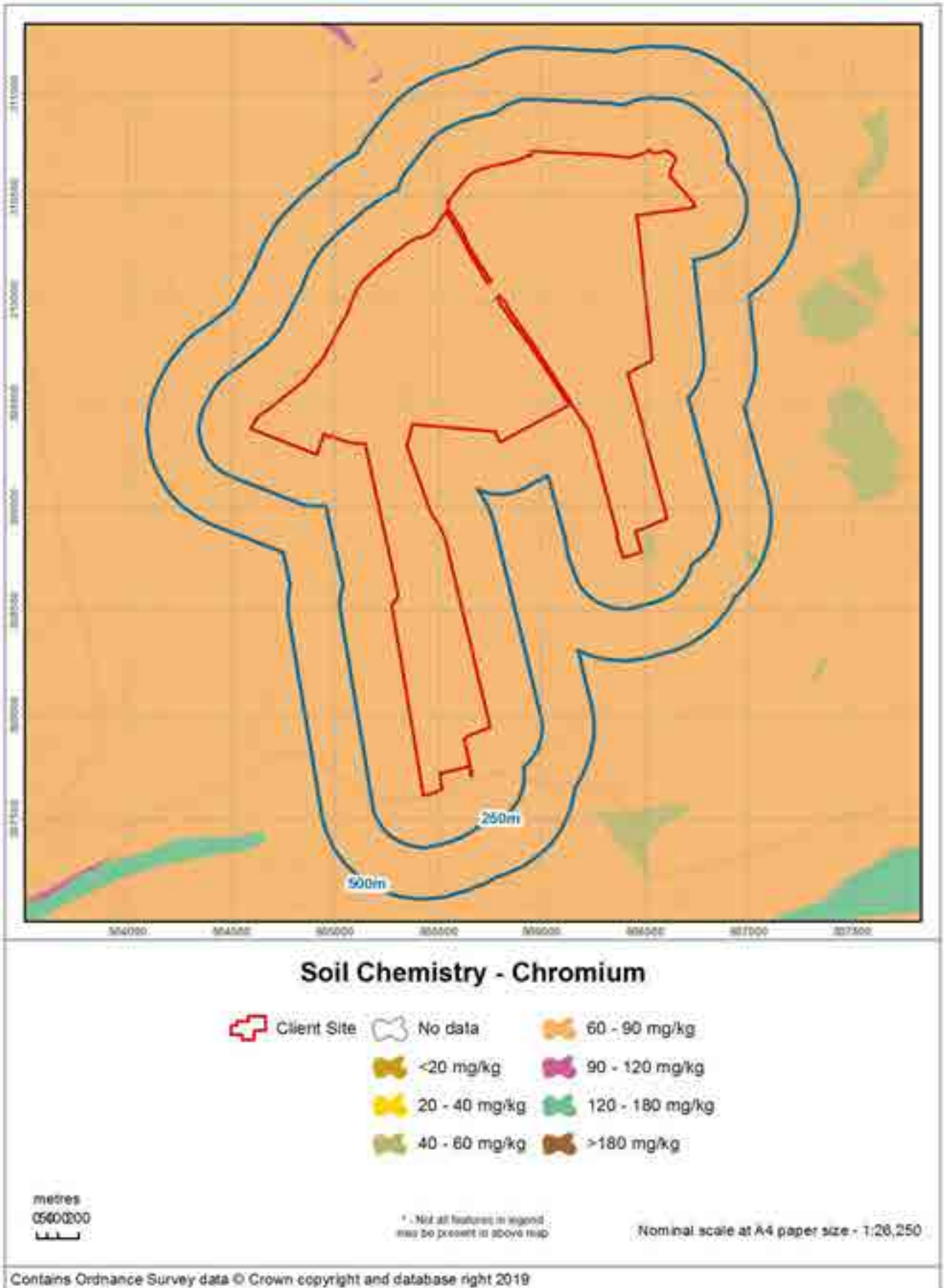
BGS Soil Chemistry – Arsenic



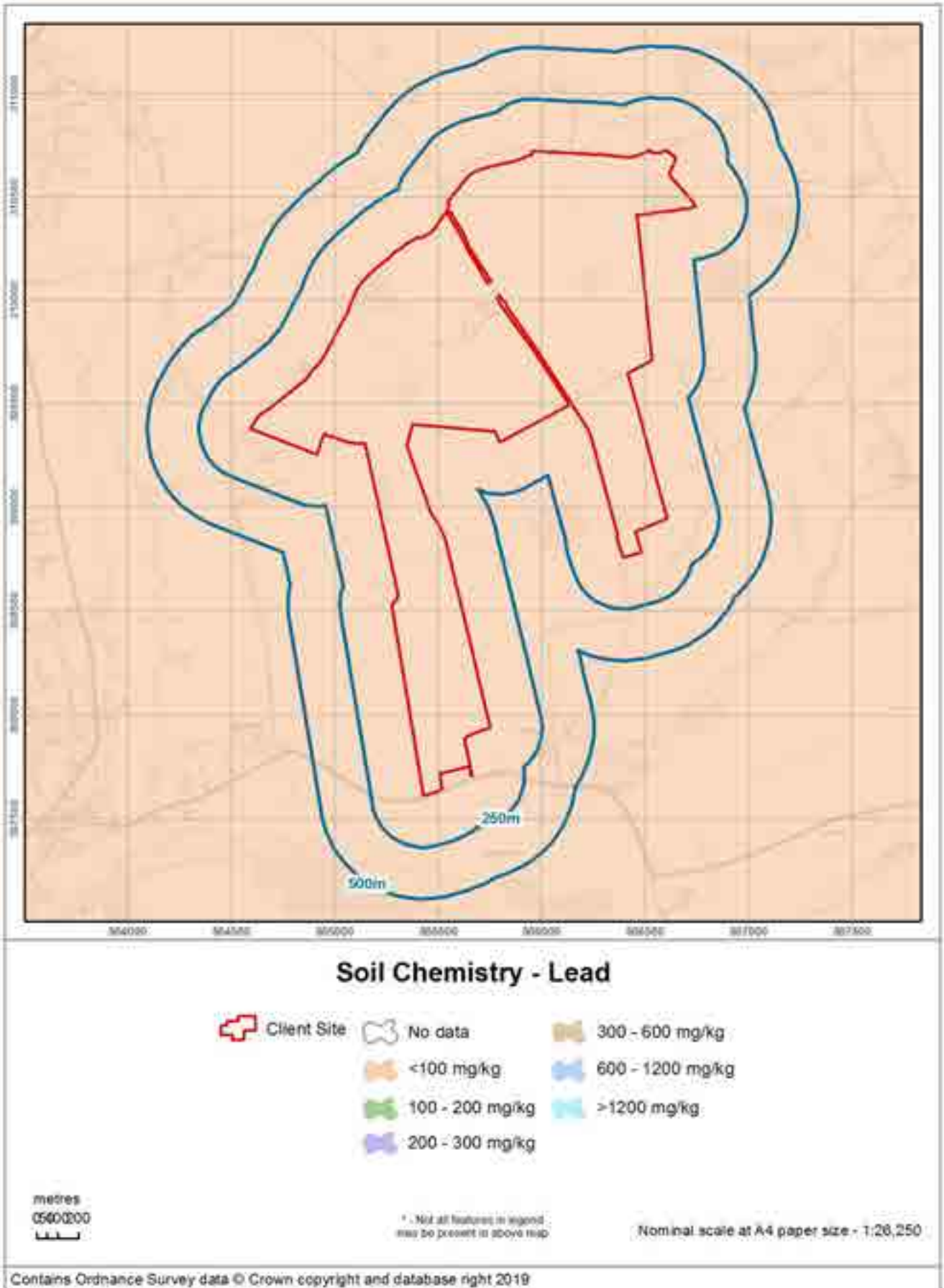
BGS Soil Chemistry – Cadmium



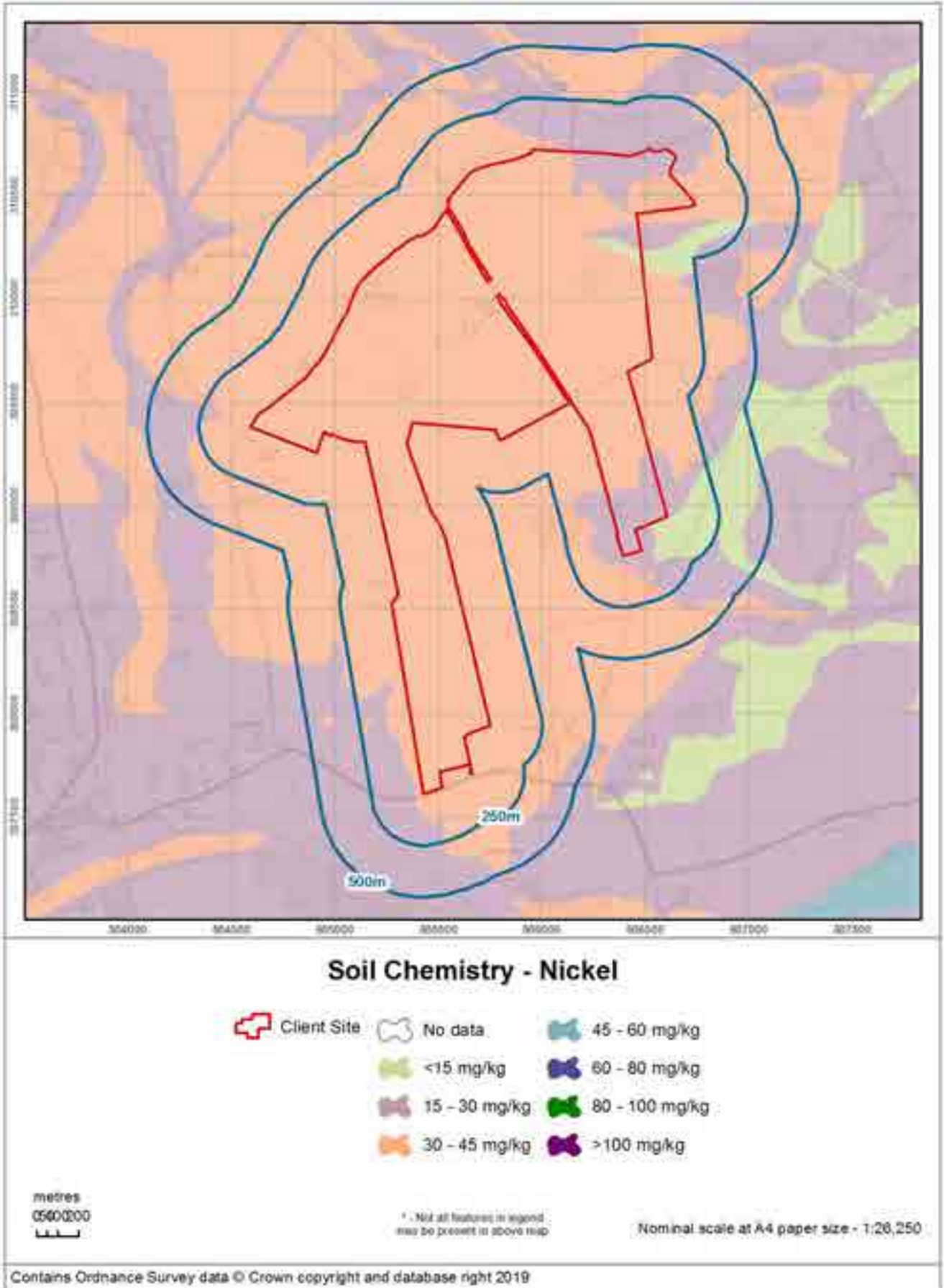
BGS Soil Chemistry – Chromium



BGS Soil Chemistry – Lead



BGS Soil Chemistry – Nickel



Soil Chemistry

BGS Soil Chemistry Arsenic

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: 15 - 25 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: <15 mg/kg	On Site	-

BGS Soil Chemistry Cadmium

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: <1.8 mg/kg	On Site	-

BGS Soil Chemistry Chromium

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: 60 - 90 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: 40 - 60 mg/kg	11.1m	S

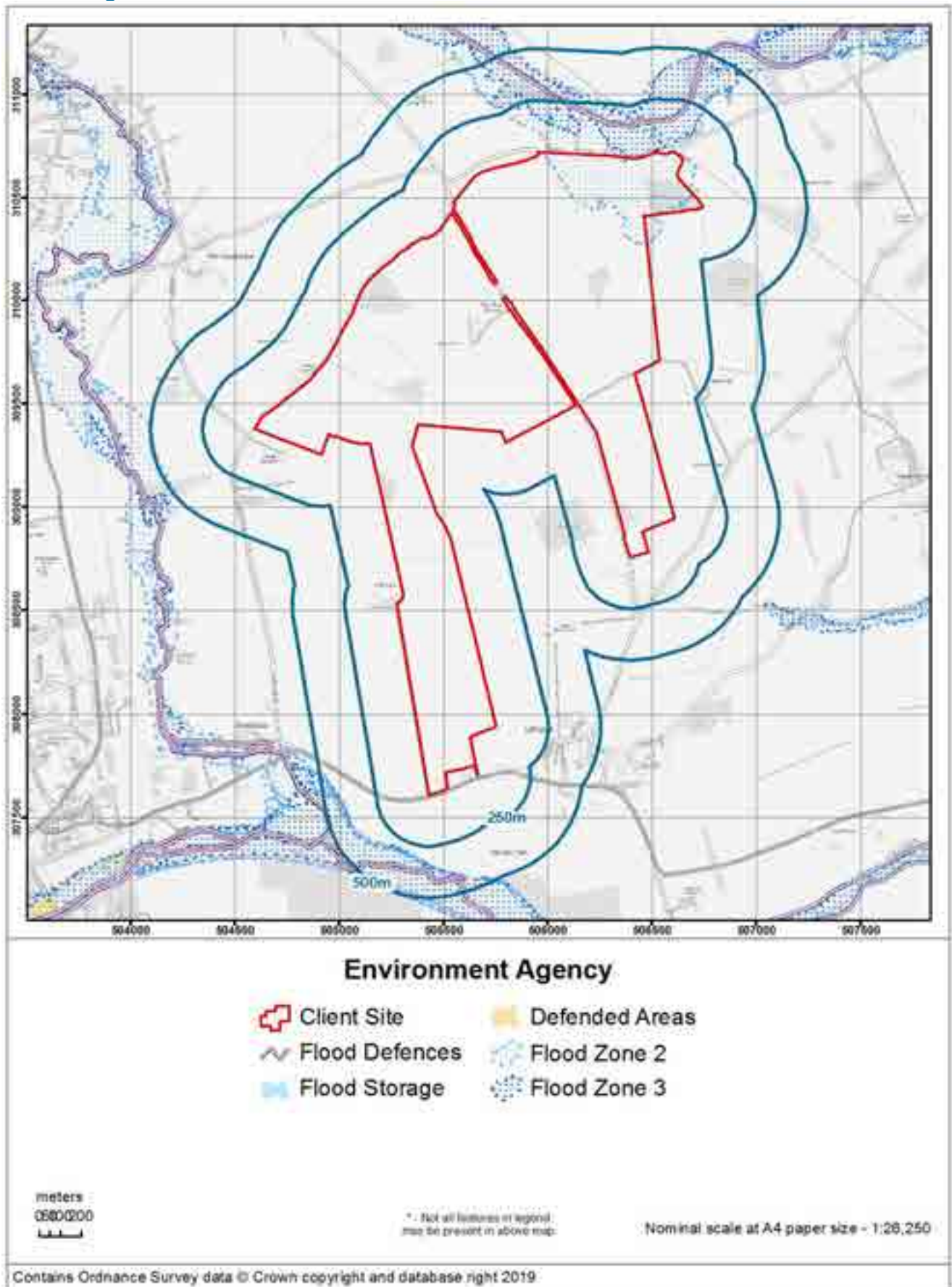
BGS Soil Chemistry Lead

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: <100 mg/kg	On Site	-

BGS Soil Chemistry Nickel

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: 15 - 30 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: 30 - 45 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: <15 mg/kg	On Site	-

Flooding from Rivers or Sea



Flooding from Rivers or Sea

Flooding from River or Sea (Flood Zone 3)

Map ID	Details	Distance	Reply or Direction
	Are there any indicative flood plains within 500m?	<501m	YES
	Type: Fluvial Models, Source: Environment Agency, Head Office, Boundary Accuracy: As Supplied.	On Site	-

Flooding from River or Sea in an Extreme Event (Flood Zone 2)

Map ID	Details	Distance	Reply or Direction
	Are there any indicative flood plains (extreme events) within 500m?	<501m	YES
	Type: Fluvial Models, Source: Environment Agency, Head Office, Boundary Accuracy: As Supplied.	On Site	-
	Type: Fluvial Models and Fluvial Events, Source: Environment Agency, Head Office, Boundary Accuracy: As Supplied.	311.0m	SW
	Type: Fluvial Events, Source: Environment Agency, Head Office, Boundary Accuracy: As Supplied.	391.9m	S



The Site is at a low risk of flooding from rivers or the sea, as defined by the regulatory body's Flood Map. If the Site area is greater than one hectare, any planning application for development would need to be accompanied by a Flood Risk Assessment in accordance with NPPF.

Areas Benefiting from Flood Defences

Map ID	Details	Distance	Reply or Direction
	Does the Site or any areas within 500m benefit from flood defences?	<501m	NO



The Site is over 500m from an Area Benefiting from a Flood Defence, as defined by the regulatory body. The residual risk that the Site may flood if the protection standard of any flood defences is exceeded, or if the defences fail, is insignificant.

Flood Water Storage Areas

Map ID	Details	Distance	Reply or Direction
	Are there any flood water storage areas within 500m?	<501m	NO



The Site is over 500m from a Flood Storage Area (FSA) as defined by the regulatory body. These areas store flood water during significant flood events. It is unlikely that any FSA presents any associated flood risk to the Site.

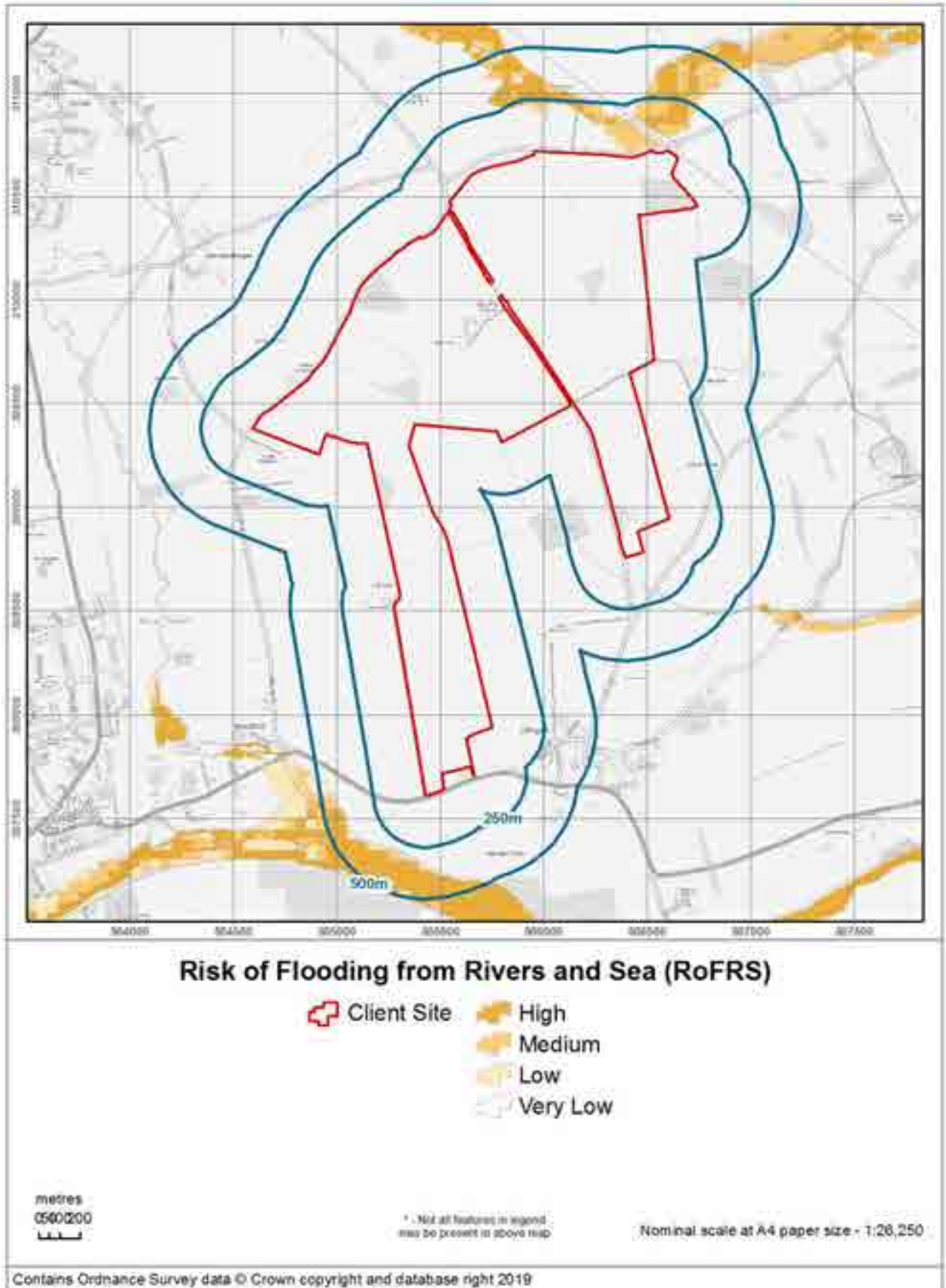
Flood Defences

Map ID	Details	Distance	Reply or Direction
	Are there any flood defences within 500m?	<501m	YES



There are flood defences within 250m of the Site. There may therefore be a residual risk of flooding should the protection standard of those defences be exceeded (and the defences overtopped) or should the defences fail. Further investigations could be undertaken into the standard of these defences. Please contact us for further information.

The Environment Agency Risk of Flooding from Rivers and Sea



The Environment Agency Risk of Flooding from Rivers and Sea

Details	Distance	Reply or Direction
What is the flood likelihood category for the Site?	On Site	-



Some areas may be classified as having no result. This occurs where there is no output data from the analysis used to produce the regulatory body's risk assessment, but the area falls within the extreme flood outline (with a 0.1% or 1 in 1000 chance of flooding in any year).

The Environment Agency Data

The data in the Risk of Flooding from Rivers and Sea Property Flood Likelihood Database is sourced from The Environment Agency's National Property Dataset (NPD2). The information provided includes the flood likelihood category low, moderate, or significant according to the flood risk analysis.

Groundwater Flooding Risk

Groundwater Flooding Risk

Details	Distance	Reply or Direction
What is the risk of groundwater flooding at the Site?	On Site	high



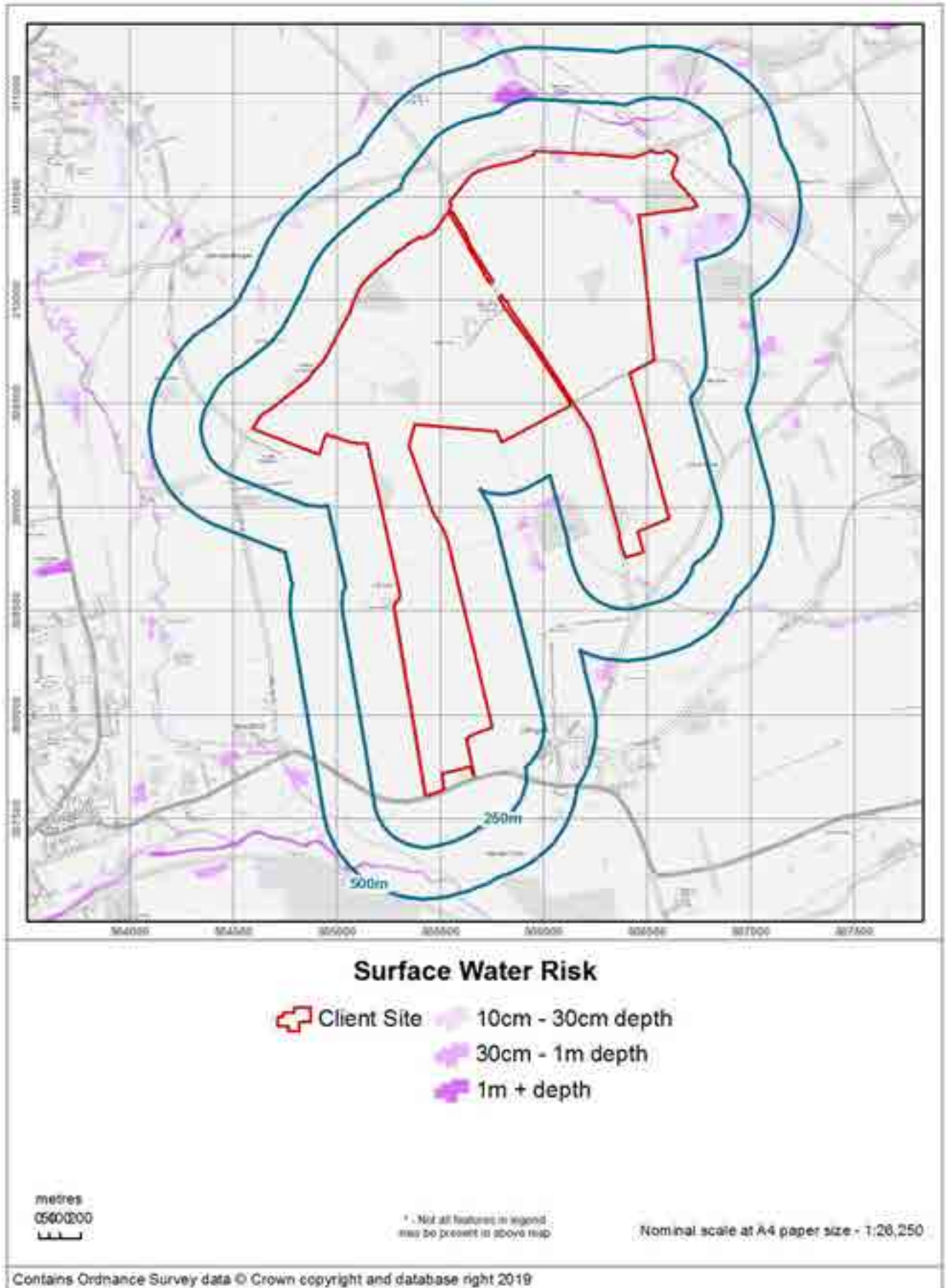
Information from GeoSmart Information Ltd indicates that there is a high risk of groundwater flooding in this area with a return period of 1 in 100 years or more frequent. It is likely that incidence of groundwater flooding will occur, which could lead to damage to property or harm to other sensitive receptors at, or near, this location. Flooding may result in damage to property, road or rail closures and, in exceptional cases, may pose a risk to life. Surface water flooding will be exacerbated when groundwater levels are high. Further consideration of the level of risk and mitigation, by a suitably qualified professional, is recommended.

GeoSmart Information Ltd Data

GeoSmart Information Ltd provides data to Argyll in relation to groundwater flooding. Through research and development, building on their expertise in addressing groundwater flooding issues for the Environment Agency and other clients in the UK, GeoSmart Information Ltd has developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in England and Wales. This differs from other suppliers of data regarding groundwater flooding which only report on the susceptibility of groundwater flooding. Susceptibility merely has to be identified, whereas risk must be quantified. The resulting map is a 5x5m classification of groundwater flooding risk into four categories (Negligible, Low, Moderate and High). GeoSmart Information Ltd's classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 100 years.

The map is a general purpose indicative screening tool, and is intended to provide a useful initial view for a wide variety of applications. However, it does not provide an alternative to a site specific assessment, and a detailed risk assessment should be used for any site where the impact of groundwater flooding would have significant adverse consequences.

Surface Water Flooding (1:200 year rainfall event)



Surface Water Flooding

Surface Water Flooding

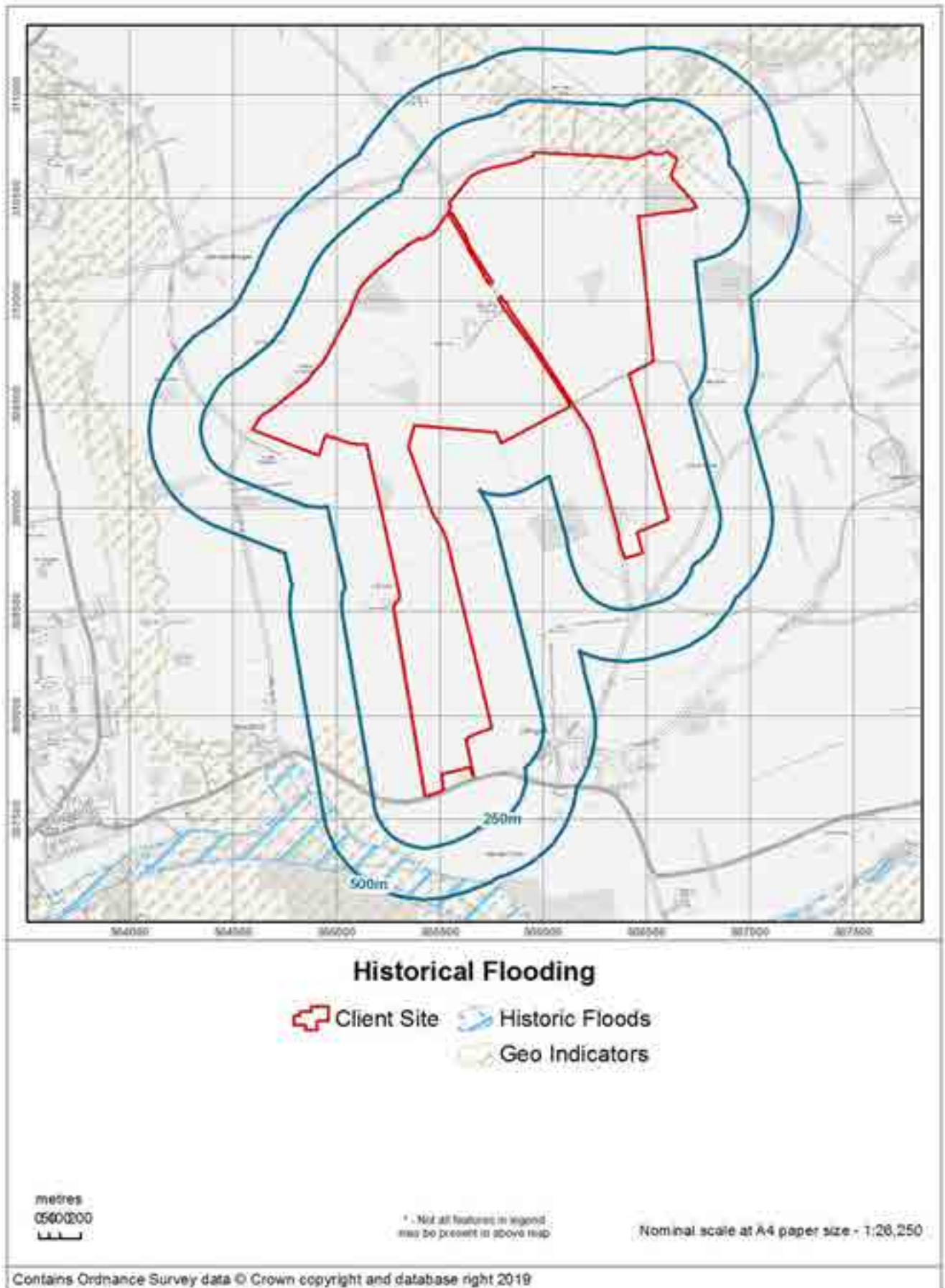
Details	Distance	Reply or Direction
What is the risk of surface water flooding at the Site following a 1 in 75 year rainfall event?	On Site	medium
What is the risk of surface water flooding at the Site following a 1 in 200 year rainfall event?	On Site	medium
What is the risk of surface water flooding at the Site following a 1 in 1,000 year rainfall event?	On Site	medium



JBA Risk Management Data

Surface Water Flooding - Information regarding the risk of natural surface water or pluvial flooding. The risk is classified by JBA into four categories, low (equal to 10cm), low to medium (more than 10cm), medium (more than 30cm) and high (more than 1m) which reflect varying depths of potential surface water flooding during a range of rainfall events including 1:75 year, 1:200 year, and 1:1000 year.

Historical Flooding



Historical Flooding

Historical Flood Events

Details	Distance	Reply or Direction
Have any historic flood events occurred at the Site or within 500m?	<501m	YES



The regulatory body's records indicate past flooding within between 250m and 500m of the Site. This suggests that there is only a minimal risk to the Site itself. As these records are not comprehensive, it may still be prudent to ask the Site owner whether they are aware of any previous flooding at the Site or in the surrounding area.

Environment Agency Data

Historic Flood Outlines - The EA has collated extensive records (including outlines) of flooding from rivers, the sea or groundwater which have occurred in England and Wales since c. 1950. This information comes from various sources including maps, aerial photographs and private records. It is not necessarily comprehensive.

Geological Indicators of Flooding

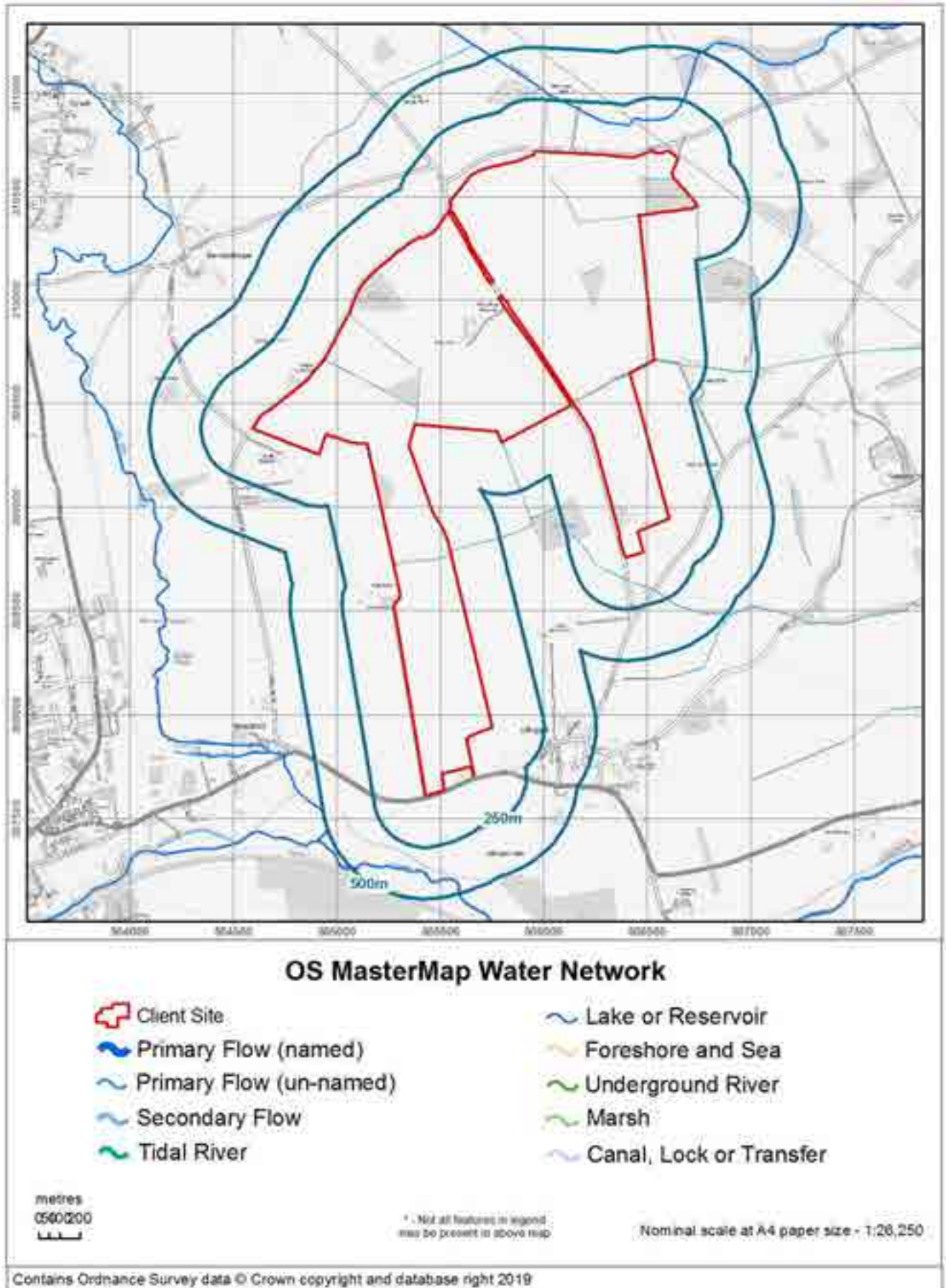
Details	Distance	Reply or Direction
Are there any geological deposits which indicate the Site may have been flooded in the past?	<26m	YES
Fluvial flooding indicators, Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event.	On Site	-
Fluvial flooding indicators, Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	On Site	-



British Geological Survey Data

Geological Indicators of Flooding – The BGS Geological Indicators of Flooding (GIF) data set is a digital map based on the BGS Digital Geological Map of Great Britain at the 1:50,000 scale (DiGMapGB-50). It was produced by characterising Superficial (Drift) Deposits on DiGMapGB-50 in terms of their likely vulnerability to flooding, either from coastal or inland water flow and reflects areas which may have flooded in the recent geological past. This normally relates to flooding which happened many thousands of years ago.

OS MasterMap Water Network



OS MasterMap Water Network

Map ID	Details	Distance	Reply or Direction
	Watercourse Type: Primary Flow (un-named)	263.4m	E
	Watercourse Type: Lake or Reservoir	276.1m	N
	Watercourse Type: Primary Flow (un-named)	298.6m	SE
	Watercourse Type: Primary Flow (un-named)	302.5m	N
	West Glen River Watercourse Type: Primary Flow (named)	304.8m	N
	River Welland Watercourse Type: Primary Flow (named)	367.1m	S
	Watercourse Type: Primary Flow (un-named)	380.2m	SE
	Watercourse Type: Primary Flow (un-named)	380.2m	SE
	Watercourse Type: Primary Flow (un-named)	392.5m	W
	Watercourse Type: Primary Flow (un-named)	393.9m	S
	Watercourse Type: Primary Flow (un-named)	435.0m	N
	Watercourse Type: Primary Flow (un-named)	435.0m	N
	Watercourse Type: Primary Flow (un-named)	438.2m	E
	Watercourse Type: Primary Flow (un-named)	445.8m	E
	Watercourse Type: Primary Flow (un-named)	454.9m	N
	West Glen River Watercourse Type: Primary Flow (named)	454.9m	N
	Watercourse Type: Primary Flow (un-named)	476.2m	NW
	River Welland Watercourse Type: Secondary Flow	485.1m	SW
	River Welland Watercourse Type: Primary Flow (named)	485.1m	SW
	River Gwash Watercourse Type: Primary Flow (named)	497.1m	W



A water feature has been identified at the property. This does not present an immediate risk, however it may require frequent upkeep and maintenance.

OS Data

OS MasterMap Water Network is a three-dimensional digital representation of the watercourses in Great Britain. It includes rivers, streams, lakes, lochs and canals as a series of watercourse network lines. The network lines (links) are attributed to provide a range of information about the section of watercourse they depict. The OS MasterMap Water Network will significantly enhance systems used to manage waterways, river and the flood risk they pose.

Other Information

Height Above Sea Level

Map ID	Details	Distance	Reply or Direction
	Maximum height of the Site above sea level	On Site	49.40m
	Minimum height of the Site above sea level	On Site	17.20m
	Average height of the Site above sea level	On Site	32.75m



The Site is at a relatively high elevation above sea level. However, this is not in itself indicative of the absence of flood risk and reference should be made to other assessments within this report.

Distance to Water Features

Details	Distance	Reply or Direction
Are there any water features within 500m?	<501m	YES
Surface water feature	141.3m	N
Surface water feature	149.2m	N
Surface water feature	191.6m	S
Surface water feature	247.5m	E
Surface water feature	247.6m	E
Surface water feature	360.9m	S
Surface water feature	412.3m	E
Surface water feature	456.1m	E
Surface water feature	487.3m	SE



There is a water feature shown on the Ordnance Survey within 250m of the Site. This does not represent a flood risk in itself, but its presence has been taken into account in the overall risk assessment in this Report.

Dam or Reservoir Failure

Details	Distance	Reply or Direction
Is there a risk of the Site being affected by the failure of a nearby dam or reservoir?	On Site	YES



There is a dam or reservoir close to the Site. Models have predicted that if this structure failed, the Site could flood. Although the risk of such an event occurring is very low, the consequences of such flooding could be severe. It would be prudent to consider incorporating this risk within any existing (or new) business continuity or emergency plans.

JBA Risk Management Data

Dam or Reservoir Failure – JBA has modelled approximately 1700 dams and reservoirs across the UK which are considered to pose the greatest risks to people and property. These models are able to predict the areas likely to flood on all sides of a feature, should an element of it fail e.g. a wall, dam or earth bund.

Useful Contacts

Name and Address	Telephone/Fax/Email
Argyll Environmental Limited 1 st Floor 98 – 99 Queens Road Brighton BN1 3XF www.argyllenvironmental.com	Telephone 0330 036 6115 orders@argyllenviro.com
Environment Agency National Customer Contact Centre (NCCC) PO Box 544	Telephone 03708 506 506
South Kesteven District Council Environmental Health Council Offices www.southkesteven.gov.uk	Telephone
Lincolnshire County Council 4th Floor www.lincolnshire.gov.uk	Telephone 01522 552222 Fax: 01522 552288 PublicRelations@lincolnshire.gov.uk
Rutland Unitary Council Environmental Health Department Catmose www.rutland.gov.uk	Telephone 01572 722577 Fax: 01572 758307
Peterborough City Council Town Hall www.peterborough.gov.uk	Telephone 01733 563141 Fax: 01733 317537
British Geological Survey Enquiry Service British Geological Survey www.bgs.ac.uk	Telephone 0115 936 3143 Fax: 0115 936 3276 enquiries@bgs.ac.uk
Environment Agency Head Office Rio House	Telephone 01454 624400 Fax: 01454 624409
Stantec UK Ltd Caversham Bridge House www.stantec.com	Telephone 0118 950 0761 pba.reading@stantec.com
Defra Nobel House 17 Smith Square London SW1P 3JR	Telephone 08459 335577 defra.helpline@defra.gsi.gov.uk
ALA (Agricultural Law Association)	Telephone 01206 383521 Enquiries@aka.org.uk
Please note that the Environment Agency / SEPA have a charging policy in place for enquiries. When contacting these agencies please mention that this data has been received from the Landmark database, alternatively Argyll Environmental Limited would be pleased to assist with consultation to the above bodies. Please contact us for a quotation.	

Contaminated Land Risk Analysis Methodology

The Estate Solutions reports have been designed to assist in making informed decisions during property transactions. The Report is a desktop assessment of direct liabilities (Liabilities) which could affect the owner /occupier of the Site and arise under Part 2A of the Environmental Protection Act 1990 and/or equivalent requirements under the planning regime and/or the Water Resources Act 1991³. (Relevant Legislation). If a risk is identified, then a number of options for finding out more about the risk, managing it or transferring it are proposed.

The assessment of environmental liability under the Relevant Legislation is based upon the principle of determining the presence of a plausible contaminant-pathway-receptor relationship (a contaminant linkage). A 'contaminant' is a source of contamination, a 'pathway' is a medium through which the contamination can mobilise and 'a receptor' is a person or entity that could be detrimentally affected by the contamination. If all three are identified, then a 'plausible contaminant-pathway-receptor relationship' may be present. By definition, this is one which Argyll believes could result in significant harm, a significant possibility of significant harm or significant pollution or the possibility of significant pollution to Controlled Waters.

In our assessment we use the following test to decide if there is a potential liability affecting the Site. For the purpose of this assessment a site where a potential Liability has been identified is defined as follows:

A Site which, from the information assessed by Argyll, is considered to have the potential of being affected by contaminative substances present in or under the Site (but excluding potential sources of contamination on or above the land) such that, on the basis of its current or proposed use, there is a reasonable likelihood of a UK regulatory authority, acting in accordance with Relevant Legislation, requiring that remedial measures are taken in order to remedy or mitigate the contaminative substances that are present in or under the land that forms all or part of the Site.

The term Liabilities is defined within the scope of this assessment to mean, remedial works under Part 2A of the Environmental Protection Act 1990 (or where appropriate, equivalent requirements under the planning regime) and/or the Water Resources Act 1991 which may result in direct liability for the site owner/occupier.

The assessment within the Report has been produced and quality checked by a team of qualified environmental professionals. The assessment is based upon a manual review of the data contained within the Data Section of this Report and of 1:2500 and 1:1250 (where available) scale historical mapping.

Ecological Risk Assessment

The evaluation of ecological risk is becoming an increasingly important input when making risk management decisions. In the Site Solutions Commercial report, Argyll assesses two different drivers for risks and liabilities driven by ecological receptors;

- 1.The Contaminated Land Regime; and
- 2.The Environmental Damage Regulations (EDR) 2009.

The Environment Agency has designed a generic framework for conducting ecological risk assessment (see Assessing Risk to Ecosystems from Land Contamination, R&D Technical Report P299, EA 2002). This recommends a tiered approach in line with best practice for human health and controlled water risk assessment and defines Relevant Ecological Receptors as any of the Relevant Types of Receptor as set out in Table 1 of Defra Statutory Guidance on Contaminated Land dated April 2012.

Argyll assesses Relevant Ecological Receptors as part of its assessment process. To do so it uses the Argyll EcoRisk model which was developed and tested in consultation with leading experts and is based on the Environment Agency framework.

The Environmental Damage (Prevention and Remediation) Regulations 2009 were introduced on 1 March 2009 to implement the provisions of the European Commission's Environmental Liability Directive into law in England⁴. The aim of EDR is to prevent and remedy damage to protected species or natural habitats or a site of special scientific interest, surface water, groundwater or to land. 'Environmental damage' has a specific meaning in the Regulations, and covers only the most severe cases. Existing legislation with provisions for environmental liability remains in place. The Regulations apply on land in England and on the seabed around the UK up to the limits set out in the Continental Shelf Act 1964, and to waters in the Renewable Energy Zone, which extends approximately 200 miles out to sea.

Argyll does not consider the standard of current operations, but reports the potential for environmental damage based on the location of EDR Receptors around the Site.

³ Water Environment (Controlled Activities)(Scotland) Regulations 2005 where appropriate.




⁴ Environmental Damage (Prevention and Remediation) (Wales) Regulations 2009 or Environmental Damage (Prevention and Remediation) (Scotland) Regulations where appropriate.

When conducting either assessment, Argyll will primarily assess information provided in the Data section of the Report. However, in some cases Argyll may choose to supplement this with freely available public information such as that provided by Natural England and/or information provided by the Argyll Europa System.

Liability Assessment

In this section Argyll will report on any potential soil and groundwater liabilities which it considers are associated with the Site. Our assessment of Liability is based upon the proposed and current use of the Site(as supplied by the client)in line with current Government guidance.

There will be one of the following three responses:

Assessment	Liability Statement & explanation	Defra Category*
PASSED 	<p>Within the scope of this assessment no Liabilities have been identified. No further action is required.</p> <p>This statement indicates that within the scope of this assessment, no issues have been identified that are likely to result in significant cost liabilities under Relevant Legislation.</p>	3 or 4
PASSED 	<p>Within the scope of this assessment no Liabilities have been identified. However, your attention is drawn to the prudent enquiries suggested below.</p> <p>This statement indicates that within the scope of this assessment, no issues have been identified that are likely to result in significant cost liabilities under Relevant Legislation. However, a client may wish to obtain further information about other issues disclosed in the Report, which could be material.</p>	3 or 4
FURTHER ACTION 	<p>Potential Liabilities have been identified under Part 2A of the Environmental Protection Act 1990 (or where appropriate, equivalent requirements under the planning regime) and/or the Water Resources Act 1991⁵. To quantify these you may decide to undertake a more detailed assessment through the recommendation(s) set out below.</p> <p>This statement indicates that within the scope of this assessment, an issue or a number of issues have been identified that are likely to result in significant cost liabilities under Relevant Legislation. In this event, recommendations are made, in order that additional information is collected so that the liabilities may be more accurately assessed.</p>	Potentially 1 or 2

* According to Defra's updated Statutory Guidance on Contaminated Land, Regulators have a four-stage test to decide when land is and is not contaminated. Category 1 and Category 2 sites would encompass land which is capable of being determined as contaminated land, whereas Category 3 and Category 4 sites would encompass land which is not capable of being determined as contaminated land.

Limitations of the Report

The Estate Solutions reports have been designed to satisfy standard environmental due-diligence enquiries, as recommended by the Law Society's contaminated land warning card. It is a 'remote' investigation and reviews only information provided by the client and from the databases of publicly available information that have been chosen to enable a desk based environmental assessment of the Site. The Report does not include a site investigation, nor does Argyll make specific information requests of the regulatory authorities for any relevant information they may hold. Therefore, Argyll cannot guarantee that all land uses or factors of concern will have been identified by the Report.

The information in the Data Section of the Report is derived from a number of statutory and non-statutory sources. While every effort is made to ensure accuracy, Argyll cannot guarantee the accuracy or completeness of such information or data. Argyll will not accept responsibility for inaccurate data provided by external data providers.

Further information regarding our risk assessment methodology is provided in the Products and Services User Manual which is available free of charge from the client area of our website www.argyllenvironmental.com. For further information regarding the datasets reviewed within our assessment, please contact one of our technical team on 0330 036 6115. This report is provided under The Argyll Environmental Terms and Conditions for Data Reports, a copy of which is available on our website.Flood Risk Screening Methodology

⁵Water Environment (Controlled Activities)(Scotland) Regulations 2005 where appropriate.

The EstateSolutions Farm includes a desktop flood risk assessment designed to enable property professionals to assess the risk of flooding at agricultural sites. It examines the overall risk of flooding at a site (not taking into account any flood defences that may be present). The report considers current Government guidance including the National Planning Policy Framework (NPPF) and the agreement between the Association of British Insurers and Defra known as the Statement of Principles. The report has been produced and quality-checked by a qualified consultant using the data contained in this report.

Flood Risk Rating

Argyll provides an overall flood risk rating based on an assessment of the data provided within this report. It does so by asking one question:

1. What is the overall risk of flooding, assuming flood defence fail or are absent or overtopped?

The answer to this question provides a worst case scenario assuming there are either no defences in the area, that any defences in the area could fail, primarily as a result of river or coastal flooding, or are overtopped by excessive flood volumes.

Questions 1 are answered by one of six standard responses:

Response	Meaning
Negligible	The overall flood risk rating for the Site is assessed to be 'Negligible'. Existing datasets do not indicate any risk at the Site itself, or any feature within the locality of the Site, which would be expected to pose a threat of flooding. It is not considered that any further investigations are necessary in regard to flood risk.
Low	The overall flood risk rating for the Site is assessed to be 'Low'. Although large sites (over 1 ha) would require a Drainage Impact Assessment to accompany any planning application, it is not considered necessary to undertake any other further investigations into the flood risk to the Site.
Low to Moderate	The overall flood risk rating for the Site is assessed to be 'Low to Moderate'. The presence of such features as flood defences, flood storage areas and watercourses within the locality of the Site suggests that there may be a risk of flooding to the Site itself. Further investigations could be undertaken to further assess this risk.
Moderate	The overall flood risk rating for the Site is assessed to be 'Moderate'. Information from existing datasets suggests that there are certain features which may present a risk to the Site and its occupants. Further assessment would normally be suggested as a prudent measure to clarify the risk of flooding at the Site.
Moderate to High	The overall flood risk rating for Site is assessed to be 'Moderate to High'. Information from existing datasets suggests that there are certain features which may present a significant risk to the Site and its occupants. Further assessment is usually recommended in order to clarify the risk of flooding at the Site.
High	The overall flood risk rating for Site is assessed to be 'High', with a consequent risk to life and property. This means that existing datasets reveal significant flood risk issues which need to be addressed. Further assessment is usually recommended in order to clarify the risk of flooding at the Site.

Flood Analysis

The flood risk gauges provide a more detailed analysis of the risk from each of the four main types of flooding – river, coastal, groundwater and surface water. In addition, a fifth gauge provides an analysis of other factors (i.e. historic flood events, geological deposits which are indicative of past flooding, proximity to surface water features and elevation above sea level) that may affect the overall flood risk. For surface water flooding, only the risk rating generated from the 1:200 year rainfall event data is included in the overall risk assessment. The data on 1:75 year and 1:1,000 year rainfall events is provided for information only. The flood analysis within the report is automated taking into account the percentage of identified flood risk from the individual datasets to assess their significance in the context of the wider farm. This includes an assessment of whether the assumed main buildings within the Site boundary fall within an area of flood risk. For further information on each of these types of flooding, please refer to the Argyll FloodSolutions User Guide.

This analysis takes into account any existing flood defences that are intended to protect the Site and assumes that these work as designed. The analysis also takes into account the other information contained in those data sections of the report

which are relevant to that particular type of flooding. The assessment of the risk as shown in the flood gauge should therefore take priority over the information in the individual data sections of the report.

Limitations of the Report

The Renaissance Estate Solutions Farm report has been designed to satisfy basic flood-related environmental due-diligence enquiries for farm and large estates. It is a desktop review of information provided by the client and from selected private and public databases. It does not include a site investigation, nor are specific information requests made of the regulatory authorities for any relevant information (other than local water and sewerage providers). Therefore, Argyll cannot guarantee that all issues of concern will be identified by this report, or that the data and information supplied to it by third parties is accurate and complete.

This report includes an assessment of surface water flooding which examines the risk of the general drainage network overflowing during periods of extreme rainfall. This report does not make a detailed site-specific assessment of the suitability of the existing drainage on the Site. If this is required, then a site survey should be considered. The assessment of pluvial flooding does not take into account particular local or temporary factors that may cause surface water flooding such as the blockage or failure of structures on or within watercourses, drains, foul sewers, water mains, canals and other water infrastructure; and any history of drains flooding at the Site or in the locality. Surface water flooding can occur before surface water reaches the general drainage network, for example on hills and inclines.

Environment Agency data does not include flood risk from very small catchments as models of such small scale catchments are not considered to be reliable for UK-wide flood risk assessments. The potential impact of climate change on flood risk to the Site would require further study.

When answering any questions within this report, current applicable legislation is taken into account.

The data used in this report may have inherent limitations and qualifications. Further details are set out in the FloodSolutions User Guide which is available free of charge from our website www.argyllenvironmental.com , or by calling one of our technical team on 0330 036 6115.

This report is provided under The Argyll Environmental Terms and Conditions for Flood Solutions Reports, a copy of which is available on our website, www.argyllenvironmental.com , or by calling one of our technical team on 0330 036 6115.

Consumer Protection

Important Consumer Protection Information

This search has been produced by Argyll Environmental Ltd, 1st Floor, 98 – 99 Queens Road, Brighton, BN1 3XF.

Tel: 0330 036 6115, Email: orders@argyllenviro.com.

Argyll Environmental adheres to the Conveyancing Information Executive (CIE) standards.

The Standards:

- Conveyancing Information Executive Members shall act in a professional and honest manner at all times in line with the Conveyancing Information Executive Standards and carry out the delivery of the Search with integrity and due care and skill.
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TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Web site: www.tpos.co.uk

Email: admin@tpos.co.uk

Argyll Environmental Complaints Procedure

If you want to make a complaint to Argyll Environmental, we will:

- Acknowledge it within 5 working days of receipt
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Legal Director
Argyll Environmental Ltd
1st Floor
98 - 99 Queens Road
Brighton
BN1 3XF

Tel: 0330 036 6115

Email: orders@argyllenviro.com

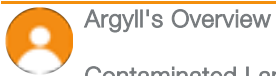
If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs):

Tel: 01722 333306,

Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.

EstateSolutions Farm



Contaminated Land :

The property poses an acceptably low contamination risk and no further investigation is required. However, your attention is drawn to prudent measures suggested on page 4 that you may wish to implement.

Flood Risk :

Moderate - The Site is susceptible to flooding from one or more sources. A prudent purchaser should ask the vendor whether there has been any historical flooding and confirm the availability of building and contents insurance. You may also want to carry out further assessment and explore options for managing flood risk (see pages 3 & 4).

Environmental Hazards :

The following other Environmental Hazards have been identified in the immediate vicinity of the Site: Radon 10 to 30%, Radon Protection Measures, Ground Instability Hazard, and Infilled Land One or more Control of Major Accident Hazards (COMAH) sites are located within 500m.



Report on:

Braceborough Grange, Carlby Road, Braceborough, PE9 4NU

Report prepared for:

Womble Bond Dickinson

Report Reference:

AEL-4305-PSF-1022716

Report date:

17th May 2021

Client Reference:

National Grid Reference:

506741,313059



Site Location

Report prepared on

Braceborough Grange, Carlby Road, Braceborough, PE9 4NU

Site Area (hectares)

216.134

Current Use

Agricultural

Proposed Use

Agricultural

Report Prepared For

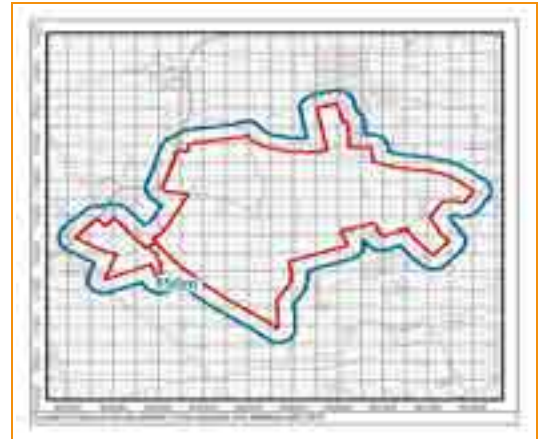
Assumed purchase

Report Author

Tamsin Jones

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E-mail: orders@argyllenviro.com





Summary of Liabilities and Risk

Issue	Evaluation
-------	------------

Contaminated Land Liability Assessment



PASSED



What is the pollution risk from within the property?	Low to Moderate
What is the pollution risk from the surrounding area?	Low to Moderate
What is the sensitivity of this area to pollution?	High
What is the overall liability risk of this property?	Low to Moderate

Within the scope of this assessment no liabilities have been identified. However, your attention is drawn to the prudent measures suggested overleaf.



PASSED



Flood Risk Summary

What is the overall risk of flooding at the farm, assuming flood defences are operational?

Moderate
(see recommendations below)



Additional Considerations Summary

Asbestos		Ground Instability		Mining Hazard	
Radon		Coal Mining		Nitrate Vulnerability	
Brine Compensation		Historic Rights of Way		Sensitive Land Uses	
Water Abstractions		Sewage Discharges		Stewardship Schemes	
Unexploded Ordnance		Soil Chemistry		Transmission Lines	
COMAH Sites		Listed Buildings			

Please refer to the Additional Considerations section for further details for those considerations that have been flagged by the report.



PASSED



Contaminated Land Recommendation

Tanks, filled ponds, gravel pit and a dismantled railway

There appear to be a storage tank on the farm, likely to contain fuel or agrochemicals. Spills or leaks could have contaminated the surrounding soils to some degree. This will be more of a problem if the tank is not located on hardstanding, but overall is not likely to result in environmental liability for the farm.

We have identified filled features at the farm, which could have contaminated the ground to some degree. The railway may have been founded on Victorian waste materials such as ash and clinker.

Given the size and setting it is unlikely to result in environmental liability for the farm. However, it could reduce productivity in the area and create problems for future development.

- Ask the vendor to supply any relevant information they have. This could include information on ground conditions and signs of pollution, reduced productivity or ground instability.
- Inspect the area for obstructions, discoloured soil, distressed vegetation and poor soil quality.

Groundwater abstraction

We have identified a groundwater abstraction on the farm for general agricultural and domestic use. While the abstraction does not present a risk in itself, it should be tested for potential pollutants, such as agrochemicals and fuel.

We recommend the following actions:

- Ask the vendor for the results of a recent test
- Contact the relevant Authority to ensure compliance with the permit
- Ensure ongoing testing inline with the abstraction license

Discharge consent

The farm holds an operational discharge consent. This is an Environmental Permit, which allows the release of waste water or effluent to the environment. The permit will stipulate conditions which must be followed.

We recommend the following actions:

- Review who has management responsibility for the permit
- Ensure the discharge activity is well managed and that infrastructure is in a good state of repair
- Contact the Environment Agency to ensure compliance with the permit
- Ask the vendor to confirm that there have been no breaches of the permit conditions

Please call your report writer on 03300 366 115 to discuss any aspect of this recommendation



PASSED








Flood Risk Recommendations

1. Although areas of the Site have been identified as at an increased risk of flooding, owing to the limited extent and location of this risk in relation to the main operational areas, further detailed assessment is not deemed necessary. However, it would be prudent to check with the current vendor to confirm whether or not historical flooding has significantly impacted upon farm operations, facilities and general farming practices.
2. If this risk relates to areas where buildings are present, you may wish to consider further assessment to establish anticipated flood depths which will aid a cost appraisal and installation of flood resistance and/or resilience protection measures (Please contact Argyll for more details).
3. You may wish to consider obtaining insurance terms prior to the completion of this transaction if the main buildings on Site are at risk.



Contaminated Land Risk Analysis

Investigation	Risk Commentary
 <p>Farm description</p> <p>The farm is approximately 216 hectares and is formed of arable land, grassland and small areas of woodland.</p> <p>Braceborough Grange is located in the north east comprised of barns, a yard, a tank and a residential property. Park Farm is located in the centre with barns, small agricultural structures and a tank. A Discharge Consent is associated with this farm.</p> <p>No redevelopment is proposed.</p> <p>Farm History</p> <p>A review of historical maps dating from 1887 shows that the Site has remained relatively similar since 1886. Braceborough Grange and Park Farm have been present since this time, with alterations to the built footprint occurring throughout mapping. Railways were present from the first map edition in the west this was dismantled by 1975.</p> <p>Tanks were noted at Park Farm from 1975, cleared c.2000 with a further tank identified c.2021. In addition a tank was noted at Braceborough Grange c.2021.</p> <p>A gravel pit was identified encroaching the south-east of the Site c.1886, filled/levelled by 1959. A further area of worked ground was identified in the centre from c.1886 levelled/filled by 1975. A sheepwash was identified in the centre c.1904. Ponds were filled across the Site in c.1975 and c.2000.</p>	
<p>Argyll's Comment</p> 	<p>As a result of the historical and current use of the Site, there is a low to moderate risk of contaminants being present.</p>
 <p>Current and historical surrounding area description</p> <p>According to current mapping and aerial photography the farm is almost entirely surrounded by arable land or grassland, associated farmyards and small areas of woodland. An industrial estate is identified from 60m north.</p> <p>A review of historical maps dating from 1887 shows the following potentially contaminative uses within 100m of the farm: wider extent of the gravel pit railways adjacent c.1887-present, with a further railway adjacent c.1877 dismantled by 1975, industrial estate 60m north c.2021 and a gasometer adjacent east c.1904-c.1959</p> <p>We have identified the following regulated processes in proximity to the farm:</p> <ul style="list-style-type: none"> • two Control of Major Accident Hazards Sites (COMAH) (159m west and 179m north west) • a Notification of Installations Handling Hazardous Substances (NIHHS) (218m north west) • Planning Hazardous Substance Consents (151m north west and 222m north west). 	
<p>Argyll's Comment</p> 	<p>The historical and current use of the surrounding area is therefore considered to present a low to moderate risk of affecting the Site.</p>
 <p>Water resources and sensitive habitats</p> <p>The general area appears to be in agricultural use, with residential properties located on Site at the aforementioned farms.</p> <p>The superficial hydrogeology underlying the Site is classified as a Secondary (A) Aquifer (deposits with moderate permeability), and a Secondary (Undifferentiated) Aquifer (deposits with variable/limited permeability). The bedrock hydrogeology is classified as a Secondary (B) Aquifer (formations with limited permeability), a Secondary (A) Aquifer (deposits with moderate permeability), a Principal Aquifer (highly permeable formations), and an Unproductive Stratum (deposits of negligible permeability).</p> <p>The Site lies within a Zone II Source Protection Zone (SPZ). An SPZ is a protection zone placed around a well or borehole that supplies groundwater of potable quality.</p> <p>There are six abstraction licences located within 500m. The closest of these are a stream abstraction (on Site) for spray irrigation use, and a groundwater abstraction (on Site) for general farming and domestic use.</p> <p>Drains and ponds are located on Site. Finally no designated eco-receptors were identified within a 500m radius of the Site.</p>	

Argyll's
Comment



Overall, the Site is therefore considered to have a **high environmental sensitivity**.

Additional
Sources of
Information

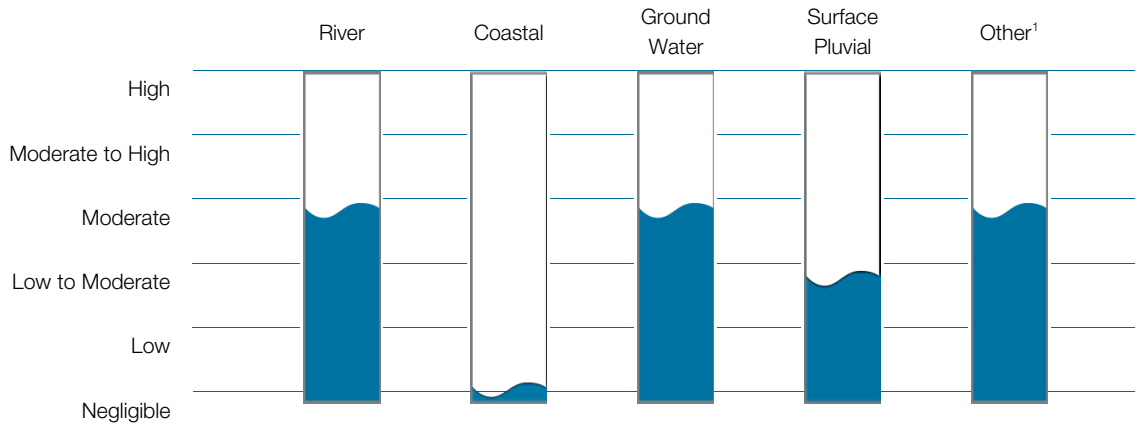
The following additional historical map packs were used to produce this report.

- Envirocheck Ref: 278727578 centred on 506741, 313059.
-



Flood Risk Screening

Flood Analysis of Whole Farm	What is the overall risk of flooding at the farm, assuming defences fail or are absent or over-topped?	Moderate
Flood Defences Effect	Are there existing flood defences that might benefit the Site?	Yes
	What is the risk of flooding when these defences are operational?	Moderate



Flood Analysis of Buildings Are the main farm buildings at significant risk of flooding? **No**

Riparian Ownership Is there a water feature located within or adjacent to the Site? **Yes**

Argyll's Comment



A riparian owner describes anyone who owns a property where there is a watercourse within or adjacent to the boundaries of their property.

Under common law, a riparian owner has rights and responsibilities relating to the stretch of watercourse that falls within or beside the boundaries of their land. Their primary responsibility is to keep the watercourse free of any obstructions that could hinder normal water flow. If the riparian owner fails to carry out their responsibilities, this could result in civil action.

A riparian owner should also check before carrying out any works near to the edge of a river, as such works may be subject to byelaws. If infringed, this could lead to enforcement action by the Environment Agency.

There is a presumption that the boundary between properties abutting a watercourse is the centre line of that watercourse. To confirm whether this is the case, a solicitor should check the deeds or the Index Map.

The Environment Agency has published useful guidance "Living on the edge" for owners of land or property alongside a watercourse. Sometimes, the Environment Agency or other organisations managing flood risk, may have statutory rights of access to properties which adjoin a watercourse. This may be for for maintenance, repair or rebuilding of any part of the watercourse or for access to or repair of monitoring equipment.

Development Control Is there a water feature located within 250m of the Site? **Yes**

Argyll's Comment



Sites which lie close to (but do not adjoin) a watercourse, may be subject to planning controls should redevelopment be considered. The Environment Agency and Internal Drainage Boards are normally consulted regarding any development within 50m of a Main River or drainage channel. Navigation authorities are normally consulted regarding any development within 250m of a canal, although this varies on a site by site basis. Please see The Environment Agency website to check if there is a Main River within 20m of your property.

¹Other factors influencing flood risk include historic flood events, geological indicators of flooding, proximate surface water features and elevation above sea level.

Dam and Reservoir Failure

Could the Site be affected by dam or reservoir failure? **No**

Argyll's Comment



The answer is based on detailed models provided by JBA Risk Management. These predict the areas liable to flood around approximately 1700 key dams and reservoirs across England and Wales (if that dam or reservoir were to fail).



Recommendations

1. Although areas of the Site have been identified as at an increased risk of flooding, owing to the limited extent and location of this risk in relation to the main operational areas, further detailed assessment is not deemed necessary. However, it would be prudent to check with the current vendor to confirm whether or not historical flooding has significantly impacted upon farm operations, facilities and general farming practices.
2. If this risk relates to areas where buildings are present, you may wish to consider further assessment to establish anticipated flood depths which will aid a cost appraisal and installation of flood resistance and/or resilience protection measures (Please contact Argyll for more details).
3. You may wish to consider obtaining insurance terms prior to the completion of this transaction if the main buildings on Site are at risk.



Additional Considerations

Item	Summary	Suggested Action
Asbestos (Commercial)	If the buildings at the Site were constructed or renovated during the period between 1950 and 1999, then the fabric of these buildings may contain asbestos in a variety of forms.	Check Asbestos Register and Management Plan
Historic Rights of Way	A review of historic mapping indicates there may be former rights of way on the farm. It is possible that these could be re-instated by Natural England under the Discovering Lost Ways project. This project aims to identify former rights of way which have disappeared from local authority maps and statements, and will be run until 2026. Argyll can conduct a desktop assessment, showing the location of such historic rights of way and assessing the risk of whether these might be subject to future re-instatement.	Contact Natural England or Natural Resources Wales for further information
Sewage Discharges	The data indicates that the Site has an operational sewage treatment system and an associated discharge consent. Discharge consents are granted by the Environment Agency (EA) under Section 84(1) of the Water Resources Act 1991. We would advise consultation with the local EA office to determine the conditions placed on any consent or whether an exemption has been granted. If a consent is present, you should check whether there have been any breaches or discharge limits. It would be prudent to check any existing equipment to determine its age and whether replacement/upgrade is likely to be necessary within the short term.	Confirm with current owner whether or not this discharge is located on the farm. If so, confirm that the discharge complies with all current regulations and equipment is in good order
Nitrate Vulnerable Zones	The farm is located within a Nitrate Vulnerable Zone. Nitrate Vulnerable Zones are designated areas of land draining into waters assessed to be polluted by nitrates. As the farm lies within a designated zone the land owner will need to comply with the requirements of the Nitrates Action Programme regulated by DEFRA and the Environment Agency.	Contact the Environment Agency for further information
Soils	BGS soil chemistry data for the Site indicates 15 - 25 mg/kg of arsenic, <15 mg/kg of arsenic, <1.8 mg/kg of cadmium, 40 - 60 mg/kg of chromium, 60 - 90 mg/kg of chromium, <100 mg/kg of lead, 15 - 30 mg/kg of nickel. 30 - 45 mg/kg of nickel. <15 mg/kg of nickel.	None required
Agricultural Land Classifications	The farm is located within a Grade 3 classification (good). The classification system forms part of the planning system in England and Wales. Agricultural land is classified into five categories according to versatility and suitability for growing crops. The top three grades 1, 2 and 3a are considered the best and most versatile land, 3b – 5 are considered moderate to very poor.	Contact Natural England for further information
Water Abstractions	Water abstractions have been identified at the Site. It would be prudent to check the terms of these licences to ensure that there have been no breaches of licence conditions and that continued abstraction is compliant with the permitted rates for the specified use(s). It should be noted that The Water Act 2003 changes how water abstraction is regulated, and there may be implications for the current licence holder.	Contact the Environment Agency or Natural Resources Wales for further information
Radon 10 to 30%	Employers are required by the Management of Health and Safety at Work Regulations 1999 to assess risks from radon in workplaces. You may therefore wish to contact the Health Protection Agency for further information regarding radon monitoring.	Contact the Public Health England for further information regarding radon monitoring.

Radon Protection Measures	If redevelopment or building extensions are proposed, radon protection may be required. As the data provided in this report is not site specific, it would be prudent to order a more detailed radon report from the British Geological Survey (www.bgs.ac.uk/georeports) or contact the local Building Controls Officer to clarify the level of radon protection required (if any) in accordance with Building Research Establishment report BR211.	Contact the Public Health England for further information regarding radon monitoring.
Ground Instability Hazard	As a potential ground instability hazard was identified, you may wish to consult a local RICS accredited surveyor and/or review any available geotechnical surveys.	Contact RICS accredited Surveyor for further guidance
COMAH	One or more Control of Major Accident Hazards (COMAH) sites are located within 500m. Although risks at such facilities are controlled under the COMAH Regulations you should be aware that the Site may lie within an evacuation zone which could be affected if an accident occurred. Additionally, planning restrictions may apply. If redevelopment is planned it would be prudent to contact the local planning department. Further information is available at www.hse.gov.uk/comah/	Contact the Health and Safety Executive for further information

Generic Guidance

Item	Summary	Suggested Action
Energy Performance Certificate	Under the Energy Performance of Buildings (England and Wales) Regulations 2012 and the Energy Performance of Buildings (Scotland) Regulations 2008, there is a requirement for all buildings to have an Energy Performance Certificate (EPC) upon their construction, sale or lease (and in some cases when the building is modified).	Check EPC or conduct energy assessment
Silage, Slurry, Oil, Storage (Farms)	Under the Control of Pollution (Silage, Slurry and Agricultural Fuel Oil) Regulations 1991, silage, slurry or fuel storage facilities constructed after March 1991 have to be designed and built to minimum standards to prevent the pollution of Controlled Waters.	Compliance Audit
Above and Below Ground Storage	It is common for agricultural premises to store a variety of substances in above ground and underground storage tanks (ASTs and USTs). Most commonly red diesel, heating oil and occasionally petrol on larger estates. There is no reliable database of underground storage tanks nor are all above ground tanks marked on historical maps.	Check all tanks and surrounding land for signs of leaks or spills, such as stained ground or vegetation die-back
Tree Preservation Orders / Hedgerows	The objective of a TPO is to protect trees that make a significant impact on their surroundings (important feature within the local landscape or an historical association within the local area). If a tree has an associated TPO then it is an offence to cut down, prune, uproot, wilfully damage or destroy it. Under The Town and Country Planning (Tree Preservation) (England) Regulations 2012, the existing regulations have continued for England and Wales. Farms situated in Wales will follow guidance regulated by the Welsh Assembly Government.	Contact the Local Planning Authority for further information
Hedgerow Regulations 1997	The Hedgerow Regulations came into force in 1997 to protect the most important hedges in the countryside from being removed. The regulations apply to hedges which are more than 20 metres long or which meet another hedgerow at either end. If you remove a hedgerow without permission you are liable to an unlimited fine and may have to replace the hedgerow.	Contact the Local Planning Authority for further information

Item	Summary	Suggested Action
Change of Use Redevelopment	Proposed changes in land use require permission from the Local Authority and are subject to conditions as part of the statutory planning process.	Contact local planning authority or speak with planning consultant

Whilst this assessment is primarily a desktop assessment of potential soil and groundwater liabilities, the above potential liability considerations that fall outside the scope of the Risk Analysis Methodology have been identified.

Additional sources of information may be available for the Site. These sources could include previous environmental reports (including audits, contaminated land investigation and remediation reports), valuation reports (including property observation checklists), a Land Quality Record, and property deeds. Argyll Environmental would be pleased to review any reports that are available and revise this report accordingly. This may entail additional fees depending upon the volume and complexity of information available. Please contact us for further information.

Contents of the Data Section

Section	Description
Tabular Summary	<p>This section presents a tabular summary of information found for the Site and surrounding area. The data is presented in three buffer zones for ease of reference: data found at the Site, from 1-250m and from 251-500m.</p> <p>If a database has been searched the number of records found will be displayed under the relevant search band. If a database is not available or has not been searched, this will be represented by the abbreviation N/A under the relevant search band.</p>
Current Land Use Mapping	<p>This section provides information on current land uses and is divided into three sections, statutory information, waste and current industrial uses. It is preceded by two maps.</p>
Statutory Information	<p>This section presents detailed statutory information for the Site and surrounding area (up to 500m depending upon dataset). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Waste	<p>This section presents detailed information on waste and landfill sites for the Site and surrounding area (up to 500m depending upon dataset). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Current Industrial Land Use	<p>This section presents detailed information on current land use for the Site and surrounding area (0-250m). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Historical Land Use Mapping	<p>The Historical Land Use Map presents 1:10,000 scale and selected 1:2,500 scale (tanks and energy facilities) historical land use information within 250m of the Site boundary.</p>
Historical Land Use	<p>This section presents selected information on historical land use for the Site and surrounding area (0-250m). The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Aquifer Designations and Geology	<p>This section is preceded by two maps that present information relating to the aquifer designations beneath the Site. The first of these maps indicates the designation of the Superficial geology. The second map presents the aquifer designation of the solid geology.</p> <p>These maps are followed by detailed information in relation to aquifer designations/groundwater vulnerability and geology at the Site and surrounding area (0-500m).</p> <p>If no data is identified then the section will be omitted.</p>
Environmental Sensitivity	<p>This section presents detailed information on the environmental sensitivity of the Site and surrounding area (up to 500m depending upon dataset) and is preceded by two maps. The first shows areas with statutory designations, the second shows source protection zones. The Map ID of each feature is indicated (where applicable) followed by specific information on each feature and its distance and direction from the Site.</p> <p>If no data is identified then the section will be omitted.</p>
Natural and Mining Related Hazards	<p>This section contains information on natural and mining related hazards which may affect the Site. These include subsidence, radon and mining.</p> <p>If no data is identified then the section will be omitted.</p>
Farm Specific Issues	<p>This section firstly presents data relating to designated features and areas that may be present on or in proximity to a farm and could affect or restrict farming operations (e.g. listed buildings, heritage sites etc.).</p> <p>If no data is identified then the section will be omitted.</p>

Soil Chemistry

This section is preceded by five maps that present information relating to the concentrations of Arsenic, Cadmium, Chromium, Lead and Nickel within soils beneath the farm and surrounding area. The maps are immediately followed by the detailed data.

If no data is identified then the section will be omitted.

Flooding Risk Information

This section presents information relating to the four main types of flooding – River flooding, Coastal/tidal flooding, surface water flooding and groundwater flooding. Some of this data will be preceded by an associated map.

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Tabular Summary (1)

Statutory Information

Authorisations	On-site	1-250m	251-500m
Local Authority Pollution Prevention and Controls	0	0	N/A
Local Authority Integrated Pollution Prevention and Controls	0	0	N/A
Integrated Pollution Controls	0	0	N/A
Integrated Pollution Prevention And Control	0	0	N/A
Registered Radioactive Substances	0	0	N/A
Discharges	On-site	1-250m	251-500m
Discharge Consents	1	6	N/A
Water Industry Act Referrals	0	0	N/A
Control of Major Accident Hazards Sites	0	2	1
Explosive Sites	0	0	0
Notification of Installations Handling Hazardous Substances	0	1	0
Planning Hazardous Substance Consents	0	6	0
Contraventions	On-site	1-250m	251-500m
Contaminated Land Register Entries and Notices	0	0	N/A
Local Authority Pollution Prevention and Control Enforcements	0	0	N/A
Enforcement and Prohibition Notices	0	0	N/A
Planning Hazardous Substance Enforcements	0	0	0
Substantiated Pollution Incident Register	0	1	0
Prosecutions Relating to Authorised Processes	0	0	N/A
Prosecutions Relating to Controlled Waters	0	0	N/A

Waste

Waste/Landfill Sites	On-site	1-250m	251-500m
BGS Recorded Landfill Sites	0	0	0
Integrated Pollution Control Registered Waste Sites	0	0	N/A
Licensed Waste Management Facilities (Landfill Boundaries)	0	0	N/A
Licensed Waste Management Facilities (Locations)	0	0	0
Local Authority Recorded Landfill Sites	0	0	0
Registered Landfill Sites	0	0	0
Registered Waste Transfer Sites	0	0	N/A
Registered Waste Treatment or Disposal Sites	0	0	N/A
Historical Landfill Sites	0	0	0

Current Land Use

Current Potentially Contaminative Uses	On-site	1-250m	251-500m
Contemporary Trade Directory Entries	0	6	N/A
Fuel Station Entries	0	0	N/A
Other Features	On-site	1-250m	251-500m
Overhead Transmission Lines	0	0	N/A

Historical Land Use

Historical Potentially Contaminative Uses	On-site	1-250m	251-500m
Potentially Contaminative Industrial Uses (Past Land Use)	5	5	N/A
Historical Tanks And Energy Facilities	1	4	N/A

Historical Land Use

Potentially Infilled Land	On-site	1-250m	251-500m
Former Marshes	0	0	N/A
Potentially Infilled Land (Non-Water)	1	0	N/A
Potentially Infilled Land (Water)	0	1	N/A

Groundwater Vulnerability

Hydrogeology	On-site	1-250m	251-500m
Superficial Aquifer Designations	4	1	0
Bedrock Aquifer Designations	11	6	0
Geology	On-site	1-250m	251-500m
BGS 1:625,000 Solid Geology	3	N/A	N/A

Environmental Sensitivity

Environmental Sensitivity	On-site	1-250m	251-500m
Areas of Outstanding Natural Beauty	0	0	N/A
Environmentally Sensitive Areas	0	0	N/A
Forest Parks	0	0	N/A
Local Nature Reserves	0	0	0
Marine Nature Reserves	0	0	0
National Nature Reserves	0	0	0
National Parks	0	0	N/A
National Scenic Areas	0	0	N/A
Nitrate Sensitive Areas	0	N/A	N/A
Nitrate Vulnerable Zones	2	N/A	N/A
Ramsar Sites	0	0	0
River Quality Biology Sampling Points	0	0	N/A
River Quality Chemistry Sampling Points	0	0	N/A
Nearest Surface Water Feature	1	0	N/A
Sites of Special Scientific Interest	0	0	0
Special Areas of Conservation	0	0	0
Special Protection Areas	0	0	0
Water Abstractions	2	4	0
Source Protection Zones	2	0	N/A

Natural and Mining Related Hazards

Subsidence	On-site	1-250m	251-500m
Collapsible Ground Stability Hazards	1	1 ²	N/A
Compressible Ground Stability Hazards	1	1	N/A
Ground Dissolution Stability Hazards	1	1	N/A
Landslide Ground Stability Hazards	1	1	N/A
Running Sand Ground Stability Hazards	1	1	N/A
Shrinking or Swelling Clay Subsidence Hazards	1	1	N/A
Non-Coal Mining Hazards	0	0	N/A
Radon	On-site	1-250m	251-500m
Radon Potential	1	N/A	N/A
Radon Protection Measures	1	N/A	N/A

²Ground stability hazards are only searched to a radius of 50m from the Site boundary.

Natural and Mining Related Hazards

Mining	On-site	1-250m	251-500m
Brine Compensation Areas	0	N/A	N/A
Coal Mining Affected Areas	0	N/A	N/A
Natural and Mining Cavities	0	0	N/A
Mining Instability	0	0	N/A
BGS Recorded Mineral Sites	0	0	N/A

Farm Specific Issues

Farm Specific Issues	On-site	1-250m	251-500m
Listed Buildings	0	3	3
World Heritage Sites	0	0	0
Scheduled Monuments	0	1	1
Historic Battlefields	0	0	0
Historic Landscapes	0	0	0
Country Parks	0	0	0
Ancient Woodlands	1	1	0

Soils	On-site	1-250m	251-500m
BGS Soil Chemistry Arsenic	2	0	0
BGS Soil Chemistry Cadmium	1	0	0
BGS Soil Chemistry Chromium	2	0	1
BGS Soil Chemistry Lead	1	0	0
BGS Soil Chemistry Nickel	3	0	0

Tabular Summary (2)

Statutory Information

Authorisations	On-site	1-250m	251-500m
Local Authority Pollution Prevention and Controls	0	0	N/A
Local Authority Integrated Pollution Prevention and Controls	0	0	N/A
Integrated Pollution Controls	0	0	N/A
Integrated Pollution Prevention And Control	0	0	N/A
Registered Radioactive Substances	0	0	N/A
Discharges	On-site	1-250m	251-500m
Discharge Consents	0	1	N/A
Water Industry Act Referrals	0	0	N/A
Control of Major Accident Hazards Sites	0	0	0
Explosive Sites	0	0	0
Notification of Installations Handling Hazardous Substances	0	0	0
Planning Hazardous Substance Consents	0	0	0
Contraventions	On-site	1-250m	251-500m
Contaminated Land Register Entries and Notices	0	0	N/A
Local Authority Pollution Prevention and Control Enforcements	0	0	N/A
Enforcement and Prohibition Notices	0	0	N/A
Planning Hazardous Substance Enforcements	0	0	0
Substantiated Pollution Incident Register	0	0	0
Prosecutions Relating to Authorised Processes	0	0	N/A
Prosecutions Relating to Controlled Waters	0	0	N/A

Waste

Waste/Landfill Sites	On-site	1-250m	251-500m
BGS Recorded Landfill Sites	0	0	0
Integrated Pollution Control Registered Waste Sites	0	0	N/A
Licensed Waste Management Facilities (Landfill Boundaries)	0	0	N/A
Licensed Waste Management Facilities (Locations)	0	0	0
Local Authority Recorded Landfill Sites	0	0	0
Registered Landfill Sites	0	0	0
Registered Waste Transfer Sites	0	0	N/A
Registered Waste Treatment or Disposal Sites	0	0	N/A
Historical Landfill Sites	0	0	0

Current Land Use

Current Potentially Contaminative Uses	On-site	1-250m	251-500m
Contemporary Trade Directory Entries	0	0	N/A
Fuel Station Entries	0	0	N/A
Other Features	On-site	1-250m	251-500m
Overhead Transmission Lines	0	0	N/A

Historical Land Use

Historical Potentially Contaminative Uses	On-site	1-250m	251-500m
Potentially Contaminative Industrial Uses (Past Land Use)	0	2	N/A
Historical Tanks And Energy Facilities	0	0	N/A

Historical Land Use

Potentially Infilled Land	On-site	1-250m	251-500m
Former Marshes	0	0	N/A
Potentially Infilled Land (Non-Water)	0	2	N/A
Potentially Infilled Land (Water)	0	0	N/A

Groundwater Vulnerability

Hydrogeology	On-site	1-250m	251-500m
Superficial Aquifer Designations	3	3	0
Bedrock Aquifer Designations	2	5	0
Geology	On-site	1-250m	251-500m
BGS 1:625,000 Solid Geology	2	N/A	N/A

Environmental Sensitivity

Environmental Sensitivity	On-site	1-250m	251-500m
Areas of Outstanding Natural Beauty	0	0	N/A
Environmentally Sensitive Areas	0	0	N/A
Forest Parks	0	0	N/A
Local Nature Reserves	0	0	0
Marine Nature Reserves	0	0	0
National Nature Reserves	0	0	0
National Parks	0	0	N/A
National Scenic Areas	0	0	N/A
Nitrate Sensitive Areas	0	N/A	N/A
Nitrate Vulnerable Zones	2	N/A	N/A
Ramsar Sites	0	0	0
River Quality Biology Sampling Points	0	0	N/A
River Quality Chemistry Sampling Points	0	0	N/A
Nearest Surface Water Feature	1	0	N/A
Sites of Special Scientific Interest	0	0	0
Special Areas of Conservation	0	0	0
Special Protection Areas	0	0	0
Water Abstractions	0	0	1
Source Protection Zones	3	0	N/A

Natural and Mining Related Hazards

Subsidence	On-site	1-250m	251-500m
Collapsible Ground Stability Hazards	1	0 ³	N/A
Compressible Ground Stability Hazards	1	0	N/A
Ground Dissolution Stability Hazards	1	1	N/A
Landslide Ground Stability Hazards	1	0	N/A
Running Sand Ground Stability Hazards	1	0	N/A
Shrinking or Swelling Clay Subsidence Hazards	1	1	N/A
Non-Coal Mining Hazards	0	0	N/A
Radon	On-site	1-250m	251-500m
Radon Potential	1	N/A	N/A
Radon Protection Measures	1	N/A	N/A

³Ground stability hazards are only searched to a radius of 50m from the Site boundary.

Natural and Mining Related Hazards

Mining	On-site	1-250m	251-500m
Brine Compensation Areas	0	N/A	N/A
Coal Mining Affected Areas	0	N/A	N/A
Natural and Mining Cavities	0	0	N/A
Mining Instability	0	0	N/A
BGS Recorded Mineral Sites	0	1	N/A

Farm Specific Issues

Farm Specific Issues	On-site	1-250m	251-500m
Listed Buildings	0	3	3
World Heritage Sites	0	0	0
Scheduled Monuments	0	1	1
Historic Battlefields	0	0	0
Historic Landscapes	0	0	0
Country Parks	0	0	0
Ancient Woodlands	1	1	0
Soils	On-site	1-250m	251-500m
BGS Soil Chemistry Arsenic	2	0	0
BGS Soil Chemistry Cadmium	1	0	0
BGS Soil Chemistry Chromium	2	0	1
BGS Soil Chemistry Lead	1	0	0
BGS Soil Chemistry Nickel	3	0	0

Flooding

Current Flood Risk	On-site	1-250m	251-500m
Flooding From Rivers or Sea	1	0	0
Flooding From Rivers or Sea (in an Extreme Event)	1	0	0
Areas Benefiting from Flood Defences	0	0	0
Flood Water Storage Areas	0	0	0
Flood Defences	2	1	0
Risk of Flooding from Rivers and Sea	3	0	0
Groundwater Flood Risk	3	0	0
Surface Water Flooding (1:75 year rainfall event)	2	0	1
Surface Water Flooding (1:200 year rainfall event)	2	1	0
Surface Water Flooding (1:1,000 year rainfall event)	2	1	0
Dam or Reservoir Failure	0	1	0
Historical Flooding	On-site	1-250m	251-500m
Historical Flood Events	0	0	0
Geological Indicators of Flooding	2	0	0
Other Flood Information	On-site	1-250m	251-500m
Surface Water Feature	18	9	9
MasterMap Water Network	64	54	27

Tabular Summary Explanation

Argyll has carefully selected a range of datasets which are considered appropriate for the intended use of this report. Each dataset is searched to a set radius from the Site boundary and the tabular summary is divided into different search bands accordingly. If a database is searched and information is found, then the number of records available are detailed in the table above. If the database was searched and no data was found, then a zero will be present. If a database was not searched then the abbreviation N/A will be found, indicating this information was not available at the radius searched.

Landfill Site Information

Registered landfill site boundaries (where available), are shown on the map as a red diagonal hatched polygon and referred to in the map legend as Registered Landfill Sites. At present no complete national dataset exists for landfill site boundaries, therefore a point grid reference provided by the data supplier is used for some landfill sites. The point grid references supplied provide only an approximate position, and can vary from the site entrance to the centre of the site. A point cannot properly define landfill boundaries therefore Landmark constructs a 250 metre or 100 metre "buffer" zone around the point to warn of the possible presence of landfill. The "buffer" zone is shown on the map as an orange crosshatched area and is referred to in the map legend as Potential Landfill Buffer.

Local Authority landfill data is sourced from individual local authorities that were able to provide information on sites operating prior to the introduction of the Control of Pollution Act (COPA) in 1974. Appropriate authorities are listed under Local Authority Landfill Coverage with an indication of whether or not they were able to make landfill data available. Details of any records identified are disclosed. You should be aware that if the local authority had landfill data but passed it to the relevant Environment Agency office, it does not necessarily mean that local authority landfill data is now included in our other Landfill datasets. In addition if no data has been made available for all or part of the search area, you should be aware that a negative response under 'Local Authority Recorded Landfill Sites' does not necessarily confirm that no local authority landfills exist.

Subsidence Hazards

Information on subsidence hazards is provided by the British Geological Survey (BGS). Information present within 250m of the Site is reported under Natural and Mining Related Hazards. Due to the level of detail of this data and the complexities of the real world, the BGS recommends a precautionary approach when using this information and advises taking the worst reading noted for each dataset within the vicinity of a property. Therefore, Argyll reports the presence of a ground stability or non-coal related mining hazard in the Risk Analysis section based on the highest reading found within 50m of the Site boundary.

Statutory Information (1)

Discharges

Discharge Consents

Map ID	Details	Distance	Direction
1	Operator: Sentry Farms Group Plc, Property Type: Arable Farming, Location: Park Farm Essendine, Stamford, Lincs, Pe9 3ur, Authority: Environment Agency, Anglian Region, Catchment Area: Catchment 29 Unknown Detail, Permit Ref: Gwnlf40738, Permit Version: 1, Effective Date: 1st April 1999, Issued Date: 19th July 2000, Revocation Date: Not Supplied, Discharge Type: Trade Discharge - Agricultural And Surface, Discharge Environment: Onto Land, Receiving Water: Groundwater, Status: Deemed Groundwater Regulations Authorisation, Positional Accuracy: Located by supplier to within 10m.	On Site	E
2	Operator: Anglian Water Services Limited, Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY), Location: Essendine Terminal Pumping Station, Bourne Road Essendine, Stamford, Lincolnshire, Pe9 4lh, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Aw5nf5257, Permit Version: 2, Effective Date: 25th August 2020, Issued Date: 25th August 2020, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Pumping Station - Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: The West Glen, Status: Varied under EPR 2010, Positional Accuracy: Located by supplier to within 10m.	111m	NW
3	Operator: Anglian Water Services Limited, Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY), Location: Essendine Terminal Pumping Station, Bourne Road Essendine, Stamford, Lincolnshire, Pe9 4lh, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Aw5nf5257, Permit Version: 2, Effective Date: 25th August 2020, Issued Date: 25th August 2020, Revocation Date: Not Supplied, Discharge Type: Public Sewage: Storm Sewage Overflow, Discharge Environment: Freshwater Stream/River, Receiving Water: The West Glen, Status: Varied under EPR 2010, Positional Accuracy: Located by supplier to within 10m.	111m	NW
4	Operator: Tarmac Roadstone Ltd (East Midlands), Property Type: Undefined Or Other, Location: Essendine Sand And Gravel Pit Greatford Road, Essendine, Leics, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Pr5nf5162, Permit Version: 1, Effective Date: 5th June 1986, Issued Date: 5th June 1986, Revocation Date: 26th February 1992, Discharge Type: Trade Effluent, Discharge Environment: Freshwater Stream/River, Receiving Water: River West Glen, Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989, Positional Accuracy: Located by supplier to within 10m.	166m	SE
5	Operator: Anglian Water Services Limited, Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY), Location: Essendine Terminal Pumping Station, Bourne Road Essendine, Stamford, Lincolnshire, Pe9 4lh, Authority: Environment Agency, Anglian Region, Catchment Area: Not Given, Permit Ref: Aw5nf5257, Permit Version: 1, Effective Date: 31st July 1989, Issued Date: 31st July 1989, Revocation Date: 24th August 2020, Discharge Type: Public Sewage: Storm Sewage Overflow, Discharge Environment: Freshwater Stream/River, Receiving Water: West Glen, Status: Post National Rivers Authority Legislation where issue date > 31/08/1989, Positional Accuracy: Located by supplier to within 100m.	172m	NW
6	Operator: Anglian Water Services Limited, Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY), Location: Essendine Terminal Pumping Station, Bourne Road Essendine, Stamford, Lincolnshire, Pe9 4lh, Authority: Environment Agency, Anglian Region, Catchment Area: Not Given, Permit Ref: Aw5nf453, Permit Version: 1, Effective Date: 11th February 1969, Issued Date: 11th February 1969, Revocation Date: 6th June 1989, Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company, Discharge Environment: Into And/Or Watercourse, Receiving Water: West Glen, Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989, Positional Accuracy: Located by supplier to within 100m.	172m	NW

Discharge Consents

Map ID	Details	Distance	Direction
7	Operator: Anglian Water Services Limited, Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY), Location: Essendine Terminal Pumping Station, Bourne Road Essendine, Stamford, Lincolnshire, Pe9 4lh, Authority: Environment Agency, Anglian Region, Catchment Area: Not Given, Permit Ref: Aw5nf453, Permit Version: 1, Effective Date: 11th February 1969, Issued Date: 11th February 1969, Revocation Date: 6th June 1989, Discharge Type: Storm /emergency overflow, Discharge Environment: Into And/Or Watercourse, Receiving Water: West Glen, Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989, Positional Accuracy: Located by supplier to within 100m.	172m	NW

Hazardous Sites

Control of Major Accident Hazard Sites (COMAH)

Map ID	Details	Distance	Direction
8	Name: The Heys Group Ltd, Location: Meadow Park Industrial Estate, Bourne Road, Essendine, Stamford, Lincolnshire, PE9 4LT, Reference: Not Supplied, Type: Upper Tier, Status: Active, Positional Accuracy: Automatically positioned to the address.	159m	W
9	Name: Heys Group Limited (The), Location: Essendine, Bourne Road, Stamford, Pe9, Reference: Not Supplied, Type: Upper Tier, Status: Active, Positional Accuracy: Manually positioned to the address or location.	179m	NW
10	Name: Heys Group Ltd (The), Location: Essendine, Bourne Road, Stamford, Rutland, Pe9, 4LE, Reference: Not Supplied, Type: Upper Tier, Status: Active, Positional Accuracy: Manually positioned within the geographical locality.	289m	NW

Notification of Installations Handling Hazardous Substances (NIHHS)

Map ID	Details	Distance	Direction
11	Name: Stamford Storage Limited, Location: Bourne Road Near, STAMFORD, Lincolnshire, PE9 4LT, Status: Not Active, Positional Accuracy: Automatically positioned in the proximity of the address.	218m	NW

Planning Hazardous Substance Consents

Map ID	Details	Distance	Direction
12	Name: Stamford Storage, Location: Bourne Road, Essendine, STAMFORD, Lincolnshire, PE9 4LT, Authority: Rutland Unitary Council, Planning Support, Application Ref: Hza/1992/0536, Hazardous Substance: Bromine, Maximum Quantity: 1200 Bromine, Application Date: 28th September 1992, Decision: Deemed Consent Granted, Positional Accuracy: Located by supplier to within 10m.	151m	NW
13	Name: Stamford Storage, Location: Bourne Road, Essendine, Authority: Rutland Unitary Council, Planning Support, Application Ref: Hza/1999/0877, Hazardous Substance: Phosphorus trihydride (phosphine), Maximum Quantity: 0 Phosphorus trihydride (phosphine), Application Date: 22nd December 1999, Decision: Withdrawn, Positional Accuracy: Located by supplier to within 10m.	151m	NW
14	Name: Stamford Storage, Location: Bourne Road, Essendine, Authority: Rutland Unitary Council, Planning Support, Application Ref: Hza/2004/0898, Hazardous Substance: Unknown at time of report, Maximum Quantity: 0 Unknown at time of report, Application Date: 26th August 1994, Decision: Deemed Consent Granted, Positional Accuracy: Located by supplier to within 10m.	151m	NW

Planning Hazardous Substance Consents

Map ID	Details	Distance	Direction
15	Name: Stamford Storage, Location: Bourne Road, Essendine, STAMFORD, Lincolnshire, PE9 4LT, Authority: Rutland Unitary Council, Planning Support, Application Ref: Hza/1992/0536, Hazardous Substance: Ammonium nitrate and ammonium nitrate compounds (where nitrogen content is more than 28% by weight) or aqueous ammonium nitrate solutions (where concentration of ammonium nitrate is more than 90% by weight), Maximum Quantity: 15000 Ammonium nitrate and ammonium nitrate compounds (where nitrogen content is more than 28% by weight) or aqueous ammonium nitrate solutions (where concentration of ammonium nitrate is more than 90% by weight), Application Date: 28th September 1992, Decision: Deemed Consent Granted, Positional Accuracy: Located by supplier to within 10m.	151m	NW
16	Name: Stamford Storage, Location: Meadow Park Industrial Estate, Bourne Road, Essendine, Stamford, Lincolnshire, Pe9 4lt, Authority: Rutland Unitary Council, Planning Support, Application Ref: Hza/1992/0536, Hazardous Substance: Part A, Toxic Substance, Methyl bromide (Bromoethane), where amount held is greater than or equal to 200 tonnes, Maximum Quantity: 516 Part A, Toxic Substance, Methyl bromide (Bromoethane), where amount held is greater than or equal to 200 tonnes, Application Date: 28th September 1992, Decision: Deemed Consent Granted, Positional Accuracy: Located by supplier to within 10m.	151m	NW
17	Name: Baxters Warehousing Peterborough Ltd, Location: Pt Os 7352, Bourne Road, Essendine, Authority: Rutland Unitary Council, Planning Support, Application Ref: Ful/1985/0217, Hazardous Substance: Ammonium nitrate and ammonium nitrate compounds (where nitrogen content is more than 28% by weight) or aqueous ammonium nitrate solutions (where concentration of ammonium nitrate is more than 90% by weight), Maximum Quantity: 10000 Ammonium nitrate and ammonium nitrate compounds (where nitrogen content is more than 28% by weight) or aqueous ammonium nitrate solutions (where concentration of ammonium nitrate is more than 90% by weight), Application Date: 4th June 1985, Decision: Deemed Consent Granted, Positional Accuracy: Located by supplier to within 100m.	222m	NW

Contraventions

Substantiated Pollution Incident Register

Map ID	Details	Distance	Direction
18	Authority: Environment Agency - Anglian Region, Northern Area, Date: 7th February 2002, Incident Ref: 56875, Pollutant: 1.Contaminated Water: Firefighting Run-Off, 2.Oils And Fuel: Other Oil Or Fuel, Water Impact: Category 2 - Significant Incident, Air Impact: Category 2 - Significant Incident, Land Impact: Category 3 - Minor Incident, Positional Accuracy: Located by supplier to within 10m.	194m	NW

Current Land Use (1)

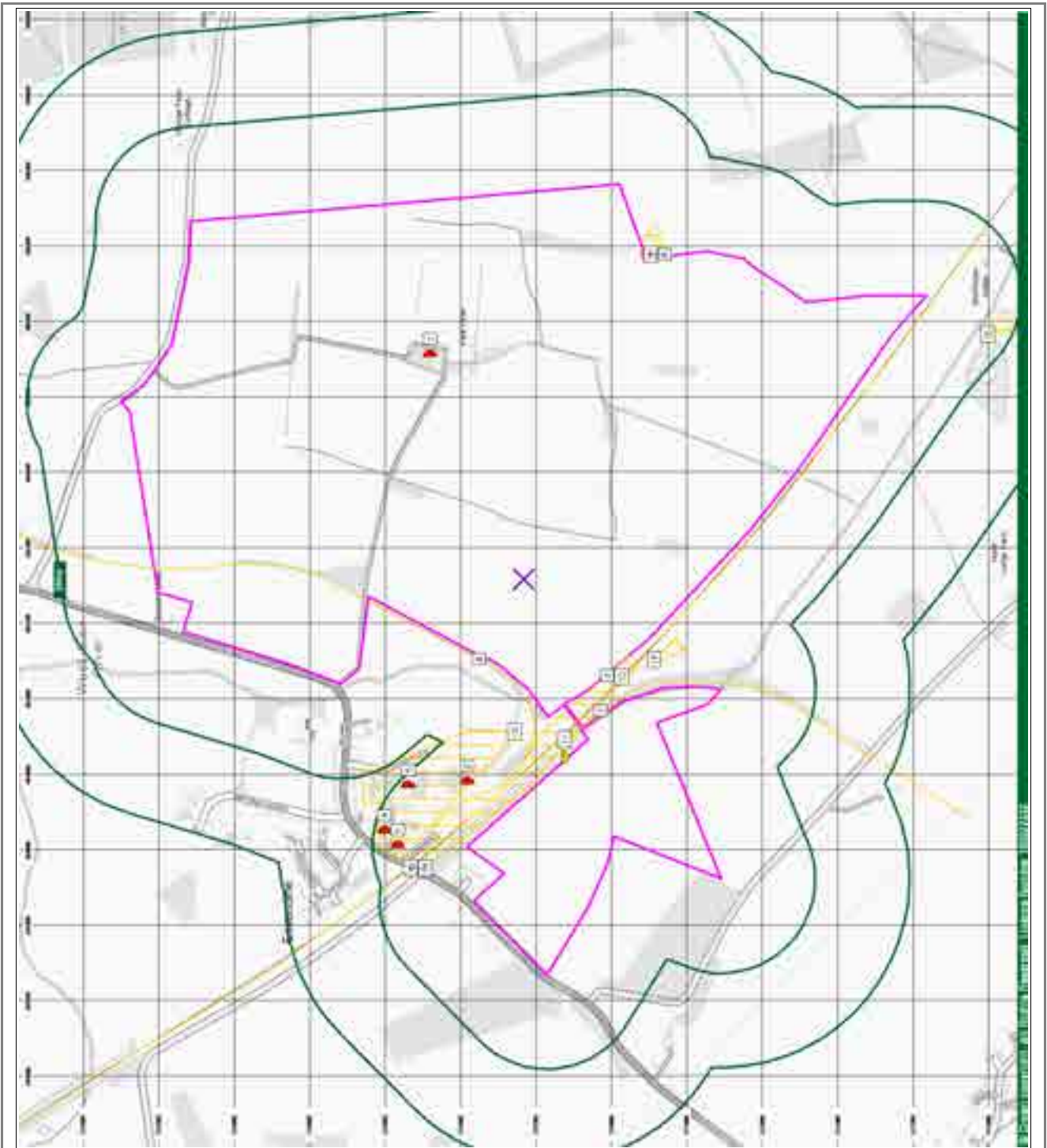
Current Potentially Contaminative Uses

Contemporary Trade Directory Entries

Map ID	Details	Distance	Direction
19	Firework Stockists, Name: Enterprises Unlimited Special Effects, Status: Inactive, Location: Unit 10, Glen Industrial Estate, Essendine, Stamford, Lincolnshire, PE9 4LE, Positional Accuracy: Automatically positioned to the address.	202m	NW
20	Control Panels, Name: Control Systems Technology Ltd, Status: Inactive, Location: Unit 7, Glen Industrial Estate, Essendine, Stamford, Lincolnshire, PE9 4LE, Positional Accuracy: Automatically positioned to the address.	206m	NW
21	Builders' Merchants, Name: Mcarthur Group Ltd, Status: Inactive, Location: Unit 12A, Glen Industrial Estate, Essendine, Stamford, Lincolnshire, PE9 4LE, Positional Accuracy: Automatically positioned to the address.	211m	NW

Contemporary Trade Directory Entries

Map ID	Details	Distance	Direction
22	Garage Services, Name: Motor-Tech Automotive, Status: Active, Location: Unit 7, Glen Industrial Estate, Essendine, Stamford, PE9 4LE, Positional Accuracy: Automatically positioned to the address.	212m	NW
23	Road Haulage Services, Name: C D Fisher, Status: Inactive, Location: Bourne Rd, Essendine, Stamford, Lincolnshire, PE9 4LT, Positional Accuracy: Manually positioned to the road within the address or location.	239m	NW
24	Greeting Card Publishers & Wholesalers, Name: Images & Editions Ltd, Status: Inactive, Location: Meadow Park Industrial Estate, Bourne Road, Essendine, Stamford, Lincolnshire, PE9 4UW, Positional Accuracy: Automatically positioned to the address.	246m	NW



Historical Land Uses within 250m

- General**
 - Site Boundary
 - Search Buffer
 - Bearing Reference Point
 - Grid Lines
 - Reference Number
- Potentially Contaminative Uses**
 - Point Feature
 - Area Feature
 - Line Feature
- Potentially Infilled Land**
 - Point Feature
 - Area Feature
 - Line Feature
- Former Manholes**
 - Point Feature
 - Area Feature
 - Line Feature
- Historical Tanks and Energy Facilities**
 - Point Feature

Historical Land Use (1)

Historical Potentially Contaminative Uses

Historical Tanks and Energy Facilities

Map ID	Details	Distance	Direction
1	Tanks, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	On Site	NE
2	Tanks, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	130m	W
3	Petroleum Storage Facilities, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	187m	NW
4	Electricity Industry Facilities, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	223m	NW
5	Tanks, Scale of Mapping: 1:2,500, Date of Mapping: 1975.	225m	NW

Potentially Contaminative Industrial Uses (Past Land Use)

Map ID	Details	Distance	Direction
10	Railways, Date of Mapping: 1892-1983.	On Site	SW
6	Railways, Date of Mapping: 1892-1958.	On Site	SW
7	Railways, Date of Mapping: 1892-1958.	On Site	SW
8	Railways, Date of Mapping: 1891-1958.	On Site	NW
9	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1892-1905.	On Site	E
11	Oil, petroleum & gas refining & storage, Date of Mapping: 1905-1958.	7m	W
12	Factory or works - use not specified, Date of Mapping: 1983.	96m	W
13	Railways, Date of Mapping: 1983.	161m	W
14	Railways, Date of Mapping: 1891-1958.	161m	W
15	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1983.	185m	SE

Potentially Infilled Land

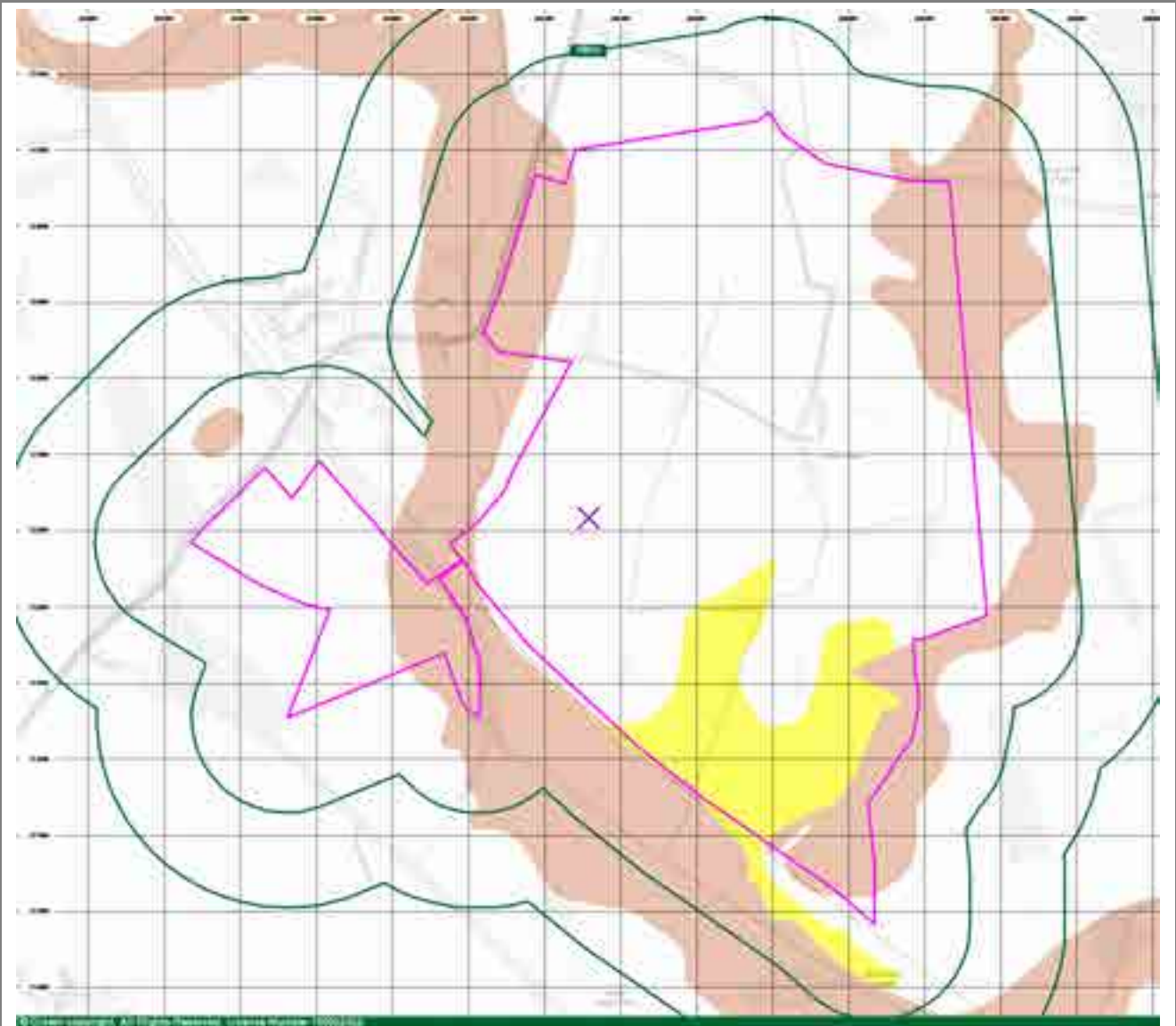
Potentially Infilled Land (Non-Water)

Map ID	Details	Distance	Direction
16	Unknown Filled Ground (Pit, quarry etc), Date of Mapping: 1983.	On Site	E


Potentially Infilled Land (Water)

Map ID	Details	Distance	Direction
17	Unknown Filled Ground (Pond, marsh, river, stream, dock etc), Date of Mapping: 1905.	49m	SW

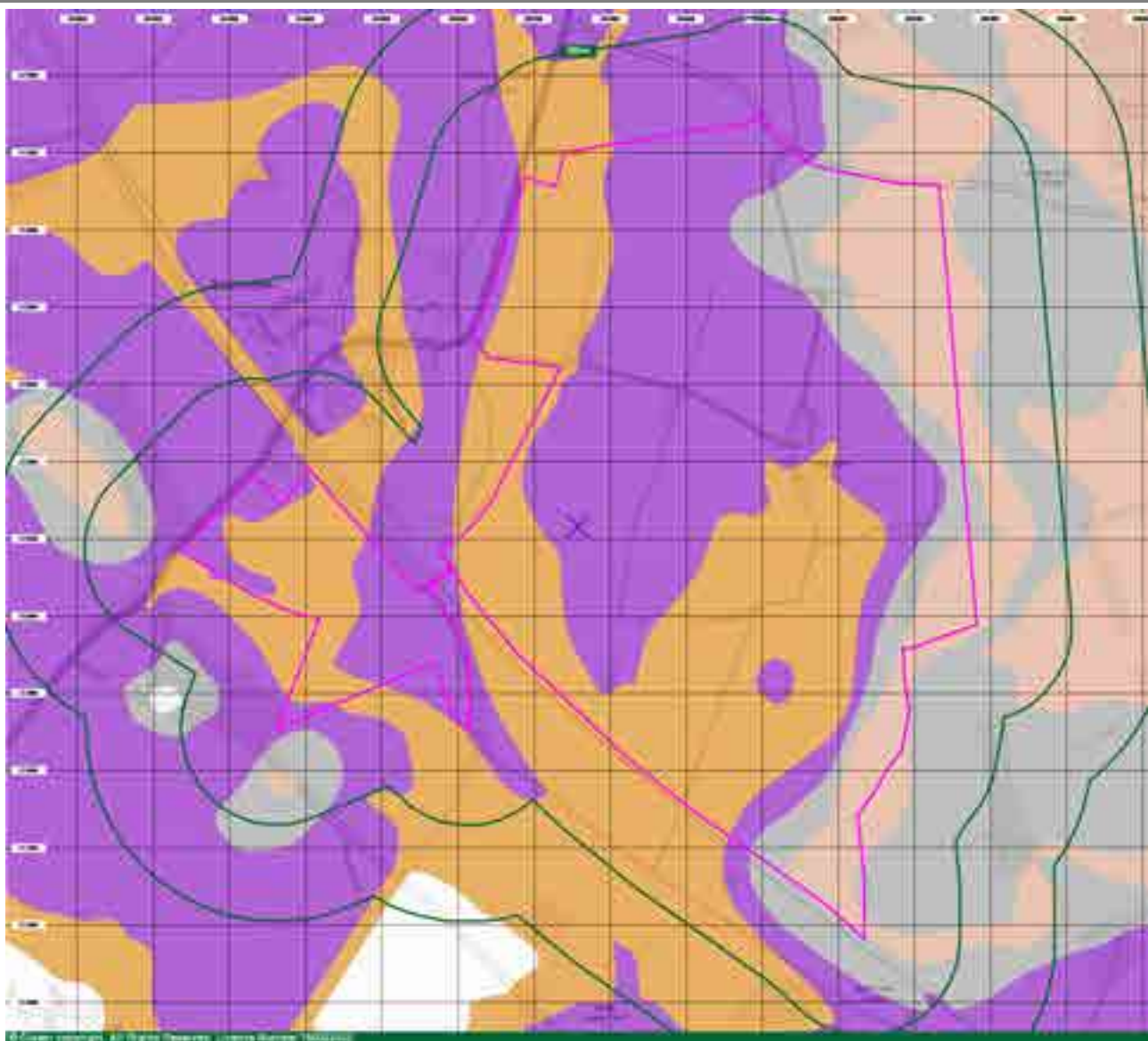
Aquifer Designation (Superficial) (1)



Aquifer Designations

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Aquifer Designation (Bedrock) (1)



Aquifer Designations

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Groundwater Vulnerability (1)

Hydrogeology

Superficial Aquifer Designations

Map ID	Details	Distance	Direction
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	W
	<p>Secondary Aquifer - Undifferentiated</p> <p>These aquifers have a variable permeability, yielding varying amounts of groundwater at different locations but not capable of supporting water supplies at a more than a local scale.</p>	On Site	SE
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	SE
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	NW
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	99m	W

Bedrock Aquifer Designations

Map ID	Details	Distance	Direction
	<p>Secondary Aquifer - B</p> <p>These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.</p>	On Site	W
	<p>Secondary Aquifer - B</p> <p>These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.</p>	On Site	NW
	<p>Secondary Aquifer - A</p> <p>These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.</p>	On Site	E
	<p>Principal Aquifer</p> <p>These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.</p>	On Site	-
	<p>Principal Aquifer</p> <p>These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.</p>	On Site	SE
	<p>Unproductive Strata</p> <p>The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.</p>	On Site	NE
	<p>Principal Aquifer</p> <p>These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.</p>	On Site	SW

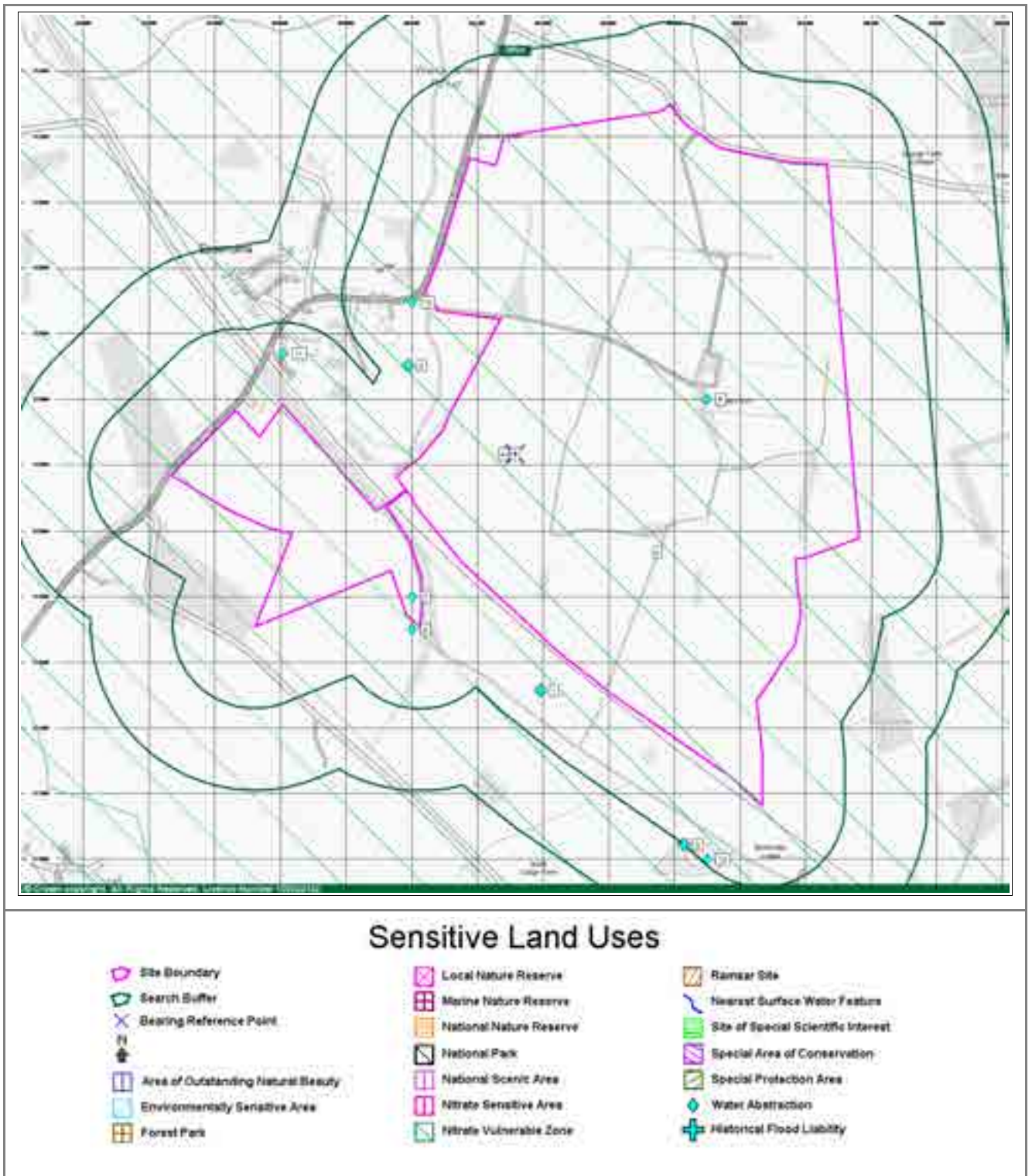
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	On Site	NW
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	On Site	W
Secondary Aquifer - B These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.	On Site	SW
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	On Site	W
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	28m	SW
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	81m	W
Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	86m	NW
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	108m	SW
Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	145m	W
Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	165m	SW

Geology

BGS 1:625,000 Solid Geology

Map ID	Details	Distance	Direction
	Kellaways Formation And Oxford Clay Formation (Undifferentiated).	On Site	E
	Great Oolite Group.	On Site	-
	Inferior Oolite Group.	On Site	W

Sensitive Land Uses (1)



Source Protection Zones (1)



Source Protection Zones

- | | | |
|-------------------------|---|--|
| Site Boundary | Inner zone (Zone 1) | Total catchment (Zone 3) |
| Search Buffer | Inner zone - subsurface activity only (Zone 1c) | Total catchment - subsurface activity only (Zone 3c) |
| Bearing Reference Point | Outer zone (Zone 2) | Special interest (Zone 4) |
| N | Outer zone - subsurface activity only (Zone 2c) | |

Environmentally Sensitive Features (1)

Nitrate Vulnerable Zones

Map ID	Details	Distance	Direction
4	Name: Lincolnshire Limestone, Description: Groundwater, Source: Environment Agency, Head Office.	On Site	-
5	Name: Glen Nvz, Description: Surface Water, Source: Environment Agency, Head Office.	On Site	-

Nearest Surface Water Feature

Map ID	Details	Distance	Direction
6	Surface water feature identified in proximity.	On Site	SE

Water Abstractions

Map ID	Details	Distance	Direction
7	Operator: Mr H E Parkinson, Licence Number: 5/31/11/*s/025, Permit Version: Not Supplied, Location: River Glen At, ESSENDINE, Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 4, Yearly Rate (m ³): 750000, Status: Revoked, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	On Site	SW
8	Operator: E W Brown & Son, Licence Number: 5/31/11/*G/0010, Permit Version: 100, Location: Borehole At Park Farm, Authority: Environment Agency, Anglian Region, Abstraction: General Farming And Domestic, Abstraction Type: Water may be abstracted from a single point, Source: Groundwater, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, South Lincolnshire Limestone; Status: Perpetuity, Authorised Start: 01 January, Authorised End: 31 December, Permit Start Date: 1st February 1966, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	On Site	E
9	Operator: H E Parkinson, Licence Number: 5/31/11/*S/0023, Permit Version: 100, Location: R. Glen, Broadholme Farm, Authority: Environment Agency, Anglian Region, Abstraction: General Agriculture: Spray Irrigation - Direct, Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints, Source: Surface, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, Status: Perpetuity, Authorised Start: 01 April, Authorised End: 31 October, Permit Start Date: 1st April 2000, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	24m	SW
10	Operator: Mr H E Parkinson, Licence Number: 5/31/11/*s/023, Permit Version: Not Supplied, Location: River Glen, Broadholme Farm , Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 4, Yearly Rate (m ³): 750000, Status: Perpetuity, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	44m	NW
11	Operator: Allis-Chalmers Great Britain, Licence Number: 5/31/11/*g/050, Permit Version: Not Supplied, Location: Bore At Essindine, STAMFORD, Authority: Environment Agency, Anglian Region, Abstraction: Cooling, Abstraction Type: Not Supplied, Source: Well And Borehole, Daily Rate(m ³): 5, Yearly Rate (m ³): 50000, South Lincolnshire Limestone; Status: Revoked, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	157m	NW
12	Operator: Mr H E Parkinson, Licence Number: 5/31/11/*s/023, Permit Version: Not Supplied, Location: River Glen, Broadholme Farm , Authority: Environment Agency, Anglian Region, Abstraction: Spray Irrigation, Abstraction Type: Not Supplied, Source: Stream, Daily Rate(m ³): 4, Yearly Rate (m ³): 750000, Status: Perpetuity, Authorised Start: Not Supplied, Authorised End: Not Supplied, Permit Start Date: Not Supplied, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	236m	SE

Source Protection Zones

Map ID	Details	Distance	Direction
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Name: , 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.	On Site	N
Name: , Source: Environment Agency, Head Office, Reference: Not Supplied, Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	On Site	N

Natural and Mining Related Hazards (1)

Subsidence

Collapsible Ground Stability Hazards

Details	Distance	Direction
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	W
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	30m	SW

Compressible Ground Stability Hazards

Details	Distance	Direction
Risk: Moderate, Source: British Geological Survey, National Geoscience Information Service.	On Site	W
Risk: No Hazard, Source: British Geological Survey, National Geoscience Information Service.	30m	SW

Ground Dissolution Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	E
Risk: No Hazard, Source: British Geological Survey, National Geoscience Information Service.	28m	SW

Landslide Ground Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	SW
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	20m	W

Running Sand Ground Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	NW
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	30m	SW

Shrinking or Swelling Clay Subsidence Hazards

Details	Distance	Direction
Risk: Moderate, Source: British Geological Survey, National Geoscience Information Service.	On Site	NE
Risk: Moderate, Source: British Geological Survey, National Geoscience Information Service.	28m	SW

Radon

Radon Potential

Details	Distance	Direction
The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level)., Source: British Geological Survey, National Geoscience Information Service.	On Site	SW

Radon Protective Measures

Details	Distance	Direction
Full, Source: British Geological Survey, National Geoscience Information Service.	On Site	SW

Statutory Information (2)

Discharges

Discharge Consents

Map ID	Details	Distance	Direction
1	Operator: Mrs Clare Alliston, Property Type: Domestic Property (Single), Location: Lodge Cottage, Carlby Road, Braceborough, Stamford, Pe9 4nu, Authority: Environment Agency, Anglian Region, Catchment Area: Not Supplied, Permit Ref: Eprkb3299rf, Permit Version: 1, Effective Date: 12th July 2018, Issued Date: 12th July 2018, Revocation Date: Not Supplied, Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company, Discharge Environment: Freshwater Stream/River, Receiving Water: Ditch Leading To River Glen, Status: New issued under EPR 2010, Positional Accuracy: Located by supplier to within 10m.	191m	N

Historical Land Use (2)

Historical Potentially Contaminative Uses

Potentially Contaminative Industrial Uses (Past Land Use)

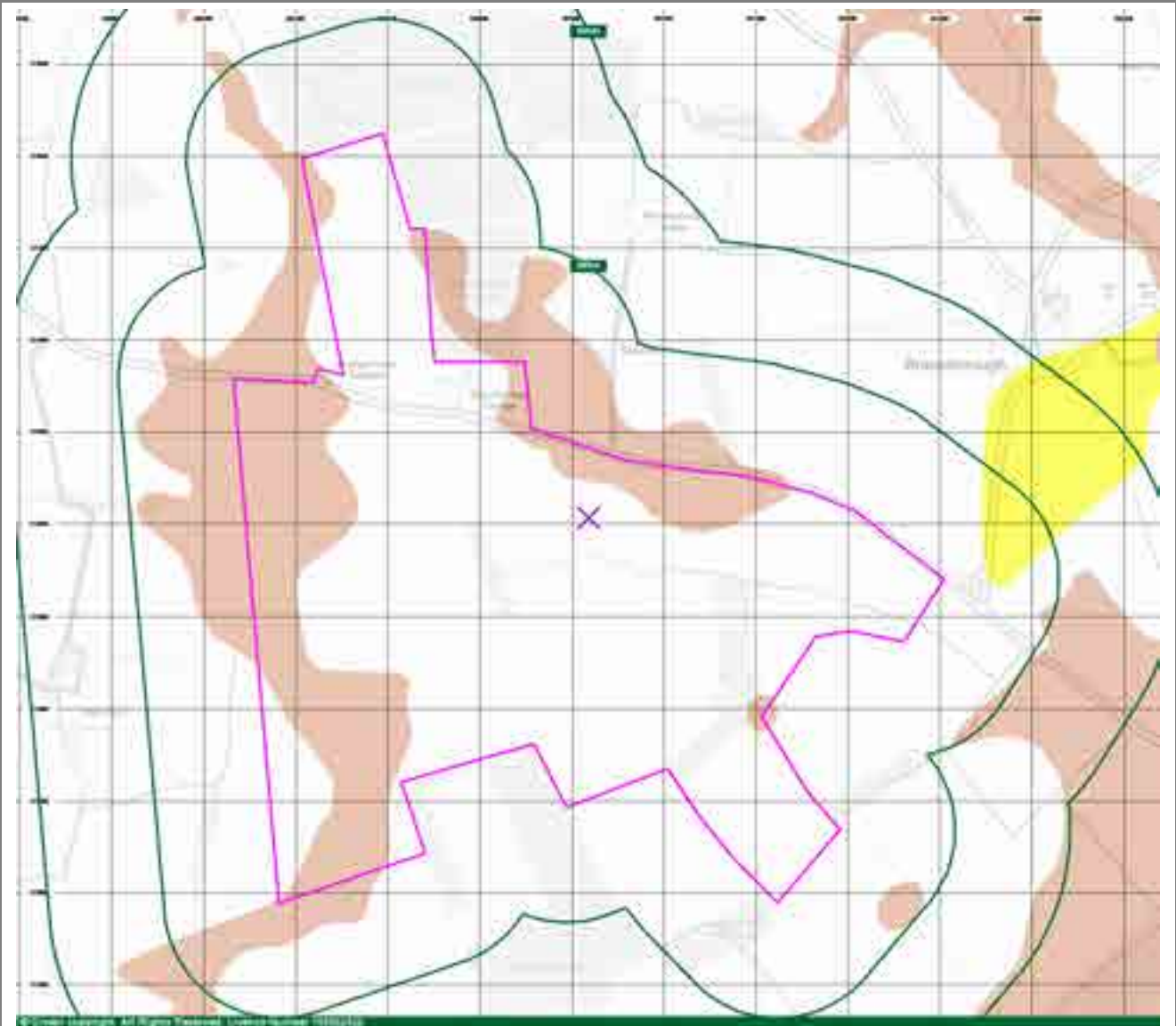
Map ID	Details	Distance	Direction
1	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1892-1905.	149m	SW
2	Quarrying of sand & clay, operation of sand & gravel pits, Date of Mapping: 1892.	236m	E

Potentially Infilled Land

Potentially Infilled Land (Non-Water)

Map ID	Details	Distance	Direction
3	Unknown Filled Ground (Pit, quarry etc), Date of Mapping: 1983.	149m	SW
4	Unknown Filled Ground (Pit, quarry etc), Date of Mapping: 1983.	236m	E

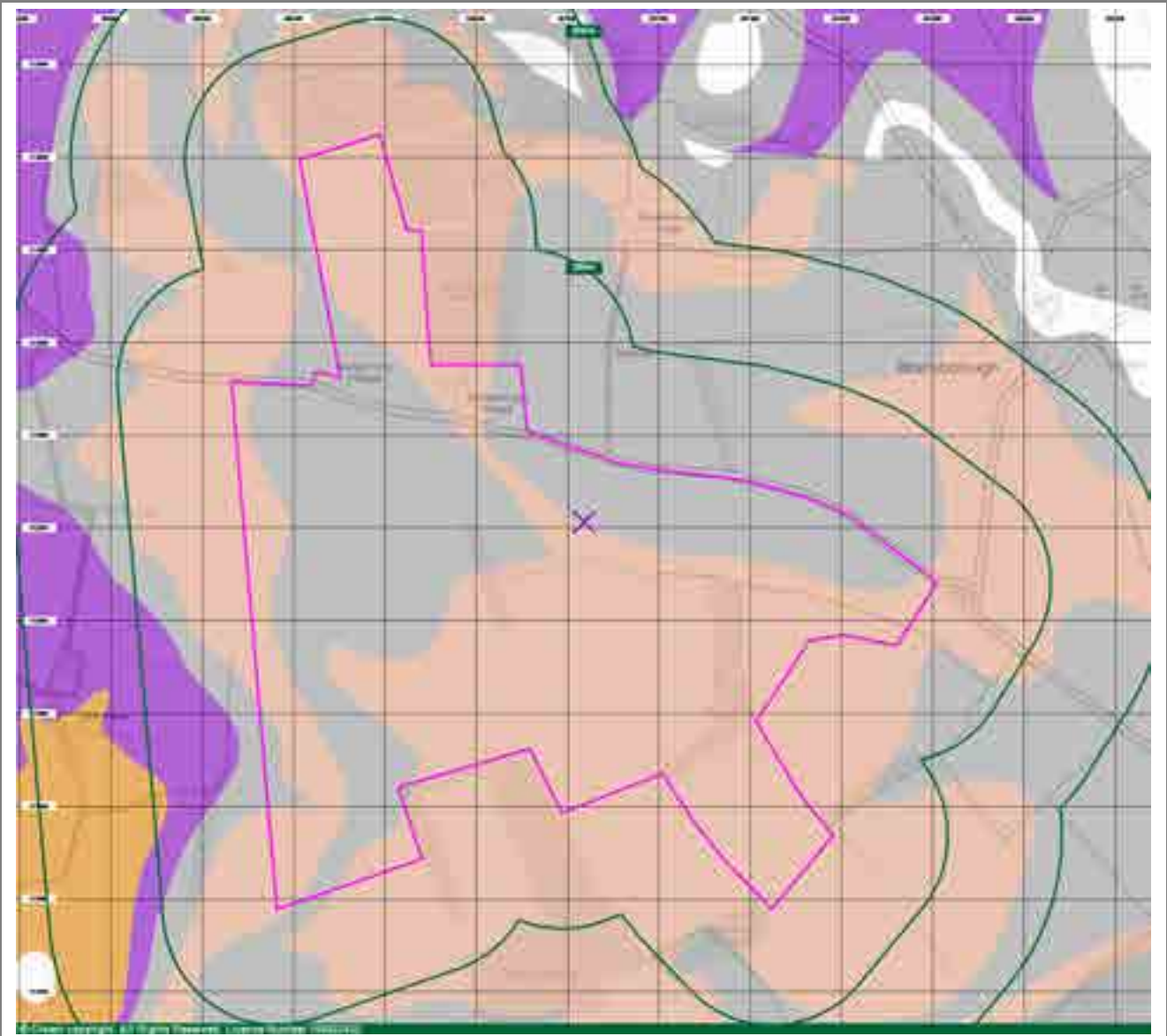
Aquifer Designation (Superficial) (2)




Aquifer Designations

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Aquifer Designation (Bedrock) (2)



Aquifer Designations

-  Site Boundary
-  Search Buffer
-  Bearing Reference Point
-  N
-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown

Groundwater Vulnerability (2)

Hydrogeology

Superficial Aquifer Designations

Map ID	Details	Distance	Direction
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	N
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	SE
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	W
	Secondary Aquifer - Undifferentiated These aquifers have a variable permeability, yielding varying amounts of groundwater at different locations but not capable of supporting water supplies at a more than a local scale.	92m	E
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	163m	SE
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	219m	SE

Bedrock Aquifer Designations

Map ID	Details	Distance	Direction
	Unproductive Strata The rock layers or drift deposits have a low permeability that have negligible significance for water supply or river base flow.	On Site	-
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	On Site	SW
	Principal Aquifer These aquifers are typically formed of layers of rock or drift deposits that have a high permeability and provide a high level of water storage. They may support water supply and/or base river flow on a strategic scale.	50m	N
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	164m	N
	Secondary Aquifer - B These aquifers are formed of predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable layers and weathering.	218m	SW
	Secondary Aquifer - A These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.	233m	SE

Secondary Aquifer - A

235m

N

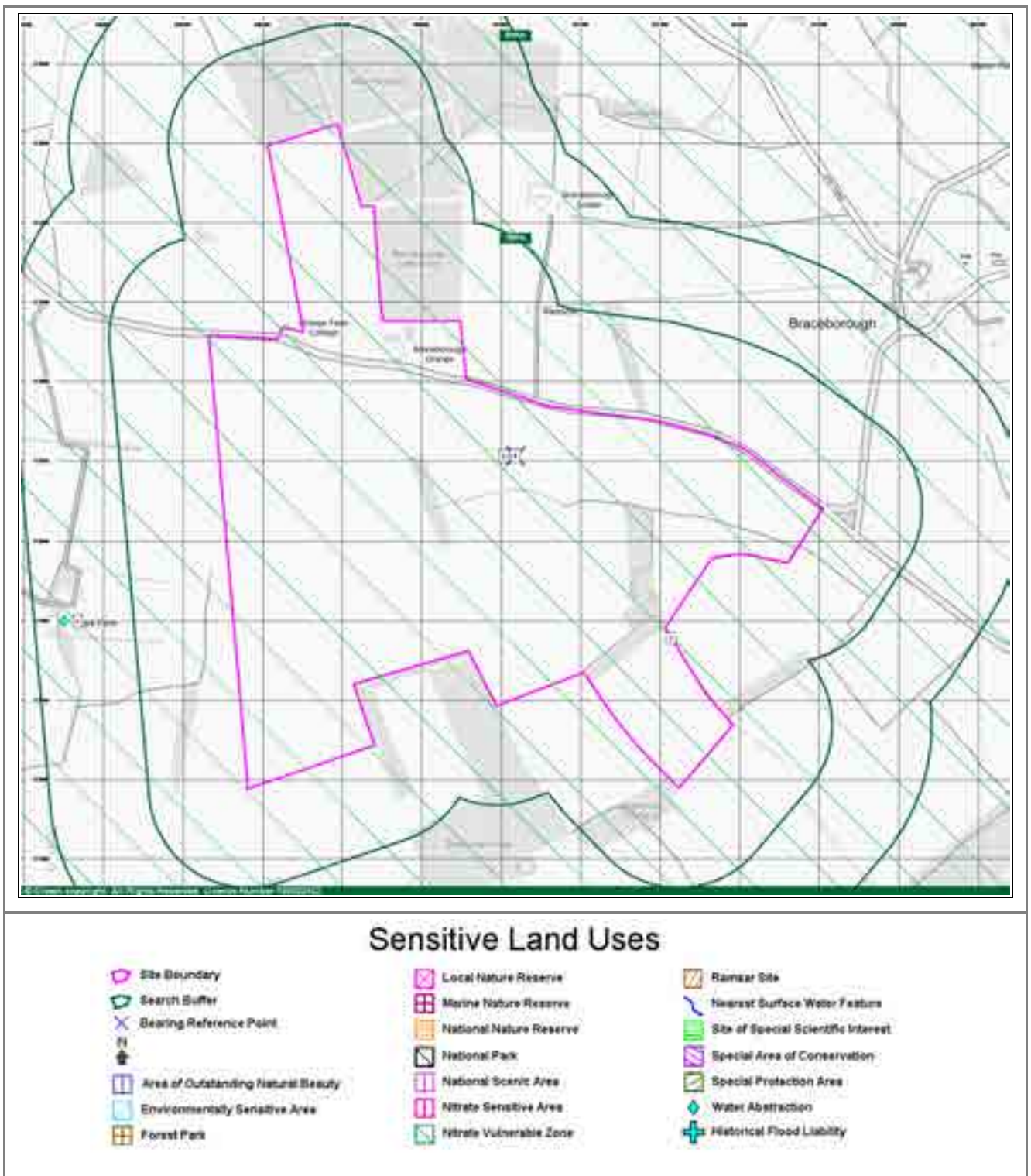
These aquifers are formed of moderately permeable layers capable of supporting water supplies at a local scale, and in some cases forming an important source of base flow to rivers.

Geology

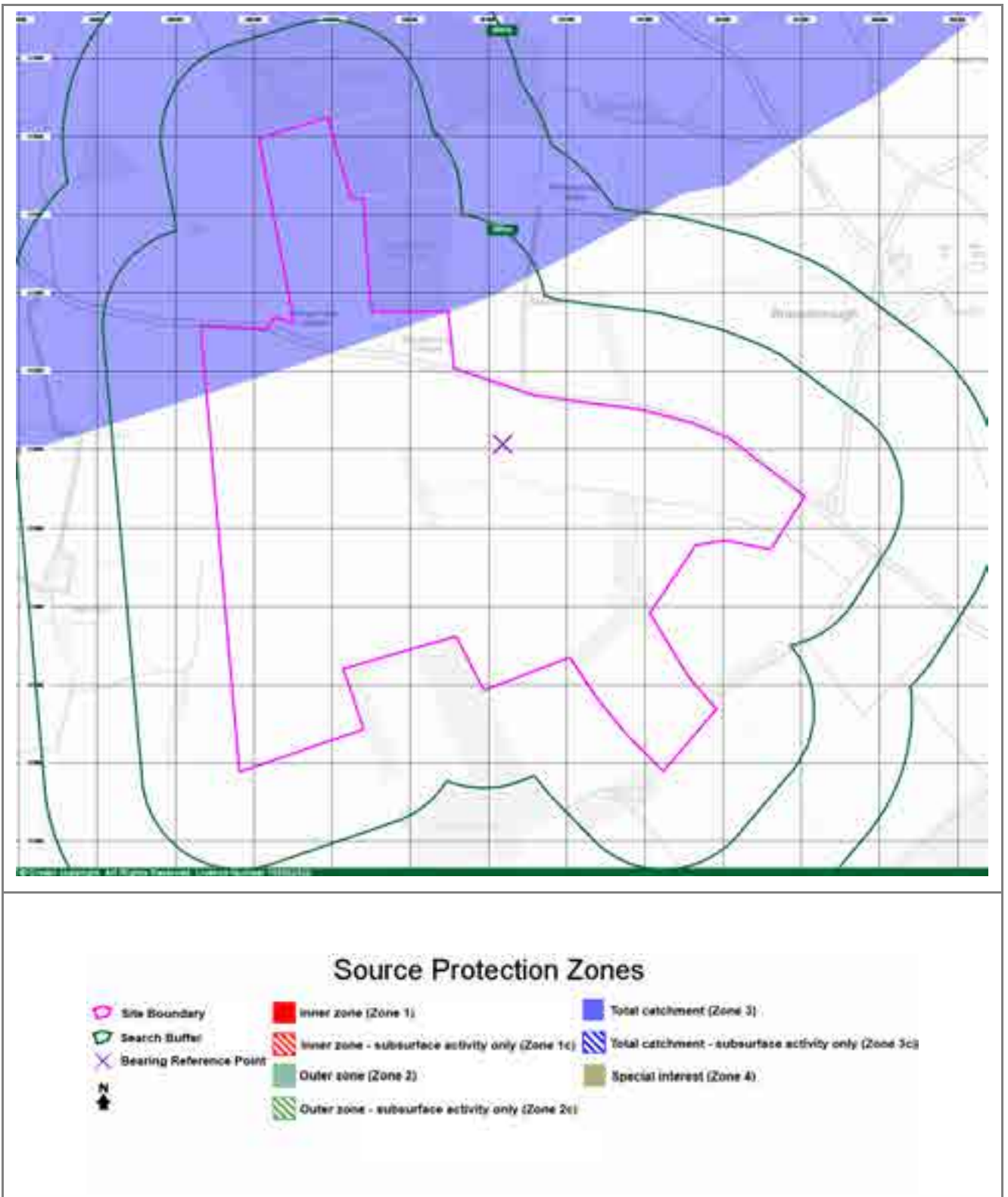
BGS 1:625,000 Solid Geology

Map ID	Details	Distance	Direction
	Kellaways Formation And Oxford Clay Formation (Undifferentiated).	On Site	-
	Great Oolite Group.	On Site	W

Sensitive Land Uses (2)



Source Protection Zones (2)



Environmentally Sensitive Features (2)

Nitrate Vulnerable Zones

Map ID	Details	Distance	Direction
1	Name: Glen Nvz, Description: Surface Water, Source: Environment Agency, Head Office.	On Site	-
2	Name: Lincolnshire Limestone, Description: Groundwater, Source: Environment Agency, Head Office.	On Site	-

Nearest Surface Water Feature

Map ID	Details	Distance	Direction
3	Surface water feature identified in proximity.	On Site	SE

Water Abstractions

Map ID	Details	Distance	Direction
4	Operator: E W Brown & Son, Licence Number: 5/31/11/*G/0010, Permit Version: 100, Location: Borehole At Park Farm, Authority: Environment Agency, Anglian Region, Abstraction: General Farming And Domestic, Abstraction Type: Water may be abstracted from a single point, Source: Groundwater, Daily Rate(m ³): Not Supplied, Yearly Rate (m ³): Not Supplied, South Lincolnshire Limestone; Status: Perpetuity, Authorised Start: 01 January, Authorised End: 31 December, Permit Start Date: 1st February 1966, Permit End Date: Not Supplied, Positional Accuracy: Located by supplier to within 10m.	426m	W

Source Protection Zones

Map ID	Details	Distance	Direction
	Name: , 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.	On Site	N
	Name: , Source: Environment Agency, Head Office, Reference: Not Supplied, Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	On Site	N
	Name: , Source: Environment Agency, Head Office, Reference: Not Supplied, Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	On Site	N

Natural and Mining Related Hazards (2)

Subsidence

Collapsible Ground Stability Hazards

Details	Distance	Direction
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	-

Compressible Ground Stability Hazards

Details	Distance	Direction
Risk: No Hazard, Source: British Geological Survey, National Geoscience Information Service.	On Site	-

Ground Dissolution Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	W
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	50m	SW

Landslide Ground Stability Hazards

Details	Distance	Direction
Risk: Very Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	-

Running Sand Ground Stability Hazards

Details	Distance	Direction
Risk: Low, Source: British Geological Survey, National Geoscience Information Service.	On Site	SW

Shrinking or Swelling Clay Subsidence Hazards

Details	Distance	Direction
Risk: Moderate, Source: British Geological Survey, National Geoscience Information Service.	On Site	-
Risk: No Hazard, Source: British Geological Survey, National Geoscience Information Service.	50m	SW

Radon

Radon Potential

Details	Distance	Direction
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.	On Site	-

Radon Protective Measures

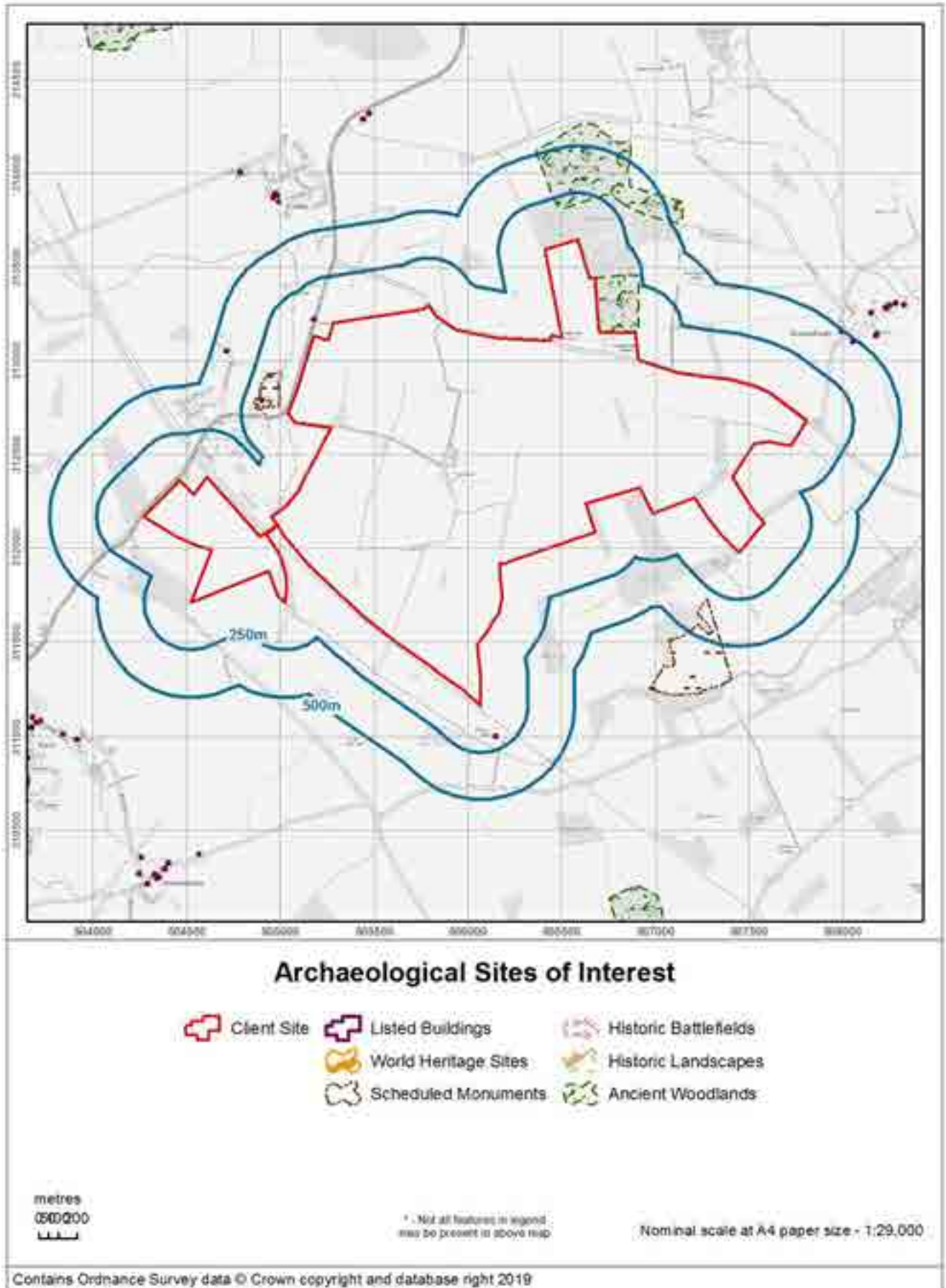
Details	Distance	Direction
None, Source: British Geological Survey, National Geoscience Information Service.	On Site	-

Mining

BGS Recorded Mineral Sites

Map ID	Details	Distance	Direction
2	Site Name: Braceborough Gravel Pit, Site Location: Braceborough, Stamford, Lincolnshire, Source: British Geological Survey, National Geoscience Information Service, Reference: 136298, Type: Opencast, Status: Ceased, Operator: Unknown Operator, Operator Location: Not Supplied, Periodic Type: Quaternary, Geology: Head, Commodity: Sand and Gravel, Positional Accuracy: Located by supplier to within 10m.	231m	E

Farm Specific Issues



Farm Specific Issues

Listed Buildings

Details	Distance	Direction
List Entry: 1164899, Name: PARISH BOUNDARY MARKER, ON BOUNDARY WITH ESSONDINE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 05177 13222, Capture Scale: 1:2500, Easting: 505177, Northing: 313222, Area (hectares): 0	84.7m	N
List Entry: 1073881, Name: CHURCH OF ST MARY, Grade: II*, List Date: 06/06/1961, Amend Date: , NGR: TF 04902 12789, Capture Scale: 1:2500, Easting: 504902, Northing: 312789, Area (hectares): 0	151.1m	W
List Entry: 1164869, Name: BANTHORPE LODGE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 06147 11002, Capture Scale: 1:2500, Easting: 506147, Northing: 311002, Area (hectares): 0	178.3m	SE
List Entry: 1319987, Name: MANORS FARMHOUSE, Grade: II, List Date: 06/06/1961, Amend Date: , NGR: TF0471313053, Capture Scale: 1:2500, Easting: 504713, Northing: 313053, Area (hectares): 0	418.2m	W
List Entry: 1062668, Name: IVY FARMHOUSE, Grade: II, List Date: 06/05/1952, Amend Date: , NGR: TF 08057 13103, Capture Scale: 1:2500, Easting: 508057, Northing: 313103, Area (hectares): 0	483.1m	NE
List Entry: 1164890, Name: BERRY FARMHOUSE, Grade: II, List Date: 22/06/1987, Amend Date: , NGR: TF 07996 13159, Capture Scale: 1:2500, Easting: 507996, Northing: 313159, Area (hectares): 0	491.3m	NE

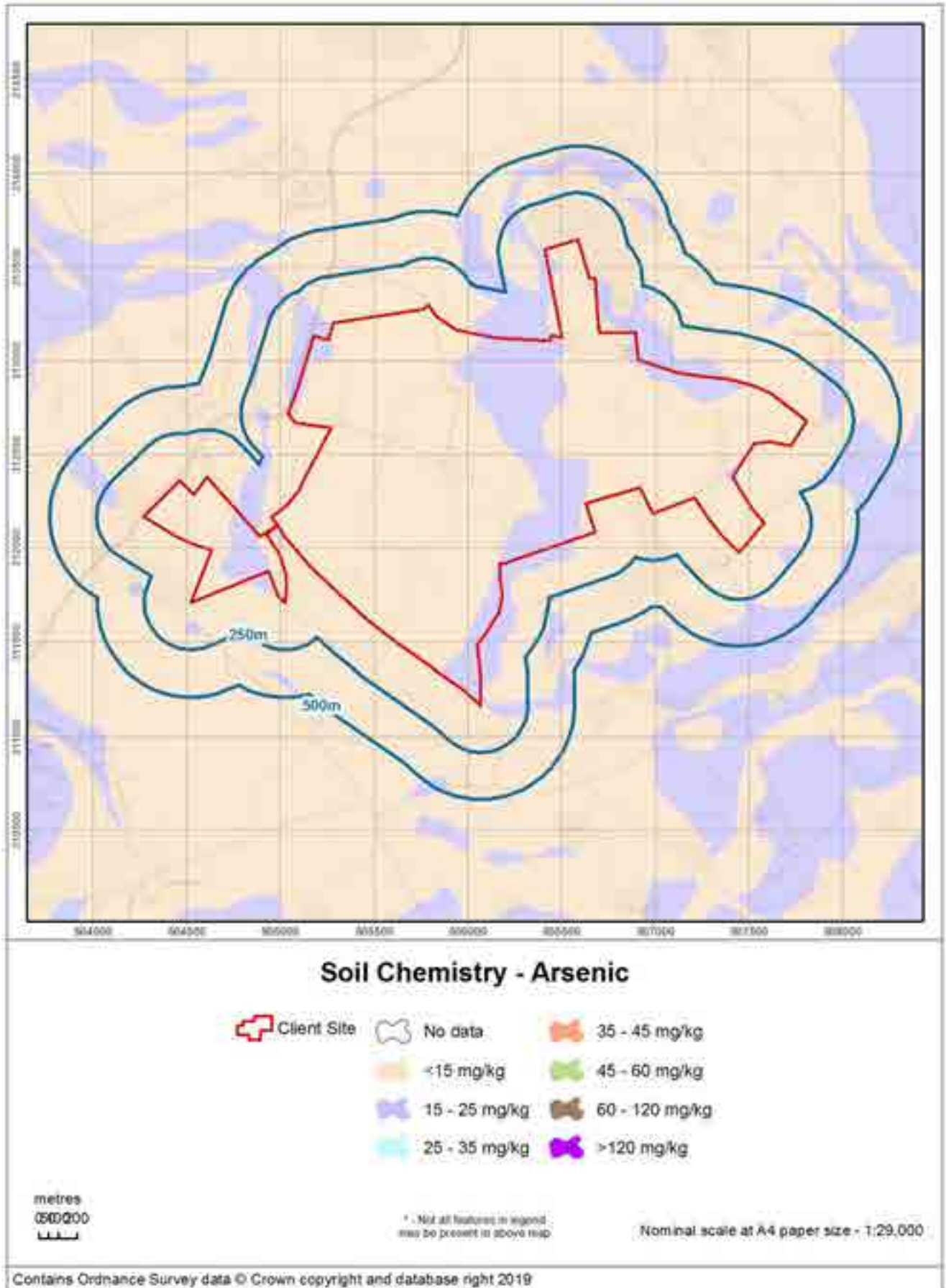
Scheduled Monuments

Details	Distance	Direction
List Entry: 1010693, Name: Essendine Castle moated site, Schedule Date: 16/04/1951, Amend Date: 04/09/1991, NGR: TF 04932 12839, Capture Scale: 1:10000, Easting: 504942.791165, Northing: 312837.759779, Area (hectares): 1.736	55.8m	W
List Entry: 1018685, Name: Medieval settlement remains at Shillingthorpe Park, Schedule Date: 27/10/1967, Amend Date: 04/02/1999, NGR: TF 07188 11394, Capture Scale: 1:10000, Easting: 507213.628101, Northing: 311400.075698, Area (hectares): 10.702	301.8m	SW

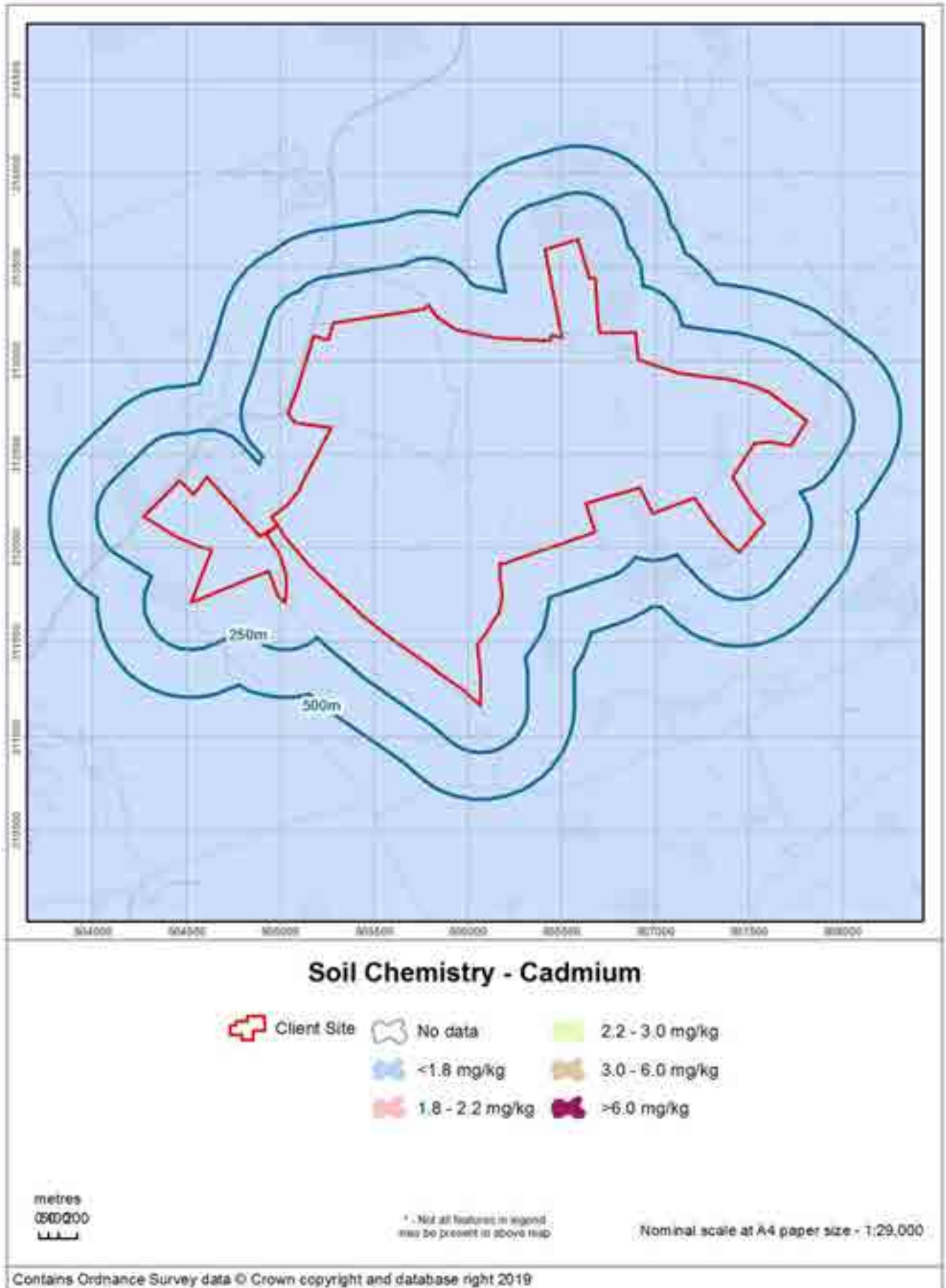
Ancient Woodland

Details	Distance	Direction
, Name: BRACEBOROUGH LITTLE WOOD, Area (hectares): 6.64	On Site	-
, Name: BRACEBOROUGH GREAT WOOD, Area (hectares): 19.72	181.0m	N

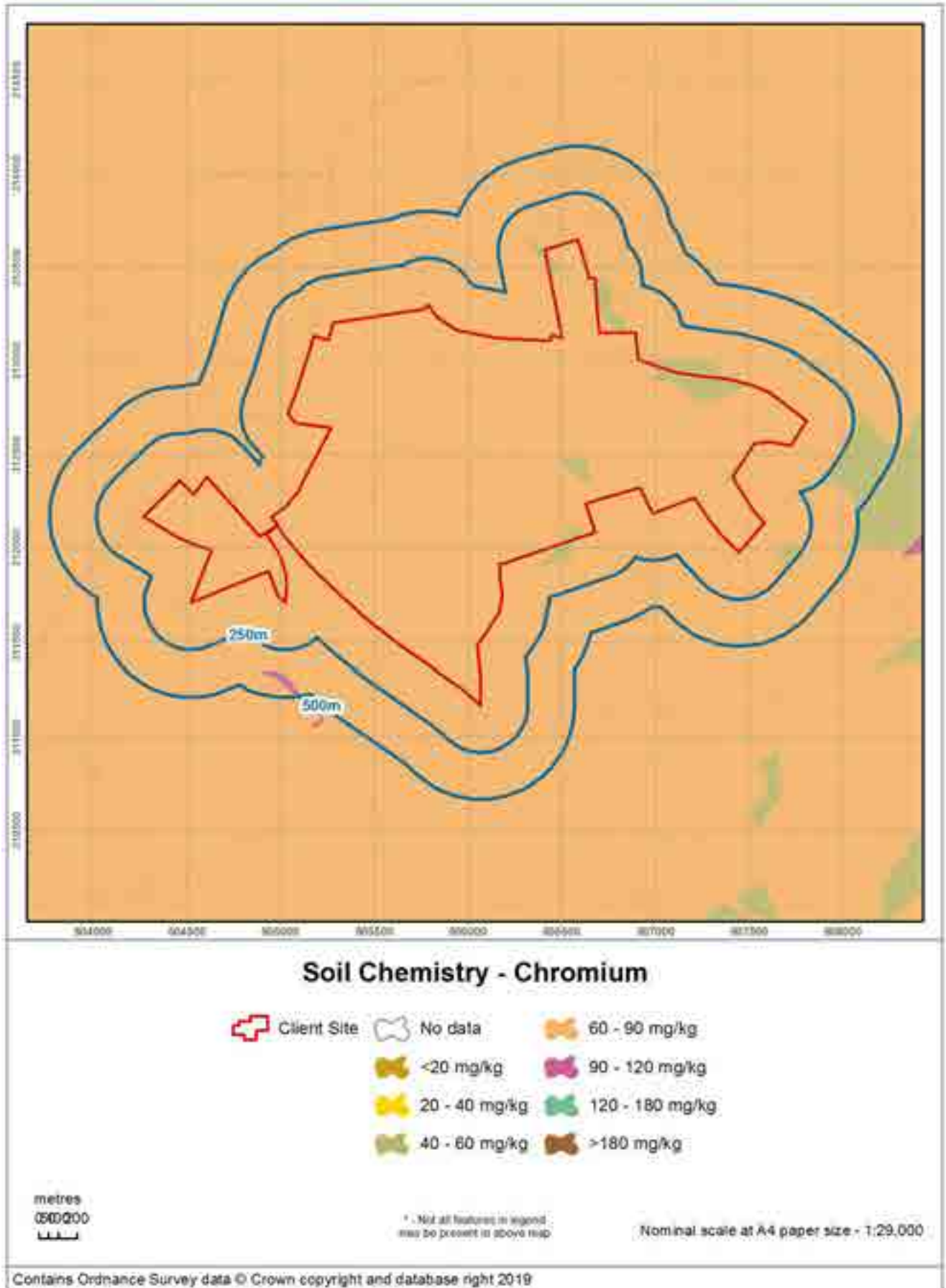
BGS Soil Chemistry – Arsenic



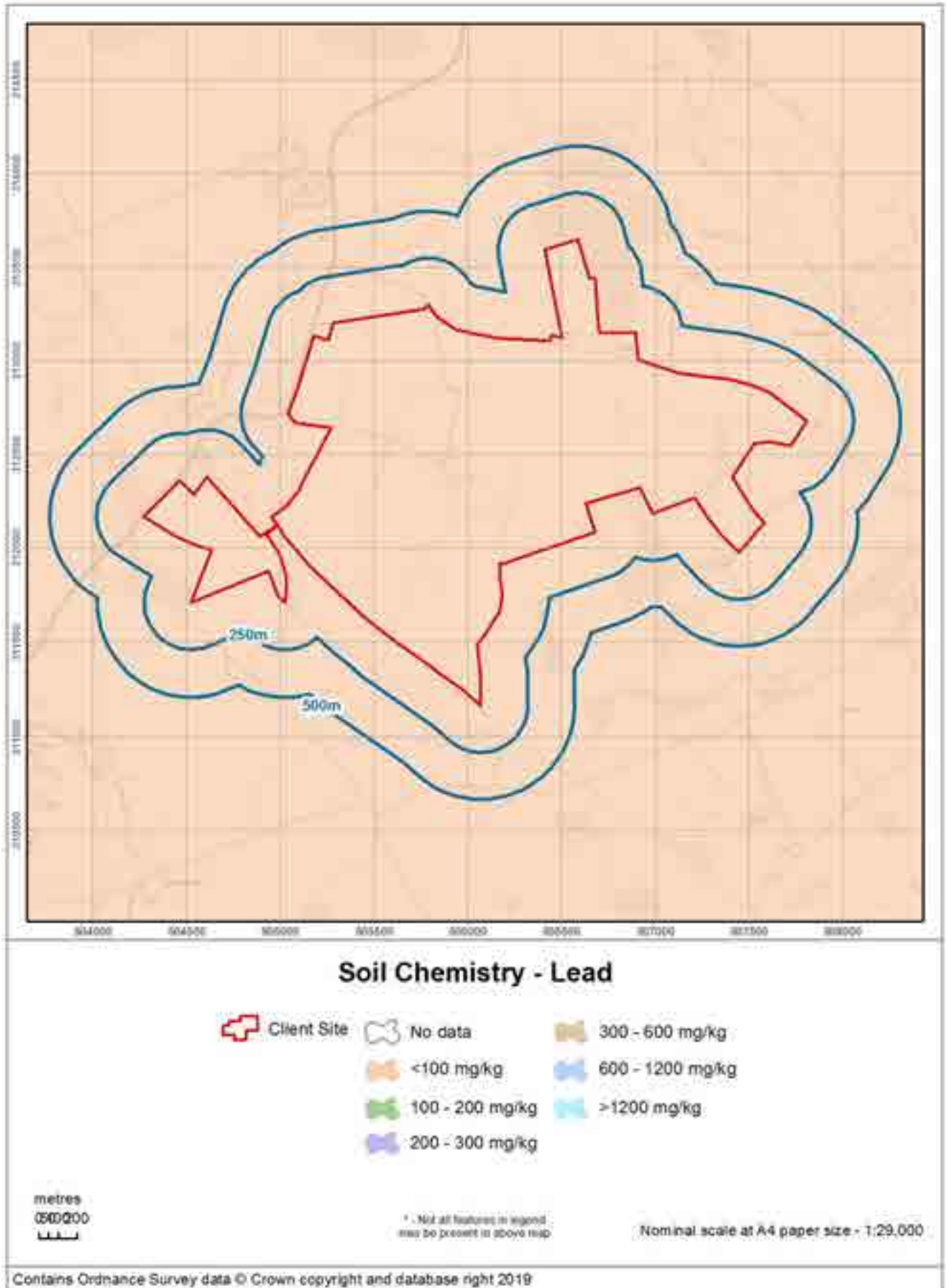
BGS Soil Chemistry – Cadmium



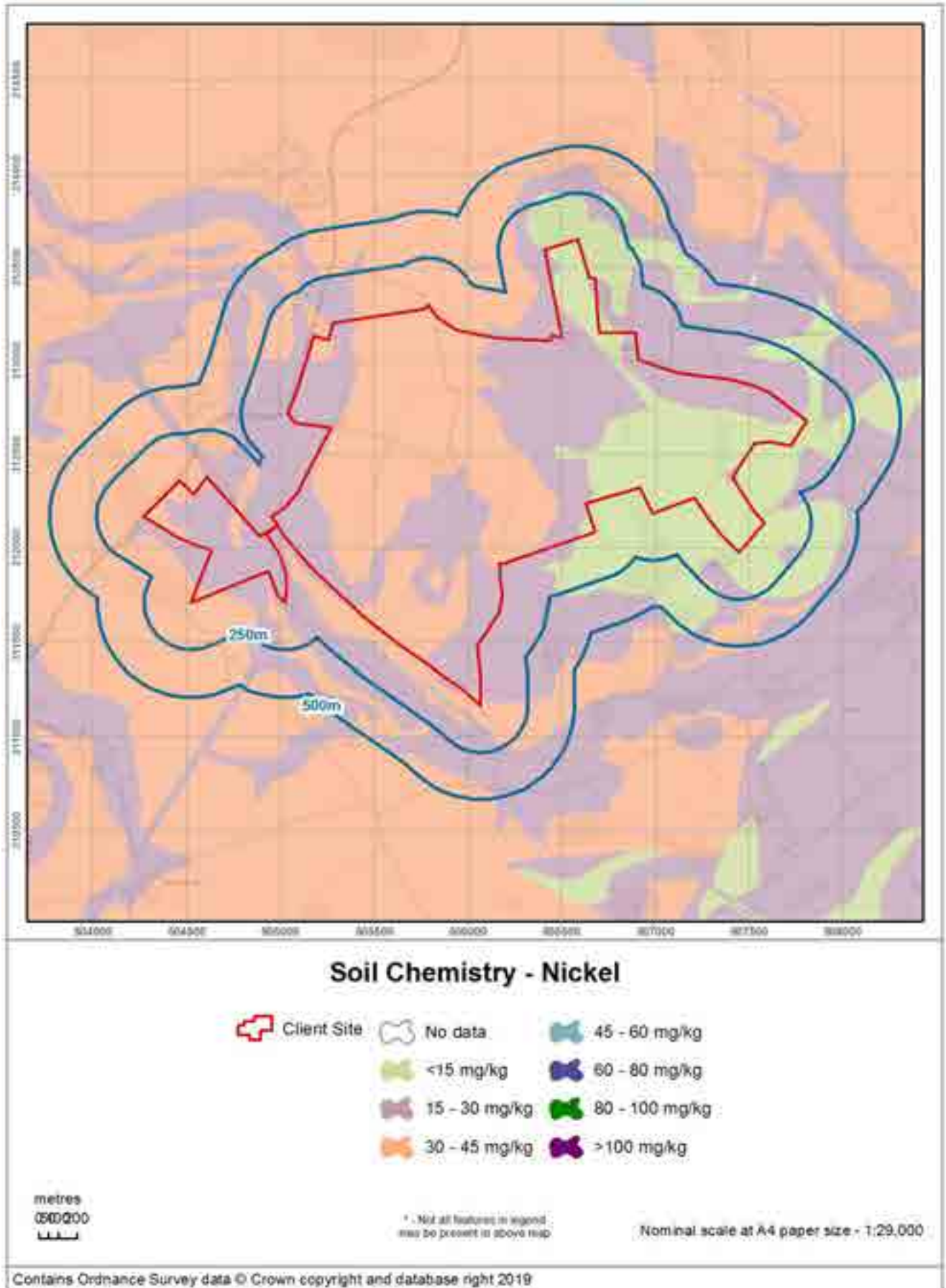
BGS Soil Chemistry – Chromium



BGS Soil Chemistry – Lead



BGS Soil Chemistry – Nickel



Soil Chemistry

BGS Soil Chemistry Arsenic

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: 15 - 25 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: <15 mg/kg	On Site	-

BGS Soil Chemistry Cadmium

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: <1.8 mg/kg	On Site	-

BGS Soil Chemistry Chromium

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: 40 - 60 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: 60 - 90 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: 90 - 120 mg/kg	365.3m	S

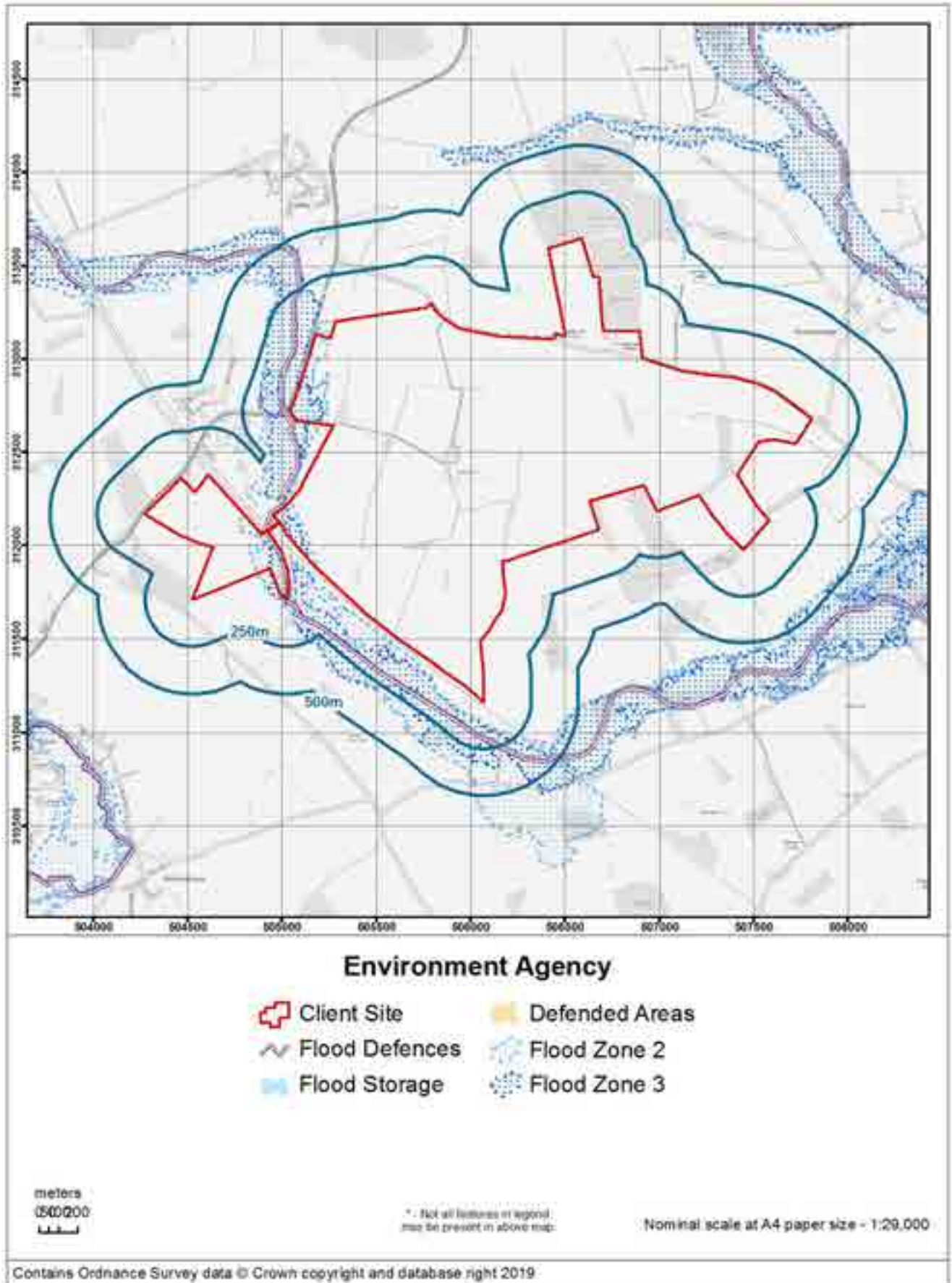
BGS Soil Chemistry Lead

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: <100 mg/kg	On Site	-

BGS Soil Chemistry Nickel

Map ID	Details	Distance	Direction
	Sample Type: RuralSoil, Proportion: 15 - 30 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: 30 - 45 mg/kg	On Site	-
	Sample Type: RuralSoil, Proportion: <15 mg/kg	On Site	-

Flooding from Rivers or Sea



Flooding from Rivers or Sea

Flooding from River or Sea (Flood Zone 3)

Map ID	Details	Distance	Reply or Direction
	Are there any indicative flood plains within 500m?	<501m	YES
	Type: Fluvial Models, Source: Environment Agency, Head Office, Boundary Accuracy: As Supplied.	On Site	-

Flooding from River or Sea in an Extreme Event (Flood Zone 2)

Map ID	Details	Distance	Reply or Direction
	Are there any indicative flood plains (extreme events) within 500m?	<501m	YES
	Type: Fluvial Models, Source: Environment Agency, Head Office, Boundary Accuracy: As Supplied.	On Site	-



The Site is at a low risk of flooding from rivers or the sea, as defined by the regulatory body's Flood Map. If the Site area is greater than one hectare, any planning application for development would need to be accompanied by a Flood Risk Assessment in accordance with NPPF.

Areas Benefiting from Flood Defences

Map ID	Details	Distance	Reply or Direction
	Does the Site or any areas within 500m benefit from flood defences?	<501m	NO



The Site is over 500m from an Area Benefiting from a Flood Defence, as defined by the regulatory body. The residual risk that the Site may flood if the protection standard of any flood defences is exceeded, or if the defences fail, is insignificant.

Flood Water Storage Areas

Map ID	Details	Distance	Reply or Direction
	Are there any flood water storage areas within 500m?	<501m	NO



The Site is over 500m from a Flood Storage Area (FSA) as defined by the regulatory body. These areas store flood water during significant flood events. It is unlikely that any FSA presents any associated flood risk to the Site.

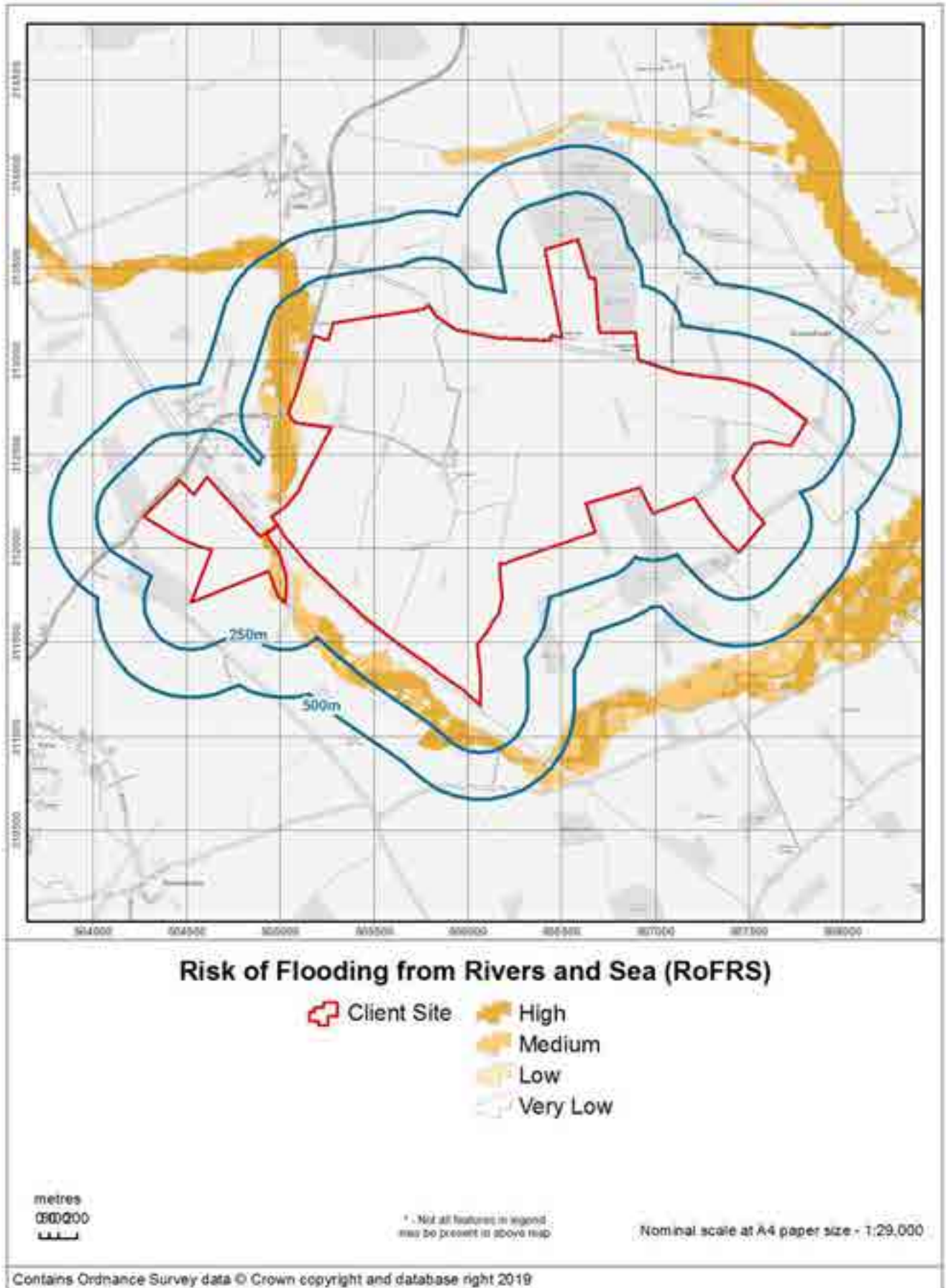
Flood Defences

Map ID	Details	Distance	Reply or Direction
	Are there any flood defences within 500m?	<501m	YES



There are flood defences on the Site. However, there is a residual risk of flooding should the protection standard of those defences be exceeded (and the defences overtopped) or should the defences fail. It is recommended that further investigations are undertaken into the standard of these defences. Please contact us for further information.

The Environment Agency Risk of Flooding from Rivers and Sea



The Environment Agency Risk of Flooding from Rivers and Sea

Details	Distance	Reply or Direction
What is the flood likelihood category for the Site?	On Site	High



The Site (or part of it) has been defined as being at Significant Flood Risk within the regulatory body's risk assessment. This classification relates to the locality as a whole, rather than the individual site and relates only to the risk of coastal or river flooding. It is recommended that a FLOODSOLUTIONS Consult Report is undertaken to further define the flood risk to the Site.

The Environment Agency Data

The data in the Risk of Flooding from Rivers and Sea Property Flood Likelihood Database is sourced from The Environment Agency's National Property Dataset (NPD2). The information provided includes the flood likelihood category low, moderate, or significant according to the flood risk analysis.

Groundwater Flooding Risk

Groundwater Flooding Risk

Details	Distance	Reply or Direction
What is the risk of groundwater flooding at the Site?	On Site	high



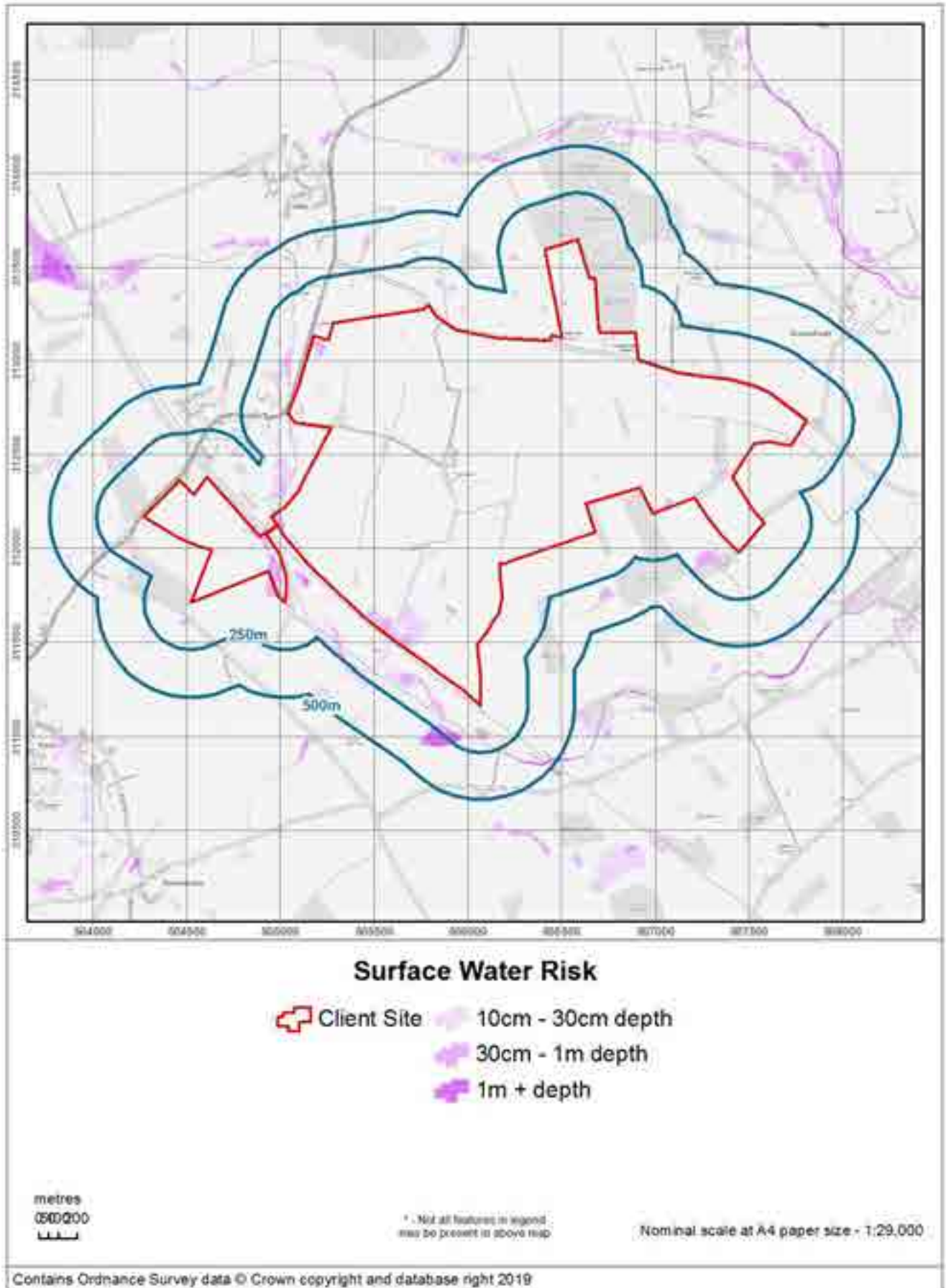
Information from GeoSmart Information Ltd indicates that there is a high risk of groundwater flooding in this area with a return period of 1 in 100 years or more frequent. It is likely that incidence of groundwater flooding will occur, which could lead to damage to property or harm to other sensitive receptors at, or near, this location. Flooding may result in damage to property, road or rail closures and, in exceptional cases, may pose a risk to life. Surface water flooding will be exacerbated when groundwater levels are high. Further consideration of the level of risk and mitigation, by a suitably qualified professional, is recommended.

GeoSmart Information Ltd Data

GeoSmart Information Ltd provides data to Argyll in relation to groundwater flooding. Through research and development, building on their expertise in addressing groundwater flooding issues for the Environment Agency and other clients in the UK, GeoSmart Information Ltd has developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in England and Wales. This differs from other suppliers of data regarding groundwater flooding which only report on the susceptibility of groundwater flooding. Susceptibility merely has to be identified, whereas risk must be quantified. The resulting map is a 5x5m classification of groundwater flooding risk into four categories (Negligible, Low, Moderate and High). GeoSmart Information Ltd's classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 100 years.

The map is a general purpose indicative screening tool, and is intended to provide a useful initial view for a wide variety of applications. However, it does not provide an alternative to a site specific assessment, and a detailed risk assessment should be used for any site where the impact of groundwater flooding would have significant adverse consequences.

Surface Water Flooding (1:200 year rainfall event)



Surface Water Flooding

Surface Water Flooding

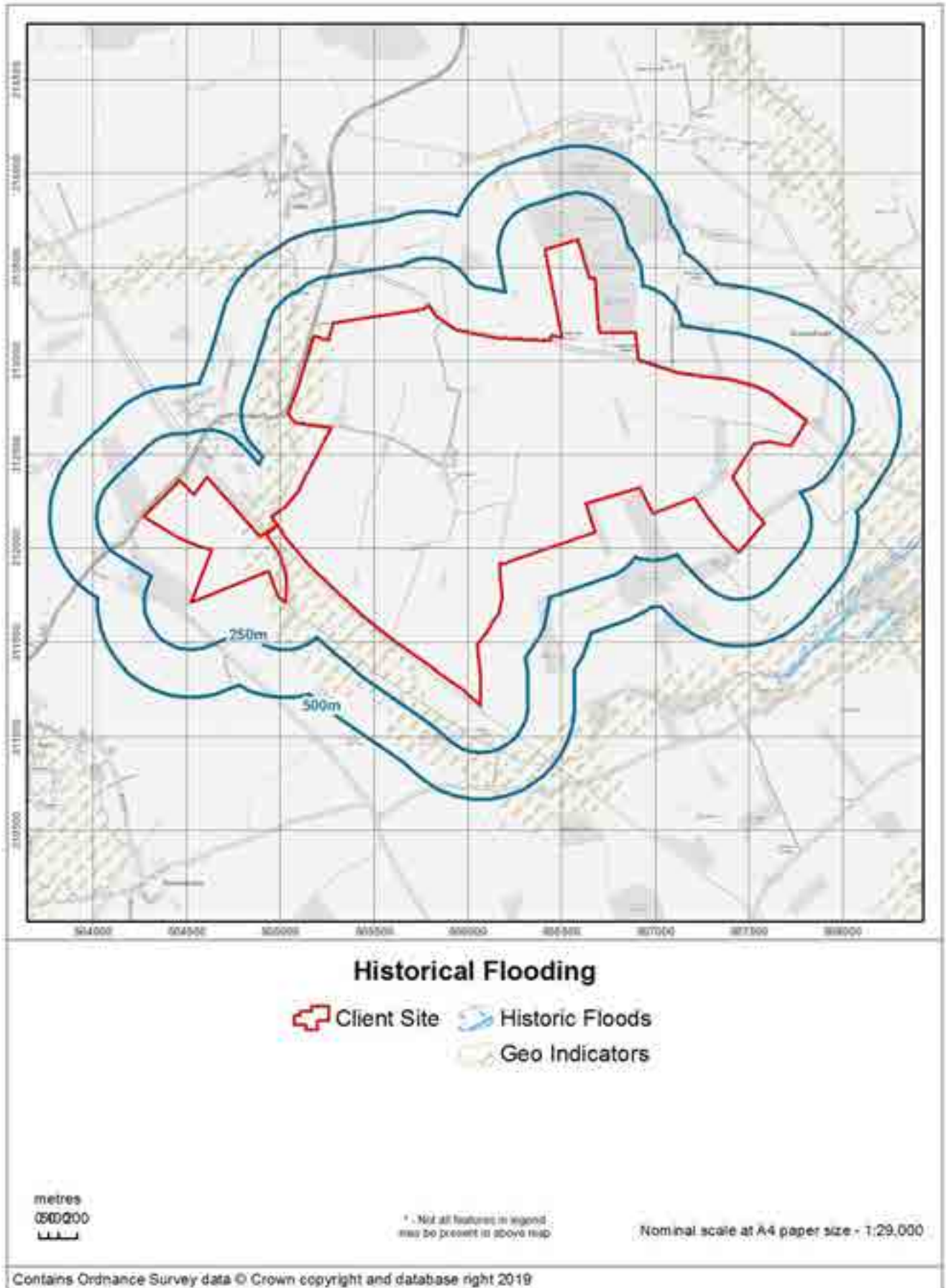
Details	Distance	Reply or Direction
What is the risk of surface water flooding at the Site following a 1 in 75 year rainfall event?	On Site	medium
What is the risk of surface water flooding at the Site following a 1 in 200 year rainfall event?	On Site	medium
What is the risk of surface water flooding at the Site following a 1 in 1,000 year rainfall event?	On Site	medium



JBA Risk Management Data

Surface Water Flooding - Information regarding the risk of natural surface water or pluvial flooding. The risk is classified by JBA into four categories, low (equal to 10cm), low to medium (more than 10cm), medium (more than 30cm) and high (more than 1m) which reflect varying depths of potential surface water flooding during a range of rainfall events including 1:75 year, 1:200 year, and 1:1000 year.

Historical Flooding



Historical Flooding

Historical Flood Events

Details	Distance	Reply or Direction
Have any historic flood events occurred at the Site or within 500m?	<501m	NO



The regulatory body's records have no indication of past flooding within 500m of the Site. As these records are not comprehensive, it may still be prudent to ask the Site owner whether they are aware of any previous flooding at the Site or in the surrounding area.

Environment Agency Data

Historic Flood Outlines - The EA has collated extensive records (including outlines) of flooding from rivers, the sea or groundwater which have occurred in England and Wales since c. 1950. This information comes from various sources including maps, aerial photographs and private records. It is not necessarily comprehensive.

Geological Indicators of Flooding

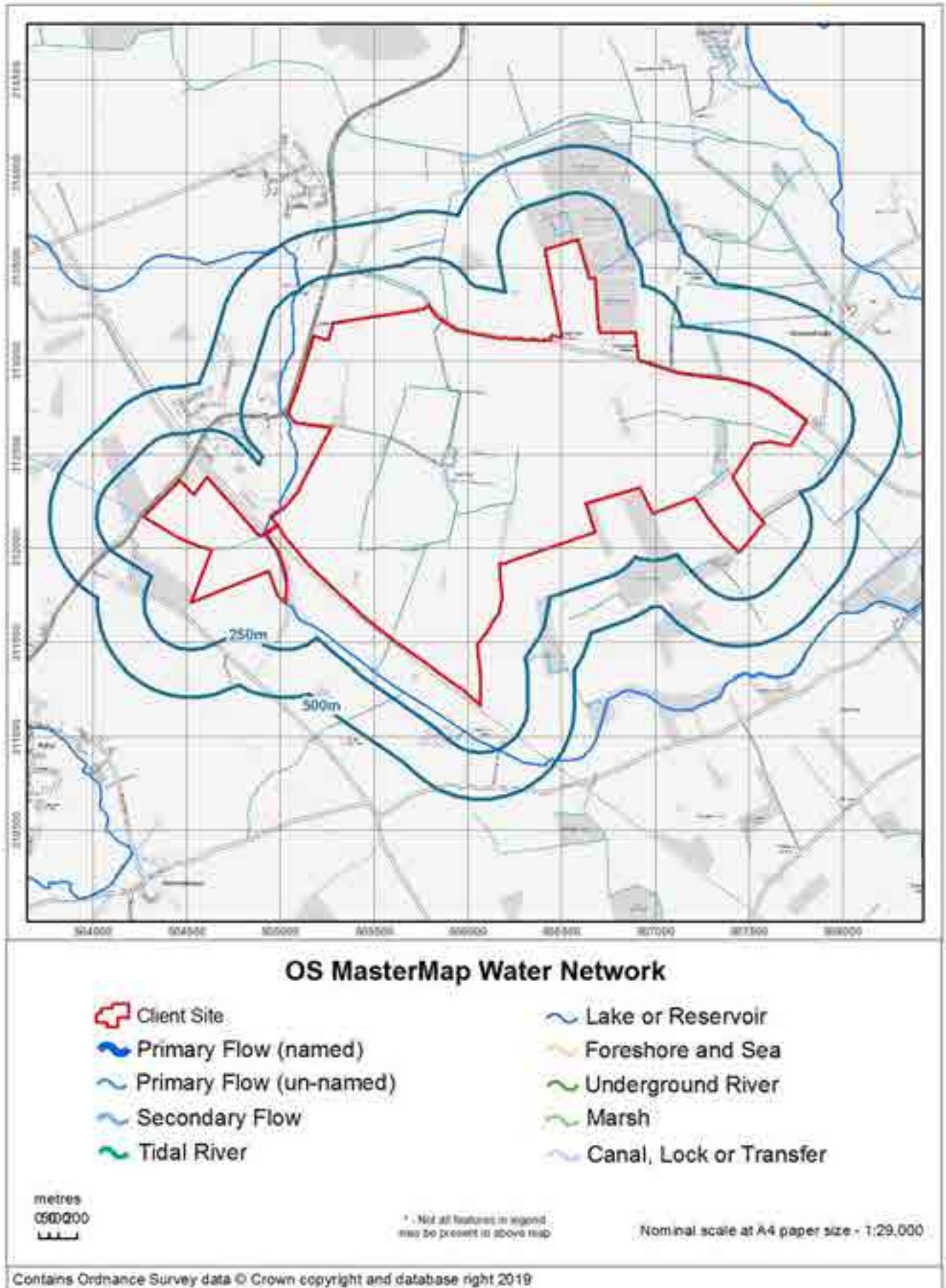
Details	Distance	Reply or Direction
Are there any geological deposits which indicate the Site may have been flooded in the past?	<26m	YES
Fluvial flooding indicators, Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event.	On Site	-
Fluvial flooding indicators, Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	On Site	-



British Geological Survey Data

Geological Indicators of Flooding – The BGS Geological Indicators of Flooding (GIF) data set is a digital map based on the BGS Digital Geological Map of Great Britain at the 1:50,000 scale (DiGMapGB-50). It was produced by characterising Superficial (Drift) Deposits on DiGMapGB-50 in terms of their likely vulnerability to flooding, either from coastal or inland water flow and reflects areas which may have flooded in the recent geological past. This normally relates to flooding which happened many thousands of years ago.

OS MasterMap Water Network



OS MasterMap Water Network

OS MasterMap Water Network

Map ID	Details	Distance	Reply or Direction
	Is there any information from the OS's MasterMap Water Network within 500m?	<501m	YES
	Watercourse Type: Underground River	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	West Glen River Watercourse Type: Primary Flow (named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Lake or Reservoir	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Lake or Reservoir	On Site	-
	Watercourse Type: Underground River	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Underground River	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Lake or Reservoir	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Underground River	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-

OS MasterMap Water Network

Map ID	Details	Distance	Reply or Direction
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	West Glen River Watercourse Type: Primary Flow (named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	West Glen River Watercourse Type: Primary Flow (named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Underground River	On Site	-
	Watercourse Type: Lake or Reservoir	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	On Site	-
	Watercourse Type: Primary Flow (un-named)	1.6m	NW
	Watercourse Type: Primary Flow (un-named)	1.6m	NW
	Watercourse Type: Primary Flow (un-named)	1.8m	NW
	Watercourse Type: Primary Flow (un-named)	2.5m	NE
	Watercourse Type: Primary Flow (un-named)	2.9m	N
	Watercourse Type: Primary Flow (un-named)	3.7m	N
	West Glen River Watercourse Type: Primary Flow (named)	3.8m	NW
	West Glen River Watercourse Type: Primary Flow (named)	3.8m	NW
	West Glen River Watercourse Type: Primary Flow (named)	4.9m	NW
	Watercourse Type: Primary Flow (un-named)	5.4m	NE
	Watercourse Type: Primary Flow (un-named)	5.9m	N
	Watercourse Type: Primary Flow (un-named)	7.9m	N
	Watercourse Type: Primary Flow (un-named)	10.0m	N
	Watercourse Type: Primary Flow (un-named)	11.3m	N
	Watercourse Type: Primary Flow (un-named)	11.6m	N
	Watercourse Type: Primary Flow (un-named)	12.5m	NE
	Watercourse Type: Primary Flow (un-named)	23.8m	NW
	Watercourse Type: Primary Flow (un-named)	31.8m	SW
	Watercourse Type: Secondary Flow	53.2m	N
	Watercourse Type: Primary Flow (un-named)	53.2m	N
	Watercourse Type: Primary Flow (un-named)	89.5m	N
	Watercourse Type: Primary Flow (un-named)	89.5m	N
	Watercourse Type: Underground River	93.3m	N
	Watercourse Type: Primary Flow (un-named)	98.6m	N
	Watercourse Type: Primary Flow (un-named)	102.0m	NW

OS MasterMap Water Network

Map ID	Details	Distance	Reply or Direction
	Watercourse Type: Secondary Flow	118.7m	N
	Watercourse Type: Primary Flow (un-named)	118.7m	N
	Watercourse Type: Primary Flow (un-named)	126.7m	SW
	Watercourse Type: Primary Flow (un-named)	154.2m	NE
	Watercourse Type: Primary Flow (un-named)	157.7m	N
	Watercourse Type: Secondary Flow	159.4m	N
	Watercourse Type: Primary Flow (un-named)	159.4m	N
	West Glen River Watercourse Type: Primary Flow (named)	162.6m	SW
	West Glen River Watercourse Type: Primary Flow (named)	163.0m	SW
	Watercourse Type: Primary Flow (un-named)	163.0m	SW
	Watercourse Type: Lake or Reservoir	165.5m	SW
	Watercourse Type: Lake or Reservoir	168.2m	NE
	Watercourse Type: Underground River	181.4m	SW
	Watercourse Type: Primary Flow (un-named)	185.4m	N
	Watercourse Type: Primary Flow (un-named)	187.7m	SW
	West Glen River Watercourse Type: Primary Flow (named)	189.2m	SW
	Watercourse Type: Primary Flow (un-named)	190.2m	SW
	Watercourse Type: Primary Flow (un-named)	193.4m	E
	Watercourse Type: Primary Flow (un-named)	197.5m	S
	Watercourse Type: Underground River	205.4m	SW
	Watercourse Type: Primary Flow (un-named)	209.2m	SW
	Watercourse Type: Primary Flow (un-named)	209.2m	SW
	Watercourse Type: Primary Flow (un-named)	211.5m	SE
	Watercourse Type: Primary Flow (un-named)	218.2m	SE
	Watercourse Type: Underground River	227.4m	S
	Watercourse Type: Primary Flow (un-named)	230.6m	E
	Watercourse Type: Primary Flow (un-named)	232.6m	S
	Watercourse Type: Underground River	240.9m	NE
	Watercourse Type: Primary Flow (un-named)	243.5m	NW
	Watercourse Type: Secondary Flow	253.4m	S
	Watercourse Type: Underground River	272.8m	SW
	Watercourse Type: Primary Flow (un-named)	276.7m	N
	Watercourse Type: Primary Flow (un-named)	279.8m	NE
	Watercourse Type: Primary Flow (un-named)	320.1m	N
	Watercourse Type: Primary Flow (un-named)	333.8m	NE
	Watercourse Type: Underground River	346.6m	N
	Watercourse Type: Primary Flow (un-named)	350.0m	S
	Watercourse Type: Underground River	350.0m	S
	Watercourse Type: Primary Flow (un-named)	350.8m	S
	Watercourse Type: Primary Flow (un-named)	355.8m	N
	Watercourse Type: Primary Flow (un-named)	377.8m	E
	Watercourse Type: Primary Flow (un-named)	383.7m	NE
	Watercourse Type: Primary Flow (un-named)	392.3m	NE
	Watercourse Type: Primary Flow (un-named)	410.9m	NE
	Watercourse Type: Primary Flow (un-named)	416.5m	NE
	Watercourse Type: Primary Flow (un-named)	423.7m	NE

OS MasterMap Water Network

Map ID	Details	Distance	Reply or Direction
	Watercourse Type: Primary Flow (un-named)	447.9m	E
	Watercourse Type: Underground River	451.0m	NE
	Watercourse Type: Primary Flow (un-named)	452.4m	NE
	Watercourse Type: Secondary Flow	465.7m	SE
	Watercourse Type: Secondary Flow	465.7m	SE
	Watercourse Type: Primary Flow (un-named)	479.1m	N
	Watercourse Type: Underground River	484.7m	N
	Watercourse Type: Primary Flow (un-named)	486.3m	N
	Watercourse Type: Primary Flow (un-named)	491.6m	N
	Watercourse Type: Underground River	499.7m	SE



A water feature has been identified at the property. This does not present an immediate risk, however it may require frequent upkeep and maintenance.

OS Data

OS MasterMap Water Network is a three-dimensional digital representation of the watercourses in Great Britain. It includes rivers, streams, lakes, lochs and canals as a series of watercourse network lines. The network lines (links) are attributed to provide a range of information about the section of watercourse they depict. The OS MasterMap Water Network will significantly enhance systems used to manage waterways, river and the flood risk they pose.

Other Information

Height Above Sea Level

Map ID	Details	Distance	Reply or Direction
	Maximum height of the Site above sea level	On Site	36.80m
	Minimum height of the Site above sea level	On Site	18.00m
	Average height of the Site above sea level	On Site	28.72m



The Site is at a relatively high elevation above sea level. However, this is not in itself indicative of the absence of flood risk and reference should be made to other assessments within this report.

Distance to Water Features

Details	Distance	Reply or Direction
Are there any water features within 500m?	<501m	YES
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	On Site	-
Surface water feature	10.7m	NE
Surface water feature	20.8m	W
Surface water feature	31.8m	SW
Surface water feature	101.2m	NW
Surface water feature	125.4m	SW
Surface water feature	168.2m	NE
Surface water feature	184.2m	N
Surface water feature	231.6m	S
Surface water feature	243.0m	NW
Surface water feature	318.9m	N
Surface water feature	382.5m	NE
Surface water feature	392.1m	SW
Surface water feature	392.3m	NE
Surface water feature	410.9m	NE
Surface water feature	446.6m	E
Surface water feature	463.4m	SE
Surface water feature	474.0m	SE
Surface water feature	484.4m	N



There is a water feature shown on the Ordnance Survey maps within the Site. This does not represent a flood risk in itself, but its presence has been taken into account in the overall risk assessment in this Report.

Dam or Reservoir Failure

Details	Distance	Reply or Direction
Is there a risk of the Site being affected by the failure of a nearby dam or reservoir?	On Site	NO



There is a dam or reservoir in the surrounding area. However, models indicate that if this structure failed, the Site is not likely to flood. No further action is required.

JBA Risk Management Data

Dam or Reservoir Failure – JBA has modelled approximately 1700 dams and reservoirs across the UK which are considered to pose the greatest risks to people and property. These models are able to predict the areas likely to flood on all sides of a feature, should an element of it fail e.g. a wall, dam or earth bund.

Useful Contacts

Name and Address	Telephone/Fax/Email
Argyll Environmental Limited 1 st Floor 98 – 99 Queens Road Brighton BN1 3XF www.argyllenvironmental.com	Telephone 0330 036 6115 orders@argyllenviro.com
Environment Agency National Customer Contact Centre (NCCC) PO Box 544	Telephone 03708 506 506
Health and Safety Executive 5S.2 Redgrave Court www.hse.gov.uk	Telephone
Rutland Unitary Council Planning Support Catmose www.rutland.gov.uk	Telephone 01572 722577 Fax: 01572 758307
Lincolnshire County Council 4th Floor www.lincolnshire.gov.uk	Telephone 01522 552222 Fax: 01522 552288 PublicRelations@lincolnshire.gov.uk
South Kesteven District Council Environmental Health Council Offices www.southkesteven.gov.uk	Telephone
Rutland Unitary Council Environmental Health Department Catmose www.rutland.gov.uk	Telephone 01572 722577 Fax: 01572 758307
Environment Agency Head Office Rio House	Telephone 01454 624400 Fax: 01454 624409
British Geological Survey Enquiry Service British Geological Survey www.bgs.ac.uk	Telephone 0115 936 3143 Fax: 0115 936 3276 enquiries@bgs.ac.uk
Defra Nobel House 17 Smith Square London SW1P 3JR	Telephone 08459 335577 defra.helpline@defra.gsi.gov.uk
ALA (Agricultural Law Association)	Telephone 01206 383521 Enquiries@aka.org.uk
Please note that the Environment Agency / SEPA have a charging policy in place for enquiries. When contacting these agencies please mention that this data has been received from the Landmark database, alternatively Argyll Environmental Limited would be pleased to assist with consultation to the above bodies. Please contact us for a quotation.	

Contaminated Land Risk Analysis Methodology

The Estate Solutions reports have been designed to assist in making informed decisions during property transactions. The Report is a desktop assessment of direct liabilities (Liabilities) which could affect the owner /occupier of the Site and arise under Part 2A of the Environmental Protection Act 1990 and/or equivalent requirements under the planning regime and/or the Water Resources Act 1991⁴. (Relevant Legislation). If a risk is identified, then a number of options for finding out more about the risk, managing it or transferring it are proposed.

The assessment of environmental liability under the Relevant Legislation is based upon the principle of determining the presence of a plausible contaminant-pathway-receptor relationship (a contaminant linkage). A 'contaminant' is a source of contamination, a 'pathway' is a medium through which the contamination can mobilise and 'a receptor' is a person or entity that could be detrimentally affected by the contamination. If all three are identified, then a 'plausible contaminant-pathway-receptor relationship' may be present. By definition, this is one which Argyll believes could result in significant harm, a significant possibility of significant harm or significant pollution or the possibility of significant pollution to Controlled Waters.

In our assessment we use the following test to decide if there is a potential liability affecting the Site. For the purpose of this assessment a site where a potential Liability has been identified is defined as follows:

A Site which, from the information assessed by Argyll, is considered to have the potential of being affected by contaminative substances present in or under the Site (but excluding potential sources of contamination on or above the land) such that, on the basis of its current or proposed use, there is a reasonable likelihood of a UK regulatory authority, acting in accordance with Relevant Legislation, requiring that remedial measures are taken in order to remedy or mitigate the contaminative substances that are present in or under the land that forms all or part of the Site.

The term Liabilities is defined within the scope of this assessment to mean, remedial works under Part 2A of the Environmental Protection Act 1990 (or where appropriate, equivalent requirements under the planning regime) and/or the Water Resources Act 1991 which may result in direct liability for the site owner/occupier.

The assessment within the Report has been produced and quality checked by a team of qualified environmental professionals. The assessment is based upon a manual review of the data contained within the Data Section of this Report and of 1:2500 and 1:1250 (where available) scale historical mapping.

Ecological Risk Assessment

The evaluation of ecological risk is becoming an increasingly important input when making risk management decisions. In the Site Solutions Commercial report, Argyll assesses two different drivers for risks and liabilities driven by ecological receptors;

- 1.The Contaminated Land Regime; and
- 2.The Environmental Damage Regulations (EDR) 2009.

The Environment Agency has designed a generic framework for conducting ecological risk assessment (see Assessing Risk to Ecosystems from Land Contamination, R&D Technical Report P299, EA 2002). This recommends a tiered approach in line with best practice for human health and controlled water risk assessment and defines Relevant Ecological Receptors as any of the Relevant Types of Receptor as set out in Table 1 of Defra Statutory Guidance on Contaminated Land dated April 2012.

Argyll assesses Relevant Ecological Receptors as part of its assessment process. To do so it uses the Argyll EcoRisk model which was developed and tested in consultation with leading experts and is based on the Environment Agency framework.

The Environmental Damage (Prevention and Remediation) Regulations 2009 were introduced on 1 March 2009 to implement the provisions of the European Commission's Environmental Liability Directive into law in England⁵. The aim of EDR is to prevent and remedy damage to protected species or natural habitats or a site of special scientific interest, surface water, groundwater or to land. 'Environmental damage' has a specific meaning in the Regulations, and covers only the most severe cases. Existing legislation with provisions for environmental liability remains in place. The Regulations apply on land in England and on the seabed around the UK up to the limits set out in the Continental Shelf Act 1964, and to waters in the Renewable Energy Zone, which extends approximately 200 miles out to sea.

Argyll does not consider the standard of current operations, but reports the potential for environmental damage based on the location of EDR Receptors around the Site.

⁴ Water Environment (Controlled Activities)(Scotland) Regulations 2005 where appropriate.




⁵ Environmental Damage (Prevention and Remediation) (Wales) Regulations 2009 or Environmental Damage (Prevention and Remediation) (Scotland) Regulations where appropriate.

When conducting either assessment, Argyll will primarily assess information provided in the Data section of the Report. However, in some cases Argyll may choose to supplement this with freely available public information such as that provided by Natural England and/or information provided by the Argyll Europa System.

Liability Assessment

In this section Argyll will report on any potential soil and groundwater liabilities which it considers are associated with the Site. Our assessment of Liability is based upon the proposed and current use of the Site(as supplied by the client)in line with current Government guidance.

There will be one of the following three responses:

Assessment	Liability Statement & explanation	Defra Category*
PASSED 	<p>Within the scope of this assessment no Liabilities have been identified. No further action is required.</p> <p>This statement indicates that within the scope of this assessment, no issues have been identified that are likely to result in significant cost liabilities under Relevant Legislation.</p>	3 or 4
PASSED 	<p>Within the scope of this assessment no Liabilities have been identified. However, your attention is drawn to the prudent enquiries suggested below.</p> <p>This statement indicates that within the scope of this assessment, no issues have been identified that are likely to result in significant cost liabilities under Relevant Legislation. However, a client may wish to obtain further information about other issues disclosed in the Report, which could be material.</p>	3 or 4
FURTHER ACTION 	<p>Potential Liabilities have been identified under Part 2A of the Environmental Protection Act 1990 (or where appropriate, equivalent requirements under the planning regime) and/or the Water Resources Act 1991⁶. To quantify these you may decide to undertake a more detailed assessment through the recommendation(s) set out below.</p> <p>This statement indicates that within the scope of this assessment, an issue or a number of issues have been identified that are likely to result in significant cost liabilities under Relevant Legislation. In this event, recommendations are made, in order that additional information is collected so that the liabilities may be more accurately assessed.</p>	Potentially 1 or 2

* According to Defra's updated Statutory Guidance on Contaminated Land, Regulators have a four-stage test to decide when land is and is not contaminated. Category 1 and Category 2 sites would encompass land which is capable of being determined as contaminated land, whereas Category 3 and Category 4 sites would encompass land which is not capable of being determined as contaminated land.

Limitations of the Report

The Estate Solutions reports have been designed to satisfy standard environmental due-diligence enquiries, as recommended by the Law Society's contaminated land warning card. It is a 'remote' investigation and reviews only information provided by the client and from the databases of publicly available information that have been chosen to enable a desk based environmental assessment of the Site. The Report does not include a site investigation, nor does Argyll make specific information requests of the regulatory authorities for any relevant information they may hold. Therefore, Argyll cannot guarantee that all land uses or factors of concern will have been identified by the Report.

The information in the Data Section of the Report is derived from a number of statutory and non-statutory sources. While every effort is made to ensure accuracy, Argyll cannot guarantee the accuracy or completeness of such information or data. Argyll will not accept responsibility for inaccurate data provided by external data providers.

Further information regarding our risk assessment methodology is provided in the Products and Services User Manual which is available free of charge from the client area of our website www.argyllenvironmental.com. For further information regarding the datasets reviewed within our assessment, please contact one of our technical team on 0330 036 6115. This report is provided under The Argyll Environmental Terms and Conditions for Data Reports, a copy of which is available on our website.Flood Risk Screening Methodology

⁶Water Environment (Controlled Activities)(Scotland) Regulations 2005 where appropriate.

The EstateSolutions Farm includes a desktop flood risk assessment designed to enable property professionals to assess the risk of flooding at agricultural sites. It examines the overall risk of flooding at a site (not taking into account any flood defences that may be present). The report considers current Government guidance including the National Planning Policy Framework (NPPF) and the agreement between the Association of British Insurers and Defra known as the Statement of Principles. The report has been produced and quality-checked by a qualified consultant using the data contained in this report.

Flood Risk Rating

Argyll provides an overall flood risk rating based on an assessment of the data provided within this report. It does so by asking one question:

1. What is the overall risk of flooding, assuming flood defence fail or are absent or overtopped?

The answer to this question provides a worst case scenario assuming there are either no defences in the area, that any defences in the area could fail, primarily as a result of river or coastal flooding, or are overtopped by excessive flood volumes.

Questions 1 are answered by one of six standard responses:

Response	Meaning
Negligible	The overall flood risk rating for the Site is assessed to be 'Negligible'. Existing datasets do not indicate any risk at the Site itself, or any feature within the locality of the Site, which would be expected to pose a threat of flooding. It is not considered that any further investigations are necessary in regard to flood risk.
Low	The overall flood risk rating for the Site is assessed to be 'Low'. Although large sites (over 1 ha) would require a Drainage Impact Assessment to accompany any planning application, it is not considered necessary to undertake any other further investigations into the flood risk to the Site.
Low to Moderate	The overall flood risk rating for the Site is assessed to be 'Low to Moderate'. The presence of such features as flood defences, flood storage areas and watercourses within the locality of the Site suggests that there may be a risk of flooding to the Site itself. Further investigations could be undertaken to further assess this risk.
Moderate	The overall flood risk rating for the Site is assessed to be 'Moderate'. Information from existing datasets suggests that there are certain features which may present a risk to the Site and its occupants. Further assessment would normally be suggested as a prudent measure to clarify the risk of flooding at the Site.
Moderate to High	The overall flood risk rating for Site is assessed to be 'Moderate to High'. Information from existing datasets suggests that there are certain features which may present a significant risk to the Site and its occupants. Further assessment is usually recommended in order to clarify the risk of flooding at the Site.
High	The overall flood risk rating for Site is assessed to be 'High', with a consequent risk to life and property. This means that existing datasets reveal significant flood risk issues which need to be addressed. Further assessment is usually recommended in order to clarify the risk of flooding at the Site.

Flood Analysis

The flood risk gauges provide a more detailed analysis of the risk from each of the four main types of flooding – river, coastal, groundwater and surface water. In addition, a fifth gauge provides an analysis of other factors (i.e. historic flood events, geological deposits which are indicative of past flooding, proximity to surface water features and elevation above sea level) that may affect the overall flood risk. For surface water flooding, only the risk rating generated from the 1:200 year rainfall event data is included in the overall risk assessment. The data on 1:75 year and 1:1,000 year rainfall events is provided for information only. The flood analysis within the report is automated taking into account the percentage of identified flood risk from the individual datasets to assess their significance in the context of the wider farm. This includes an assessment of whether the assumed main buildings within the Site boundary fall within an area of flood risk. For further information on each of these types of flooding, please refer to the Argyll FloodSolutions User Guide.

This analysis takes into account any existing flood defences that are intended to protect the Site and assumes that these work as designed. The analysis also takes into account the other information contained in those data sections of the report

which are relevant to that particular type of flooding. The assessment of the risk as shown in the flood gauge should therefore take priority over the information in the individual data sections of the report.

Limitations of the Report

The Renaissance Estate Solutions Farm report has been designed to satisfy basic flood-related environmental due-diligence enquiries for farm and large estates. It is a desktop review of information provided by the client and from selected private and public databases. It does not include a site investigation, nor are specific information requests made of the regulatory authorities for any relevant information (other than local water and sewerage providers). Therefore, Argyll cannot guarantee that all issues of concern will be identified by this report, or that the data and information supplied to it by third parties is accurate and complete.

This report includes an assessment of surface water flooding which examines the risk of the general drainage network overflowing during periods of extreme rainfall. This report does not make a detailed site-specific assessment of the suitability of the existing drainage on the Site. If this is required, then a site survey should be considered. The assessment of pluvial flooding does not take into account particular local or temporary factors that may cause surface water flooding such as the blockage or failure of structures on or within watercourses, drains, foul sewers, water mains, canals and other water infrastructure; and any history of drains flooding at the Site or in the locality. Surface water flooding can occur before surface water reaches the general drainage network, for example on hills and inclines.

Environment Agency data does not include flood risk from very small catchments as models of such small scale catchments are not considered to be reliable for UK-wide flood risk assessments. The potential impact of climate change on flood risk to the Site would require further study.

When answering any questions within this report, current applicable legislation is taken into account.

The data used in this report may have inherent limitations and qualifications. Further details are set out in the FloodSolutions User Guide which is available free of charge from our website www.argyllenvironmental.com , or by calling one of our technical team on 0330 036 6115.

This report is provided under The Argyll Environmental Terms and Conditions for Flood Solutions Reports, a copy of which is available on our website, www.argyllenvironmental.com , or by calling one of our technical team on 0330 036 6115.

Consumer Protection

Important Consumer Protection Information

This search has been produced by Argyll Environmental Ltd, 1st Floor, 98 – 99 Queens Road, Brighton, BN1 3XF.

Tel: 0330 036 6115, Email: orders@argyllenviro.com.

Argyll Environmental adheres to the Conveyancing Information Executive (CIE) standards.

The Standards:

- Conveyancing Information Executive Members shall act in a professional and honest manner at all times in line with the Conveyancing Information Executive Standards and carry out the delivery of the Search with integrity and due care and skill.
- Compliance with the Conveyancing Information Executive Standards will be a condition within the Conveyancing Information Executive Member's Terms and Conditions.
- Conveyancing Information Executive Members will promote the benefits of and deliver the Search to the agreed standards and in the best interests of the customer and associated parties.
- The standards can be seen here: <http://www.conveyinfoexec.com>

Complaints

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPO.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Web site: www.tpos.co.uk

Email: admin@tpos.co.uk

Argyll Environmental Complaints Procedure

If you want to make a complaint to Argyll Environmental, we will:

- Acknowledge it within 5 working days of receipt
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Legal Director
Argyll Environmental Ltd
1st Floor
98 - 99 Queens Road
Brighton
BN1 3XF

Tel: 0330 036 6115

Email: orders@argyllenviro.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs):

Tel: 01722 333306,

Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.



LAND AT MANOR FARM, ESSENDINE, PE9 4LQ

Report Prepared for: Search Acumen

Report Reference: 287311656

Client Reference: 472867.5/SC16/KS13_ESF

Date: 4 November 2021



Contaminated Land

FURTHER ACTION

Executive Summary | SEE PAGE 1

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Consultant Commentary | SEE PAGE 6

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Flood Risk

PASSED – PRUDENT ACTION

Executive Summary | SEE PAGE 1

[CLICK HERE](#)

Consultant Commentary | SEE PAGE 8

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Agricultural Considerations **IDENTIFIED**

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Ground Hazards & Coal Mining **IDENTIFIED**

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Energy & Infrastructure **IDENTIFIED**

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Detail | SEE PAGE 73

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Authored by:

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t: 0330 036 6115 **e:** Tessie.Hendry@landmark.co.uk



Contaminated Land

SEE PAGE 6 OR

[CLICK HERE](#)

FURTHER ACTION



Liability Assessment

We have identified potential soil and/or groundwater liabilities. To quantify these we recommend you undertake the action outlined below.



Argyll's Recommendations

Phase 1 Environmental Audit (from £1250.00 + VAT including third-party costs)

Risk: The Site's proximity to areas of landfilling may have caused contamination migrating onto the farm. As the Site is being redeveloped, Planning Conditions will be used as a mechanism to investigate the nature and extent of contamination, and if necessary, remediate the Site to an acceptable standard.

Action: A Phase 1 Environmental Assessment is the first step in the phased approach to contaminated land assessments. If potential contaminant linkages are identified, this will likely lead on to a Phase 2 Intrusive Investigation.



Flood Risk

SEE PAGE 8 OR

[CLICK HERE](#)

PASSED – PRUDENT ACTION



Consultant's Summary

The Site may be susceptible to flooding, particularly during an extreme flooding event. It would be prudent to consider our recommendations below.



Insurance

In most cases insurance should be available at standard terms.



Recommendations

Flood Risk Assessment (FRA) (from £950.00 + VAT)

Risk: The Site is situated within a flood zone 3 and is over 1 hectare.

Action: As development is planned a Flood Risk Assessment (FRA) will be required to support the planning application. It must demonstrate how to manage flood risk so the development will remain safe throughout its lifetime; and will need to be submitted to the Local Authority for approval.

Standard Enquiries

- Ask the seller whether flooding has occurred in the area before. If it has, please contact us for advice.
- Establish the availability of buildings and contents insurance before exchanging contracts.



Agricultural Considerations

SEE PAGE 50 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified agricultural considerations that may be of relevance to the Site.

Nitrate Vulnerable Zones

The farm lies within a Nitrate Vulnerable Zone. Nitrate Vulnerable Zones are areas designated as being at risk from agricultural nitrate pollution. There are certain requirements that should be followed when you use fertilisers and store organic manure.

For further guidance, please see the following link <https://www.gov.uk/government/collections/nitrate-vulnerable-zones>

Environmental Stewardship Schemes

The farm is located within a Entry Level Plus Higher Level Scheme. The Environmental Stewardship Scheme aims to secure widespread environmental benefits (including improved water quality and reduced soil erosion) through financial incentives.

Make enquiries with the land owner or Natural England for further information.

Agricultural Land Classifications

The farm is classified as Grade 3. The classification system is broken down into categories according to the extent to which physical or chemical characteristics (such as climatic conditions and soil chemistry) cause limitations on food production.

Make enquiries with the land owner or Natural England for further information.



Ground Hazards & Coal Mining

SEE PAGE 62 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified ground hazards that may affect the site or nearby area.

Insurance Claims

Our search indicates that the Site is not within an area where Coal Mining Subsidence Damage Claims have been recorded.

Natural Ground Stability

There are very significant soluble rocks in the area. Information provided by the BGS indicates there are places where the underlying ground may have dissolved with some recorded subsidence. There is a moderate potential of localised subsidence occurring naturally.

Information provided by the BGS indicates that land in the area could be prone to compressibility and uneven settlement hazards. There is a moderate potential that problems could occur in the area.

Information from the BGS indicates that the ground in the area is prone to changing shape or volume, usually because of varying amounts of water in the ground throughout the year. This means that there is a moderate potential that problems could occur in the area.

Whether or not a Site is affected by ground movement can depend on a number of factors – including property age and type of construction.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.

Mining

Our search indicates that the Site is not within a Coalfield Consultation Area.

Historical maps indicate that the Site formed part of a mine or quarry. The Site is located on land that was used as Extraction.

The Site has been identified in an area that might have been used for mining other than coal in the past.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.

Radon

The Site is in a higher probability radon area, as between 10 to 30% of homes are estimated to be at or above the action level. As such, the Site has the potential to be affected by Radon. However, this does not necessarily mean that the Site is located on an area of high radon or that there is cause for concern.

As such, basic radon protective measures are necessary in the construction of new dwellings or extensions. Basic protective measures comprise a radon barrier laid across the footprint of the building.

As such, full radon protective measures are necessary in the construction of new dwellings or extensions. Full protective measures comprise a radon barrier laid across the footprint of the building, and provision for subfloor extraction or ventilation.

We recommend you follow Public Health England advice that homes in affected areas should be tested. For further information please contact the Public Health England (see Contacts section) or go to www.ukradon.org



Energy & Infrastructure

SEE PAGE 73 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified projects that may affect the Site or nearby area. These projects could result in visual impact or noise to the neighborhood. They could also affect nearby property values; this could be a negative affect or a positive one. For instance, being near a new rail link may boost values in the local area.

The Site is within 250m of above or below ground railways or trams. You may wish to visit the Site to understand any possible effect.



Report Scope

Report Prepared on: **LAND AT MANOR FARM, ESSENDINE, PE9 4LQ**

Current Use: **Agricultural**

Proposed Use: **Agricultural (assumed solar farm development)**

Transaction Type: **Assumed purchase**

Site Area (m²): **1874590.72**

National Grid Reference: **503520 312970**



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Contaminated Land Consultant Commentary



On-site Sources

LOW

A review of historical maps dating from c.1888 shows no significant potentially contaminative uses on the farm.

According to current mapping and aerial photography the farm is comprised primarily of open arable fields, with minor areas of woodland.

Off-site Sources

MODERATE TO HIGH

A review of historical maps dating from c.1888 shows the following potentially contaminative uses within 100m of the farm: farm yards and associated agricultural buildings adjacent north-west and north-east, quarries 10m north with one later labelled as a refuse tip and subsequently a depot, old gravel/sand pits from 15m north-east and a stone pit adjacent east, railways adjacent east, works with an associated tank 70m south-east, and a filling station 80m south-east.

We have identified the following recorded landfills/permits in proximity to the Site:

- a landfill site with three records from 15m north which collectively state this was operated by South Kesteven Rural District Council, and accepted commercial and household waste from 1946 until 1972;
- another nearby landfill Site with four records from 14m north which collectively state this landfill site accepted household waste from 1965 until 1975;
- an active COMAH 122m east;
- an inactive NIHHS 200m east;
- and Planning Hazardous Substance Consents 171m east.

Pathways and Receptors

HIGH

The general area appears to be in agricultural use, with residential properties located adjacent north-west and south-east.

The superficial hydrogeology underlying the Site is classified as a Secondary Aquifer - A and a Secondary Aquifer - Undifferentiated. The bedrock hydrogeology is classified as a Principal Aquifer, a Secondary Aquifer - A, a Secondary Aquifer - B and Unproductive Strata.

The Site lies within a Source Protection Zone II.

There are six non-potable abstraction licences located within 100m; the closest is a stream abstraction in the north of the Site for agricultural use.

There are no potable abstraction licences within 500m.

The nearest watercourse is the West Glen River along the east of the farm.

One designated eco-receptor was identified within 500m of the Site. This is a Site of Special Scientific Interest adjacent north-west.

Contaminated Land Consultant Commentary



Additional Sources of Information

No additional sources of information have been used.

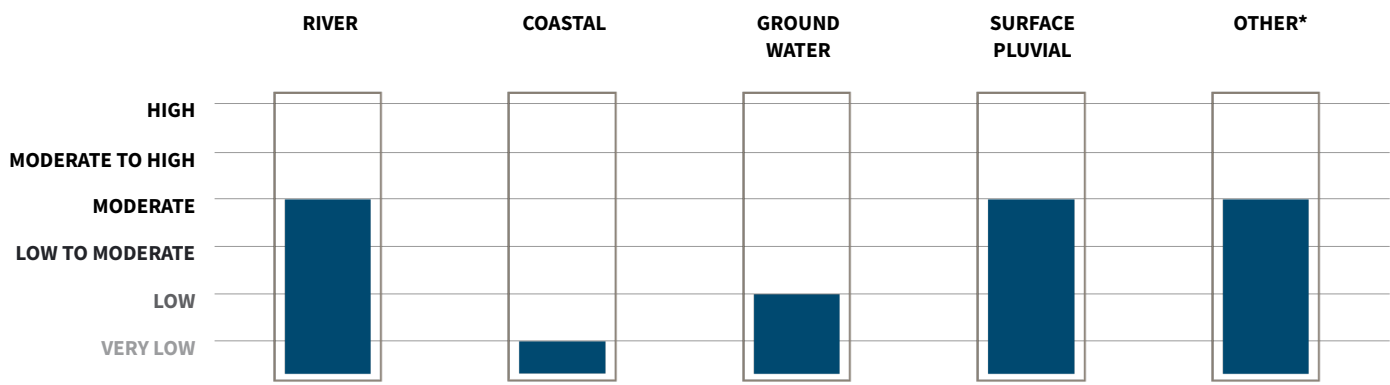
Flood Risk

Consultant Commentary



Flood Analysis

Would a Flood Risk Assessment be required if development is proposed?	YES (Full)
What is the risk of flooding in an undefended scenario or assuming defences fail?	MODERATE
Are there existing flood defences within 500m of the Site?	YES
What is the risk of flooding when these defences are operational?	MODERATE



* Other factors influencing flood risk include flood storage areas, historical floods, and proximity to water features.

Argyll's Comment

River	As the West Glen River runs along the east of the farm, this area of the Site is at a high risk of flooding. Although defences are located in the wider area, small areas along the watercourse remain at a high risk. However, as this accounts for a minor portion of the Site and is restricted to undeveloped open land, we have revised the overall risk to the Site to moderate.
Coastal	No commentary required.
Groundwater	No commentary required.
Surface Water	Low lying areas across the Site are at risk of surface water flooding. A small area is at moderate to high risk, with a larger area at moderate risk. Depths of flooding in moderate risk areas are not expected to exceed 0.3m during a flood event.
Other Factors	The adjacent West Glen River does not present an immediate risk, however it could pose a risk during extreme storm events or in the event of a blockage.

Contaminated Land

Data Section



Contaminated Land Data: This section details the data used as part of our Contaminated Land Risk analysis. Each key dataset is mapped with the detail outlined beneath. We only show section headers beyond the tabular summary where we have found data to report. The relevant data has been reviewed by the report writer, supplemented by a review of historical mapping.

contents

Tabular Summary	This section gives an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. The search distances vary based on the scale of the activity and regulatory guidance. We display the number of records found in each database under the relevant heading. Where we have not searched a database, we will display the abbreviation N/A instead.
Authorised Industrial Processes	This section shows current and licensed activities relevant to contaminated land and environmental controls from a range of regulatory bodies. The search distances vary based on the scale of the activity.
Incidents and Enforcements	This section shows pollution incidents, licence enforcements and prosecutions. It also includes Contaminated Land Register Entries and Notices.
Landfill and Waste sites	This section presents detailed information on waste and landfill sites for the Site and surrounding area.
Current Land Use	This section shows contemporary trade directories and fuel stations. This information is indicative of operations at the Site and surrounding area, and may also relate to inactive or former land uses.
Historical Land Use	This section presents selected information on historical land use for the Site and surrounding area. The data shows historical land use information collected from 1:10,000 scale mapping, and for tanks and energy facilities 1:2,500 scale mapping. This includes polygon and point based land uses digitised by Landmark.
Groundwater Vulnerability	This section presents information relating to the aquifer designations beneath the Site. The aquifer designation of the Superficial and Bedrock geology are both mapped, followed by the detail. These aquifer designations are followed by information on the local geology. This information is considered in our Pathways and Receptors section.
Environmental Sensitivity	This section presents designated eco-receptors and sensitive area designations at the Site and in the surrounding area. This information is considered in our Pathways and Receptors section.



Contaminated Land: Tabular Summary

Authorised Industrial Processes

Authorisations	On-site	1-100m	101-250m
Local Authority Pollution Prevention and Controls	0	0	N/A
Local Authority Integrated Pollution Prevention And Control	0	0	N/A
Integrated Pollution Controls	0	0	N/A
Environmental Permitting Regulations - Industry	0	0	N/A
Radioactive Substances Register*	0	0	N/A
Discharges	On-site	1-100m	101-250m
Consented Discharges to Controlled Waters**	0	0	N/A
Referrals of Red List Discharges to Sewers (Corporate Entities)**	0	0	N/A
Hazardous Sites	On-site	1-100m	101-250m
Control of Major Accident Hazards Sites (COMAH)	0	0	1
Explosive Sites	0	0	0
Notification of Installations Handling Hazardous Substances (NIHHS)	0	0	1
Planning Hazardous Substance Consents	0	0	5

Incidents and Enforcements

Contraventions	On-site	1-100m	101-250m
Contaminated Land Register Entries and Notices	0	0	0
Local Authority Pollution Prevention and Control Enforcements	0	0	N/A
Enforcement and Prohibition Notices	0	0	N/A
Planning Hazardous Substance Enforcements	0	0	N/A
Environmental Pollution Incidents	0	0	N/A
Prosecutions (Post 2000)	0	0	N/A

Landfill and Waste Sites

Landfill and Waste	On-site	1-100m	101-250m
BGS Recorded Landfill Sites	0	1	0
Integrated Pollution Control Registered Waste Sites	0	0	0
Permitted Waste Sites - Authorised Landfill Site Boundaries	0	0	0
Environmental Permitting Regulations - Waste Sites	0	0	0
Local Authority Recorded Landfill Sites	0	4	0
Registered Landfill Sites	0	0	0
Registered Waste Transfer Sites	0	0	N/A
Registered Waste Treatment or Disposal Sites	0	0	N/A
Historic Landfill	0	2	0



Contaminated Land: Tabular Summary

Current Land Use

Current Potentially Contaminative Uses	On-site	1-100m	101-250m
Contemporary Trade Directory Entries**	0	0	N/A
Fuel Station Entries	0	0	N/A

Historical Land Use

Historical Potentially Contaminative Uses	On-site	1-100m	101-250m
Historical Tanks And Energy Facilities	0	0	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	0	11	N/A

Potentially Infilled Land	On-site	1-100m	101-250m
Former Marshes	0	0	N/A
Potentially Infilled Land (Non-Water)	0	2	N/A
Potentially Infilled Land (Water)	0	0	N/A

Groundwater Vulnerability

Hydrogeology	On-site	1-250m	251-500m
Superficial Aquifer Designations	Yes	N/A	N/A
Bedrock Aquifer Designations	Yes	N/A	N/A

Geology

Geology	On-site	1-250m	251-500m
BGS 1:50,000 Bedrock Geology	Yes	N/A	N/A
BGS 1:50,000 Superficial Deposits	Yes	N/A	N/A
BGS 1:50,000 Geological Mapping Coverage	Yes	N/A	N/A



Contaminated Land: Tabular Summary

Environmental Sensitivity

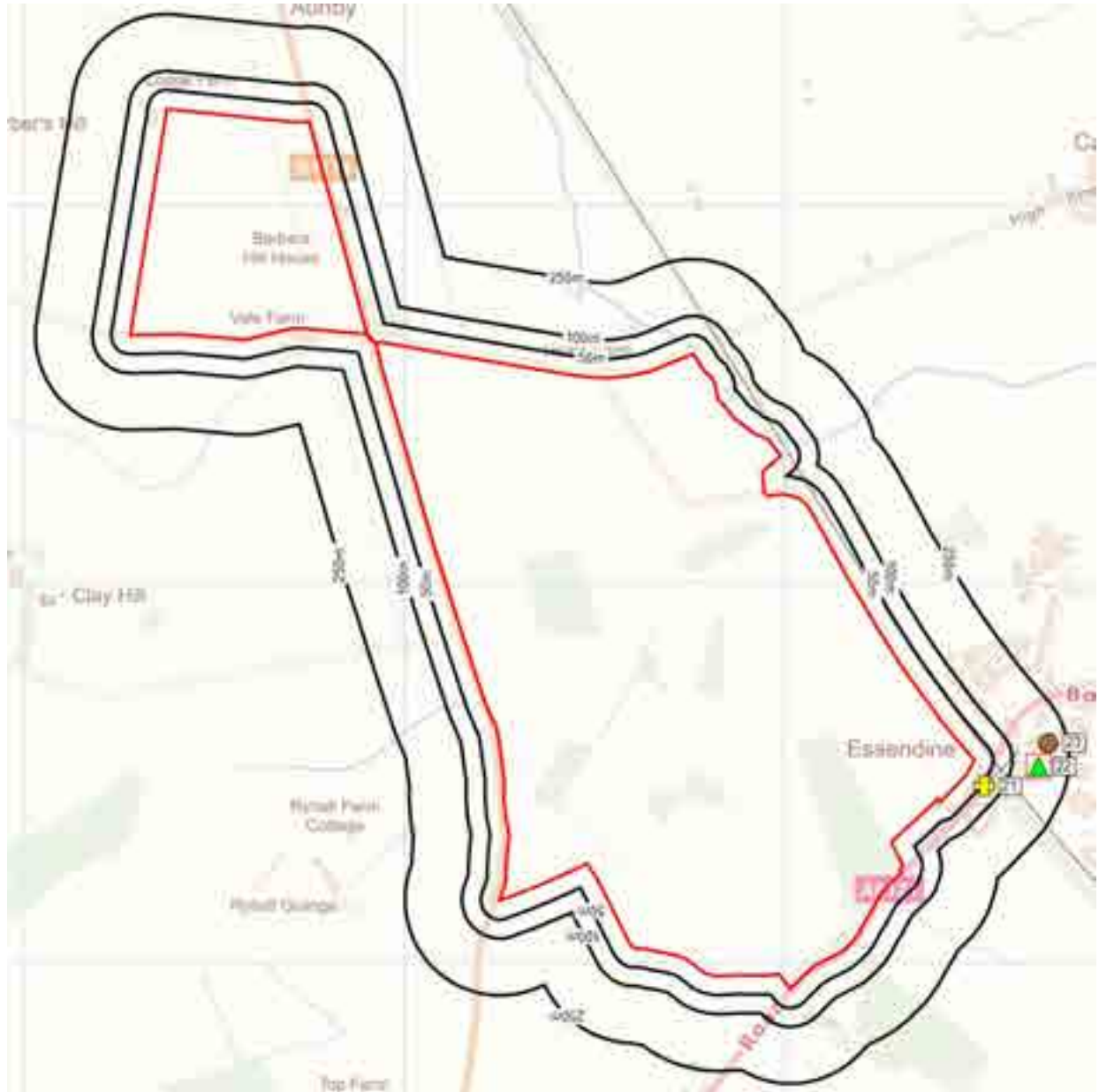
Environmental Sensitivity	On-site	1-250m	251-500m
Areas of Outstanding Natural Beauty	0	0	0
Environmentally Sensitive Areas	0	0	0
Forest Parks	0	0	0
Local Nature Reserves	0	0	0
Marine Conservation Zones	0	0	0
National Nature Reserves	0	0	0
National Parks	0	0	0
Ramsar Sites	0	0	0
Sites of Special Scientific Interest	1	0	0
Special Areas of Conservation	0	0	0
Special Protection Areas	0	0	0
Water Abstractions	1	5	0
Source Protection Zones	2	0	0

**dataset searched to 25m

*dataset searched to 50m



Contaminated Land: Authorised Industrial Processes



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- | | |
|---|---|
| Site | Consented Discharges to Controlled Waters |
| Multiple Features Present | Referrals of Red List Discharges to Sewers (Corporate Entities) |
| Local Authority Pollution Prevention and Controls | Control of Major Accident Hazards Sites (COMAH) |
| Local Authority Integrated Pollution Prevention And Control | Explosive Sites |
| Integrated Pollution Controls | Notification of Installations Handling Hazardous Substances (NIHHS) |
| Environmental Permitting Regulations - Industry | Planning Hazardous Substance Consents |
| Radioactive Substances Register | |



Authorisations

Local Authority Pollution Prevention and Controls

No features identified.

Local Authority Integrated Pollution Prevention And Control

No features identified.

Integrated Pollution Controls

No features identified.

Environmental Permitting Regulations - Industry

No features identified.

Radioactive Substances Register

No features identified.



Discharges

Consented Discharges to Controlled Waters

No features identified.

Referrals of Red List Discharges to Sewers (Corporate Entities)

No features identified.



Hazardous Sites

Control of Major Accident Hazards Sites (COMAH)

Map ID	Details	Distance	Direction	Contact
21	<p>Name: Heys Group Limited (The)</p> <p>Status: Active</p> <p>Location: Essendine, Bourne Road, Stamford, Pe9</p> <p>COMAH Type: Upper Tier</p>	122m	E	4

Explosive Sites

No features identified.

Notification of Installations Handling Hazardous Substances (NIHHS)

Map ID	Details	Distance	Direction	Contact
23	<p>Name: Stamford Storage Limited</p> <p>Status: Not Active</p> <p>Location: Bourne Road Near, STAMFORD, Lincolnshire, PE9 4LT</p>	200m	E	4

Planning Hazardous Substance Consents

Map ID	Details	Distance	Direction	Contact
22	<p>Name: Stamford Storage</p> <p>Reference: Hza/1999/0877</p> <p>Status: Withdrawn</p> <p>Location: Bourne Road, Essendine</p> <p>Type: Planning (Hazardous Substance) Regulations 1992 as amended by the Planning (COMAH) Regulations 1999</p> <p>Hazardous Substance: Phosphorus trihydride (phosphine)</p>	171m	E	5
22	<p>Name: Stamford Storage</p> <p>Reference: Hza/2004/0898</p> <p>Status: Deemed Consent Granted Granted</p> <p>Location: Bourne Road, Essendine</p> <p>Type: Storage of Unknown Hazardous Substances</p> <p>Hazardous Substance: Unknown at time of report</p>	171m	E	5
22	<p>Name: Stamford Storage</p> <p>Reference: Hza/1992/0536</p> <p>Status: Deemed Consent Granted Granted</p> <p>Location: Bourne Road, Essendine, STAMFORD, Lincolnshire, PE9 4LT</p> <p>Type: Storage of Toxic Substances</p> <p>Hazardous Substance: Bromine</p>	171m	E	5
22	<p>Name: Stamford Storage</p> <p>Reference: Hza/1992/0536</p> <p>Status: Deemed Consent Granted Granted</p> <p>Location: Meadow Park Industrial Estate, Bourne Road, Essendine, Stamford, Lincolnshire, Pe9 4lt</p> <p>Type: Storage of Toxic Substances</p> <p>Hazardous Substance: Part A, Toxic Substance, Methyl bromide (Bromoethane), where amount held is greater than or equal to 200 tonnes</p>	171m	E	5

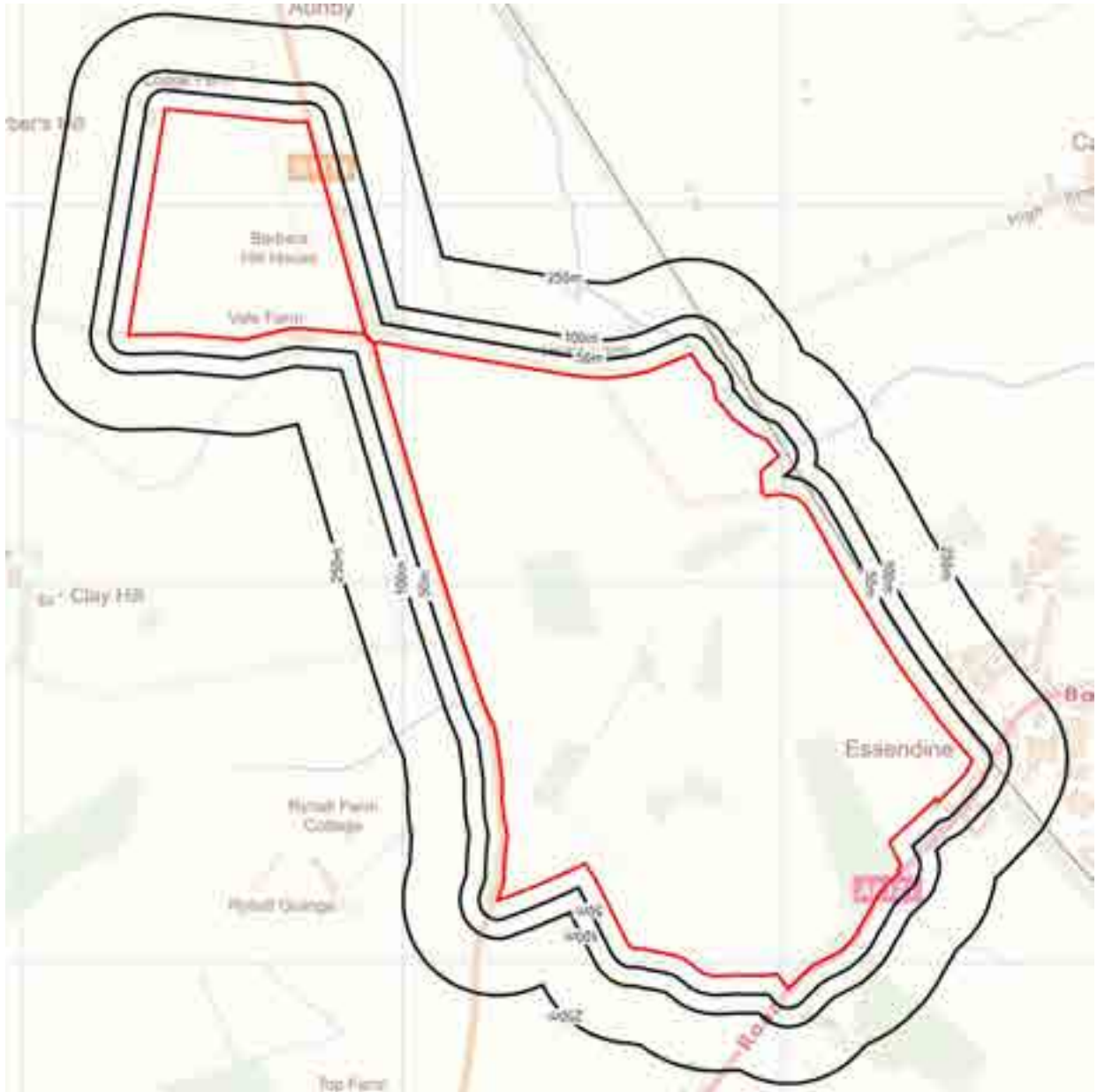


Contaminated Land: Authorised Industrial Processes

Map ID	Details	Distance	Direction	Contact
22	<p>Name: Stamford Storage Reference: Hza/1992/0536 Status: Deemed Consent Granted Granted Location: Bourne Road, Essendine, STAMFORD, Lincolnshire, PE9 4LT Type: Storage of Highly Reactive Substances and Explosive Substances Hazardous Substance: Ammonium nitrate and ammonium nitrate compounds (where nitrogen content is more than 28% by weight) or aqueous ammonium nitrate solutions (where concentration of ammonium nitrate is more than 90% by weight)</p>	171m	E	5



Contaminated Land: Incidents and Enforcements



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- | | |
|---|---|
| Site | Enforcement and Prohibition Notices |
| Multiple Features Present | Planning Hazardous Substance Enforcements |
| Contaminated Land Register Entries and Notices | Environmental Pollution Incidents |
| Local Authority Pollution Prevention and Control Enforcements | Prosecutions (Post 2000) |



Contaminated Land: Incidents and Enforcements

Contraventions

Contaminated Land Register Entries and Notices

No features identified.

Local Authority Pollution Prevention and Control Enforcements

No features identified.

Enforcement and Prohibition Notices

No features identified.

Planning Hazardous Substance Enforcements

No features identified.

Environmental Pollution Incidents

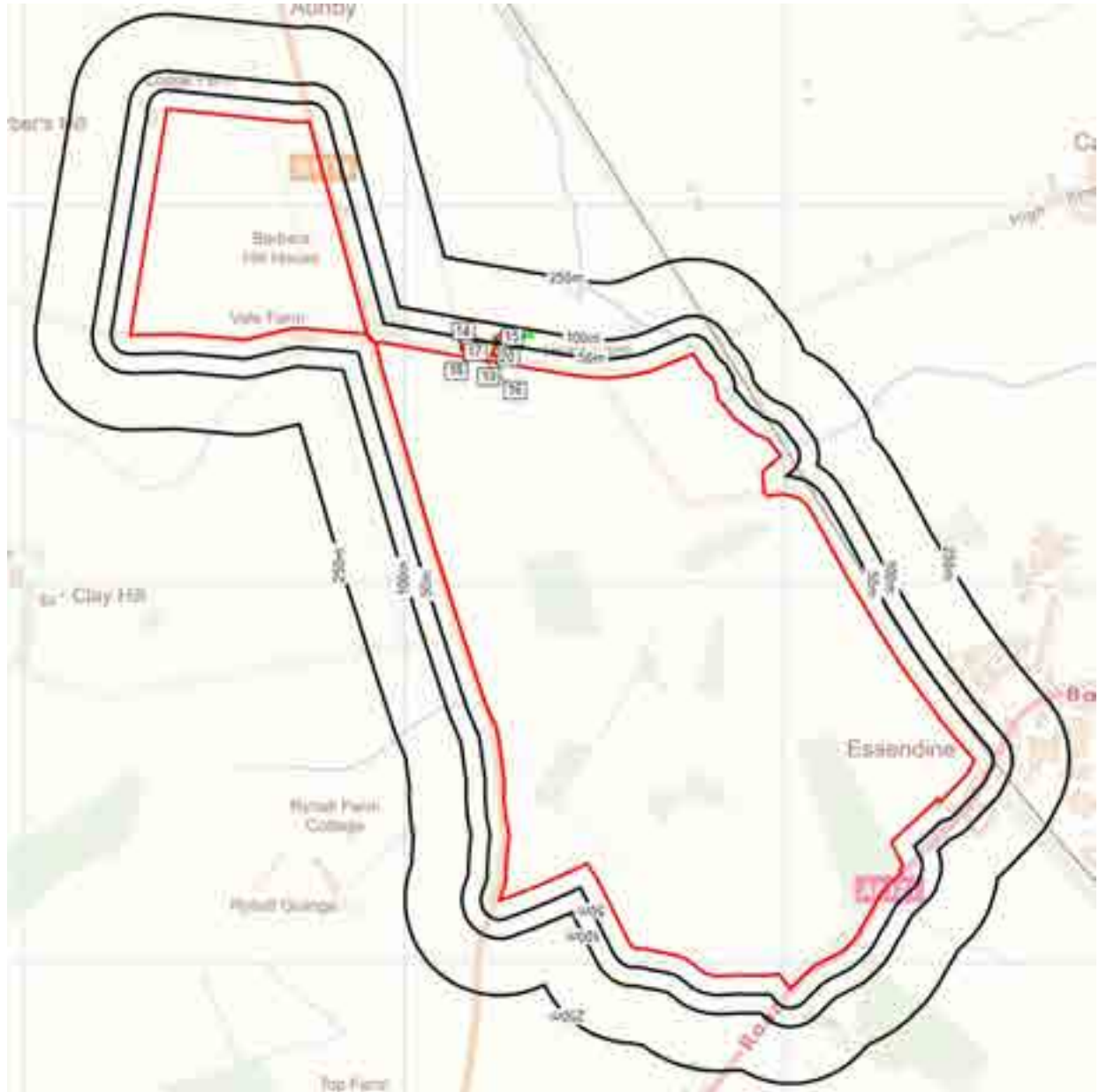
No features identified.

Prosecutions (Post 2000)

No features identified.



Contaminated Land: Landfill and Waste



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- | | | | | |
|--|---------------------------|--|--|--|
| | Site | | | Local Authority Recorded Landfill Sites |
| | Multiple Features Present | | | Registered Landfill Sites |
| | | | | Registered Waste Transfer Sites |
| | | | | Registered Waste Treatment or Disposal Sites |
| | | | | Historic Landfill |
| | | | | |
- BGS Recorded Landfill Sites
 Integrated Pollution Control Registered Waste Sites
 Permitted Waste Sites - Authorised Landfill Site Boundaries
 Environmental Permitting Regulations - Waste Sites



Contaminated Land: Landfill and Waste

Landfill and Waste

BGS Recorded Landfill Sites

Map ID	Details	Distance	Direction	Contact
17	<p>Name: Caseby Rd Reference: 217 Location: Caseby, STAMFORD, Lincs Ground Water: Threat to ground water Surface Water: No threat to surface water</p>	16m	NW	8

Integrated Pollution Control Registered Waste Sites

No features identified.

Permitted Waste Sites - Authorised Landfill Site Boundaries

No features identified.

Environmental Permitting Regulations - Waste Sites

No features identified.

Local Authority Recorded Landfill Sites

Map ID	Details	Distance	Direction	Contact
14	<p>Last Reported Status: Unknown Reference: Not Supplied Location: Not Supplied Waste Text: Not Supplied Date of Closure: Not Supplied</p>	14m	NW	7
15	<p>Last Reported Status: Unknown Reference: Not Supplied Location: Not Supplied Waste Text: Not Supplied Date of Closure: Not Supplied</p>	15m	N	7
18	<p>Last Reported Status: Closed Reference: 11 Location: Careby Rd, Carlby Waste Text: Domestic, Trade Date of Closure: Post 1972</p>	16m	NW	6
20	<p>Last Reported Status: Closed Reference: 12 Location: Pickworth Rd, Carlby Waste Text: Domestic Date of Closure: 1975</p>	17m	N	6

Registered Landfill Sites

No features identified.

Registered Waste Transfer Sites

No features identified.

Registered Waste Treatment or Disposal Sites

No features identified.



Contaminated Land: Landfill and Waste

Historic Landfill

Map ID	Details	Distance	Direction	Contact
16	<p>Date of Issue:</p> <p>Last Input Date: 31st December 1972</p> <p>Name: Careby Road</p> <p>Reference: EAHLD00283</p> <p>Location: Carlby, Lincolnshire</p> <p>Specified Waste Type: Deposited Waste included Commercial and Household Waste</p> <p>First Input Date: 31st December 1946</p>	15m	NW	3
19	<p>Date of Issue:</p> <p>Last Input Date: 31st December 1975</p> <p>Name: Careby Road</p> <p>Reference: EAHLD00284</p> <p>Location: Pickworth Road, Carlby</p> <p>Specified Waste Type: Deposited Waste included Household Waste</p> <p>First Input Date: 31st December 1965</p>	16m	N	3




Contaminated Land: Current Land Uses



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 Site

 Multiple Features Present

 Contemporary Trade Directory Entries

 Fuel Station Entries



Contaminated Land: Current Land Uses

Current Potentially Contaminative Uses

Contemporary Trade Directory Entries

No features identified.

Fuel Station Entries

No features identified.



Contaminated Land: Historical Land Uses

Historical Potentially Contaminative Uses

Historical Tanks And Energy Facilities

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

Map ID	Details	Distance	Direction	Contact
1	Class: General quarrying Map Published Date: 1891-1959	10m	NW	1
2	Class: General quarrying Map Published Date: 1891	14m	N	1
4	Class: Railways Map Published Date: 1891-1958	19m	NE	1
5	Class: Railways Map Published Date: 1983	19m	NE	1
6	Class: General quarrying Map Published Date: 1891	22m	NE	1
7	Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1891	32m	NE	1
9	Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1891	51m	N	1
10	Class: Railways Map Published Date: 1892-1958	52m	E	1
11	Class: Railways Map Published Date: 1892-1983	63m	SE	1
12	Class: Factory or works - use not specified Map Published Date: 1983	78m	E	1
13	Class: Factory or works - use not specified Map Published Date: 1983	97m	E	1



Contaminated Land: Historical Land Uses

Potentially Infilled Land

Former Marshes

No features identified.

Potentially Infilled Land (Non-Water)

Map ID	Details	Distance	Direction	Contact
3	Details: Unknown Filled Ground (Pit, quarry etc) Map Published Date: 1983	15m	NW	1
8	Details: Unknown Filled Ground (Pit, quarry etc) Map Published Date: 1983	32m	NE	1

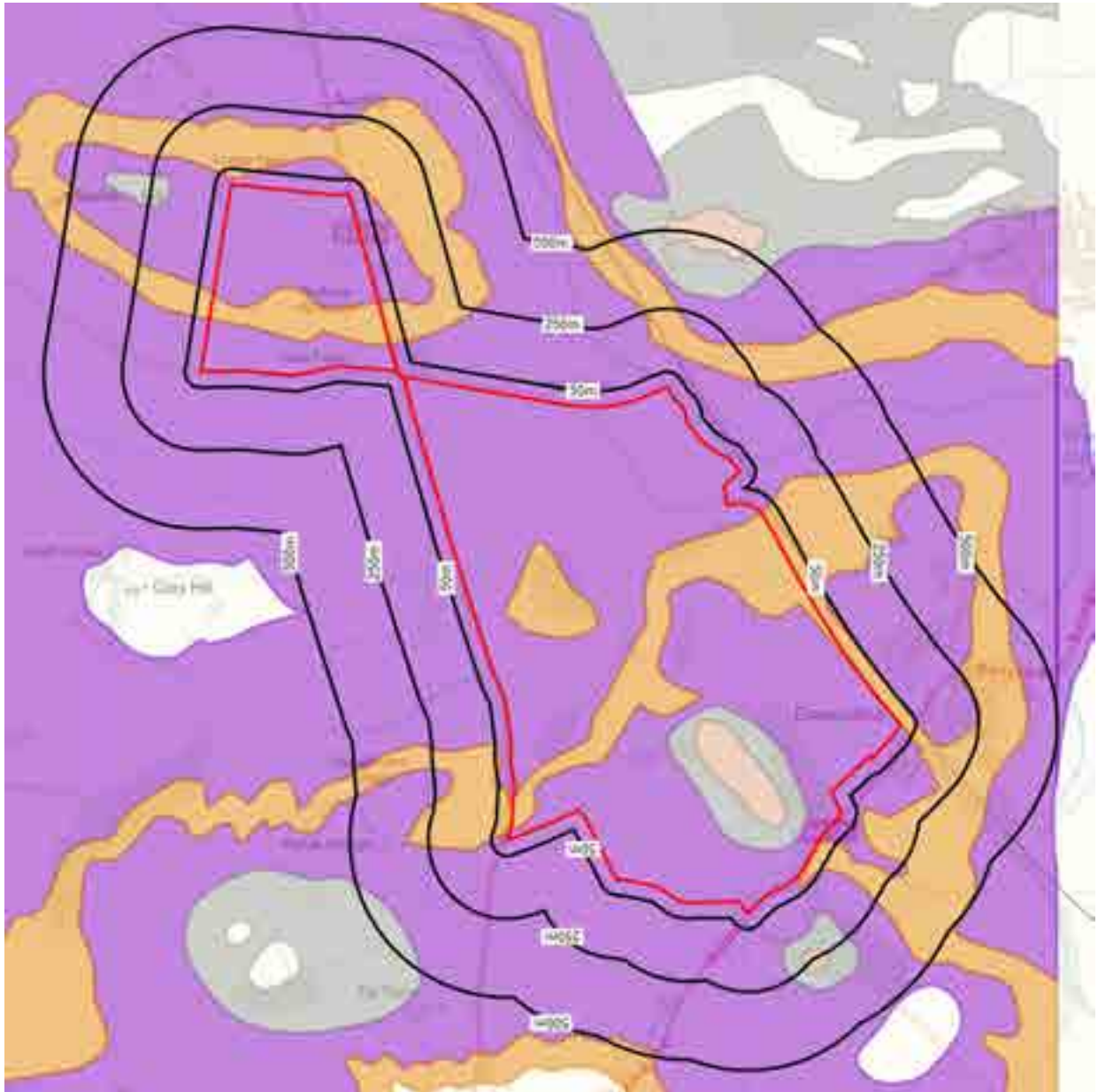
Potentially Infilled Land (Water)

No features identified.



Contaminated Land: Groundwater Vulnerability

Bedrock



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Site



Principal Aquifer



Secondary Aquifer A



Secondary Aquifer B



Secondary Aquifer Undifferentiated



Unproductive Strata



Unknown



Hydrogeology

Bedrock Aquifer Designations

Details	Distance	Direction	Contact
Aquifer Designation: Secondary Aquifer - B	0m	E	9
Aquifer Designation: Unproductive Strata	0m	SE	9
Aquifer Designation: Principal Aquifer	0m	NW	9
Aquifer Designation: Secondary Aquifer - A	0m	SE	9

Superficial Aquifer Designations

Details	Distance	Direction	Contact
Aquifer Designation: Secondary Aquifer - A	0m	SE	9
Aquifer Designation: Secondary Aquifer - Undifferentiated	0m	E	9



Geology

BGS 1:50,000 Bedrock Geology

Details	Distance	Direction	Contact
Lex Code: RLD Rock Name: Rutland Formation Rock Type: Argillaceous Rocks with Subordinate Sandstone and Limestone Min Age: Not Supplied Max Age: Bajocian	0m	SW	10
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	SE	10
Lex Code: CB Rock Name: Cornbrash Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SE	10
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	E	10
Lex Code: RLD Rock Name: Rutland Formation Rock Type: Argillaceous Rocks with Subordinate Sandstone and Limestone Min Age: Not Supplied Max Age: Bajocian	0m	E	10
Lex Code: LLL Rock Name: Lower Lincolnshire Limestone Member Rock Type: Limestone Min Age: Not Supplied Max Age: Bajocian	0m	NW	10
Lex Code: RLD Rock Name: Rutland Formation Rock Type: Argillaceous Rocks with Subordinate Sandstone and Limestone Min Age: Not Supplied Max Age: Bajocian	0m	NW	10
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	NW	10
Lex Code: ULL Rock Name: Upper Lincolnshire Limestone Member Rock Type: Limestone Min Age: Not Supplied Max Age: Bajocian	0m	N	10

BGS 1:50,000 Superficial Deposits

Details	Distance	Direction	Contact
Lex Code: HEAD Rock Name: Head	0m	N	10



Contaminated Land: Geology

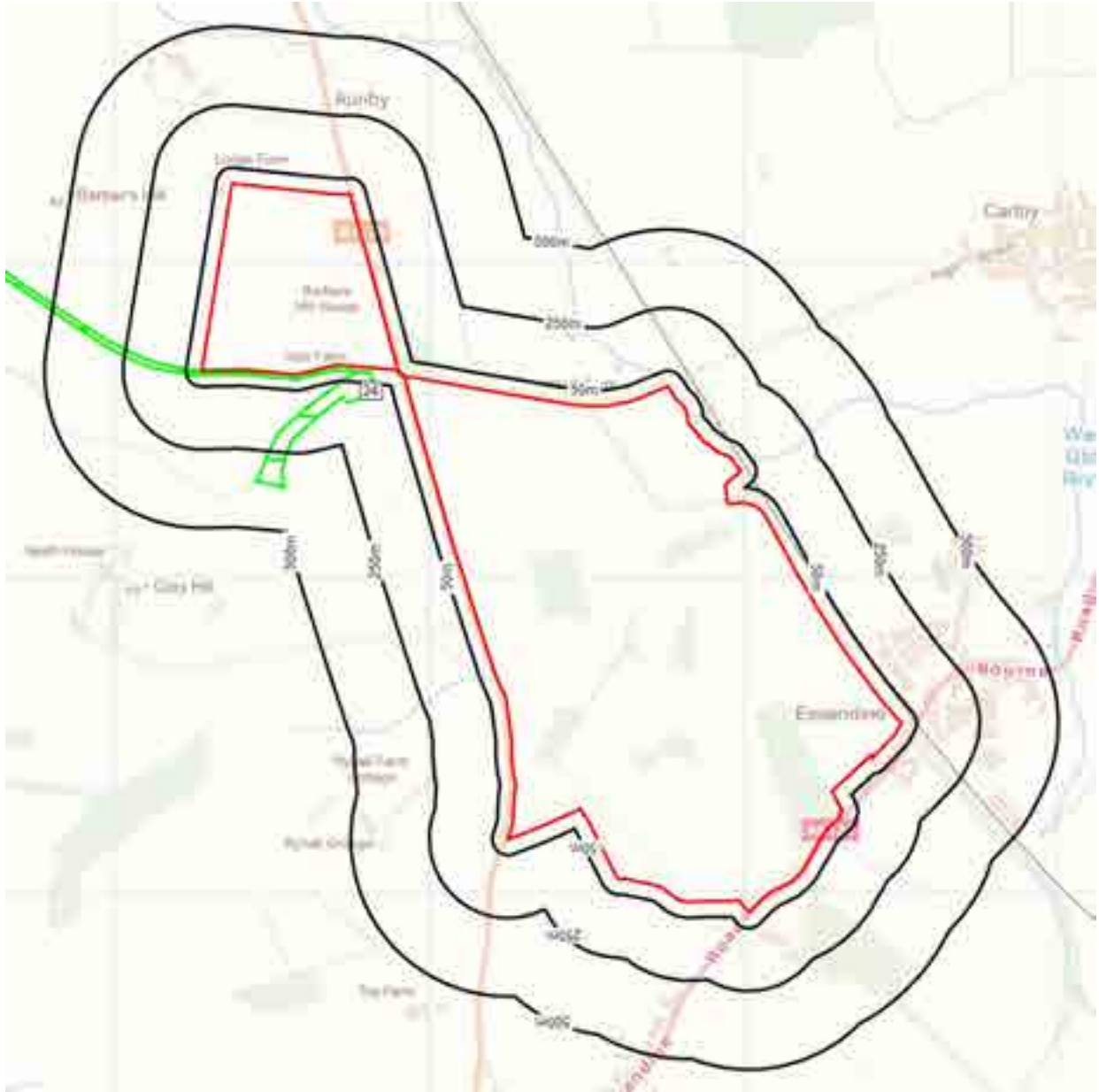
Details	Distance	Direction	Contact
Lex Code: ALV Rock Name: Alluvium Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Holocene	0m	NE	10
Lex Code: RTD1 Rock Name: River Terrace Deposits, 1 Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	N	10
Lex Code: HEAD Rock Name: Head Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	E	10
Lex Code: GFDMP Rock Name: Glaciofluvial Deposits, Mid Pleistocene Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Cromerian	0m	E	10
Lex Code: RTD1 Rock Name: River Terrace Deposits, 1 Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	NE	10
Lex Code: GFDMP Rock Name: Glaciofluvial Deposits, Mid Pleistocene Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Cromerian	0m	SE	10

BGS 1:50,000 Geological Mapping Coverage

Details	Distance	Direction	Contact
Map Sheet No: 157 Map Name: Stamford Bedrock Geology: Available Superficial Geology: Available	0m	N	10



Contaminated Land: Environmental Sensitivity

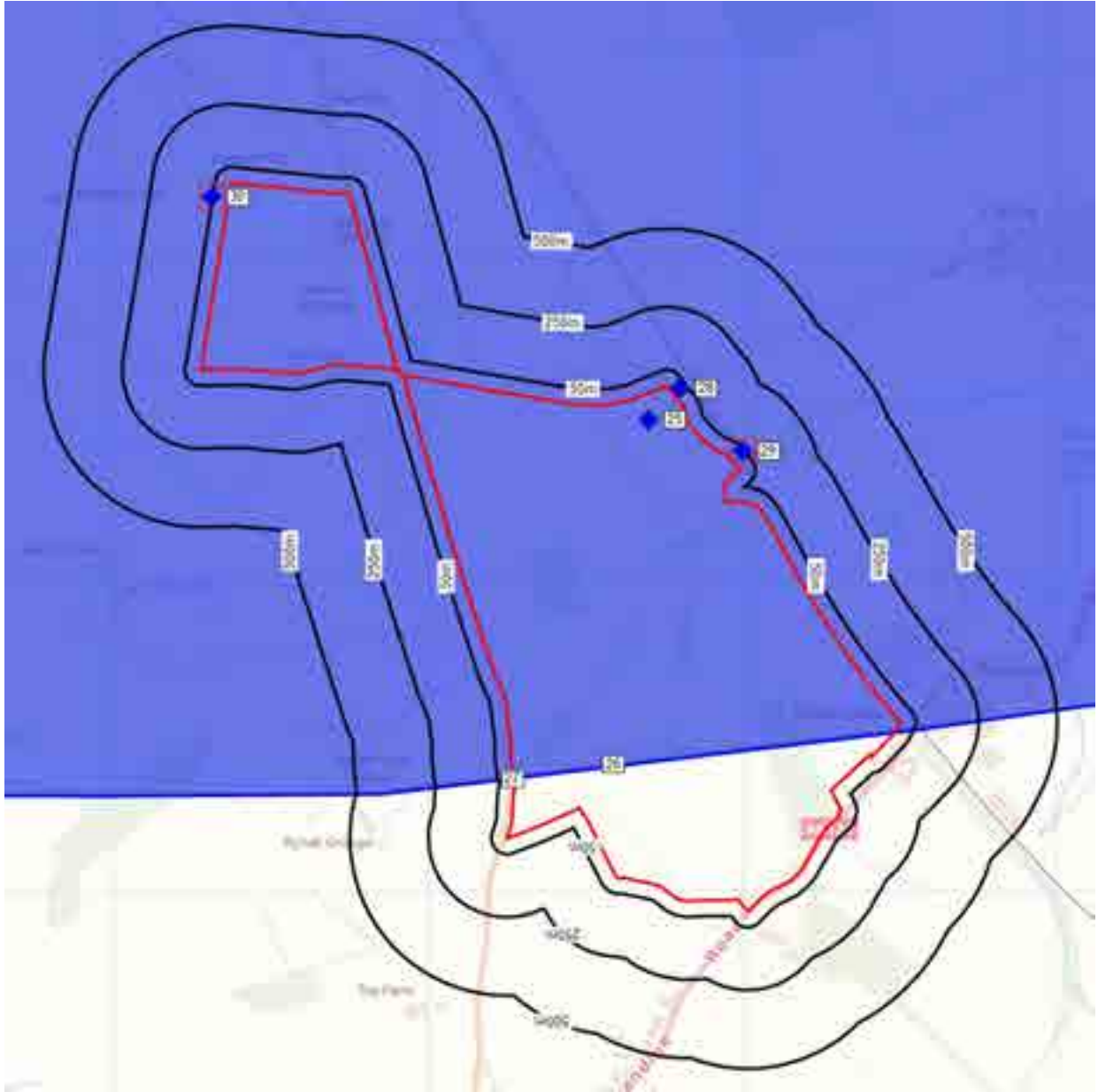


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Site	Local Nature Reserves	RAMSAR Sites
Multiple Features Present	Marine Nature Reserves	Sites of Special Scientific Interest
Areas of Outstanding Natural Beauty	National Nature Reserves	Special Areas of Conservation
Environmentally Sensitive Areas	National Parks	Special Protection Areas
Forest Parks	National Scenic Areas	



Contaminated Land: Source Protection Zones



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- | | |
|---------------------------|---------------------------|
| Site | Outer Zone (Zone 2c) |
| Multiple Features Present | Total Catchment (Zone 3) |
| Inner Zone (zone 1) | Total Catchment (Zone 3c) |
| Inner Zone (zone 1c) | Special Interest (Zone 4) |
| Outer Zone (Zone 2) | Water Abstractions |



Environmental Sensitivity

Areas of Outstanding Natural Beauty

No features identified.

Environmentally Sensitive Areas

No features identified.

Forest Parks

No features identified.

Local Nature Reserves

No features identified.

Marine Conservation Zones

No features identified.

National Nature Reserves

No features identified.

National Parks

No features identified.

Ramsar Sites

No features identified.

Sites of Special Scientific Interest

Map ID	Details	Distance	Direction	Contact
24	Name: Ryhall Pasture And Little Warren Verges Reference: 1004094 Total Area: 62420.36m ²	0m	NW	11

Special Areas of Conservation

No features identified.

Special Protection Areas

No features identified.

Water Abstractions

Map ID	Details	Distance	Direction	Contact
25	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	0m	N	3
28	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	30m	NE	3



Contaminated Land: Environmental Sensitivity

Map ID	Details	Distance	Direction	Contact
29	Abstraction Source: Surface Abstraction Type: Abstractions Agricultural Reference:	45m	NE	3
29	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	42m	NE	3
30	Abstraction Source: Groundwater Abstraction Type: Abstractions Agricultural Reference:	54m	NW	3
30	Abstraction Source: Groundwater Abstraction Type: Abstractions Agricultural Reference:	62m	NW	3

Source Protection Zones

Map ID	Details	Distance	Direction	Contact
26	Name: Not Supplied Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	0m	N	3
27	Name: Not Supplied Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	0m	N	3

Flood Risk

Data Section



Flood Risk Data: This section details the data used as part of our Flood Risk analysis. Each key source of flooding has the data mapped with the detail outlined beneath. All relevant data in this section has been reviewed by the report writer and taken into account in the overall analysis. As a result, the individual risks in the data below may vary from our overall opinion.

contents

Tabular Summary	This section gives an overview of the data at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. Where we have not been able to search a database, we will display the abbreviation N/A instead.
River and Coastal Flooding	The data used to form our river and coastal flood risk analysis includes: <ul style="list-style-type: none">• Flood Zones: Created for land-use planning, Flood Zones map the likelihood of flooding assuming no defences are present, fail or are over-topped. This data is presented as FZ1, FZ2 or FZ3.• Risk of Flooding from Rivers and Seas (RoFRS): Provides an indication of flood risk taking into account the presence of defences and the level of protection they offer.• Flood Defences: Recorded by the regulatory body, and includes defence type and standard of protection.• Areas Benefiting from Flood Defences: Areas defined as having protection of at least 1 in 100 for river and 1 in 200 for coastal.• Flood Storage Areas: Areas that store floodwater during flood events.
Surface Water Flooding	We present the risk of surface water flooding in three separate return periods: <ul style="list-style-type: none">• 1:75• 1:200• 1:1000 Each map will show the likely flood depth bandings within each of these return periods.
Groundwater Flooding	The data takes into account the two key mechanisms of groundwater flooding; clearwater and permeable superficial deposits.
Other Factors	This section accounts for risk that is not tied to modelled data. It includes historical floods, proximity to water features and elevation above both of these features.



Flood Risk: Tabular Summary

Flooding

River and Coastal Flooding	On-site	1-250m	251-500m
Flooding from Rivers or Sea without Defences (Flood Zone 3)	Yes	Yes	Yes
Extreme Flooding from Rivers or Sea without Defences (Flood Zone 2)	Yes	Yes	Yes
Areas Benefitting from Flood Defences	No	No	No
Spatial Flood Defences (with attributes)	Yes	Yes	Yes
Risk of Flooding from Rivers and Sea (RoFRS)	Yes	Yes	Yes

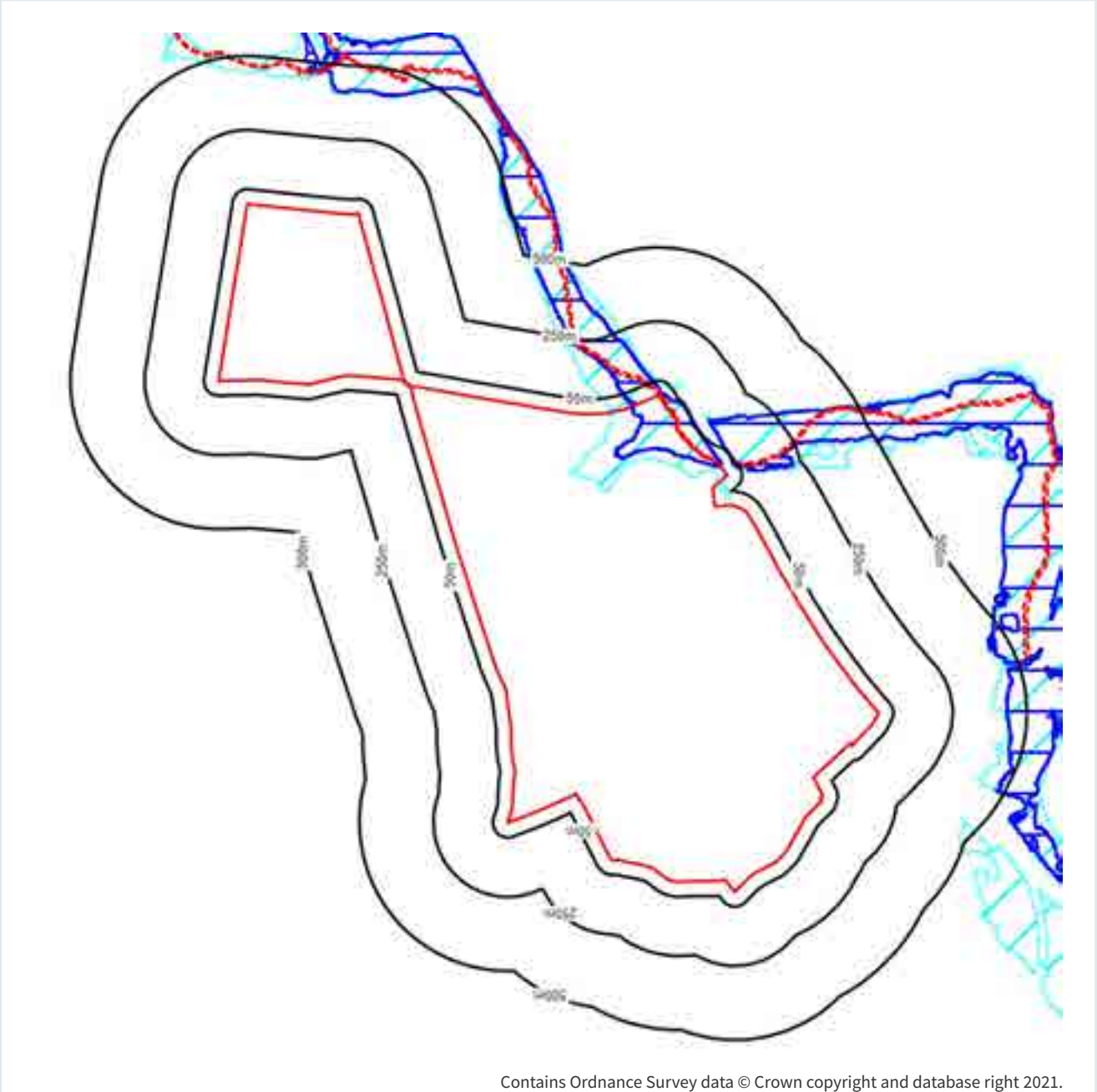
Surface Water Flooding	On-site	1-250m	251-500m
JBA Pluvial 75 Depths	Yes	Yes	Yes
JBA Pluvial 200 Depths	Yes	Yes	Yes
JBA Pluvial 1000 Depths	Yes	Yes	Yes

Groundwater Flooding	On-site	1-250m	251-500m
Groundwater Flood Risk 5m	Yes	Yes	Yes

Other Factors	On-site	1-250m	251-500m
Flood Storage Areas	No	No	No
Recorded Flood Outlines	No	No	No
OS VectorMap District - Water Features	No	No	No
OS MasterMap Water Network	Yes	Yes	Yes





Flood Risk: River and Coastal (map 1)





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 Site

 Flood Zone 3

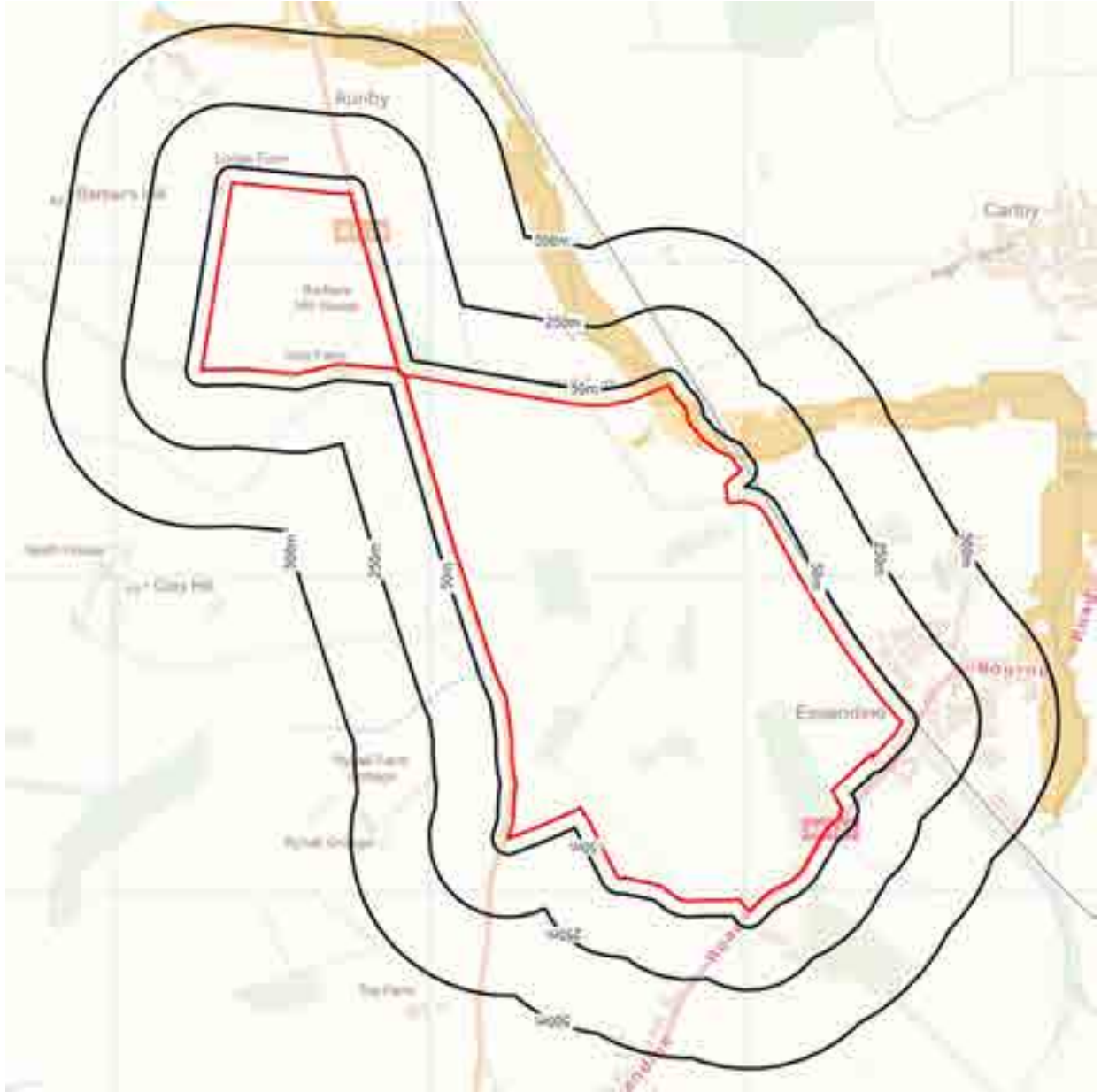
 Flood Defences

 Flood Zone 2

 Areas Benefiting from Flood Defences



Flood Risk: River and Coastal (map 2)



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RoFRS - Very Low

RoFRS - Low

RoFRS - Medium

RoFRS - High



Flood Risk: River and Coastal

Flooding from Rivers or Sea without Defences (Flood Zone 3)

Details	Distance	Direction	Contact
Environment Agency	0m	N	3

Extreme Flooding from Rivers or Sea without Defences (Flood Zone 2)

Details	Distance	Direction	Contact
Environment Agency	0m	N	3

Areas Benefitting from Flood Defences

No features identified.

Spatial Flood Defences (with attributes)

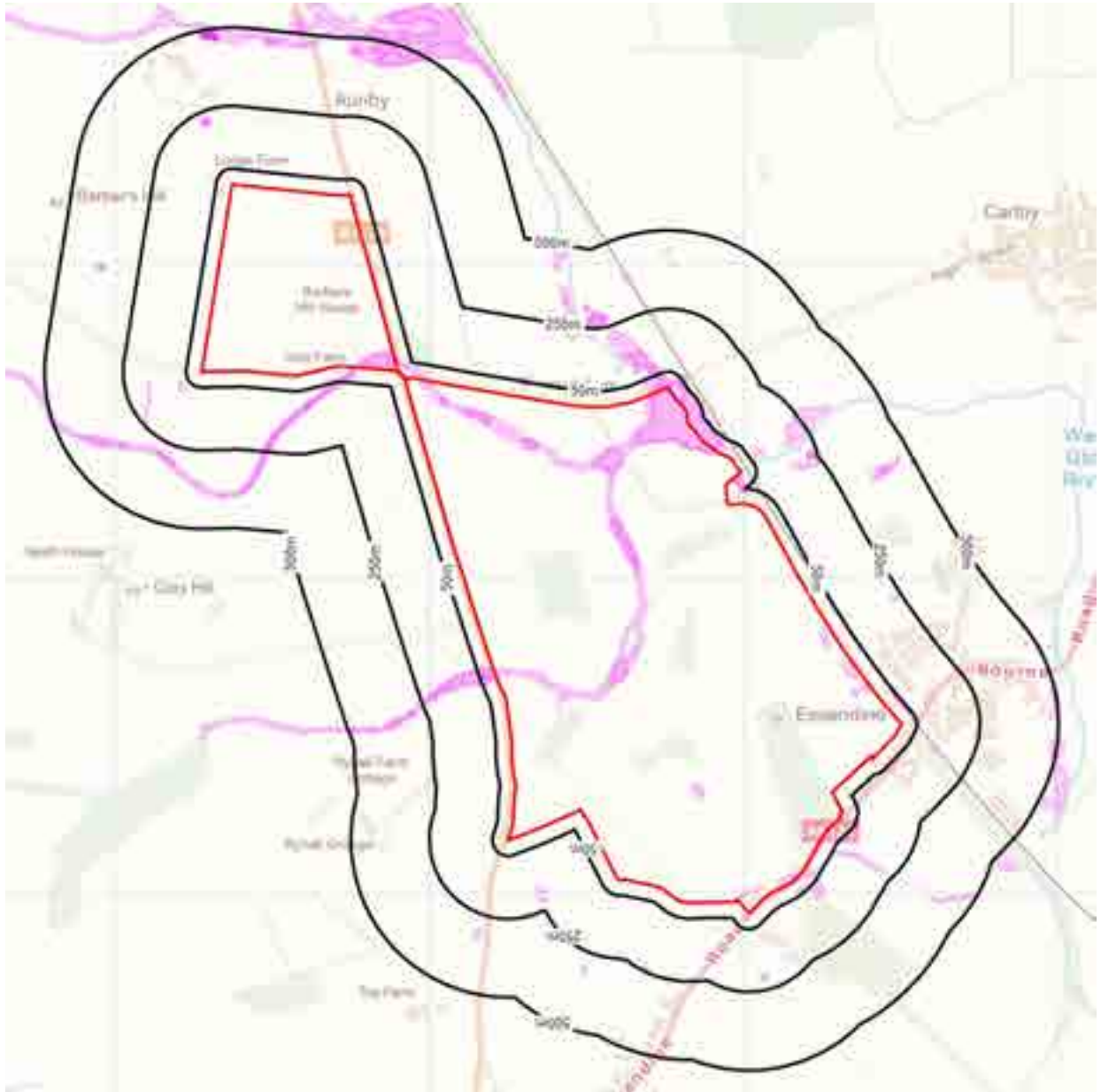
Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Risk of Flooding from Rivers and Sea (RoFRS)

Details	Distance	Direction	Contact
Risk: Low	0m	N	3
Risk: Medium	0m	NE	3
Risk: High	0m	N	3



Flood Risk: Surface Water (1:75 year event)



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Site

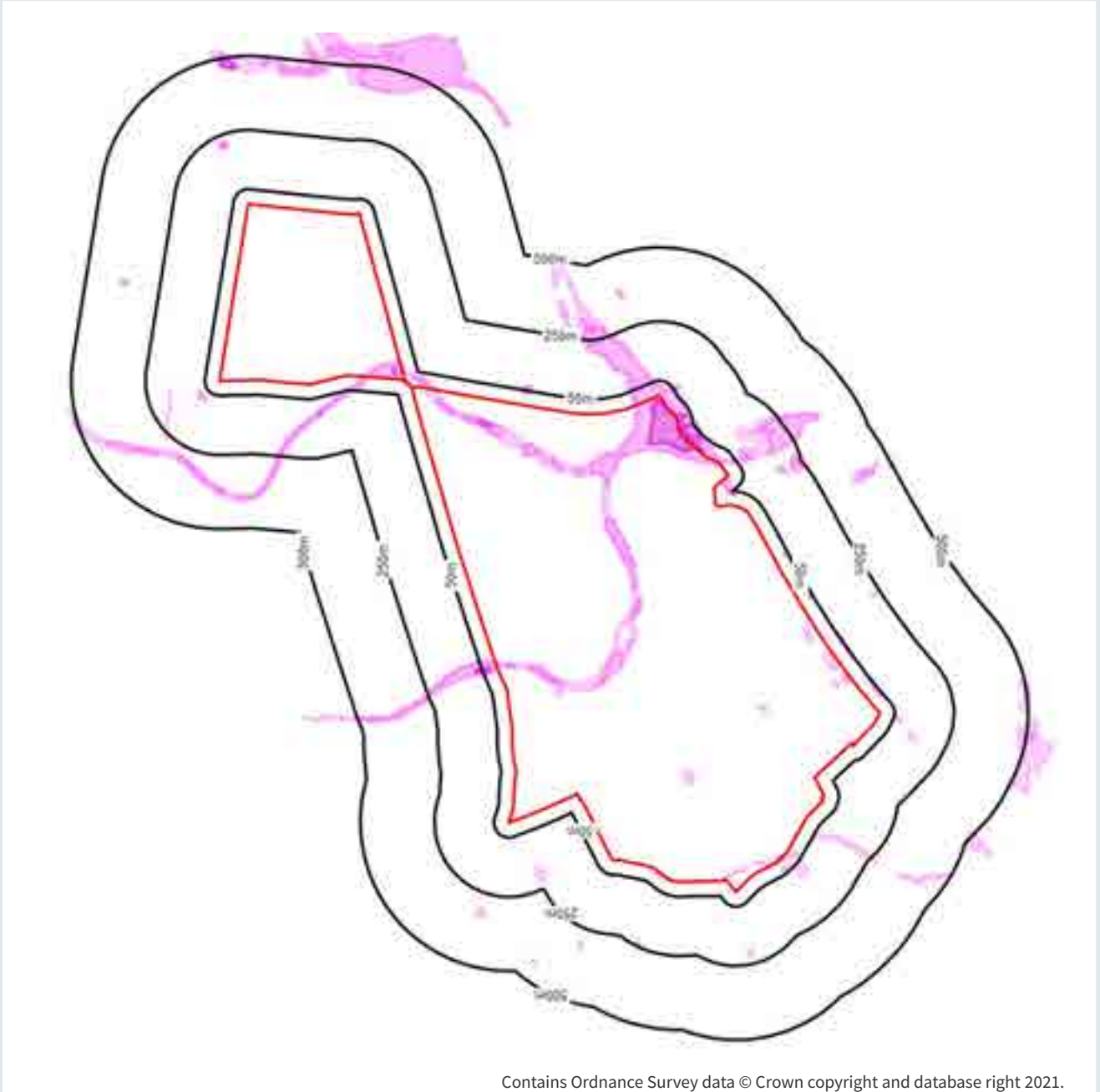
10cm – 30cm depth

30cm – 1m depth

1m + depth






Flood Risk: Surface Water (1:200 year event)



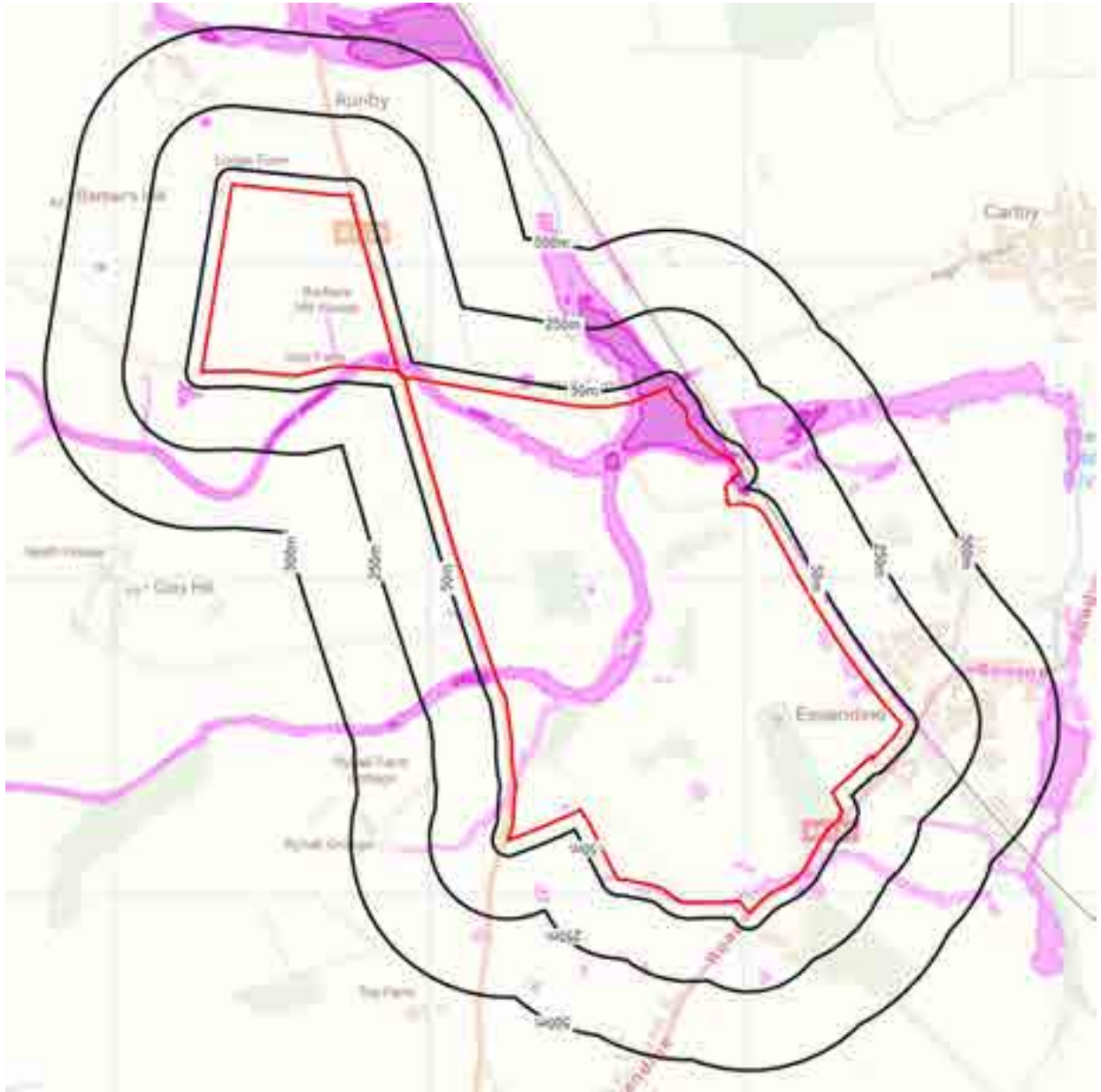
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 Site

-  10cm - 30cm depth
-  30cm - 1m depth
-  1m + depth



Flood Risk: Surface Water (1:1000 year event)



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Site

10cm – 30cm depth

30cm – 1m depth

1m + depth



JBA Pluvial 75 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	E	1
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	SE	1
Type: Greater than 1.0m	38m	SW	1

JBA Pluvial 200 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	NW	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	NW	1
Type: Greater than 1.0m	0m	NW	1
Type: Equal to 0.1m	124m	NE	1

JBA Pluvial 1000 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	E	1
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	E	1
Type: Greater than 1.0m	0m	NE	1

Flood data provided by JBA Risk Management Limited. © Copyright JBA Risk Management Limited 2008-2021



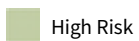
Flood Risk: Groundwater



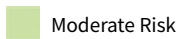
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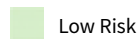
Site



High Risk



Moderate Risk



Low Risk



Negligible Risk



Groundwater Flood Risk 5m

Details	Distance	Direction	Contact
Type: Low	0m	SW	1
Type: Negligible	0m	N	1
Type: Moderate	131m	NW	1
Type: High	406m	SE	1



Flood Risk: Other



- | | |
|-------------------------|-------------------------|
| Site | Tidal River |
| Water Feature | Lake or Reservoir |
| Flood Storage Areas | Forshore and Sea |
| Recorded Flood Outlines | Underground River |
| Primary Flow (named) | Marsh |
| Primary Flow (un-named) | Canal, Lock or Transfer |
| Secondary Flow | |



Flood Risk: Other

Flood Storage Areas

No features identified.

Recorded Flood Outlines

No features identified.

OS VectorMap District - Water Features

No features identified.

OS MasterMap Water Network

Details	Distance	Direction	Contact
Name: Type: Primary Flow (un-named)	0m	S	2
Name: West Glen River Type: Primary Flow (named)	2m	NE	2
Name: West Glen River Type: Underground River	10m	NE	2

Agricultural Considerations

Data Section



Agricultural Data: This section presents data relating to designated features and land classifications that could be of relevance to the Site.

contents

Tabular Summary

This section gives an overview of the data found at the Site and in the surrounding area. We present the data to a maximum of 100m. We display the number of records found in each database under the relevant heading. Where we have not been able to search a database, we will display the abbreviation N/A instead.

Land classifications

- **Environmental Stewardship Schemes:** The Environmental Stewardship Scheme aims to secure widespread environmental benefits (including improved water quality and reduced soil erosion) through financial incentives.
- **Agricultural Land Classifications:** The classification system is broken down into categories according to the extent to which physical or chemical characteristics (such as climatic conditions and soil chemistry) cause limitations on food production.
- **Countryside Stewardship Schemes:** The Countryside Stewardship provides financial incentives for farmers and land managers to maintain and improve the environment. Examples include conserving and restoring wildlife habitat, flood risk management and woodland creation.
- **Open access land:** Under the Countryside and Rights of Way Act 2000, people can access land across England and Wales without having to use paths, known as 'open access land'.

Sites of interest

- **Listed buildings:** Listed buildings are considered to be of special architectural or historic interest and require planning consideration.
- **Ancient woodland:** Ancient woodland is defined as an area that has been wooded continuously since at least 1600 AD and require planning consideration.
- **Scheduled monuments:** Scheduled monuments are considered to be of national importance and require planning consideration.



Agricultural Considerations: Tabular Summary

Land Classifications

Environmental Stewardship Schemes	On-site	1-250m	251-500m
Environmental Stewardship Scheme Agreements*	4	11	N/A
Agricultural Land Classifications	On-site	1-250m	251-500m
Nitrate Vulnerable Zones*	2	0	N/A
Provisional Agricultural Land Classifications*	2	0	N/A
Post 1988 Agricultural Land Classifications *	0	0	N/A
Countryside Stewardship Schemes	On-site	1-250m	251-500m
Countryside Stewardship Scheme Management Areas*	0	0	N/A
Open access land	On-site	1-250m	251-500m
Open Access Land*	0	0	N/A

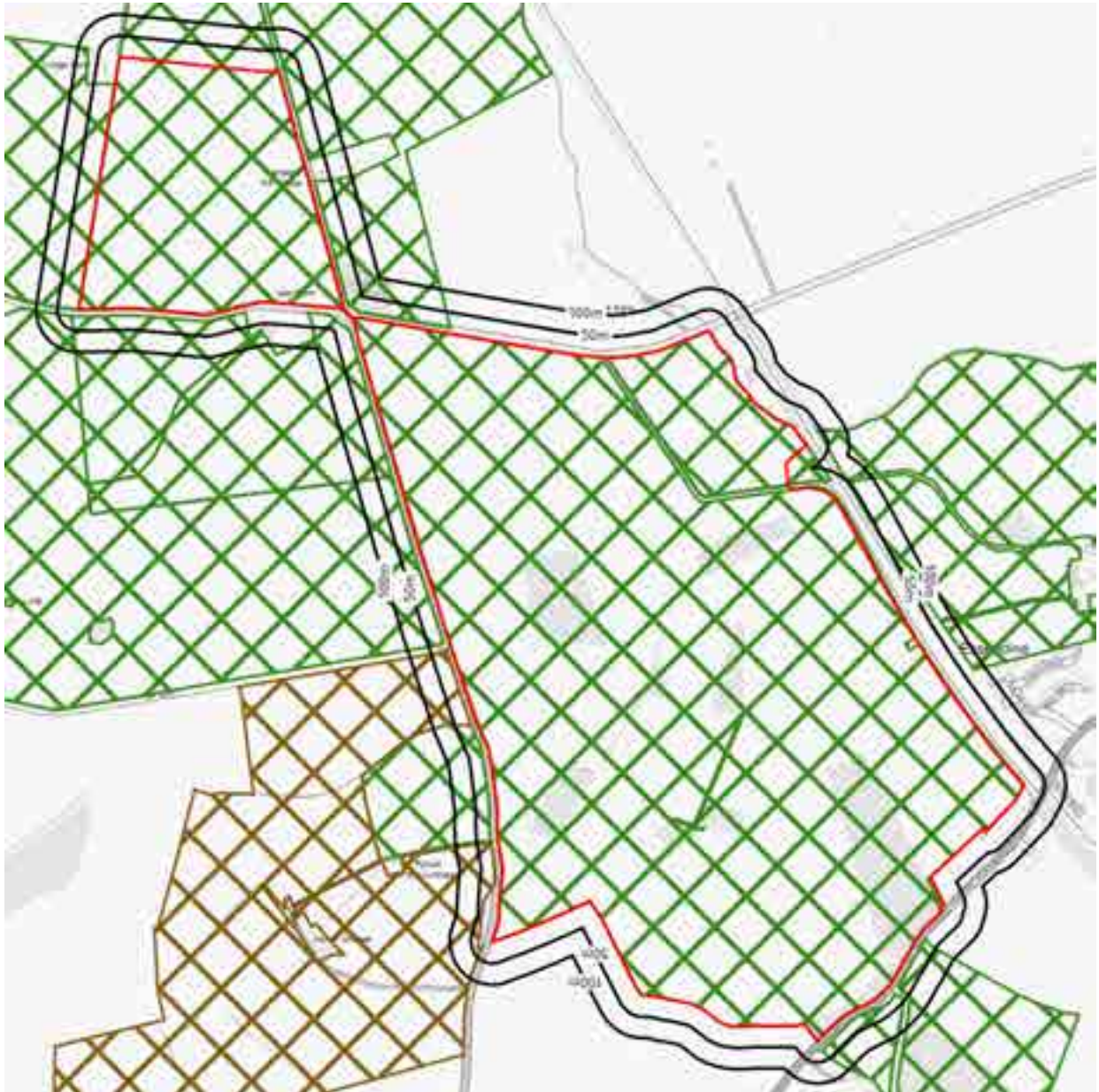
Sites of interest

Listed buildings	On-site	1-250m	251-500m
Listed Buildings*	0	0	N/A
Ancient woodland	On-site	1-250m	251-500m
Ancient Woodland*	0	0	N/A
Scheduled monuments	On-site	1-250m	251-500m
Scheduled Monuments*	0	0	N/A

*dataset searched to 100m



Environmental Stewardship Schemes

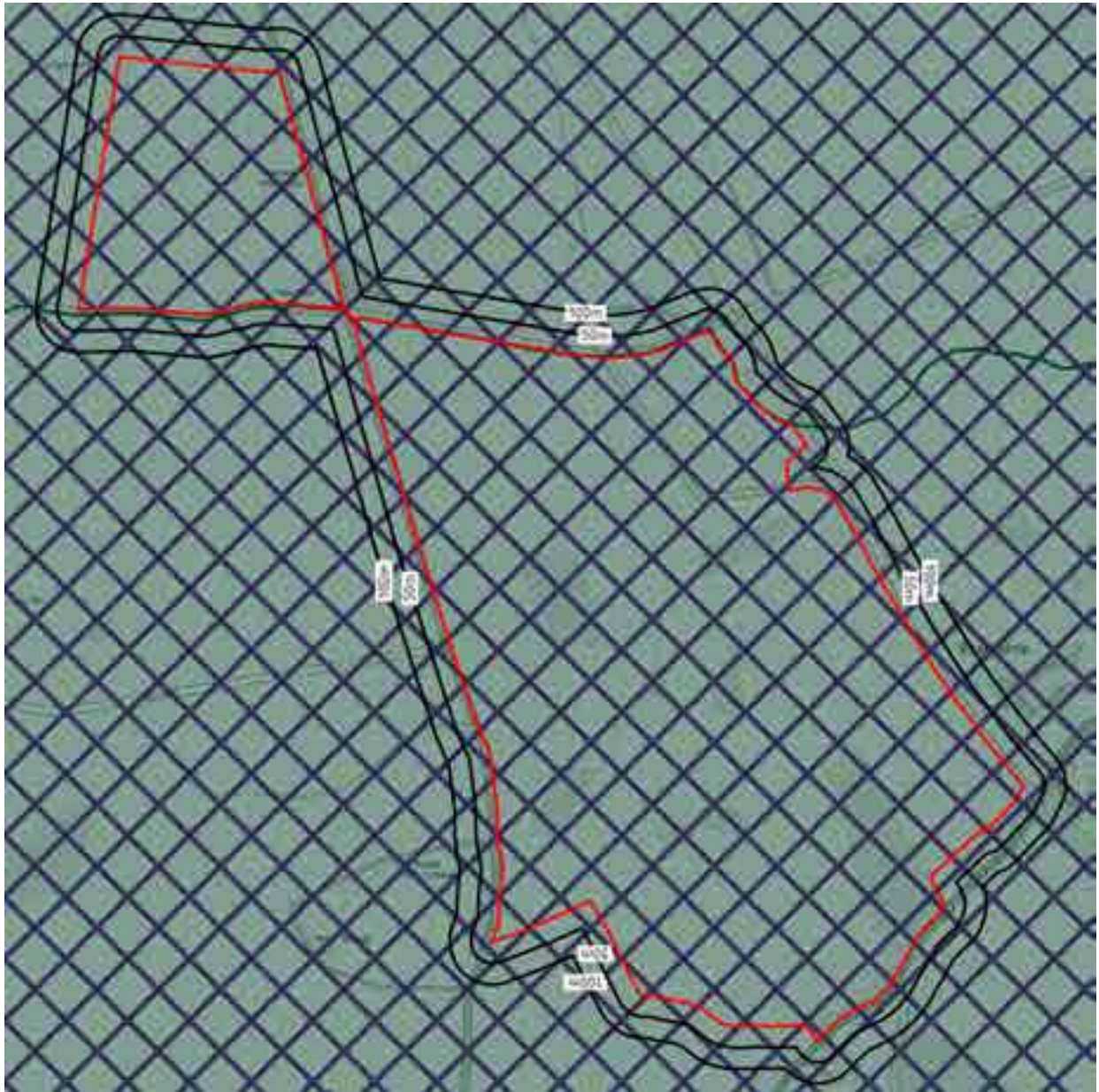


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- | | |
|---------------------|---------------------------------------|
| Site | Entry Level plus Higher Level |
| Entry Level | Higher Level |
| Organic Entry Level | Organic Entry Level plus Higher Level |



Agricultural Land Classifications



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Site	Grade 3a	Non Agricultural
Nitrate Vulnerable Zones	Grade 3b	Urban
Grade 1	Grade 4	Not Surveyed
Grade 2	Grade 5	Other
Grade 3		



Environmental Stewardship Schemes

Environmental Stewardship Scheme Agreements

Details	Distance	Direction	Contact
<p>Agreement Type: Entry Level Plus Higher Level Area under agreement: 182.59 Start date: 1st December 2009 Expiry date: 30th November 2019 Name: Machin, P J & J R Town: Stamford County: Lincolnshire Provider: Natural England Provider reference: AG00295731</p>	0m	NW	11
<p>Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095</p>	0m	NW	11
<p>Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095</p>	0m	N	11
<p>Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095</p>	0m	NE	11
<p>Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095</p>	12m	NW	11



Agricultural Considerations: Land Classifications

Details	Distance	Direction	Contact
Agreement Type: Entry Level Area under agreement: 66.27 Start date: 1st July 2012 Expiry date: 30th June 2017 Name: Simon Smith Farms Town: Spalding County: Leicestershire Provider: Natural England Provider reference: AG00415484	13m	W	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 219.99 Start date: 1st February 2009 Expiry date: 31st January 2019 Name: D Genever Farm Partnership Town: Stamford County: Lincolnshire Provider: Natural England Provider reference: AG00279737	14m	NW	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	14m	SW	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 845.5 Start date: 1st October 2009 Expiry date: 30th September 2019 Name: Willoughby Farm Partnership Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00290746	15m	W	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 134.5 Start date: 1st February 2009 Expiry date: 31st January 2019 Name: Y,P Genever & Daughters Town: Stamford County: Lincolnshire Provider: Natural England Provider reference: AG00279253	15m	NW	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	17m	SE	11



Agricultural Considerations: Land Classifications

Details	Distance	Direction	Contact
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	18m	SE	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	42m	NE	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	44m	NE	11
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	73m	E	11

Agricultural Land Classifications

Nitrate Vulnerable Zones

Details	Distance	Direction	Contact
Reserve Name: Lincolnshire Limestone Area size: 1417504770.86 Designation code: Groundwater Designation date: Provider: Environment Agency Provider reference: G69	0m	N	9
Reserve Name: Glen Nvz Area size: 367284582.88 Designation code: Surface Water Designation date: Provider: Environment Agency Provider reference: S378	0m	N	9



Agricultural Considerations: Land Classifications

Provisional Agricultural Land Classifications

Details	Distance	Direction	Contact
Land Classification: Grade 3 Area size: 114333822.35 Provider: Natural England Provider reference: 1045	0m	N	11
Land Classification: Grade 3 Area size: 71392239.78 Provider: Natural England Provider reference: 1030	0m	N	11

Post 1988 Agricultural Land Classifications

No features identified.

Countryside Stewardship Schemes

Countryside Stewardship Scheme Management Areas

No features identified.

Open access land

Open Access Land

No features identified.



Agricultural Considerations: Sites of interest Map



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Site



Ancient woodland

● Listed Buildings

⋯ Scheduled monuments



Agricultural Considerations: Sites of interest

Listed buildings

Listed Buildings

No features identified.

Ancient woodland

Ancient Woodland

No features identified.

Scheduled monuments

Scheduled Monuments

No features identified.

Ground Hazards & Coal Mining

Data Section



Ground Hazards & Coal Mining Data: This section contains information on natural and mining related hazards which may affect the Site. These includes subsidence, radon and mining. Hazards that may need further investigation are detailed here. This report is neither a guarantee of the physical condition of the subject Site nor a substitute for any physical investigation or inspection.

contents

Tabular Summary	This section gives an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. We display the number of records found in each database under the relevant heading. Where we have not been able to search a database, we will display the abbreviation N/A instead.
Coal Mining	This section is driven by the Site's proximity to Coalfield Consultation Areas.
Subsidence	This section uses several different datasets to assess the susceptibility of the Site to the subsidence
Natural and Mining Related Hazards	This section looks at non-coal mining hazards, including former mineral sites and landfill sites.
Radon	Both the likelihood of radon being an issue, and the requirement for radon protection measures.



Ground Hazards & Coal Mining: Tabular Summary

Coal Mining

Coal Mining	On-site	1-100m	101-250m
Coal Mining Subsidence Damage Claims*	0	0	N/A
Coalfield Consultation Areas	0	N/A	N/A

Subsidence

Insurance Claims from Subsidence	On-site	1-100m	101-250m
Postcode Unit Insurance Claims Rating - Subsidence	0	N/A	N/A

Natural Ground Instability	On-site	1-100m	101-250m
Natural Cavities	0	0	0
Potential for Landslide Ground Stability Hazards*	0	0	N/A
Potential for Ground Dissolution Stability Hazards*	2	0	N/A
Potential for Compressible Ground Stability Hazards*	1	0	N/A
Potential for Shrinking or Swelling Clay Ground Stability Hazards*	1	0	N/A
Potential for Running Sand Ground Stability Hazards*	0	0	N/A
Potential for Collapsible Ground Stability Hazards*	0	0	N/A

Natural and Mining Related Hazards

Former Mining	On-site	1-100m	101-250m
Potentially Contaminative Land Uses (1950-1980) from large scale historical mapping	1	N/A	N/A
Potentially Contaminative Land Uses (1855-1909) from large scale historical mapping*	0	0	N/A
Potentially Contaminative Land Uses (1893-1915) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Land Uses (1906-1937) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Land Uses (1924-1949) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	0	N/A	N/A
Man-Made Mining Cavities	0	0	0
BGS Recorded Mineral Sites	0	5	N/A
Mining Instability	0	N/A	N/A
Non Coal Mining Areas of Great Britain*	0	0	N/A
Potential Mining Areas	0	N/A	N/A



Ground Hazards & Coal Mining: Tabular Summary

Salt and Brine	On-site	1-100m	101-250m
Brine Compensation Area	0	N/A	N/A
Brine Pumping Related Features	0	N/A	N/A
Brine Subsidence Solution Area	0	N/A	N/A
Salt Mining Related Features	0	N/A	N/A
Landfill Sites and Infilled Land	On-site	1-100m	101-250m
Former Marshes	0	N/A	N/A
Potentially Infilled Land (Non-Water)	0	N/A	N/A
Potentially Infilled Land (Water)	0	N/A	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	0	N/A	N/A
BGS Recorded Landfill Sites	0	N/A	N/A
Permitted Waste Sites - Authorised Landfill Site Boundaries	0	N/A	N/A
Registered Landfill Sites	0	N/A	N/A
Local Authority Recorded Landfill Sites	0	N/A	N/A
Historic Landfill	0	N/A	N/A

Radon

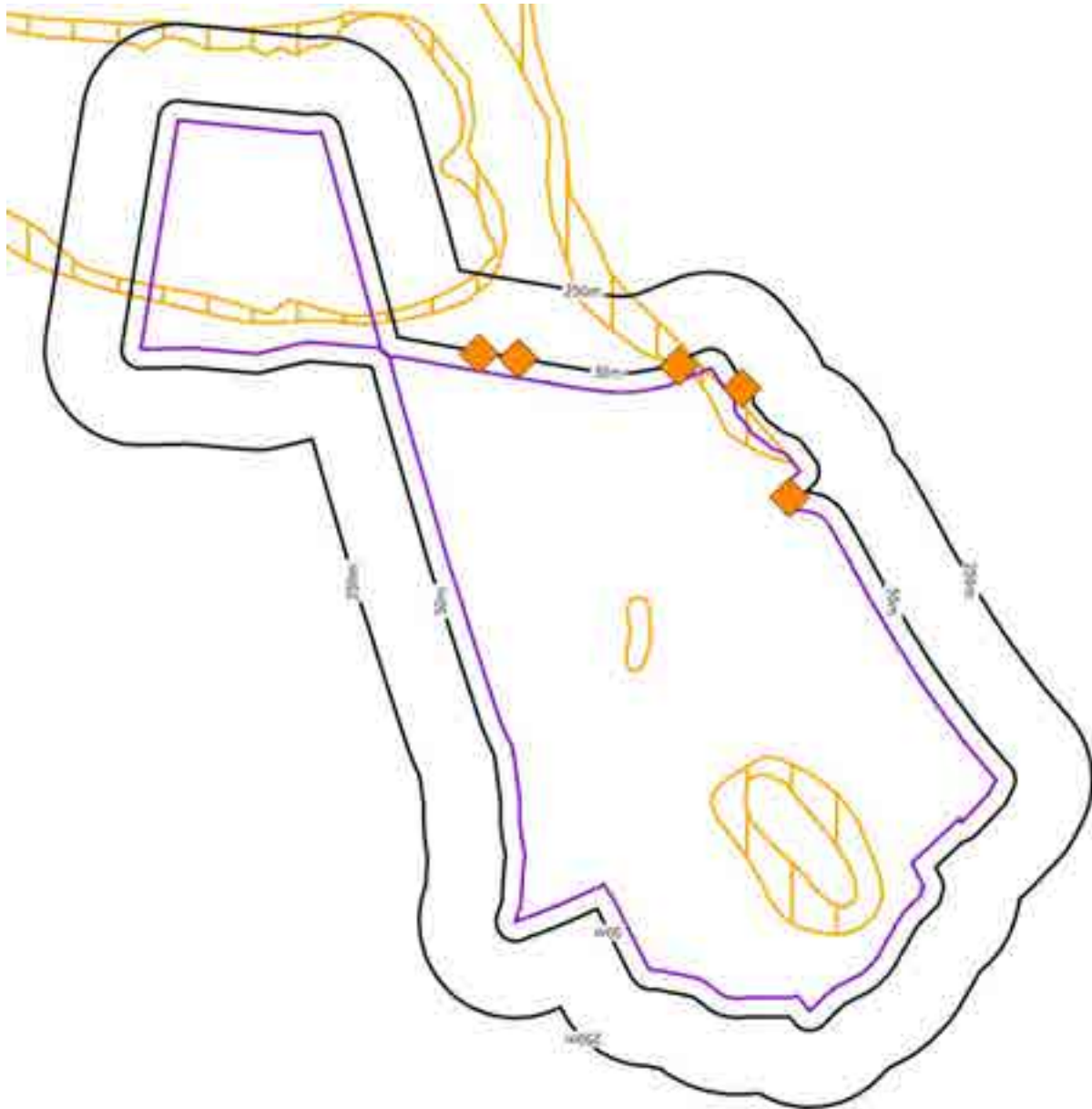
Radon	On-site	1-100m	101-250m
Radon Potential	2	N/A	N/A

** dataset searched to 25m

* dataset searched to 50m



Ground Hazards & Coal Mining



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Site	Coalfield Consultation Area	Brine Subsidence Solution Area	Salt Mining Related Feature
Mining from Historical Maps	Mining Cavities	Infilled Land	Landfills
Other Mining	CBSCB Compensation District	Natural Cavities	Potential for Ground Stability Hazards - High
Brine Pumping Related Feature	Brine Pumping Related Feature	Potential for Ground Stability Hazards - Moderate	



Coal Mining

Coal Mining Subsidence Damage Claims

No features identified.

Coalfield Consultation Areas

No features identified.



Ground Hazards & Coal Mining: Subsidence

Insurance Claims

Postcode Unit Insurance Claims Rating - Subsidence

No features identified.

Natural Ground Instability

Natural Cavities

No features identified.

Potential for Landslide Ground Stability Hazards

No features identified.

Potential for Ground Dissolution Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Very significant soluble rocks, where there are numerous dissolution features and/or some recorded subsidence with a moderate possibility of localised subsidence occurring naturally or in adverse conditions such as high surface or subsurface water flow.</p> <p>Hazard Guidance: Do not load the land or undertake building work before obtaining specialist advice. Do not dispose of surface drainage to the ground. Maintain drainage infrastructure.</p>	0m	E	10

<p>Hazard Potential: Moderate</p> <p>Hazard Description: Very significant soluble rocks, where there are numerous dissolution features and/or some recorded subsidence with a moderate possibility of localised subsidence occurring naturally or in adverse conditions such as high surface or subsurface water flow.</p> <p>Hazard Guidance: Do not load the land or undertake building work before obtaining specialist advice. Do not dispose of surface drainage to the ground. Maintain drainage infrastructure.</p>	0m	NW	10
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Potential for Compressible Ground Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Hazard Guidance: Avoid large differential loadings of ground. Do not drain or dewater ground near the property without technical advice.</p>	0m	NE	10

Potential for Shrinking or Swelling Clay Ground Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Ground conditions predominantly high plasticity.</p> <p>Hazard Guidance: Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management.</p>	0m	SE	10

Potential for Running Sand Ground Stability Hazards

No features identified.



Ground Hazards & Coal Mining: Subsidence

Potential for Collapsible Ground Stability Hazards

No features identified.



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Former Mining

Potentially Contaminative Land Uses (1950-1980) from large scale historical mapping

Details	Distance	Direction	Contact
Industry Type: Extraction Description: Pit Map Published Date: 1975	0m	NE	1

Potentially Contaminative Land Uses (1855-1909) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1893-1915) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1906-1937) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1924-1949) from large scale historical mapping

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

No features identified.

Man-Made Mining Cavities

No features identified.

BGS Recorded Mineral Sites

Details	Distance	Direction	Contact
Name: Essendine Type: Opencast Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Location: Essendine, Oakham, Rutland Status: Ceased Reference: 46764 Location Accuracy: Located by supplier to within 10m	19m	NE	10
Name: Carlby Gravel Pit Type: Opencast Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Location: Carlby, Stamford, Lincolnshire Status: Ceased Reference: 136291 Location Accuracy: Located by supplier to within 10m	33m	NE	10



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Details	Distance	Direction	Contact
Name: Carlby Gravel Pit Type: Opencast Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Location: Carlby, Stamford, Lincolnshire Status: Ceased Reference: 136292 Location Accuracy: Located by supplier to within 10m	37m	N	10
Name: Carlby Type: Opencast Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Location: Carlby, Stamford, Lincolnshire Status: Ceased Reference: 136294 Location Accuracy: Located by supplier to within 10m	45m	NW	10
Name: Carlby Type: Opencast Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Location: Carlby, Stamford, Lincolnshire Status: Ceased Reference: 136293 Location Accuracy: Located by supplier to within 10m	50m	N	10

Mining Instability

No features identified.

Non Coal Mining Areas of Great Britain

No features identified.

Potential Mining Areas

No features identified.

Salt and Brine

Brine Compensation Area

No features identified.

Brine Pumping Related Features

No features identified.

Brine Subsidence Solution Area

No features identified.

Salt Mining Related Features

No features identified.



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Landfill Sites and Infilled Land

Former Marshes

No features identified.

Potentially Infilled Land (Non-Water)

No features identified.

Potentially Infilled Land (Water)

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

No features identified.

BGS Recorded Landfill Sites

No features identified.

Permitted Waste Sites - Authorised Landfill Site Boundaries

No features identified.

Registered Landfill Sites

No features identified.

Local Authority Recorded Landfill Sites

No features identified.

Historic Landfill

No features identified.



Radon

Radon Potential

Details	Distance	Direction	Contact
Radon Affected Area: Yes Radon Protection Measure Required: Basic The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level).	0m	N	10
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	N	10

Energy & Infrastructure

Data Section



Energy & Infrastructure Data: This section details the data used as part of our Energy and Infrastructure analysis. Each key area has the data mapped with the detail outlined beneath.

contents

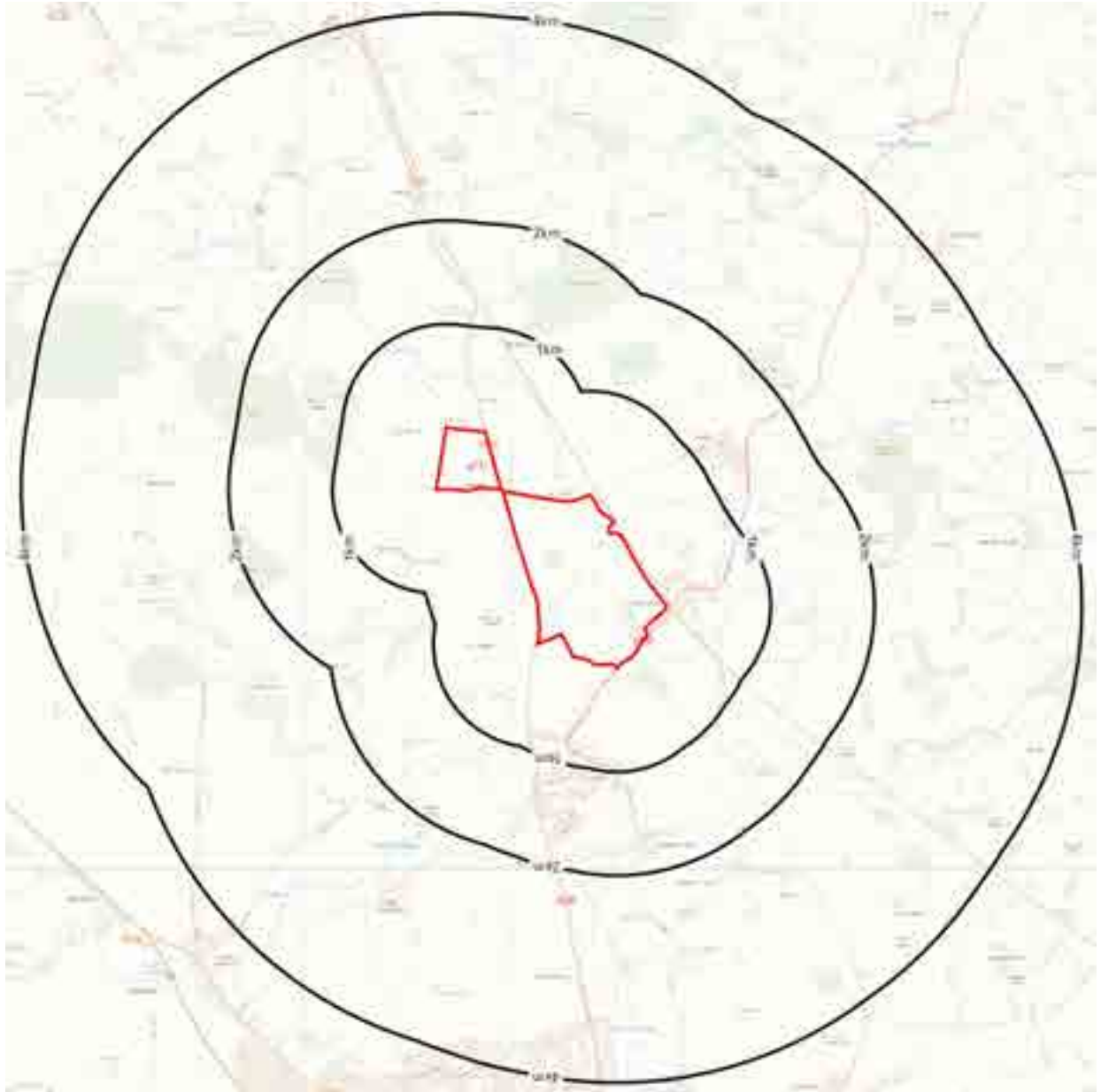
Tabular Summary	Provides an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 4km. We display the number of records found in under the relevant heading. Where we have not been able to find data, we will display the abbreviation N/A instead.
Oil and Gas Exploration	Licences or drilling facilities with 4km of the Site. Onshore oil and gas exploration and production licences relate to areas of land (blocks). The presence of one or more of these licences does not mean that exploration or production will definitely happen.
Wind Energy	Operational or planned wind farms or turbines within 4km of the Site. Includes wind projects in the UK Wind Energy Database and locations of individual wind turbines and planning applications for wind turbines with an output of 1MW.
Solar Energy Facilities	Operational and proposed solar farms within 2km of the Site. The data provides the name of the operating company, the generating capacity, and the farm's operational status.
Other Renewable Energy	Renewable power sources with an output of 1MW within 2km of the Site. These power sources are: Small / Large Hydroelectric; Shoreline Wave; Tidal Barrage / Stream; Biomass; Co-firing; Anaerobic/ Sewage Digestion; Hot Dry Rocks; Landfill Gas; Energy from Waste (EfW) Incineration; and Advanced Conversion Technology.
High Speed 2 (HS2)	HS2 track sections, stations, safeguarding limits homeowner zones and extended homeowner protection zones within 4km of the Site. This report comments on both phases using current available information.
Crossrail	Crossrail 1 and 2 track sections, stations and safeguarding limits within 2km of the Site. Crossrail (CR1) is a rail project stretching from Reading and Heathrow in the west, to Shenfield and Abbeywood in the east. Crossrail 2 (CR2) is a new (proposed) railway, linking the national rail networks in and around Surrey and Hertfordshire via an underground tunnel through London.
Railways	Above and below ground railways within 250m of the Site, including trams and light rail.
Pipelines	The Southampton to London Pipeline route within 250m of the Site.



Energy & Infrastructure: Tabular Summary

Energy And Infrastructure

Oil and Gas Explorations	On-site	1-250m	251-500m
Licensed Areas for Onshore Energy Exploration and Production	0	0	N/A
Licensed Wells for Energy Exploration	0	0	N/A
Offered Blocks for Onshore Energy Exploration and Production	0	0	N/A
Wind Energy	On-site	1-250m	251-500m
Wind Farms	0	0	N/A
Wind Turbines	0	0	N/A
Renewable Energy Planning Database	0	0	N/A
Solar Energy	On-site	1-250m	251-500m
Renewable Energy Planning Database	0	N/A	N/A
Other Renewable	On-site	1-250m	251-500m
Renewable Energy Planning Database	0	N/A	N/A
High Speed 2	On-site	1-250m	251-500m
HS2 - Track	0	N/A	N/A
HS2 - Stations	0	N/A	N/A
HS2 - Safeguarding Limits	0	N/A	N/A
HS2 - Payment Zones	0	N/A	N/A
Crossrail 1	On-site	1-250m	251-500m
Crossrail - Safeguarding Limits	0	N/A	N/A
Crossrail - Stations	0	N/A	N/A
Crossrail - Track	0	N/A	N/A
Crossrail 2	On-site	1-250m	251-500m
Crossrail 2 - Track	0	N/A	N/A
Crossrail 2 - Stations	0	N/A	N/A
Crossrail 2 - Safeguarding Limits	0	N/A	N/A
Above and below ground railways	On-site	1-250m	251-500m
Railed Transport - Tracks	0	21	N/A
Railed Transport - Stations and Stops	0	0	N/A
Southampton to London Pipeline	On-site	1-250m	251-500m
Southampton to London Pipeline Development	0	0	N/A



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- | | |
|--|---------------------------------|
| Site | OGA Licensed Exploration Blocks |
| OGA Offered Exploration Blocks | Drilling Locations |
| Wind Farms | Wind Turbines |
| Planning Apps – Wind Energy | Planning Apps – Solar Farms |
| Planning Apps – Other Renewable Energy | Southampton to London pipeline |



Oil and Gas Exploration

Licensed Areas for Onshore Energy Exploration and Production

No features identified.

Offered Blocks for Onshore Energy Exploration and Production

No features identified.

Licensed Wells for Energy Exploration

No features identified.

Wind Energy

Wind Farms

No features identified.

Wind Turbines

No features identified.

Renewable Energy Planning Database

No features identified.

Solar Energy Facilities

Renewable Energy Planning Database

No features identified.

Other Renewable Energy

Renewable Energy Planning Database

No features identified.

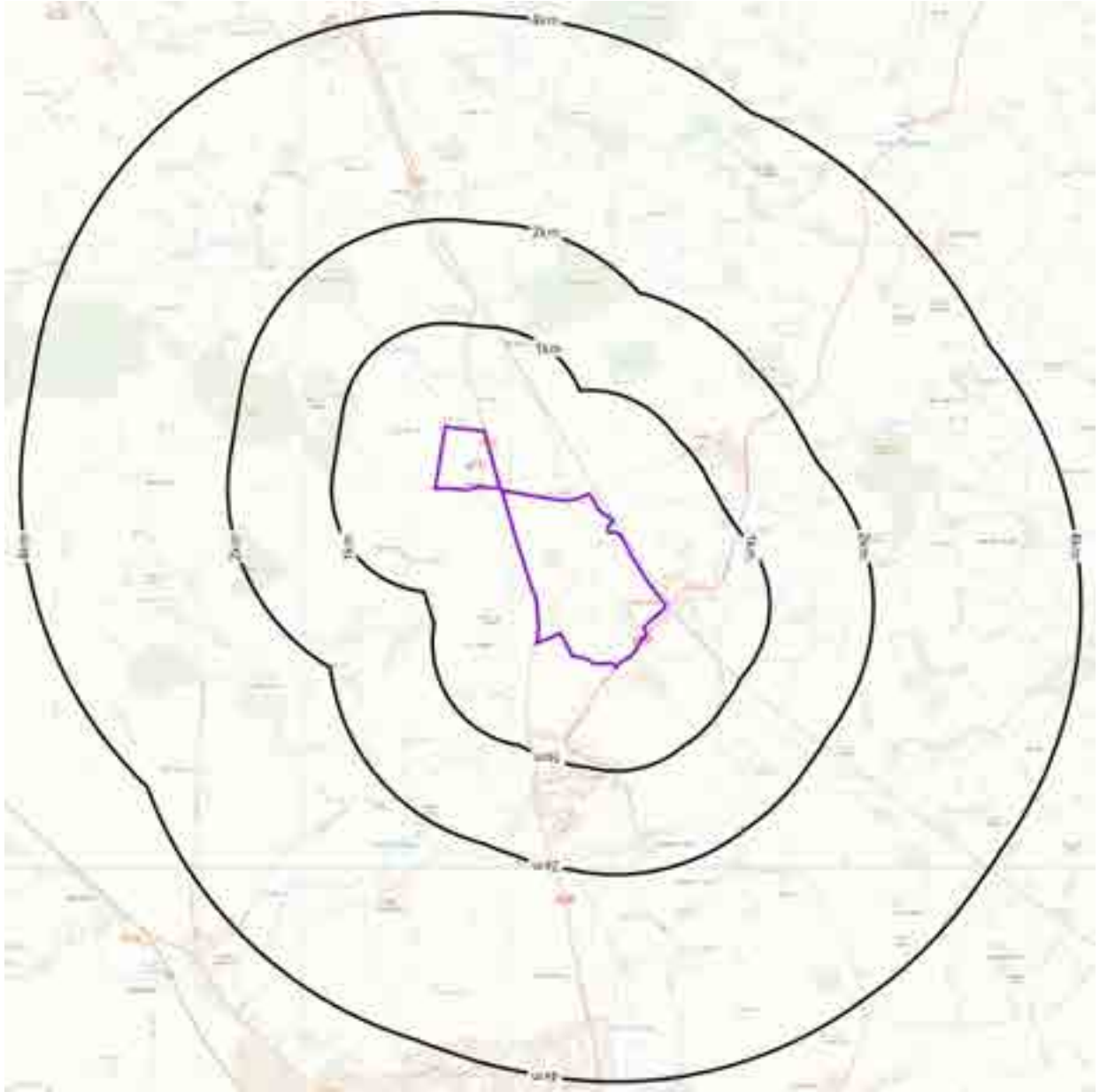
Southampton to London pipeline

Southampton to London Pipeline Development

No features identified.



Energy & Infrastructure: Infrastructure 1



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- | | |
|-----------------------------------|--|
| Site | HS2 – Track |
| Crossrail 1 – Track | HS2 – Station |
| Crossrail 1 – Station | HS2 – Safeguarding Limits |
| Crossrail 1 – Safeguarding Limits | HS2 – Homeowner Payment Zone 1 |
| Crossrail 2 – Track | HS2 – Homeowner Payment Zone 2 |
| Crossrail 2 – Station | HS2 – Homeowner Payment Zone 3 |
| Crossrail 2 – Safeguarding Limits | HS2 – Rural Support Zone |
| | HS2 – Extended Homeowner Protection Zone |



High Speed 2

HS2 - Track

No features identified.

HS2 - Stations

No features identified.

HS2 - Safeguarding Limits

No features identified.

HS2 - Payment Zones

No features identified.

Crossrail 1

Crossrail - Track

No features identified.

Crossrail - Stations

No features identified.

Crossrail - Safeguarding Limits

No features identified.

Crossrail 2

Crossrail 2 - Track

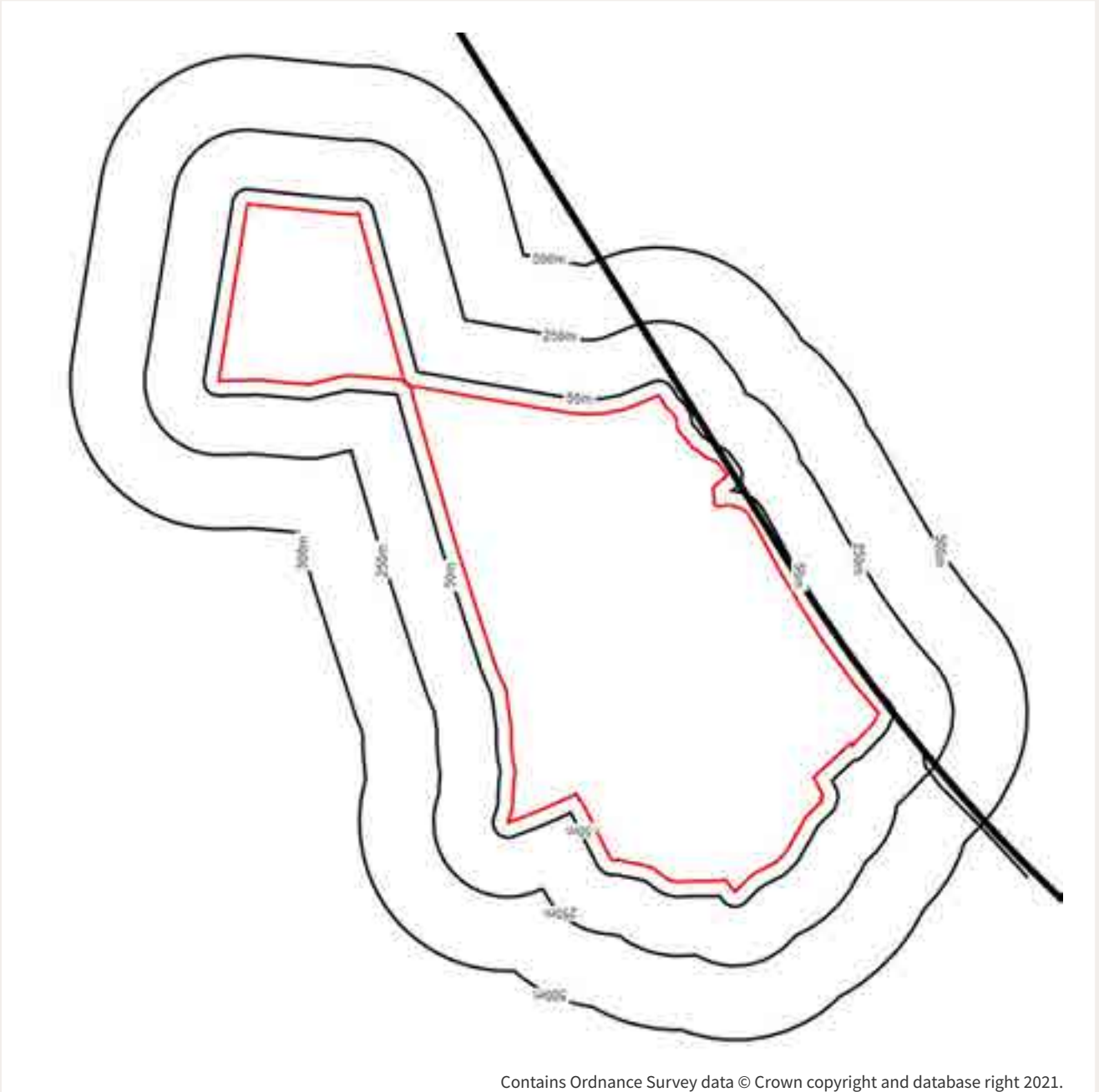
No features identified.

Crossrail 2 - Stations

No features identified.

Crossrail 2 - Safeguarding Limits

No features identified.



Site



Railway - Station

Track

Underground Track



Above and below ground railways

Railed Transport - Tracks

Details	Distance	Direction	Contact
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/305687268	13m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687269	18m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/156460261	23m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687272	27m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/305687283	33m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687278	37m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/4806329	42m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687286	46m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/305687241	67m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/432498866	68m	NE	1



Details	Distance	Direction	Contact
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687243	71m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/432498870	72m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/156460260	76m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/432498878	77m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687250	80m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/432498875	81m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/305687234	184m	SE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687233	185m	SE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/2162114	187m	SE	1
Network Name: Not Supplied Tunnel: Unknown Status: Inactive Railway Route: Not Supplied Reference Number: way/27652912	187m	SE	1



Details	Distance	Direction	Contact
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687235	189m	SE	1

Railed Transport - Stations and Stops

No features identified.

Site Solutions Farm

About this report



Site Solutions Farm Limitations

Site Solutions Farm reports help you and your clients make informed property decisions. Our reports are 'desktop' assessments, written and quality checked by our team of expert consultants. We carry out the work in our Brighton office using data, maps and our expertise. We do not carry out a physical inspection of the property nor do we contact any regulator. This means that we cannot guarantee that we will have identified all issues of concern.

In the Data Section of the report we list the data sources that we have used. Most of these data sets come from third party sources such as the Environment Agency. We cannot guarantee the accuracy of this data and are not responsible for any inaccuracies in third party data.

All **Site Solutions** reports are covered by our terms and conditions, a copy of which is available on our website, www.argyllenvironmental.com. If you need any further information please contact us on 0330 036 6115.




Contaminated Land Risk Analysis Methodology

For this section of the report we assess the condition of the land. We see whether the land could be 'Contaminated Land' under the relevant legislation. This section of the report meets the requirements for an independent site report. This is the recommendation of the Law Society Practice Note on Contaminated Land.

The main legislation is Part 2A of the Environmental Protection Act 1990. We also assess whether similar requirements could arise under the Water Resources Act 1991. The Contaminated Land legislation asks whether a 'plausible contaminant-pathway-receptor relationship' exists. If we identify a relationship, then our consultants will assess the potential significance. We define Liabilities as the potential for remedial works under Part 2A of the Environmental Protection Act 1990 and/or the Water Resources Act 1991.

If the Site is to have a change of use, then we also consider relevant requirements under the Planning Regime. It may be that the level of contamination will only become an issue if the Site is to be redeveloped. An example of this is when former industrial land is redeveloped for housing. If the Site is to be redeveloped then it could also include remedial works required under the planning regime. These remedial works may be the responsibility of the Site owner or occupier.

We will issue one of the following Liability statements, in line with Defra's recommended four stage test.

Assessment	Liability Statement	Defra Category
PASSED 	Within the scope of this assessment no Liabilities have been identified. No further action is required.	3 or 4
PASSED – PRUDENT ACTION 	Within the scope of this assessment no Liabilities have been identified. However, your attention is drawn to the prudent action suggested below.	3 or 4
FURTHER ACTION 	We have identified potential soil and/or groundwater liabilities. To quantify these we recommend you undertake the action outlined below.	Potentially 1 or 2






Flood Risk Analysis Methodology

For this section of the report, we assess the risk of flooding at the Site. A Consultant will analyse the data within the report, and take into account factors such as source of flooding, extent, and which part of the Site is at risk (is it operationally sensitive).

Three key areas are addressed:

- the overall risk of flooding (taking into account defences)
- how flood risk affects the availability of insurance
- how flood risk affects the potential to redevelop

We report the overall risk in a summary statement, with the three outcomes listed below:

Assessment	Risk Statement
PASSED 	<p>Negligible, Low & Low-Moderate Risk: The Site is not considered to be at significant risk of flooding. No further action is deemed necessary.</p> <p>Recommendations: Some simple advice may be provided.</p> <p>Insurability: Insurance should be readily available.</p>
PASSED – PRUDENT ACTION 	<p>Moderate Risk: Data indicates some risk exists to the Site and its occupants. However, this is expected to be associated with an ‘extreme’ event.</p> <p>Recommendations: Practical advice will be provided. This may be to obtain further information or to write a flood preparation plan.</p> <p>Insurance: In most cases insurance should be readily available.</p>
FURTHER ACTION 	<p>Moderate to High and High: This report reveals a significant risk of flooding which should be addressed.</p> <p>Recommendations: Further assessment is recommended to clarify the risk of flooding at the Site. This will inform whether flood protection measures should be installed.</p> <p>Insurance: Insurance may not be available without a higher premium or excess.</p>

The flood risk gauges provide an analysis of each of the four main types of flooding: river, coastal, groundwater and surface water. A fifth gauge provides analysis of ‘other factors’. This includes historical floods, proximity to water features and elevation above both of these features. The purpose of this gauge is to account for risk that is not tied to modelled data.

Environment Agency defences protect large areas of England and Wales from river and coastal flooding. Our analysis of flood risk from these sources takes defences into account. Where defences are present we will report both defended and undefended risk to present the full risk profile. However, our overall assessment and recommendations will be based on the defended risk.

In Scotland, we do not have access to data from the Scottish Environmental Protection Agency (SEPA). As a result, we are unable to take into account defences. Consequently, in Scotland our assessment is always based on the undefended risk.

An Argyll Consultant will write Site-specific commentary to summarise the risk. The purpose of this is to explain the drivers of the risk, and where possible, the extent and impact. This will be a non-technical account, explaining our assessment in simple terms. Our Consultants generate the risk assessment using several sources. This means the gauges in the front of the report will supersede any risk reported in the data section. We also consider the implications of flood risk under the National Planning Policy Framework (NPPF). We always provide a view on whether a Flood Risk Assessment would be required if development is proposed. Where the client lets us know that the Site is to be redeveloped, we provide recommendations on the most appropriate next step.



Useful Contacts

Please see below the contact details of the suppliers referred to within this report. For all queries please contact:

Argyll Environmental Ltd
1st Floor
98-99 Queens Road
Brighton
BN1 3XF

If you require assistance please contact our customer services team on:

0330 036 6115

Or by email at:

orders@argyllenviro.com

Contact	Name	Address	Contact Details
	Public Health England	Centre for Radiation Chemical and Environmental Hazards Chilton Didcot Oxon OX11 0RQ	T: 01235 822622 F: 01235 833891 E: radon@phe.gov.uk W: www.ukradon.org
1	Landmark Information Group Limited	Imperium Imperial Way Reading Berkshire RG2 0TD	T: 0844 844 9966 E: helpdesk@landmark.co.uk W: www.landmark.co.uk
2	Ordnance Survey	Adanac Drive Southampton Hampshire SO16 0AS	T: 03456 05 05 05 E: customerservices@ordnancesurvey.co.uk W: www.ordnancesurvey.gov.uk
3	Environment Agency, National Customer Contact Centre (NCCC)	PO Box 544 Templeborough Rotherham S60 1BY	T: 03708 506 506 E: enquiries@environment-agency.gov.uk
4	Health and Safety Executive	5S.2 Redgrave Court Merton Road Bootle L20 7HS	W: www.hse.gov.uk
5	Rutland Unitary Council, Planning Support	Catmose Oakham Rutland Leicestershire LE15 6HP	T: 01572 722577 W: www.rutland.gov.uk



Useful Contacts

Contact	Name	Address	Contact Details
6	South Kesteven District Council, Environmental Health	Council Offices St Peters Hill Grantham Lincolnshire NG31 6PZ	W: www.southkesteven.gov.uk
7	Rutland Unitary Council, Environmental Health Department	Catmose Rutland Oakham Leicestershire LE15 6HP	T: 01572 722577 W: www.rutland.gov.uk
8	Landmark Information Group Limited	5 - 7 Abbey Court Eagle Way Sowton Exeter Devon EX2 7HY	T: 01392 441702 E: mailbox@landmarkinfo.co.uk W: www.landmarkinfo.co.uk
9	Environment Agency, Head Office	Rio House Waterside Drive Aztec West, Almondsbury Bristol Avon BS32 4UD	T: 01454 624400
10	British Geological Survey, Enquiry Service	British Geological Survey Environmental Science Centre Keyworth Nottingham Nottinghamshire NG12 5GG	T: 0115 936 3143 E: enquiries@bgs.ac.uk W: www.bgs.ac.uk
11	Natural England	County Hall Spetchley Road Worcester WR5 2NP	T: 0300 060 3900 E: enquiries@naturalengland.org.uk W: www.naturalengland.org.uk

Please note that if you choose to contact any of the above organisations, they may have a charging policy in place for enquiries.



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British Geological Survey





Important Consumer Protection Information

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Tel: 03300 366 115

Email: orders@argyllenviro.com

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- Compliance with the Conveyancing Information Executive Standards will be a condition within the Conveyancing Information Executive Member's Terms and Conditions.
- Conveyancing Information Executive Members will promote the benefits of and deliver the Search to the agreed standards and in the best interests of the customer and associated parties.
- The standards can be seen here: <http://www.conveyinfoexec.com>

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If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPO.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Website: www.tpos.co.uk

Email: admin@tpos.co.uk



Argyll Environmental Complaints Procedure

If you want to make a complaint to Argyll Environmental, we will:

- Acknowledge it within 5 working days of receipt
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Legal Director
Argyll Environmental Ltd
1st Floor
98 - 99 Queens Road
Brighton
BN1 3XF

Tel: 03300 366 115

Email: orders@argyllenviro.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs):

Tel: 01722 333306,

Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.



LAND AT NORTH LODGE FARM, , GREATFORD, STAMFORD

Report Prepared for: Search Acumen

Report Reference: 287321850

Client Reference: 472867.5/SC16/KS13_ESF

Date: 4 November 2021



Contaminated Land **PASSED – PRUDENT ACTION**

Executive Summary | SEE PAGE 1

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Consultant Commentary | SEE PAGE 6

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Flood Risk **FURTHER ACTION**

Executive Summary | SEE PAGE 1

[CLICK HERE](#)

Consultant Commentary | SEE PAGE 8

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Agricultural Considerations **IDENTIFIED**

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Ground Hazards & Coal Mining **IDENTIFIED**

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Energy & Infrastructure **IDENTIFIED**

Executive Summary | SEE PAGE 4

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Detail | SEE PAGE 67

[CLICK HERE](#)



Authored by:

Tom Leckey BSc (Hons), PIEMA, FRGS

t: 0330 036 6115 **e:** Tom.Leckey@landmark.co.uk



Contaminated Land

SEE PAGE 6 OR

[CLICK HERE](#)

PASSED – PRUDENT ACTION



Liability Assessment

Within the scope of this assessment no Liabilities have been identified. However, it would be prudent to consider our recommendations below.



Argyll's Recommendations

Watching Brief (Price on Application)

Risk: Railways were formally located on the farm, which may have caused some contamination. Given the assumed low sensitivity of the redevelopment there is no need for significant investigation. But, the Local Authority may require you identify unexpected contamination during the development through a method such as a watching brief.

Action: A watching brief involves an appointed person/consultant taking photos and reporting on groundworks. The report is then submitted to the Local Authority. We would be happy to confirm with the Planning Authority that this approach is acceptable.



Flood Risk

SEE PAGE 8 OR

[CLICK HERE](#)

FURTHER ACTION



Consultant's Summary

We have identified a significant risk of flooding. We recommend you undertake the action outlined below.



Insurance

Insurance terms may not easily be available without a high premium or excess.



Recommendations

Flood Risk Assessment (FRA) (from £950.00 + VAT)

Risk: The Site is situated within a flood zone 3 and is over 1 hectare.

Action: As development is planned a Flood Risk Assessment (FRA) will be required to support the planning application. It must demonstrate how to manage flood risk so the development will remain safe throughout its lifetime; and will need to be submitted to the Local Authority for approval.

Standard Enquiries

- Ask the seller whether flooding has occurred in the area before. If it has, please contact us for advice.
- Establish the availability of buildings and contents insurance before exchanging contracts.



Agricultural Considerations

SEE PAGE 48 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified agricultural considerations that may be of relevance to the Site.

Nitrate Vulnerable Zones

The farm lies within a Nitrate Vulnerable Zone. Nitrate Vulnerable Zones are areas designated as being at risk from agricultural nitrate pollution. There are certain requirements that should be followed when you use fertilisers and store organic manure.

For further guidance, please see the following link <https://www.gov.uk/government/collections/nitrate-vulnerable-zones>

Environmental Stewardship Schemes

The farm is located within a Entry Level Plus Higher Level Scheme. The Environmental Stewardship Scheme aims to secure widespread environmental benefits (including improved water quality and reduced soil erosion) through financial incentives.

Make enquiries with the land owner or Natural England for further information.

Agricultural Land Classifications

The farm is classified as Grade 2 and Grade 3. The classification system is broken down into categories according to the extent to which physical or chemical characteristics (such as climatic conditions and soil chemistry) cause limitations on food production.

Make enquiries with the land owner or Natural England for further information.

Historical rights of way

There may be historic rights of way on the farm. The Countryside and Rights of Way Act 2000 made provisions to complete the legal record of rights of way on a definitive map by 2026. Historic rights of way (those existing prior to 1949), that are not recorded on the definitive maps by 2026 will be lost. Projects are underway to re-instate historic rights of way.

Contact the Local Authority for further information.

Groundwater abstraction

We have identified an abstraction license at the farm. If this is for domestic use, while the abstraction does not present a risk in itself, it should be tested for potential pollutants, such as agrochemicals and fuel.

- Ask the vendor for the results of a recent test
- Contact the relevant Authority to ensure compliance with the permit
- Ensure ongoing testing inline with the abstraction license.



Ground Hazards & Coal Mining

SEE PAGE 58 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified ground hazards that may affect the site or nearby area.

Insurance Claims

Our search indicates that the Site is not within an area where Coal Mining Subsidence Damage Claims have been recorded.

Man Made Stability

A search of historical mapping indicates that the Site is located on an area of ground filled with unknown material.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.

Natural Ground Stability

Information provided by the BGS indicates that land in the area could be prone to compressibility and uneven settlement hazards. There is a moderate potential that problems could occur in the area.

Information from the BGS indicates that the ground in the area is prone to changing shape or volume, usually because of varying amounts of water in the ground throughout the year. This means that there is a moderate potential that problems could occur in the area.

Whether or not a Site is affected by ground movement can depend on a number of factors – including property age and type of construction.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.

Mining

Our search indicates that the Site is not within a Coalfield Consultation Area.

Historical maps indicate that the Site formed part of a mine or quarry. The Site is located on land that was used as Quarrying of sand & clay, operation of sand & gravel pits, Quarrying of sand & clay, operation of sand & gravel pits, Extraction and Extraction.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.



Executive Summary

Radon

The Site is in a higher probability radon area, as between 10 to 30% of homes are estimated to be at or above the action level. As such, the Site has the potential to be affected by Radon. However, this does not necessarily mean that the Site is located on an area of high radon or that there is cause for concern.

As such, basic radon protective measures are necessary in the construction of new dwellings or extensions. Basic protective measures comprise a radon barrier laid across the footprint of the building.

As such, full radon protective measures are necessary in the construction of new dwellings or extensions. Full protective measures comprise a radon barrier laid across the footprint of the building, and provision for subfloor extraction or ventilation.

We recommend you follow Public Health England advice that homes in affected areas should be tested. For further information please contact the Public Health England (see Contacts section) or go to www.ukradon.org



Energy & Infrastructure

SEE PAGE 67 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified projects that may affect the Site or nearby area. These projects could result in visual impact or noise to the neighborhood. They could also affect nearby property values; this could be a negative affect or a positive one. For instance, being near a new rail link may boost values in the local area.

The Site is within 250m of above or below ground railways or trams. You may wish to visit the Site to understand any possible effect.



Report Scope

Report Prepared on: **LAND AT NORTH LODGE FARM, , GREATFORD, STAMFORD**

Current Use: **Agricultural**

Proposed Use: **Agricultural**

Transaction Type: **Assumed purchase**

Site Area (m²): **870362.26**

National Grid Reference: **505320 311280**



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Contaminated Land Consultant Commentary



On-site Sources

LOW TO MODERATE

A review of historical maps dating from 1886 shows the following potentially contaminative land uses on the Site: railways c.1886-1959, quarried land c.1975.

According to current mapping and aerial photography the farm is occupied by arable land and grassland, with a pond in the east and former railway land in the west. No buildings are located on the farm. Redevelopment is proposed for agricultural use.

Off-site Sources

LOW TO MODERATE

A review of historical maps dating from 1886 shows the following potentially contaminative uses within 100m of the farm: the wider extent of the railways, and additional railways adjacent north c.1886-2021.

According to current mapping and aerial photography the farm is surrounded by arable land and grassland, with farmyards and woodland located in the wider area. Railways border the north.

We have identified the following permits in proximity to the Site:

- A Discharge Consent operated by Tarmac Roadstone Ltd (East Midlands). This relates to the discharge of Trade Effluent to Freshwater Stream/River 1m east.

Pathways and Receptors

HIGH

The general area appears to be in agricultural use, with residential properties located adjacent.

The superficial hydrogeology underlying the Site is classified as Secondary Aquifer - A and Secondary Aquifer - Undifferentiated. The bedrock hydrogeology is classified as Principal Aquifer, Secondary Aquifer - A, Secondary Aquifer - B and Unproductive Strata.

The Site does not lie within a groundwater Source Protection Zone (SPZ).

There are four non-potable abstraction licences located within 100m, including three on-Site for agricultural use, comprising stream abstraction in the south-east, groundwater abstraction in the south, and a surface water abstraction in the north-west.

There are no potable abstraction licences within 500m.

Numerous drains, ponds and the West Glen River are located on the Site.

Finally, no designated eco-receptors were identified within a 500m radius of the Site.

Contaminated Land Consultant Commentary



Additional Sources of Information

No additional sources of information have been used.

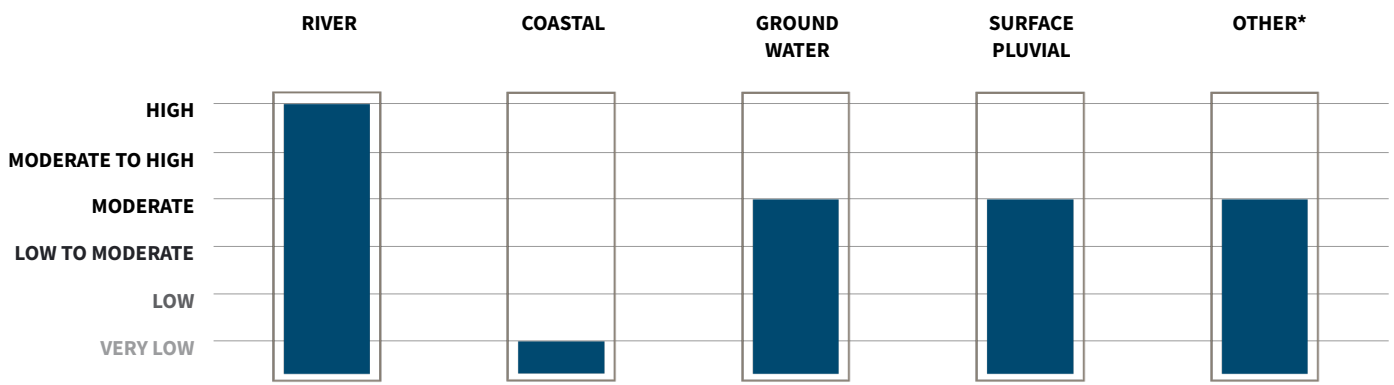
Flood Risk

Consultant Commentary



Flood Analysis

Would a Flood Risk Assessment be required if development is proposed?	YES (Full)
What is the risk of flooding in an undefended scenario or assuming defences fail?	HIGH
Are there existing flood defences within 500m of the Site?	YES
What is the risk of flooding when these defences are operational?	HIGH



* Other factors influencing flood risk include flood storage areas, historical floods, and proximity to water features.

Argyll's Comment

River	As the West Glen River is located on the Site the Site is at a high risk of flooding. Although defences are located in the wider area, the Site remains at a high risk. This indicates the defences are not providing adequate protection.
Coastal	No commentary required.
Groundwater	The Site is located within an area that is at some risk of groundwater flooding. A rising water table could exceed the surface during extreme storm events. This will be more of a problem if the proposed development is to incorporate basements.
Surface Water	Data indicates that depths from surface water may range between 0.3-1m during a flood event. However, this relates to a pond and small areas across the Site. As a result, this is not representative of the overall risk. A larger area is at risk of flooding up to 0.3m, therefore risk is moderate.
Other Factors	As well as the West Glen River, numerous drainage channels are located on the Site. These may pose a risk during extreme storm events or in the event of a blockage.

Contaminated Land

Data Section



Contaminated Land Data: This section details the data used as part of our Contaminated Land Risk analysis. Each key dataset is mapped with the detail outlined beneath. We only show section headers beyond the tabular summary where we have found data to report. The relevant data has been reviewed by the report writer, supplemented by a review of historical mapping.

contents

Tabular Summary	This section gives an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. The search distances vary based on the scale of the activity and regulatory guidance. We display the number of records found in each database under the relevant heading. Where we have not searched a database, we will display the abbreviation N/A instead.
Authorised Industrial Processes	This section shows current and licensed activities relevant to contaminated land and environmental controls from a range of regulatory bodies. The search distances vary based on the scale of the activity.
Incidents and Enforcements	This section shows pollution incidents, licence enforcements and prosecutions. It also includes Contaminated Land Register Entries and Notices.
Landfill and Waste sites	This section presents detailed information on waste and landfill sites for the Site and surrounding area.
Current Land Use	This section shows contemporary trade directories and fuel stations. This information is indicative of operations at the Site and surrounding area, and may also relate to inactive or former land uses.
Historical Land Use	This section presents selected information on historical land use for the Site and surrounding area. The data shows historical land use information collected from 1:10,000 scale mapping, and for tanks and energy facilities 1:2,500 scale mapping. This includes polygon and point based land uses digitised by Landmark.
Groundwater Vulnerability	This section presents information relating to the aquifer designations beneath the Site. The aquifer designation of the Superficial and Bedrock geology are both mapped, followed by the detail. These aquifer designations are followed by information on the local geology. This information is considered in our Pathways and Receptors section.
Environmental Sensitivity	This section presents designated eco-receptors and sensitive area designations at the Site and in the surrounding area. This information is considered in our Pathways and Receptors section.



Contaminated Land: Tabular Summary

Authorised Industrial Processes

Authorisations	On-site	1-100m	101-250m
Local Authority Pollution Prevention and Controls	0	0	N/A
Local Authority Integrated Pollution Prevention And Control	0	0	N/A
Integrated Pollution Controls	0	0	N/A
Environmental Permitting Regulations - Industry	0	0	N/A
Radioactive Substances Register*	0	0	N/A
Discharges	On-site	1-100m	101-250m
Consented Discharges to Controlled Waters**	0	1	N/A
Referrals of Red List Discharges to Sewers (Corporate Entities)**	0	0	N/A
Hazardous Sites	On-site	1-100m	101-250m
Control of Major Accident Hazards Sites (COMAH)	0	0	0
Explosive Sites	0	0	0
Notification of Installations Handling Hazardous Substances (NIHHS)	0	0	0
Planning Hazardous Substance Consents	0	0	0

Incidents and Enforcements

Contraventions	On-site	1-100m	101-250m
Contaminated Land Register Entries and Notices	0	0	0
Local Authority Pollution Prevention and Control Enforcements	0	0	N/A
Enforcement and Prohibition Notices	0	0	N/A
Planning Hazardous Substance Enforcements	0	0	N/A
Environmental Pollution Incidents	0	0	N/A
Prosecutions (Post 2000)	0	0	N/A

Landfill and Waste Sites

Landfill and Waste	On-site	1-100m	101-250m
BGS Recorded Landfill Sites	0	0	0
Integrated Pollution Control Registered Waste Sites	0	0	0
Permitted Waste Sites - Authorised Landfill Site Boundaries	0	0	0
Environmental Permitting Regulations - Waste Sites	0	0	0
Local Authority Recorded Landfill Sites	0	0	0
Registered Landfill Sites	0	0	0
Registered Waste Transfer Sites	0	0	N/A
Registered Waste Treatment or Disposal Sites	0	0	N/A
Historic Landfill	0	0	0



Contaminated Land: Tabular Summary

Current Land Use

Current Potentially Contaminative Uses	On-site	1-100m	101-250m
Contemporary Trade Directory Entries**	0	0	N/A
Fuel Station Entries	0	0	N/A

Historical Land Use

Historical Potentially Contaminative Uses	On-site	1-100m	101-250m
Historical Tanks And Energy Facilities	0	0	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	3	2	N/A

Potentially Infilled Land	On-site	1-100m	101-250m
Former Marshes	0	0	N/A
Potentially Infilled Land (Non-Water)	0	0	N/A
Potentially Infilled Land (Water)	1	0	N/A

Groundwater Vulnerability

Hydrogeology	On-site	1-250m	251-500m
Superficial Aquifer Designations	Yes	N/A	N/A
Bedrock Aquifer Designations	Yes	N/A	N/A

Geology

Geology	On-site	1-250m	251-500m
BGS 1:50,000 Bedrock Geology	Yes	N/A	N/A
BGS 1:50,000 Superficial Deposits	Yes	N/A	N/A
BGS 1:50,000 Geological Mapping Coverage	Yes	N/A	N/A



Contaminated Land: Tabular Summary

Environmental Sensitivity

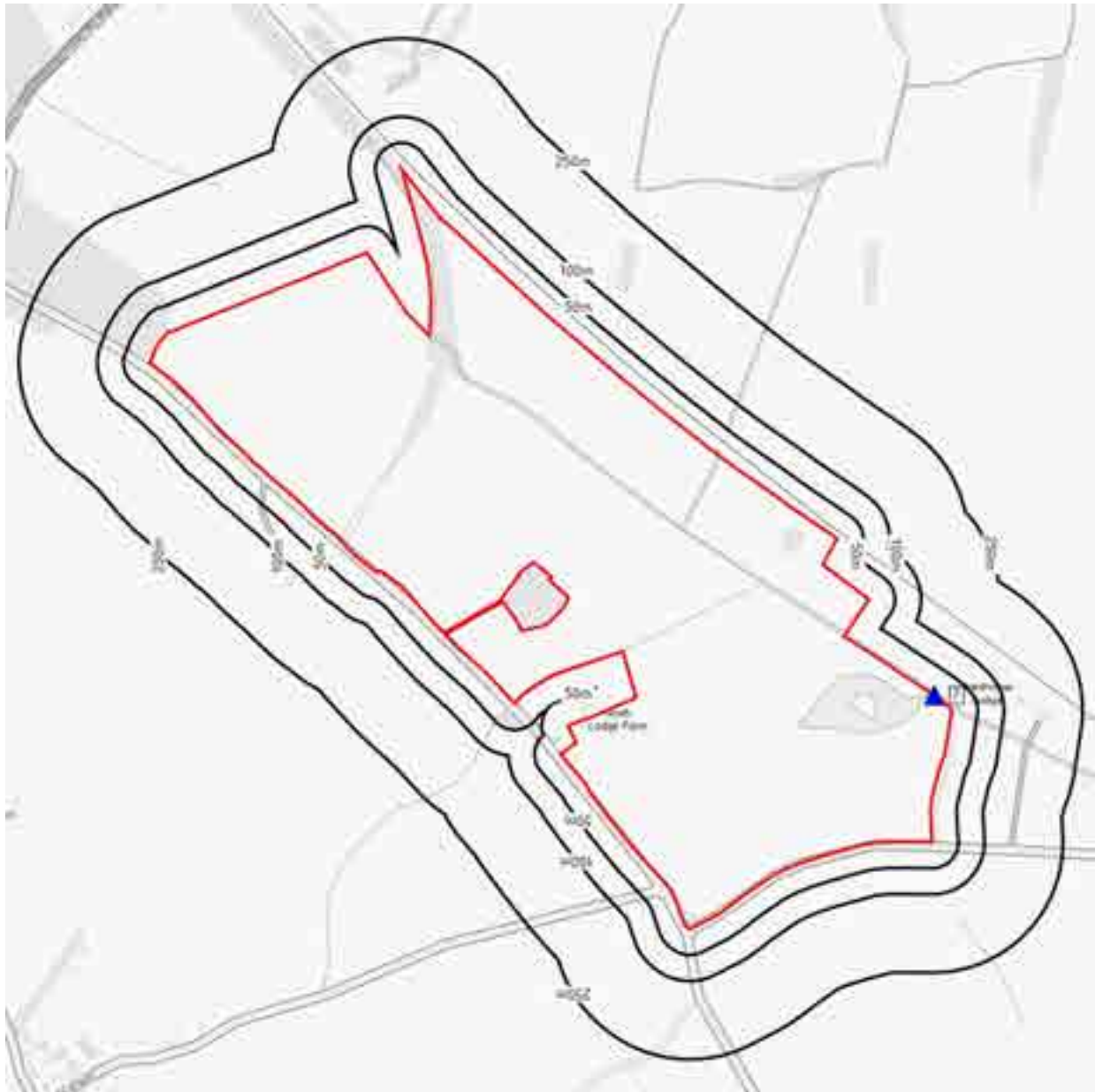
Environmental Sensitivity	On-site	1-250m	251-500m
Areas of Outstanding Natural Beauty	0	0	0
Environmentally Sensitive Areas	0	0	0
Forest Parks	0	0	0
Local Nature Reserves	0	0	0
Marine Conservation Zones	0	0	0
National Nature Reserves	0	0	0
National Parks	0	0	0
Ramsar Sites	0	0	0
Sites of Special Scientific Interest	0	0	0
Special Areas of Conservation	0	0	0
Special Protection Areas	0	0	0
Water Abstractions	3	1	0
Source Protection Zones	0	0	0

**dataset searched to 25m

*dataset searched to 50m



Contaminated Land: Authorised Industrial Processes



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- | | |
|---|---|
| Site | Consented Discharges to Controlled Waters |
| Multiple Features Present | Referrals of Red List Discharges to Sewers (Corporate Entities) |
| Local Authority Pollution Prevention and Controls | Control of Major Accident Hazards Sites (COMAH) |
| Local Authority Integrated Pollution Prevention And Control | Explosive Sites |
| Integrated Pollution Controls | Notification of Installations Handling Hazardous Substances (NIHHS) |
| Environmental Permitting Regulations - Industry | Planning Hazardous Substance Consents |
| Radioactive Substances Register | |



Authorisations

Local Authority Pollution Prevention and Controls

No features identified.

Local Authority Integrated Pollution Prevention And Control

No features identified.

Integrated Pollution Controls

No features identified.

Environmental Permitting Regulations - Industry

No features identified.

Radioactive Substances Register

No features identified.



Discharges

Consented Discharges to Controlled Waters

Map ID	Details	Distance	Direction	Contact
7	<p>Summary: Trade Discharge Date of Issue: 5th June 1986 Name: Tarmac Roadstone Ltd (East Midlands) Location: Essendine Sand And Gravel Pit Greatford Road, Essendine, Leics Discharge Type: Trade Effluent Property Type: Undefined Or Other Discharge Environment Type: Freshwater Stream/River Receiving Water: River West Glen Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989</p>	1m	E	3

Referrals of Red List Discharges to Sewers (Corporate Entities)

No features identified.



Hazardous Sites

Control of Major Accident Hazards Sites (COMAH)

No features identified.

Explosive Sites

No features identified.

Notification of Installations Handling Hazardous Substances (NIHHS)

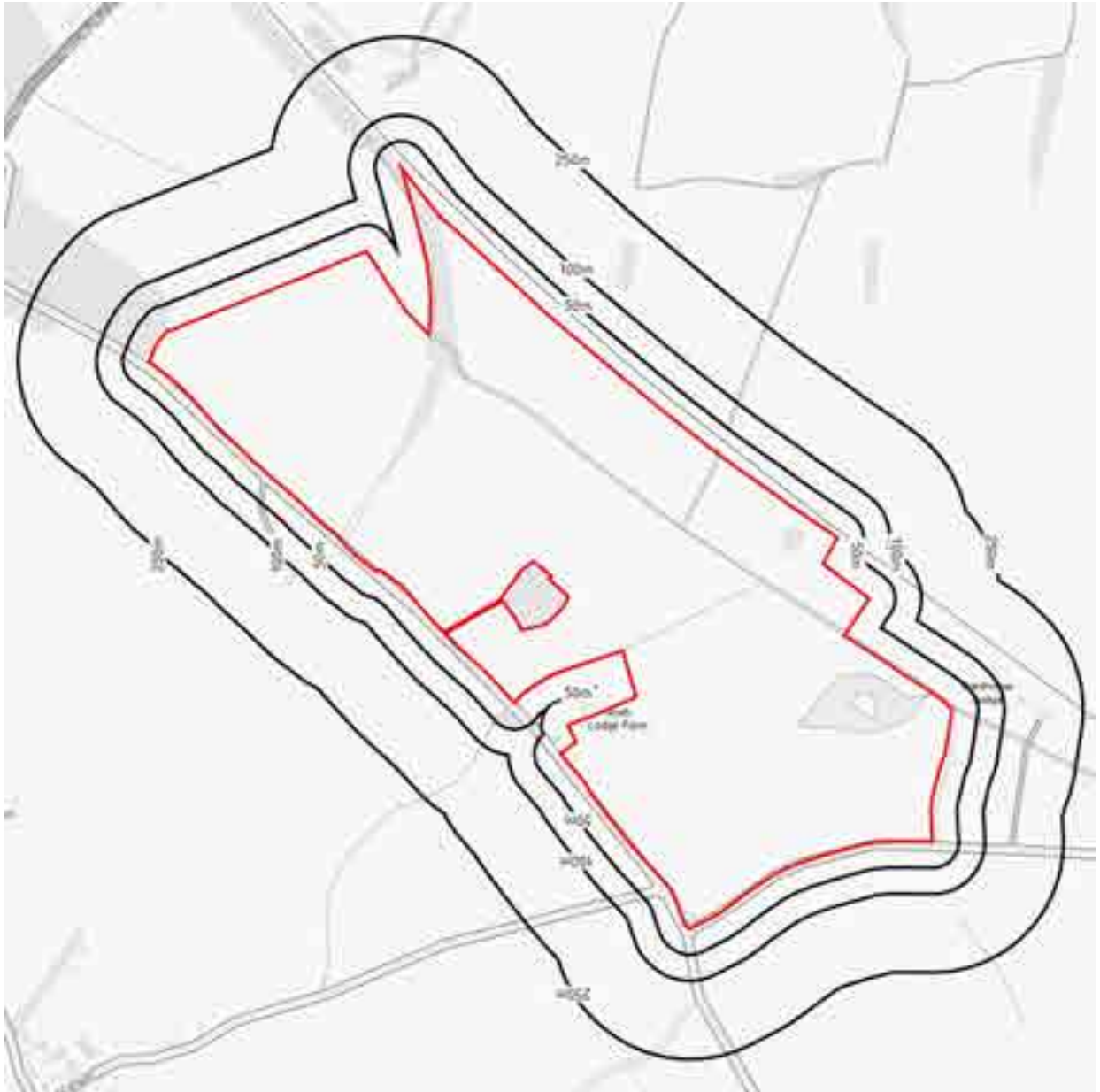
No features identified.

Planning Hazardous Substance Consents









No features identified.



Contaminated Land: Incidents and Enforcements



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- | | | | |
|---|---|---|---|
|  | Site |  | Enforcement and Prohibition Notices |
|  | Multiple Features Present |  | Planning Hazardous Substance Enforcements |
|  | Contaminated Land Register Entries and Notices |  | Environmental Pollution Incidents |
|  | Local Authority Pollution Prevention and Control Enforcements |  | Prosecutions (Post 2000) |



Contaminated Land: Incidents and Enforcements

Contraventions

Contaminated Land Register Entries and Notices

No features identified.

Local Authority Pollution Prevention and Control Enforcements

No features identified.

Enforcement and Prohibition Notices

No features identified.

Planning Hazardous Substance Enforcements

No features identified.

Environmental Pollution Incidents

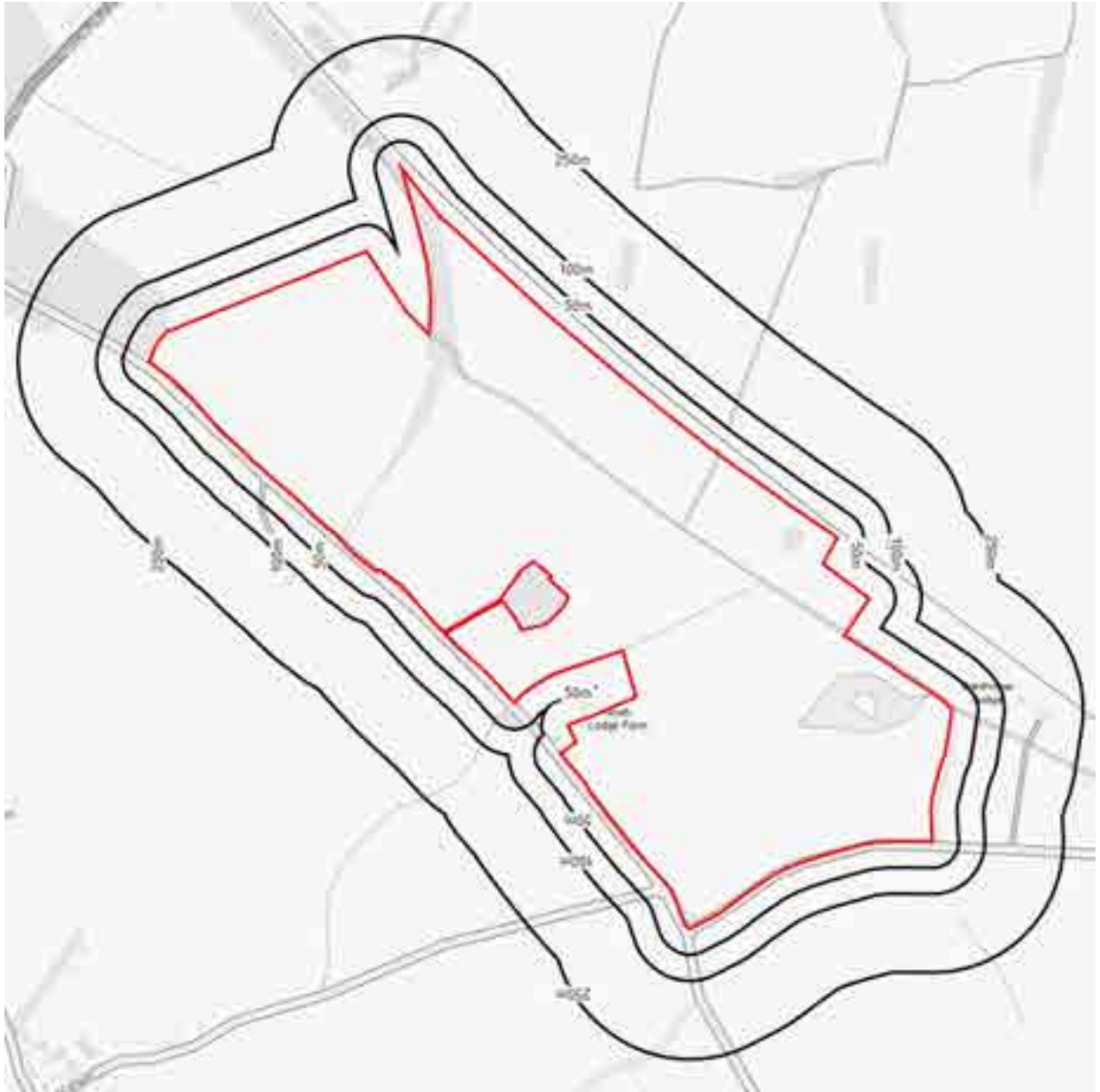
No features identified.

Prosecutions (Post 2000)

No features identified.



Contaminated Land: Landfill and Waste



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- | | | | | |
|--|---------------------------|--|--|--|
| | Site | | | Local Authority Recorded Landfill Sites |
| | Multiple Features Present | | | Registered Landfill Sites |
| | | | | Registered Waste Transfer Sites |
| | | | | Registered Waste Treatment or Disposal Sites |
| | | | | Historic Landfill |
| | | | | |
- Environmental Permitting Regulations - Waste Sites



Landfill and Waste

BGS Recorded Landfill Sites

No features identified.

Integrated Pollution Control Registered Waste Sites

No features identified.

Permitted Waste Sites - Authorised Landfill Site Boundaries

No features identified.

Environmental Permitting Regulations - Waste Sites

No features identified.

Local Authority Recorded Landfill Sites

No features identified.

Registered Landfill Sites

No features identified.

Registered Waste Transfer Sites

No features identified.

Registered Waste Treatment or Disposal Sites

No features identified.

Historic Landfill

No features identified.



Contaminated Land: Current Land Uses



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Site



Contemporary Trade Directory Entries



Multiple Features Present



Fuel Station Entries



Contaminated Land: Current Land Uses

Current Potentially Contaminative Uses

Contemporary Trade Directory Entries

No features identified.

Fuel Station Entries








No features identified.



Contaminated Land: Historical Land Uses



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- | | | | |
|---|---|---|---------------------------------------|
|  | Site |  | Former Marshes |
|  | Multiple Features Present |  | Potentially Infilled Land (Non-Water) |
|  | Historical Tanks And Energy Facilities |  | Potentially Infilled Land (Water) |
|  | Potentially Contaminative Industrial Uses (Past Land Use) | | |



Contaminated Land: Historical Land Uses

Historical Potentially Contaminative Uses

Historical Tanks And Energy Facilities

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

Map ID	Details	Distance	Direction	Contact
1	Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SE	1
2	Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SW	1
3	Class: Railways Map Published Date: 1892-1958	0m	NW	1
5	Class: Railways Map Published Date: 1905-1958	7m	N	1
6	Class: Railways Map Published Date: 1892-1983	16m	NE	1



Contaminated Land: Historical Land Uses

Potentially Infilled Land

Former Marshes

No features identified.

Potentially Infilled Land (Non-Water)

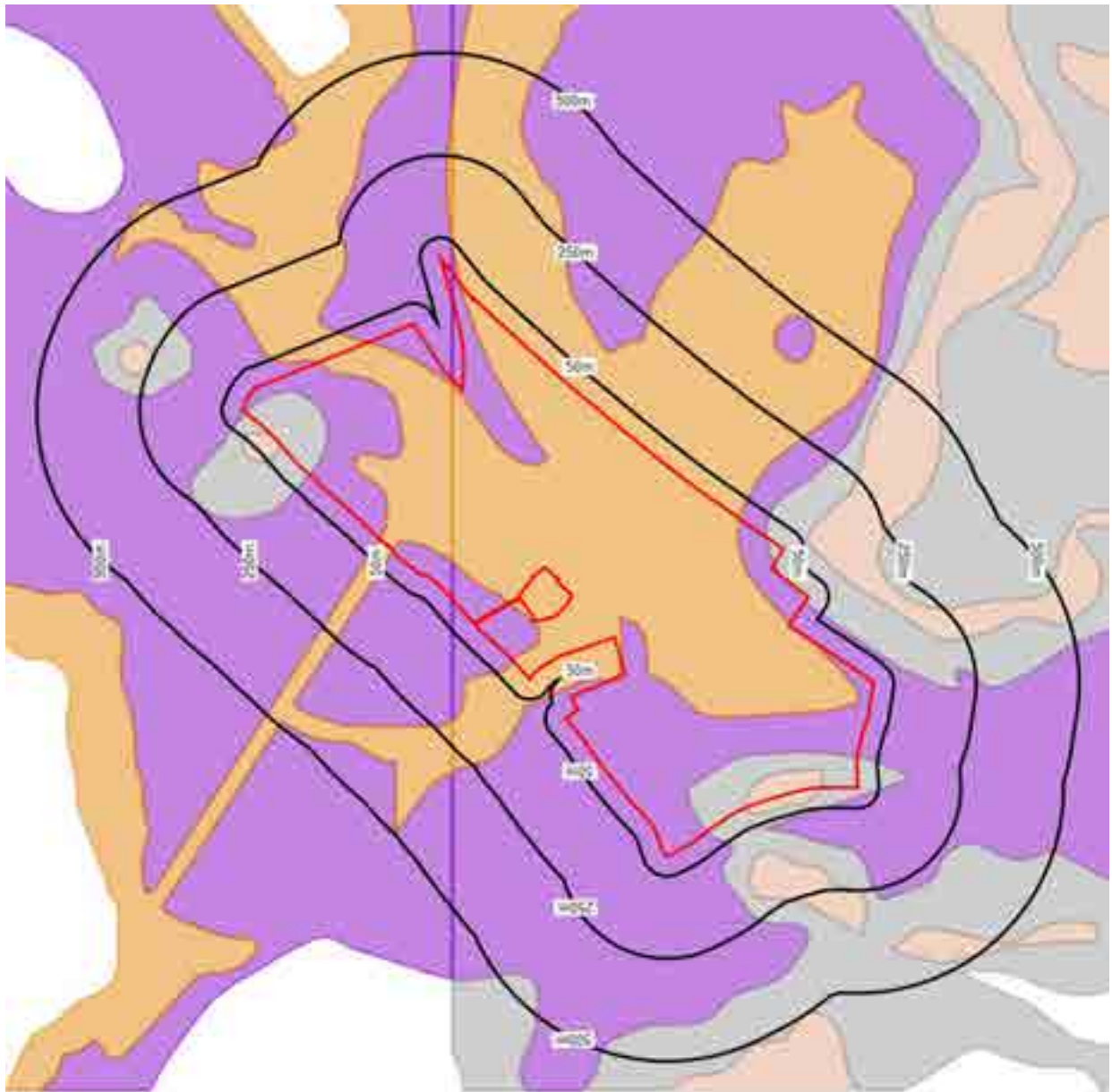
No features identified.

Potentially Infilled Land (Water)

Map ID	Details	Distance	Direction	Contact
4	Details: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Map Published Date: 1905	0m	N	1



Bedrock



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Site



Principal Aquifer



Secondary Aquifer A



Secondary Aquifer B



Secondary Aquifer Undifferentiated



Unproductive Strata



Unknown



Hydrogeology

Bedrock Aquifer Designations

Details	Distance	Direction	Contact
Aquifer Designation: Principal Aquifer	0m	W	4
Aquifer Designation: Unproductive Strata	0m	NW	4
Aquifer Designation: Secondary Aquifer - B	0m	W	4
Aquifer Designation: Secondary Aquifer - A	0m	W	4

Superficial Aquifer Designations

Details	Distance	Direction	Contact
Aquifer Designation: Secondary Aquifer - Undifferentiated	0m	W	4
Aquifer Designation: Secondary Aquifer - A	0m	N	4



Geology

BGS 1:50,000 Bedrock Geology

Details	Distance	Direction	Contact
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	W	5
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SW	5
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	NW	5
Lex Code: CB Rock Name: Cornbrash Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	W	5
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	SE	5
Lex Code: CB Rock Name: Cornbrash Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SE	5
Lex Code: RLD Rock Name: Rutland Formation Rock Type: Argillaceous Rocks with Subordinate Sandstone and Limestone Min Age: Not Supplied Max Age: Bajocian	0m	N	5
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SE	5
Lex Code: ULL Rock Name: Upper Lincolnshire Limestone Member Rock Type: Limestone Min Age: Not Supplied Max Age: Bajocian	0m	NW	5



Contaminated Land: Geology

Details	Distance	Direction	Contact
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	E	5

BGS 1:50,000 Superficial Deposits

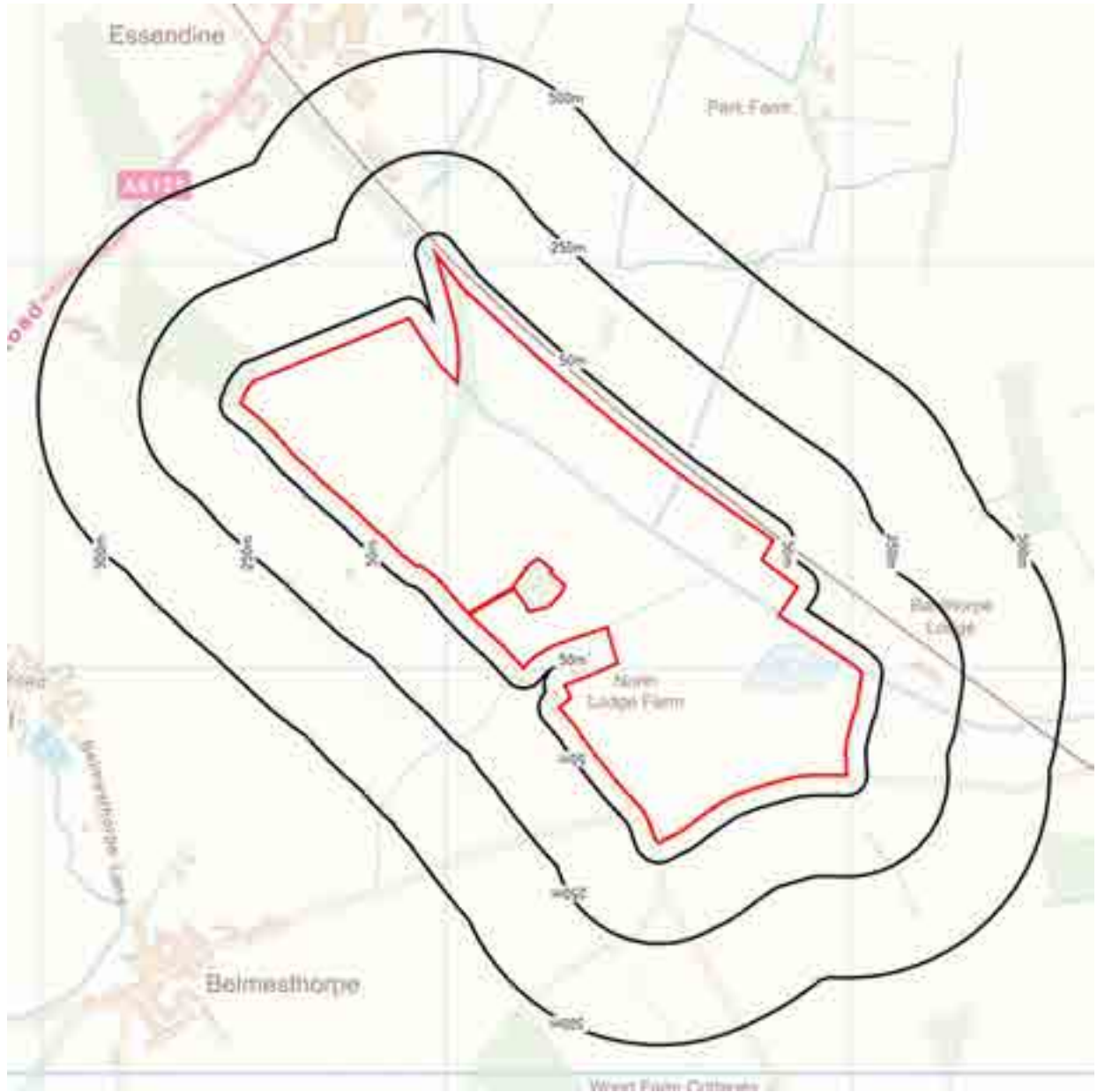
Details	Distance	Direction	Contact
Lex Code: ALV Rock Name: Alluvium Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Holocene	0m	NE	5
Lex Code: HEAD Rock Name: Head Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	S	5
Lex Code: HEAD Rock Name: Head Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	NE	5
Lex Code: RTD1 Rock Name: River Terrace Deposits, 1 Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	N	5
Lex Code: RTD1 Rock Name: River Terrace Deposits, 1 Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	N	5
Lex Code: TILMP Rock Name: Till, Mid Pleistocene Rock Type: Diamicton Min Age: Not Supplied Max Age: Cromerian	0m	SW	5

BGS 1:50,000 Geological Mapping Coverage

Details	Distance	Direction	Contact
Map Sheet No: 157 Map Name: Stamford Bedrock Geology: Available Superficial Geology: Available	0m	N	5



Contaminated Land: Environmental Sensitivity

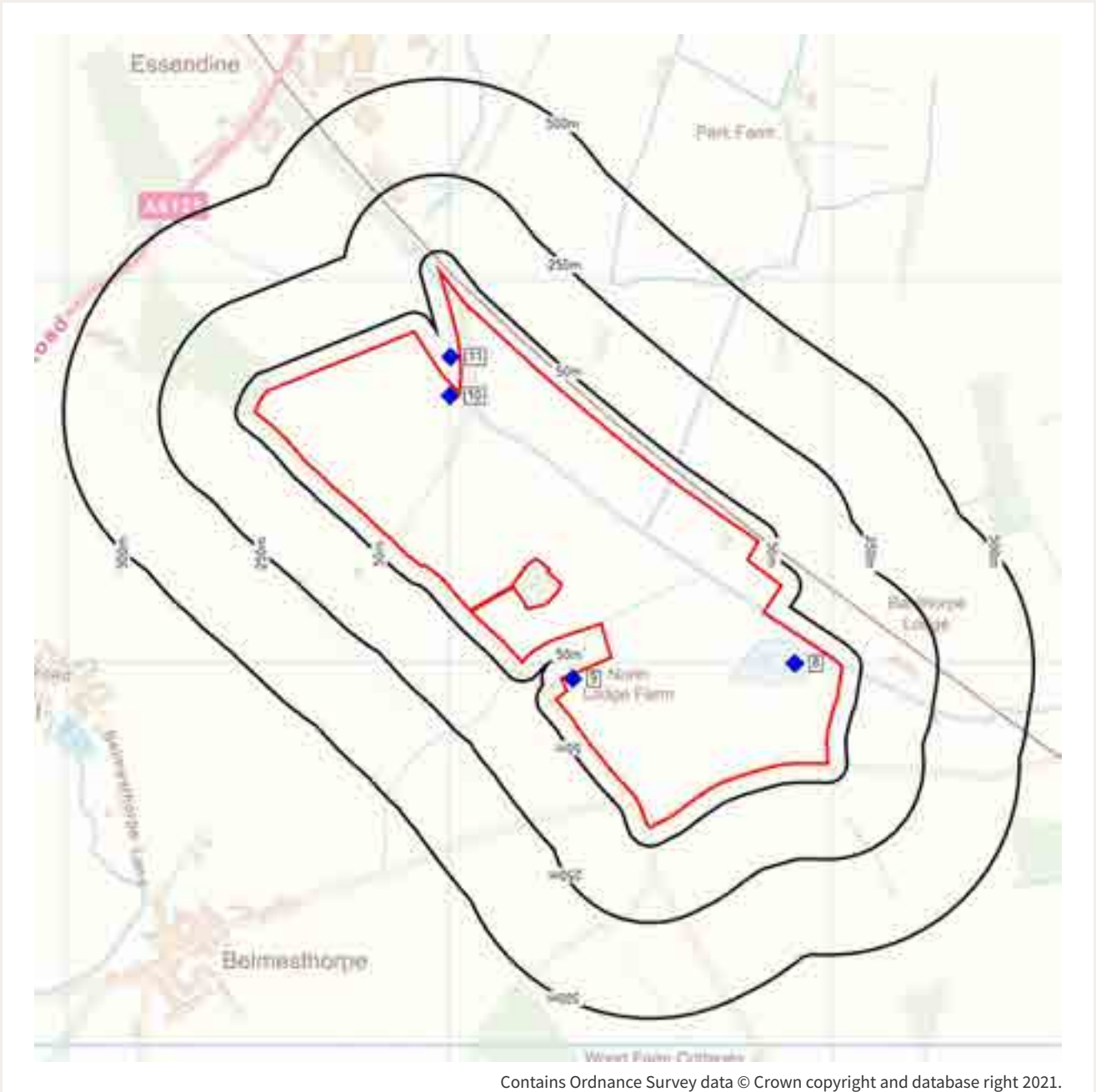


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Site	Local Nature Reserves	RAMSAR Sites
Multiple Features Present	Marine Nature Reserves	Sites of Special Scientific Interest
Areas of Outstanding Natural Beauty	National Nature Reserves	Special Areas of Conservation
Environmentally Sensitive Areas	National Parks	Special Protection Areas
Forest Parks	National Scenic Areas	



Contaminated Land: Source Protection Zones



Site	Outer Zone (Zone 2c)
Multiple Features Present	Total Catchment (Zone 3)
Inner Zone (zone 1)	Total Catchment (Zone 3c)
Inner Zone (zone 1c)	Special Interest (Zone 4)
Outer Zone (Zone 2)	Water Abstractions



Environmental Sensitivity

Areas of Outstanding Natural Beauty

No features identified.

Environmentally Sensitive Areas

No features identified.

Forest Parks

No features identified.

Local Nature Reserves

No features identified.

Marine Conservation Zones

No features identified.

National Nature Reserves

No features identified.

National Parks

No features identified.

Ramsar Sites

No features identified.

Sites of Special Scientific Interest

No features identified.

Special Areas of Conservation

No features identified.

Special Protection Areas

No features identified.

Water Abstractions

Map ID	Details	Distance	Direction	Contact
8	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	0m	SE	3
9	Abstraction Source: Groundwater Abstraction Type: Abstractions Agricultural Reference:	0m	S	3
10	Abstraction Source: Surface Abstraction Type: Abstractions Agricultural Reference:	0m	NW	3



Contaminated Land: Environmental Sensitivity

Map ID	Details	Distance	Direction	Contact
11	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	25m	NW	3

Source Protection Zones

No features identified.

Flood Risk

Data Section



Flood Risk Data: This section details the data used as part of our Flood Risk analysis. Each key source of flooding has the data mapped with the detail outlined beneath. All relevant data in this section has been reviewed by the report writer and taken into account in the overall analysis. As a result, the individual risks in the data below may vary from our overall opinion.

contents

Tabular Summary	This section gives an overview of the data at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. Where we have not been able to search a database, we will display the abbreviation N/A instead.
River and Coastal Flooding	The data used to form our river and coastal flood risk analysis includes: <ul style="list-style-type: none">• Flood Zones: Created for land-use planning, Flood Zones map the likelihood of flooding assuming no defences are present, fail or are over-topped. This data is presented as FZ1, FZ2 or FZ3.• Risk of Flooding from Rivers and Seas (RoFRS): Provides an indication of flood risk taking into account the presence of defences and the level of protection they offer.• Flood Defences: Recorded by the regulatory body, and includes defence type and standard of protection.• Areas Benefiting from Flood Defences: Areas defined as having protection of at least 1 in 100 for river and 1 in 200 for coastal.• Flood Storage Areas: Areas that store floodwater during flood events.
Surface Water Flooding	We present the risk of surface water flooding in three separate return periods: <ul style="list-style-type: none">• 1:75• 1:200• 1:1000 Each map will show the likely flood depth bandings within each of these return periods.
Groundwater Flooding	The data takes into account the two key mechanisms of groundwater flooding; clearwater and permeable superficial deposits.
Other Factors	This section accounts for risk that is not tied to modelled data. It includes historical floods, proximity to water features and elevation above both of these features.



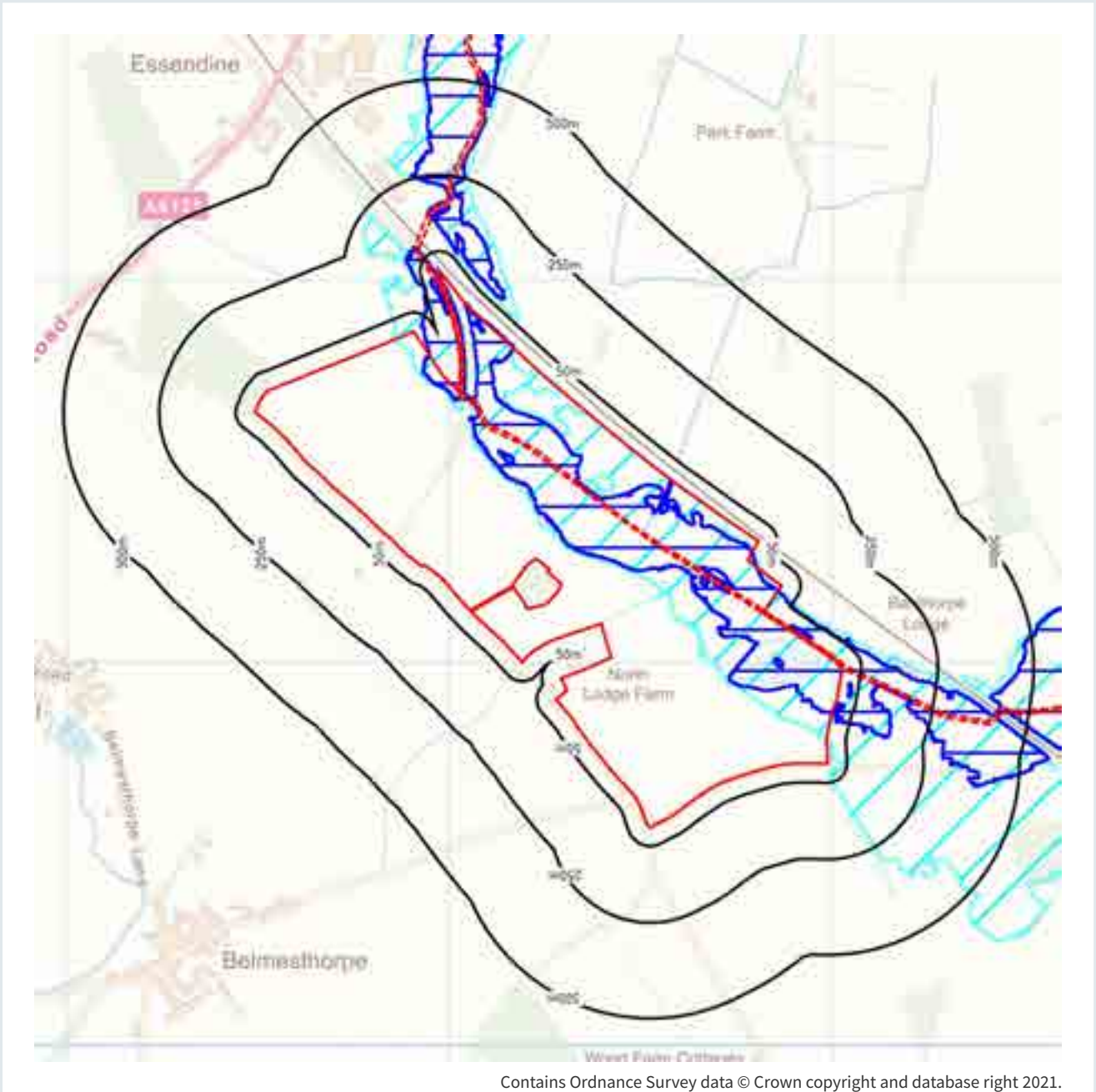
Flood Risk: Tabular Summary

Flooding

River and Coastal Flooding	On-site	1-250m	251-500m
Flooding from Rivers or Sea without Defences (Flood Zone 3)	Yes	Yes	No
Extreme Flooding from Rivers or Sea without Defences (Flood Zone 2)	Yes	Yes	No
Areas Benefitting from Flood Defences	No	No	No
Spatial Flood Defences (with attributes)	Yes	No	No
Risk of Flooding from Rivers and Sea (RoFRS)	Yes	Yes	Yes
Surface Water Flooding	On-site	1-250m	251-500m
JBA Pluvial 75 Depths	Yes	Yes	Yes
JBA Pluvial 200 Depths	Yes	Yes	Yes
JBA Pluvial 1000 Depths	Yes	Yes	Yes
Groundwater Flooding	On-site	1-250m	251-500m
Groundwater Flood Risk 5m	Yes	Yes	Yes
Other Factors	On-site	1-250m	251-500m
Flood Storage Areas	No	No	No
Recorded Flood Outlines	No	No	No
OS VectorMap District - Water Features	No	No	No
OS MasterMap Water Network	Yes	Yes	Yes





Flood Risk: River and Coastal (map 1)




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 Site

 Flood Zone 3

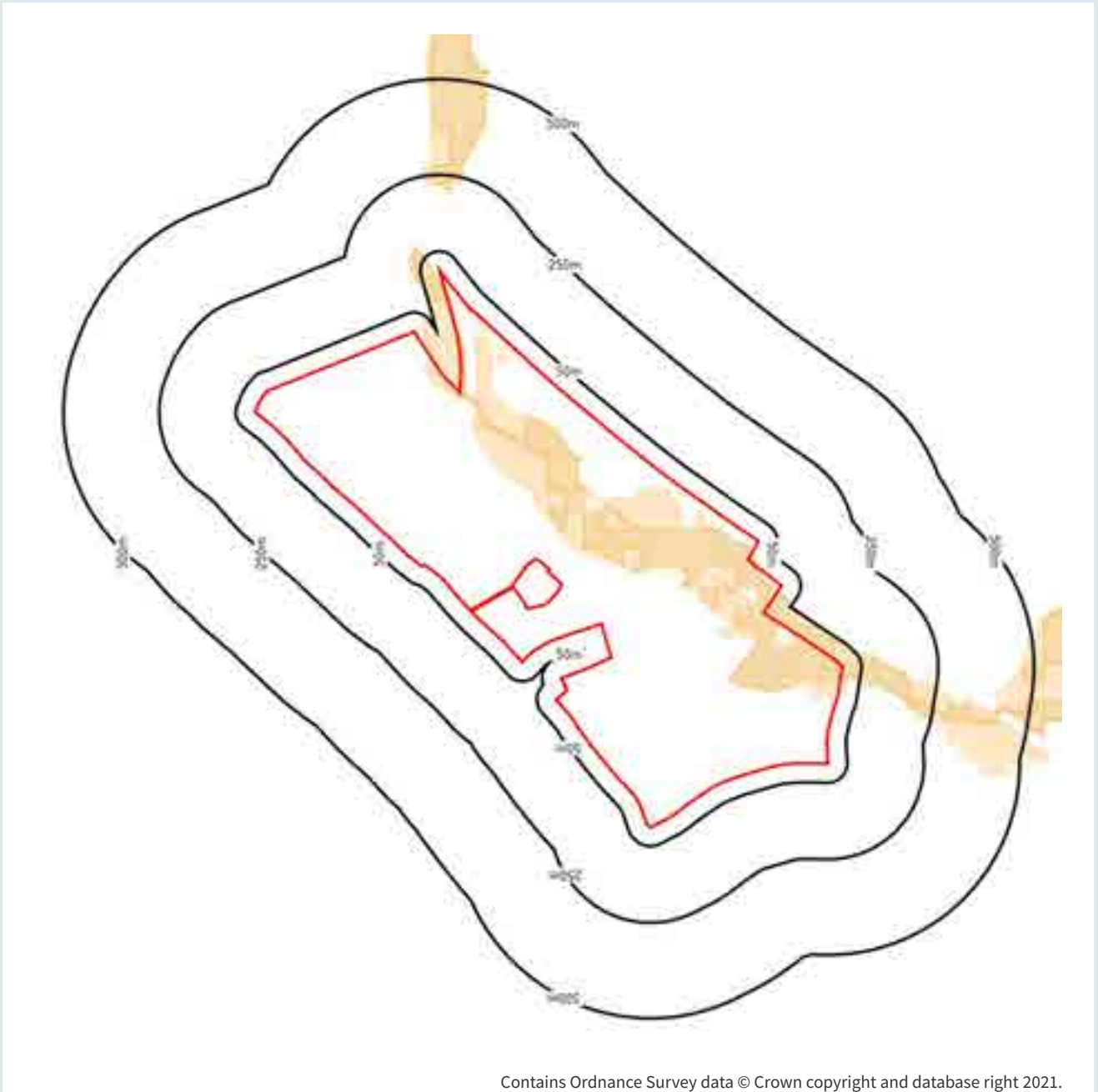
 Flood Defences

 Flood Zone 2

 Areas Benefiting from Flood Defences



Flood Risk: River and Coastal (map 2)



Site



RoFRS - Very Low



RoFRS - Low



RoFRS - Medium



RoFRS - High



Flood Risk: River and Coastal

Flooding from Rivers or Sea without Defences (Flood Zone 3)

Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Extreme Flooding from Rivers or Sea without Defences (Flood Zone 2)

Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Areas Benefitting from Flood Defences

No features identified.

Spatial Flood Defences (with attributes)

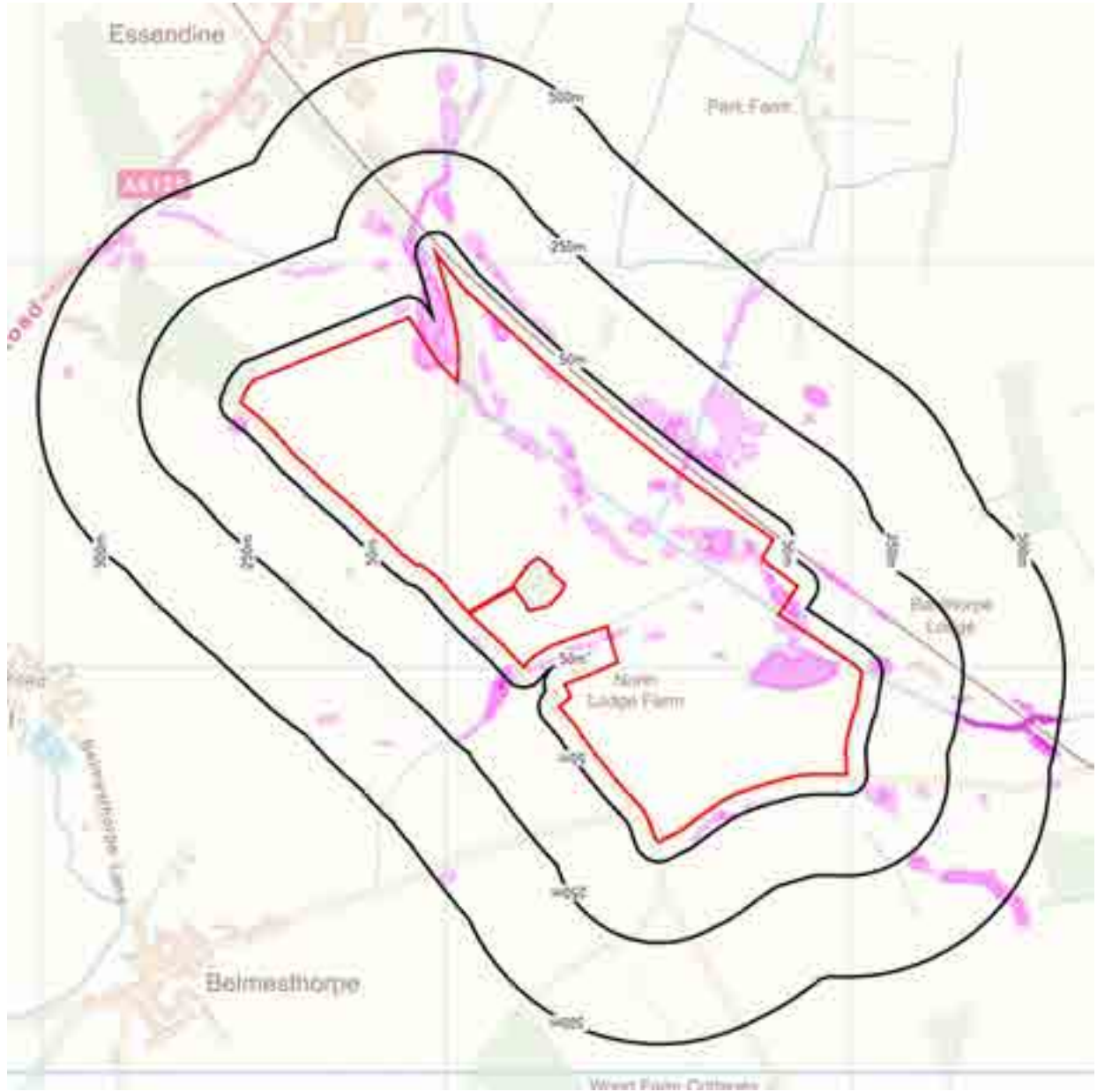
Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Risk of Flooding from Rivers and Sea (RoFRS)

Details	Distance	Direction	Contact
Risk: Medium	0m	E	3
Risk: Low	0m	E	3
Risk: High	0m	E	3





Flood Risk: Surface Water (1:75 year event)




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 Site

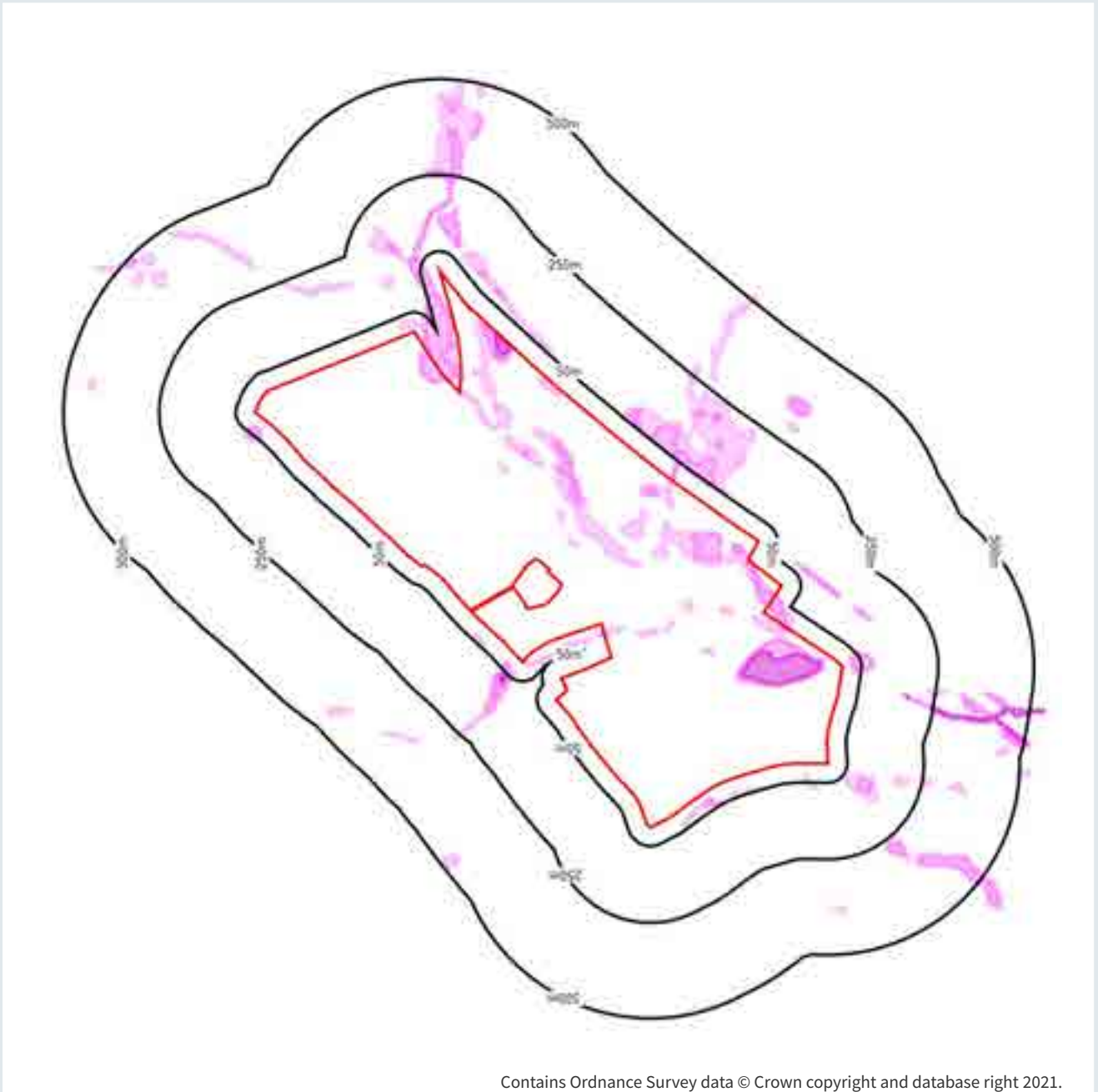
 10cm – 30cm depth

 30cm – 1m depth

 1m + depth



Flood Risk: Surface Water (1:200 year event)



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Site

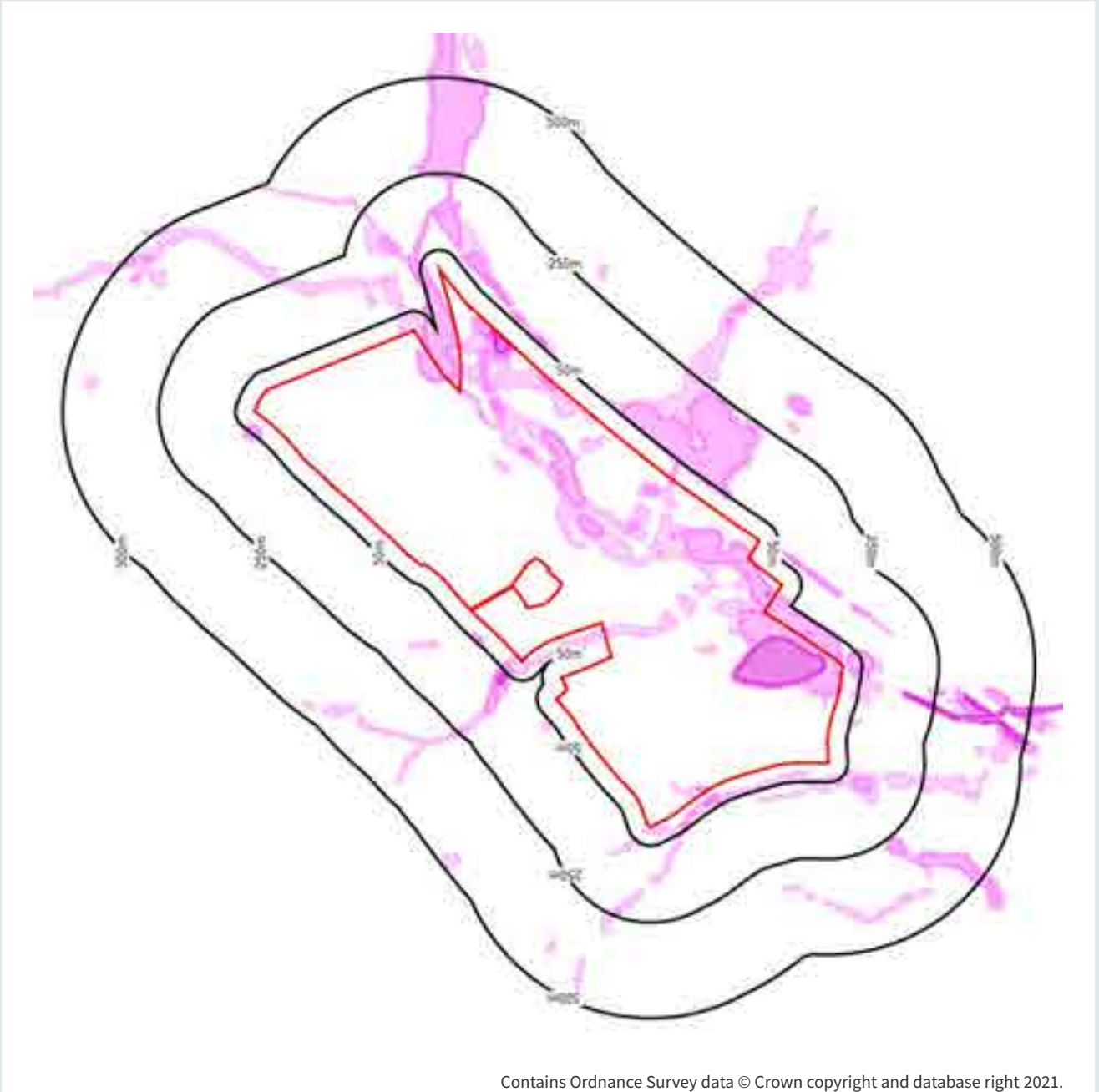
10cm - 30cm depth

30cm - 1m depth

1m + depth





Flood Risk: Surface Water (1:1000 year event)




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 Site

 10cm - 30cm depth

 30cm - 1m depth

 1m + depth



JBA Pluvial 75 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	NW	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	NW	1
Type: Greater than 1.0m	58m	SW	1

JBA Pluvial 200 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	N	1
Type: Greater than 1.0m	0m	N	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	N	1
Type: Equal to 0.1m	133m	SE	1

JBA Pluvial 1000 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	SE	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	SE	1
Type: Greater than 1.0m	0m	SE	1

Flood data provided by JBA Risk Management Limited. © Copyright JBA Risk Management Limited 2008-2021



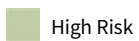
Flood Risk: Groundwater



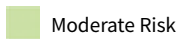
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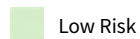
Site



High Risk



Moderate Risk



Low Risk



Negligible Risk

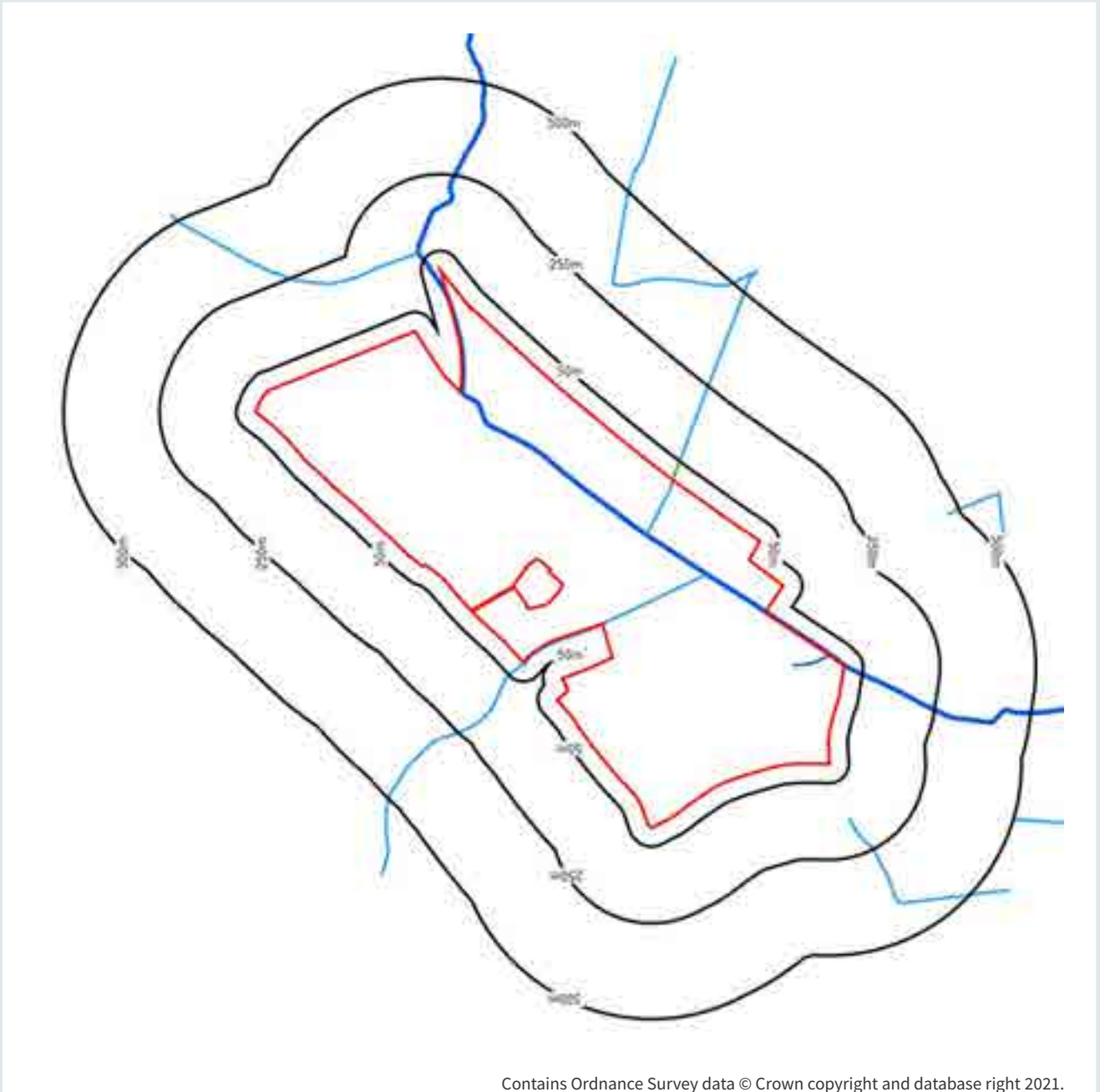


Groundwater Flood Risk 5m

Details	Distance	Direction	Contact
Type: Low	0m	SE	1
Type: Moderate	0m	NW	1
Type: High	0m	NW	1
Type: Negligible	0m	NW	1



Flood Risk: Other



- | | |
|-------------------------|-------------------------|
| Site | Tidal River |
| Water Feature | Lake or Reservoir |
| Flood Storage Areas | Forshore and Sea |
| Recorded Flood Outlines | Underground River |
| Primary Flow (named) | Marsh |
| Primary Flow (un-named) | Canal, Lock or Transfer |
| Secondary Flow | |



Flood Risk: Other

Flood Storage Areas

No features identified.

Recorded Flood Outlines

No features identified.

OS VectorMap District - Water Features

No features identified.

OS MasterMap Water Network

Details	Distance	Direction	Contact
Name: Type: Primary Flow (un-named)	0m	SE	2
Name: West Glen River Type: Primary Flow (named)	0m	E	2
Name: Type: Underground River	0m	E	2
Name: Type: Lake or Reservoir	0m	SE	2

Agricultural Considerations

Data Section



Agricultural Data: This section presents data relating to designated features and land classifications that could be of relevance to the Site.

contents

Tabular Summary

This section gives an overview of the data found at the Site and in the surrounding area. We present the data to a maximum of 100m. We display the number of records found in each database under the relevant heading. Where we have not been able to search a database, we will display the abbreviation N/A instead.

Land classifications

- **Environmental Stewardship Schemes:** The Environmental Stewardship Scheme aims to secure widespread environmental benefits (including improved water quality and reduced soil erosion) through financial incentives.
- **Agricultural Land Classifications:** The classification system is broken down into categories according to the extent to which physical or chemical characteristics (such as climatic conditions and soil chemistry) cause limitations on food production.
- **Countryside Stewardship Schemes:** The Countryside Stewardship provides financial incentives for farmers and land managers to maintain and improve the environment. Examples include conserving and restoring wildlife habitat, flood risk management and woodland creation.
- **Open access land:** Under the Countryside and Rights of Way Act 2000, people can access land across England and Wales without having to use paths, known as 'open access land'.

Sites of interest

- **Listed buildings:** Listed buildings are considered to be of special architectural or historic interest and require planning consideration.
- **Ancient woodland:** Ancient woodland is defined as an area that has been wooded continuously since at least 1600 AD and require planning consideration.
- **Scheduled monuments:** Scheduled monuments are considered to be of national importance and require planning consideration.



Agricultural Considerations: Tabular Summary

Land Classifications

Environmental Stewardship Schemes	On-site	1-250m	251-500m
Environmental Stewardship Scheme Agreements*	1	1	N/A
Agricultural Land Classifications	On-site	1-250m	251-500m
Nitrate Vulnerable Zones*	2	0	N/A
Provisional Agricultural Land Classifications*	4	1	N/A
Post 1988 Agricultural Land Classifications *	0	0	N/A
Countryside Stewardship Schemes	On-site	1-250m	251-500m
Countryside Stewardship Scheme Management Areas*	0	0	N/A
Open access land	On-site	1-250m	251-500m
Open Access Land*	0	0	N/A

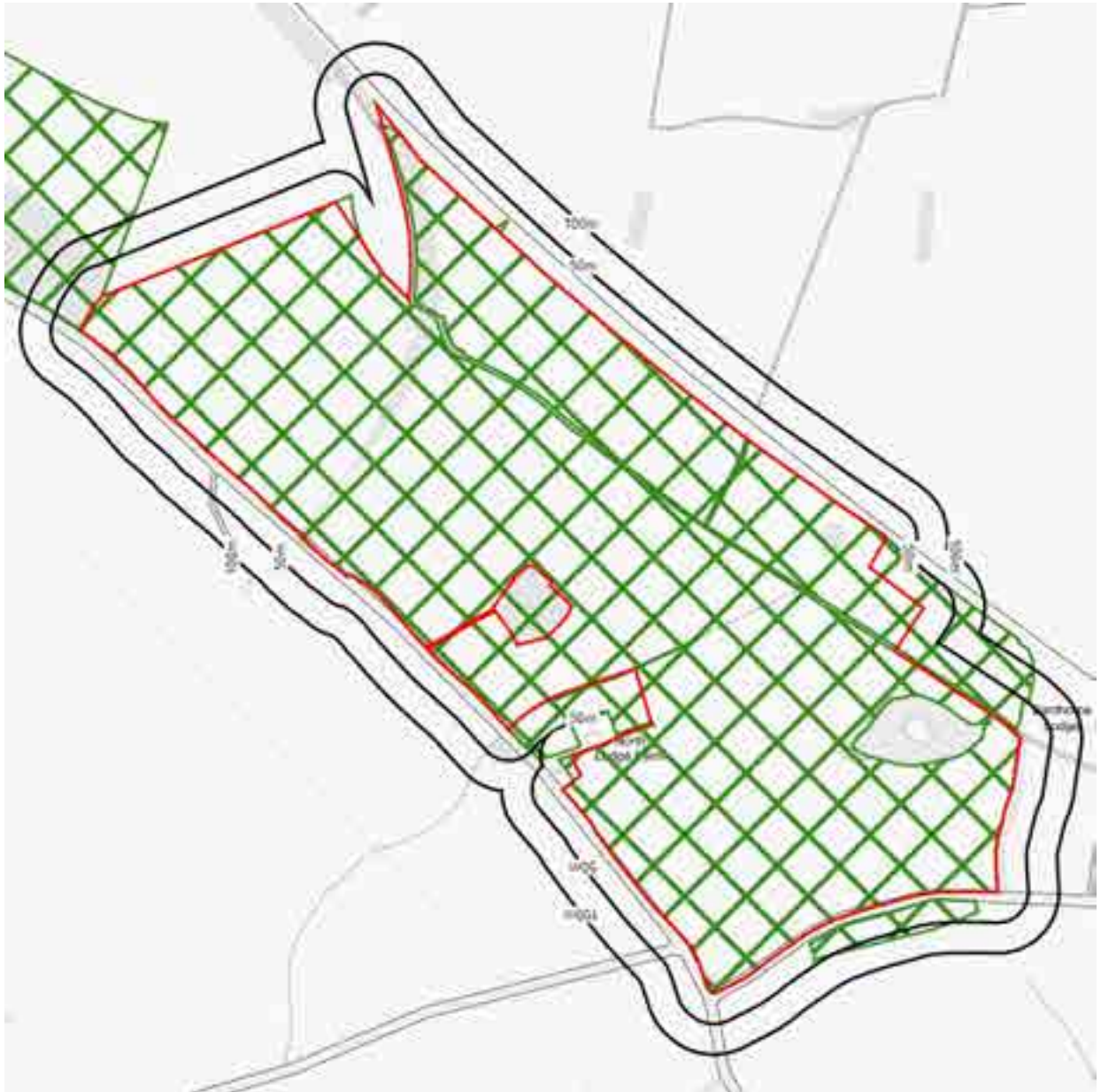
Sites of interest

Listed buildings	On-site	1-250m	251-500m
Listed Buildings*	0	0	N/A
Ancient woodland	On-site	1-250m	251-500m
Ancient Woodland*	0	0	N/A
Scheduled monuments	On-site	1-250m	251-500m
Scheduled Monuments*	0	0	N/A







*dataset searched to 100m



Environmental Stewardship Schemes

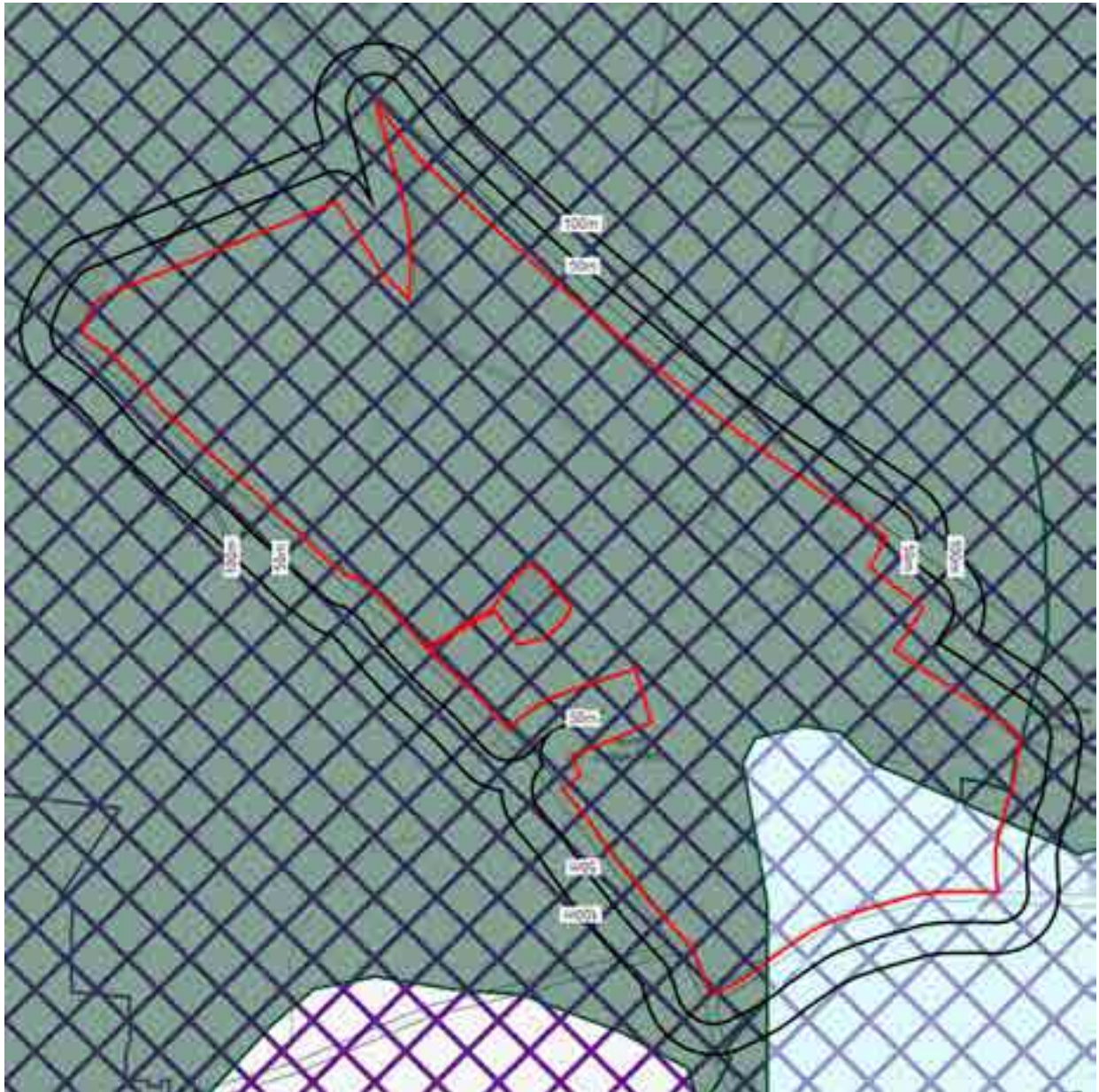


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- | | |
|---|---|
|  Site |  Entry Level plus Higher Level |
|  Entry Level |  Higher Level |
|  Organic Entry Level |  Organic Entry Level plus Higher Level |



Agricultural Land Classifications



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Site	Grade 3a	Non Agricultural
Nitrate Vulnerable Zones	Grade 3b	Urban
Grade 1	Grade 4	Not Surveyed
Grade 2	Grade 5	Other
Grade 3		



Countryside Stewardship Schemes



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Site



High Tier Element



Middle Tier Element



Hedges and Boundaries



Implementation Plan



Woodland Creation Grant




Agricultural Considerations: Land Classifications Map

Open access land



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 Site

 Open access land



Agricultural Considerations: Land Classifications

Environmental Stewardship Schemes

Environmental Stewardship Scheme Agreements

Details	Distance	Direction	Contact
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	0m	N	6
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	12m	SE	6

Agricultural Land Classifications

Nitrate Vulnerable Zones

Details	Distance	Direction	Contact
Reserve Name: Lincolnshire Limestone Area size: 1417504770.86 Designation code: Groundwater Designation date: Provider: Environment Agency Provider reference: G69	0m	N	4
Reserve Name: Glen Nvz Area size: 367284582.88 Designation code: Surface Water Designation date: Provider: Environment Agency Provider reference: S378	0m	N	4

Provisional Agricultural Land Classifications

Details	Distance	Direction	Contact
Land Classification: Grade 2 Area size: 8533501.6 Provider: Natural England Provider reference: 1044	0m	SE	6
Land Classification: Grade 3 Area size: 114333822.35 Provider: Natural England Provider reference: 1045	0m	N	6



Agricultural Considerations: Land Classifications

Details	Distance	Direction	Contact
Land Classification: Grade 3 Area size: 71392239.78 Provider: Natural England Provider reference: 1030	0m	SE	6
Land Classification: Grade 2 Area size: 313096950.3 Provider: Natural England Provider reference: 1029	0m	SE	6
Land Classification: Grade 3 Area size: 71392239.78 Provider: Natural England Provider reference: 1030	51m	S	6

Post 1988 Agricultural Land Classifications

No features identified.

Countryside Stewardship Schemes

Countryside Stewardship Scheme Management Areas

No features identified.

Open access land

Open Access Land

No features identified.



Agricultural Considerations: Sites of interest Map



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Site



Ancient woodland

● Listed Buildings

— Scheduled monuments



Agricultural Considerations: Sites of interest

Listed buildings

Listed Buildings

No features identified.

Ancient woodland

Ancient Woodland

No features identified.

Scheduled monuments

Scheduled Monuments

No features identified.

Ground Hazards & Coal Mining

Data Section



Ground Hazards & Coal Mining Data: This section contains information on natural and mining related hazards which may affect the Site. These includes subsidence, radon and mining. Hazards that may need further investigation are detailed here. This report is neither a guarantee of the physical condition of the subject Site nor a substitute for any physical investigation or inspection.

contents

Tabular Summary	This section gives an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. We display the number of records found in each database under the relevant heading. Where we have not been able to search a database, we will display the abbreviation N/A instead.
Coal Mining	This section is driven by the Site's proximity to Coalfield Consultation Areas.
Subsidence	This section uses several different datasets to assess the susceptibility of the Site to the subsidence
Natural and Mining Related Hazards	This section looks at non-coal mining hazards, including former mineral sites and landfill sites.
Radon	Both the likelihood of radon being an issue, and the requirement for radon protection measures.



Ground Hazards & Coal Mining: Tabular Summary

Coal Mining

Coal Mining	On-site	1-100m	101-250m
Coal Mining Subsidence Damage Claims*	0	0	N/A
Coalfield Consultation Areas	0	N/A	N/A

Subsidence

Insurance Claims from Subsidence	On-site	1-100m	101-250m
Postcode Unit Insurance Claims Rating - Subsidence	0	N/A	N/A

Natural Ground Instability	On-site	1-100m	101-250m
Natural Cavities	0	0	0
Potential for Landslide Ground Stability Hazards*	0	0	N/A
Potential for Ground Dissolution Stability Hazards*	0	0	N/A
Potential for Compressible Ground Stability Hazards*	2	0	N/A
Potential for Shrinking or Swelling Clay Ground Stability Hazards*	2	0	N/A
Potential for Running Sand Ground Stability Hazards*	0	0	N/A
Potential for Collapsible Ground Stability Hazards*	0	0	N/A

Natural and Mining Related Hazards

Former Mining	On-site	1-100m	101-250m
Potentially Contaminative Land Uses (1950-1980) from large scale historical mapping	2	N/A	N/A
Potentially Contaminative Land Uses (1855-1909) from large scale historical mapping*	0	0	N/A
Potentially Contaminative Land Uses (1893-1915) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Land Uses (1906-1937) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Land Uses (1924-1949) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	2	N/A	N/A
Man-Made Mining Cavities	0	0	0
BGS Recorded Mineral Sites	0	0	N/A
Mining Instability	0	N/A	N/A
Non Coal Mining Areas of Great Britain*	0	0	N/A
Potential Mining Areas	0	N/A	N/A



Ground Hazards & Coal Mining: Tabular Summary

Salt and Brine	On-site	1-100m	101-250m
Brine Compensation Area	0	N/A	N/A
Brine Pumping Related Features	0	N/A	N/A
Brine Subsidence Solution Area	0	N/A	N/A
Salt Mining Related Features	0	N/A	N/A
Landfill Sites and Infilled Land	On-site	1-100m	101-250m
Former Marshes	0	N/A	N/A
Potentially Infilled Land (Non-Water)	0	N/A	N/A
Potentially Infilled Land (Water)	1	N/A	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	0	N/A	N/A
BGS Recorded Landfill Sites	0	N/A	N/A
Permitted Waste Sites - Authorised Landfill Site Boundaries	0	N/A	N/A
Registered Landfill Sites	0	N/A	N/A
Local Authority Recorded Landfill Sites	0	N/A	N/A
Historic Landfill	0	N/A	N/A

Radon

Radon	On-site	1-100m	101-250m
Radon Potential	7	N/A	N/A

** dataset searched to 25m

* dataset searched to 50m



Ground Hazards & Coal Mining



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Site	Brine Subsidence Solution Area
Coalfield Consultation Area	Salt Mining Related Feature
Mining from Historical Maps	Infilled Land
Mining Cavities	Landfills
Other Mining	Natural Cavities
CBCSB Compensation District	Potential for Ground Stability Hazards - High
Brine Pumping Related Feature	Potential for Ground Stability Hazards - Moderate



Coal Mining

Coal Mining Subsidence Damage Claims

No features identified.

Coalfield Consultation Areas

No features identified.



Insurance Claims

Postcode Unit Insurance Claims Rating - Subsidence

No features identified.

Natural Ground Instability

Natural Cavities

No features identified.

Potential for Landslide Ground Stability Hazards

No features identified.

Potential for Ground Dissolution Stability Hazards

No features identified.

Potential for Compressible Ground Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Hazard Guidance: Avoid large differential loadings of ground. Do not drain or dewater ground near the property without technical advice.</p>	0m	NW	5
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Hazard Guidance: Avoid large differential loadings of ground. Do not drain or dewater ground near the property without technical advice.</p>	0m	NE	5

Potential for Shrinking or Swelling Clay Ground Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Ground conditions predominantly high plasticity.</p> <p>Hazard Guidance: Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management.</p>	0m	E	5
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Ground conditions predominantly high plasticity.</p> <p>Hazard Guidance: Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management.</p>	0m	NW	5

Potential for Running Sand Ground Stability Hazards

No features identified.

Potential for Collapsible Ground Stability Hazards

No features identified.



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Former Mining

Potentially Contaminative Land Uses (1950-1980) from large scale historical mapping

Details	Distance	Direction	Contact
Industry Type: Extraction Description: Pit Map Published Date: 1975	0m	SE	1
Industry Type: Extraction Description: Pit Map Published Date: 1975	0m	SW	1

Potentially Contaminative Land Uses (1855-1909) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1893-1915) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1906-1937) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1924-1949) from large scale historical mapping

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

Details	Distance	Direction	Contact
Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SE	1
Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SW	1

Man-Made Mining Cavities

No features identified.

BGS Recorded Mineral Sites

No features identified.

Mining Instability

No features identified.

Non Coal Mining Areas of Great Britain

No features identified.

Potential Mining Areas

No features identified.



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Salt and Brine

Brine Compensation Area

No features identified.

Brine Pumping Related Features

No features identified.

Brine Subsidence Solution Area

No features identified.

Salt Mining Related Features

No features identified.

Landfill Sites and Infilled Land

Former Marshes

No features identified.

Potentially Infilled Land (Non-Water)

No features identified.

Potentially Infilled Land (Water)

Details	Distance	Direction	Contact
Details: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Map Published Date: 1905	0m	N	1

Potentially Contaminative Industrial Uses (Past Land Use)

No features identified.

BGS Recorded Landfill Sites

No features identified.

Permitted Waste Sites - Authorised Landfill Site Boundaries

No features identified.

Registered Landfill Sites

No features identified.

Local Authority Recorded Landfill Sites

No features identified.

Historic Landfill

No features identified.



Ground Hazards & Coal Mining: Radon

Radon

Radon Potential

Details	Distance	Direction	Contact
Radon Affected Area: Yes Radon Protection Measure Required: None The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).	0m	N	5
Radon Affected Area: Yes Radon Protection Measure Required: None The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Basic The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Basic The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level).	0m	NW	5

Energy & Infrastructure

Data Section



Energy & Infrastructure Data: This section details the data used as part of our Energy and Infrastructure analysis. Each key area has the data mapped with the detail outlined beneath.

contents

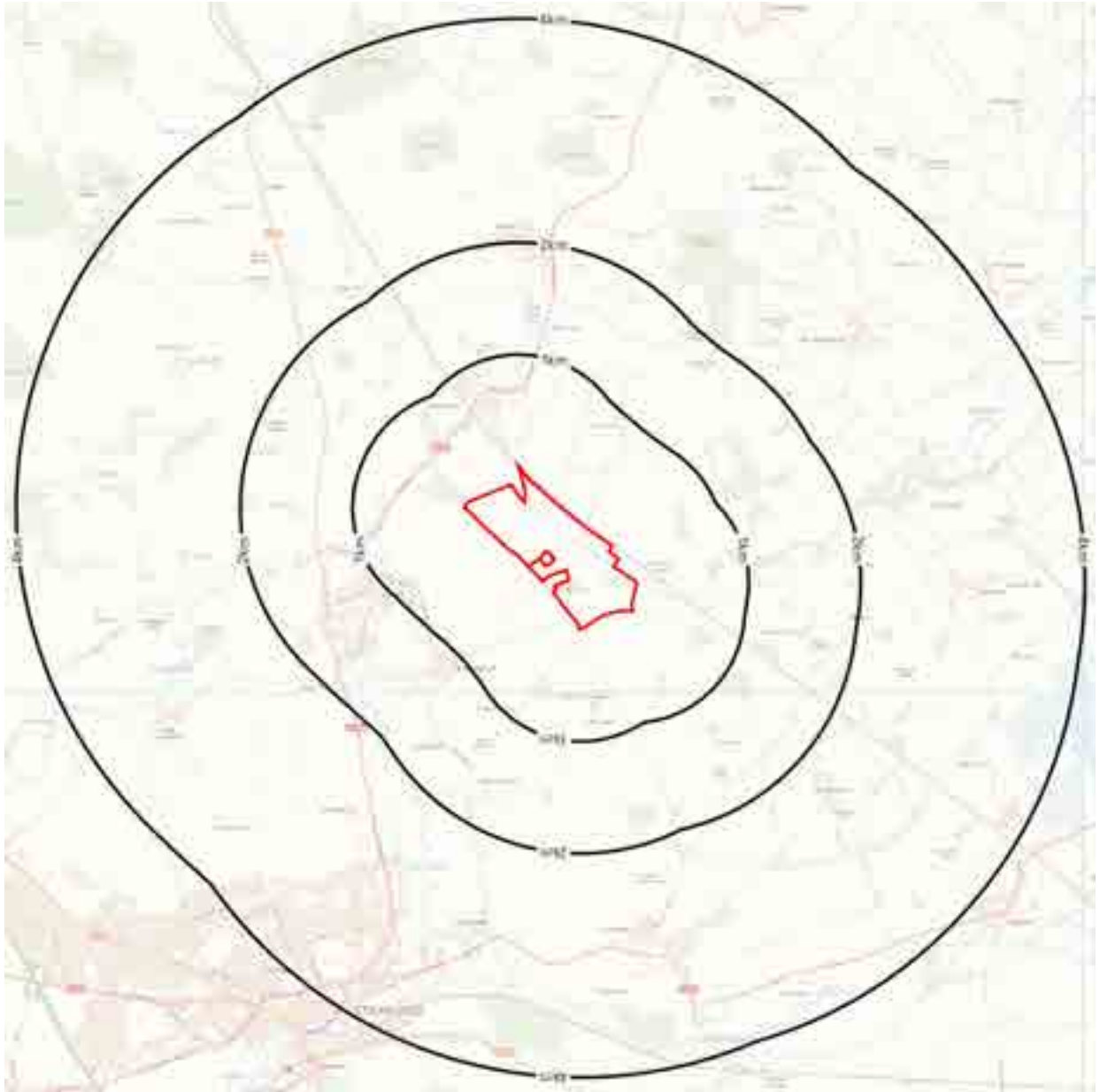
Tabular Summary	Provides an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 4km. We display the number of records found in under the relevant heading. Where we have not been able to find data, we will display the abbreviation N/A instead.
Oil and Gas Exploration	Licences or drilling facilities with 4km of the Site. Onshore oil and gas exploration and production licences relate to areas of land (blocks). The presence of one or more of these licences does not mean that exploration or production will definitely happen.
Wind Energy	Operational or planned wind farms or turbines within 4km of the Site. Includes wind projects in the UK Wind Energy Database and locations of individual wind turbines and planning applications for wind turbines with an output of 1MW.
Solar Energy Facilities	Operational and proposed solar farms within 2km of the Site. The data provides the name of the operating company, the generating capacity, and the farm's operational status.
Other Renewable Energy	Renewable power sources with an output of 1MW within 2km of the Site. These power sources are: Small / Large Hydroelectric; Shoreline Wave; Tidal Barrage / Stream; Biomass; Co-firing; Anaerobic/ Sewage Digestion; Hot Dry Rocks; Landfill Gas; Energy from Waste (EfW) Incineration; and Advanced Conversion Technology.
High Speed 2 (HS2)	HS2 track sections, stations, safeguarding limits homeowner zones and extended homeowner protection zones within 4km of the Site. This report comments on both phases using current available information.
Crossrail	Crossrail 1 and 2 track sections, stations and safeguarding limits within 2km of the Site. Crossrail (CR1) is a rail project stretching from Reading and Heathrow in the west, to Shenfield and Abbeywood in the east. Crossrail 2 (CR2) is a new (proposed) railway, linking the national rail networks in and around Surrey and Hertfordshire via an underground tunnel through London.
Railways	Above and below ground railways within 250m of the Site, including trams and light rail.
Pipelines	The Southampton to London Pipeline route within 250m of the Site.



Energy & Infrastructure: Tabular Summary

Energy And Infrastructure

Oil and Gas Explorations	On-site	1-250m	251-500m
Licensed Areas for Onshore Energy Exploration and Production	0	0	N/A
Licensed Wells for Energy Exploration	0	0	N/A
Offered Blocks for Onshore Energy Exploration and Production	0	0	N/A
Wind Energy	On-site	1-250m	251-500m
Wind Farms	0	0	N/A
Wind Turbines	0	0	N/A
Renewable Energy Planning Database	0	0	N/A
Solar Energy	On-site	1-250m	251-500m
Renewable Energy Planning Database	0	N/A	N/A
Other Renewable	On-site	1-250m	251-500m
Renewable Energy Planning Database	0	N/A	N/A
High Speed 2	On-site	1-250m	251-500m
HS2 - Track	0	N/A	N/A
HS2 - Stations	0	N/A	N/A
HS2 - Safeguarding Limits	0	N/A	N/A
HS2 - Payment Zones	0	N/A	N/A
Crossrail 1	On-site	1-250m	251-500m
Crossrail - Safeguarding Limits	0	N/A	N/A
Crossrail - Stations	0	N/A	N/A
Crossrail - Track	0	N/A	N/A
Crossrail 2	On-site	1-250m	251-500m
Crossrail 2 - Track	0	N/A	N/A
Crossrail 2 - Stations	0	N/A	N/A
Crossrail 2 - Safeguarding Limits	0	N/A	N/A
Above and below ground railways	On-site	1-250m	251-500m
Railed Transport - Tracks	2	9	N/A
Railed Transport - Stations and Stops	0	0	N/A
Southampton to London Pipeline	On-site	1-250m	251-500m
Southampton to London Pipeline Development	0	0	N/A



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Site



OGA Offered Exploration Blocks



Wind Farms



Planning Apps - Wind Energy



Planning Apps - Other Renewable Energy



OGA Licensed Exploration Blocks



Drilling Locations



Wind Turbines



Planning Apps - Solar Farms



Southampton to London pipeline



Oil and Gas Exploration

Licensed Areas for Onshore Energy Exploration and Production

No features identified.

Offered Blocks for Onshore Energy Exploration and Production

No features identified.

Licensed Wells for Energy Exploration

No features identified.

Wind Energy

Wind Farms

No features identified.

Wind Turbines

No features identified.

Renewable Energy Planning Database

No features identified.

Solar Energy Facilities

Renewable Energy Planning Database

No features identified.

Other Renewable Energy

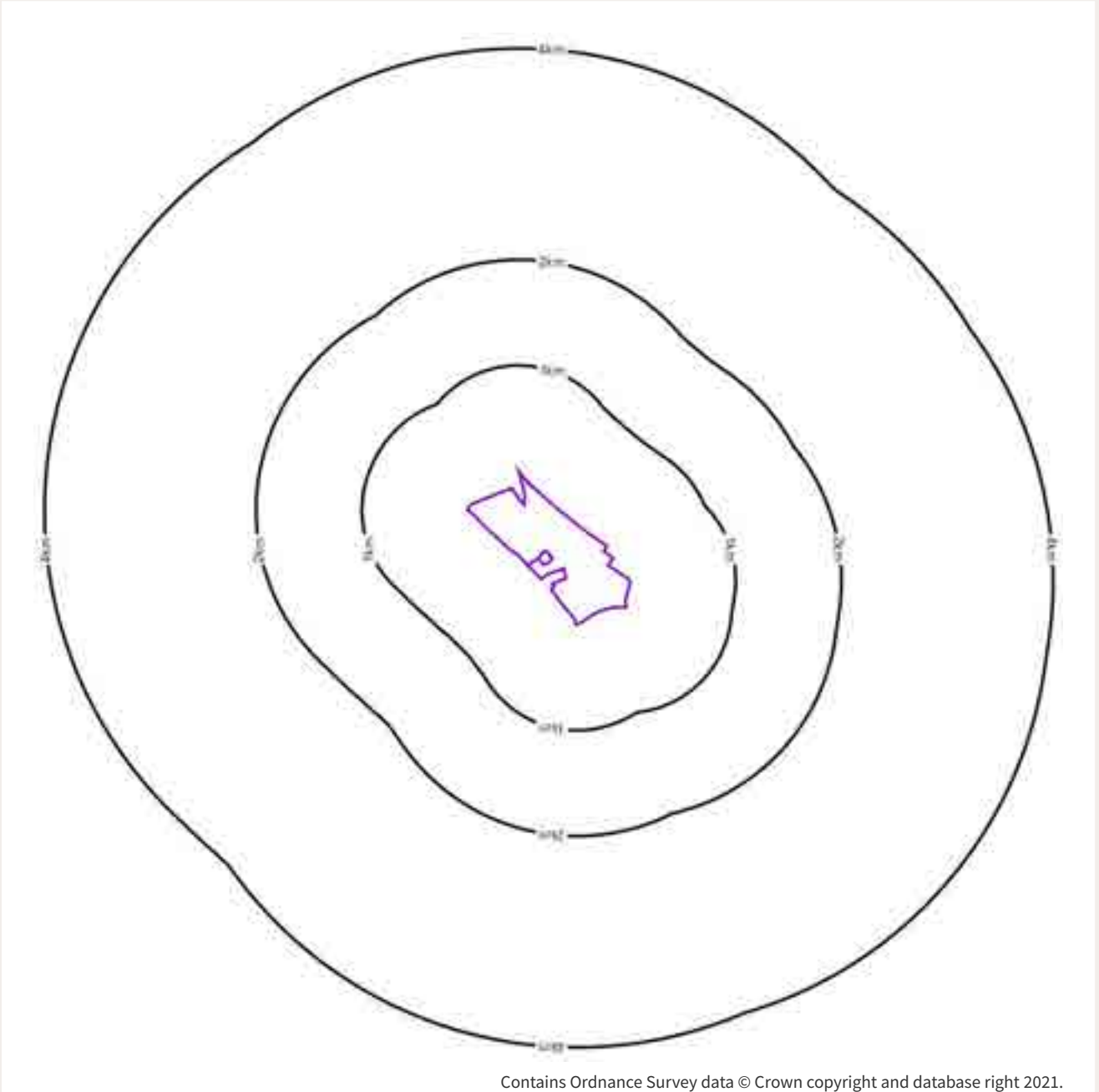
Renewable Energy Planning Database

No features identified.

Southampton to London pipeline

Southampton to London Pipeline Development

No features identified.



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- | | |
|-----------------------------------|--|
| Site | HS2 – Track |
| Crossrail 1 – Track | HS2 – Station |
| Crossrail 1 – Station | HS2 – Safeguarding Limits |
| Crossrail 1 – Safeguarding Limits | HS2 – Homeowner Payment Zone 1 |
| Crossrail 2 – Track | HS2 – Homeowner Payment Zone 2 |
| Crossrail 2 – Station | HS2 – Homeowner Payment Zone 3 |
| Crossrail 2 – Safeguarding Limits | HS2 – Rural Support Zone |
| | HS2 – Extended Homeowner Protection Zone |



High Speed 2

HS2 - Track

No features identified.

HS2 - Stations

No features identified.

HS2 - Safeguarding Limits

No features identified.

HS2 - Payment Zones

No features identified.

Crossrail 1

Crossrail - Track

No features identified.

Crossrail - Stations

No features identified.

Crossrail - Safeguarding Limits

No features identified.

Crossrail 2

Crossrail 2 - Track

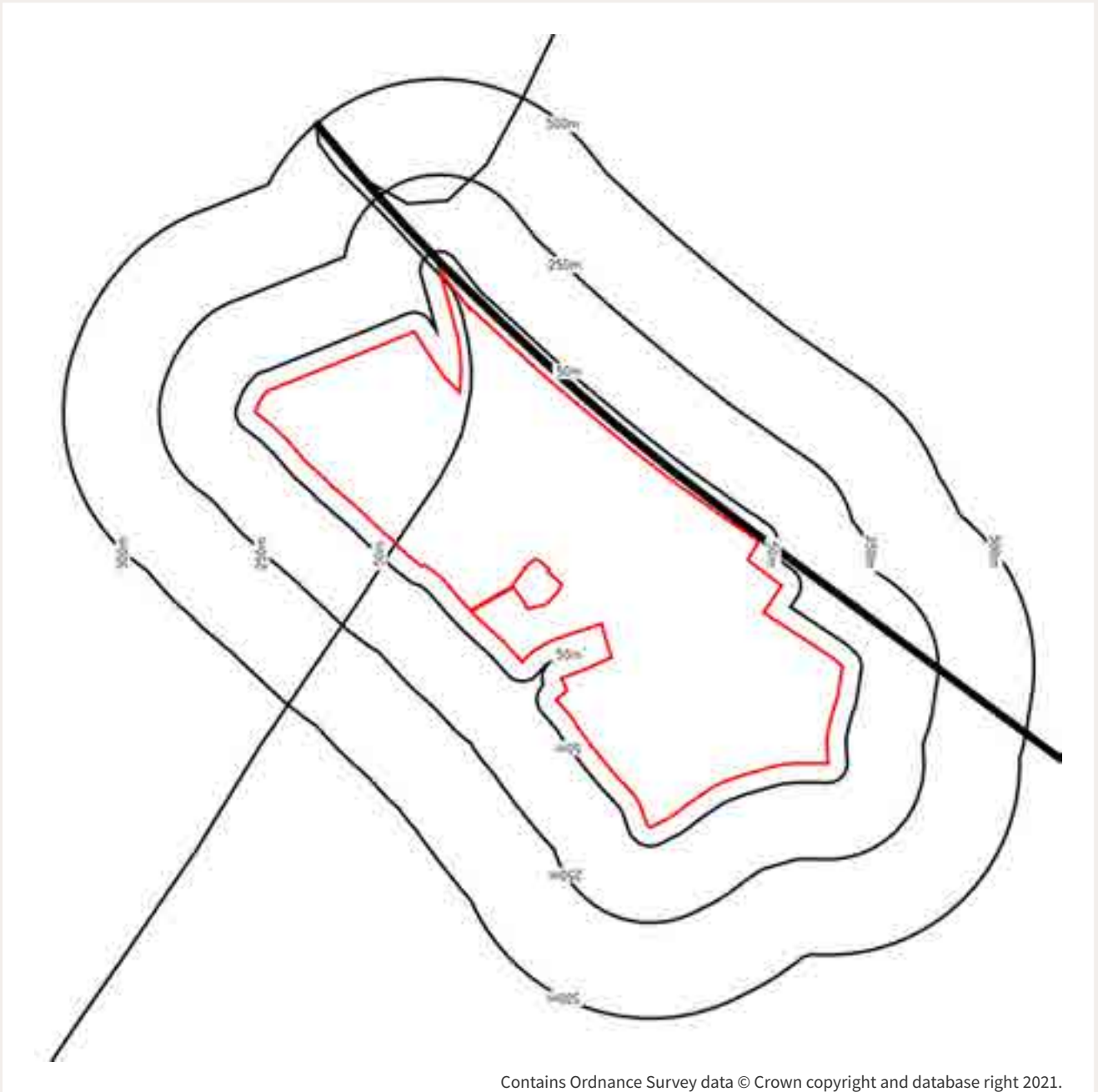
No features identified.

Crossrail 2 - Stations

No features identified.

Crossrail 2 - Safeguarding Limits

No features identified.



Site



Railway - Station

Track

Underground Track



Above and below ground railways

Railed Transport - Tracks

Details	Distance	Direction	Contact
Network Name: Not Supplied Tunnel: Unknown Status: Inactive Railway Route: Not Supplied Reference Number: way/166428488, way/27652912	0m	NW	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/305687234	6m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687233	10m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/2162114	15m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687235	19m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/228012357	136m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/228014711, way/38156608	140m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/228013027	142m	E	1
Network Name: Bourne and Essendine Railway (dismantled) Tunnel: Unknown Status: Inactive Railway Route: Not Supplied Reference Number: way/166476897	181m	N	1

Railed Transport - Stations and Stops

No features identified.

Site Solutions Farm

About this report



Site Solutions Farm Limitations

Site Solutions Farm reports help you and your clients make informed property decisions. Our reports are 'desktop' assessments, written and quality checked by our team of expert consultants. We carry out the work in our Brighton office using data, maps and our expertise. We do not carry out a physical inspection of the property nor do we contact any regulator. This means that we cannot guarantee that we will have identified all issues of concern.

In the Data Section of the report we list the data sources that we have used. Most of these data sets come from third party sources such as the Environment Agency. We cannot guarantee the accuracy of this data and are not responsible for any inaccuracies in third party data.

All **Site Solutions** reports are covered by our terms and conditions, a copy of which is available on our website, www.argyllenvironmental.com. If you need any further information please contact us on 0330 036 6115.




Contaminated Land Risk Analysis Methodology

For this section of the report we assess the condition of the land. We see whether the land could be 'Contaminated Land' under the relevant legislation. This section of the report meets the requirements for an independent site report. This is the recommendation of the Law Society Practice Note on Contaminated Land.

The main legislation is Part 2A of the Environmental Protection Act 1990. We also assess whether similar requirements could arise under the Water Resources Act 1991. The Contaminated Land legislation asks whether a 'plausible contaminant-pathway-receptor relationship' exists. If we identify a relationship, then our consultants will assess the potential significance. We define Liabilities as the potential for remedial works under Part 2A of the Environmental Protection Act 1990 and/or the Water Resources Act 1991.

If the Site is to have a change of use, then we also consider relevant requirements under the Planning Regime. It may be that the level of contamination will only become an issue if the Site is to be redeveloped. An example of this is when former industrial land is redeveloped for housing. If the Site is to be redeveloped then it could also include remedial works required under the planning regime. These remedial works may be the responsibility of the Site owner or occupier.

We will issue one of the following Liability statements, in line with Defra's recommended four stage test.

Assessment	Liability Statement	Defra Category
PASSED 	Within the scope of this assessment no Liabilities have been identified. No further action is required.	3 or 4
PASSED – PRUDENT ACTION 	Within the scope of this assessment no Liabilities have been identified. However, your attention is drawn to the prudent action suggested below.	3 or 4
FURTHER ACTION 	We have identified potential soil and/or groundwater liabilities. To quantify these we recommend you undertake the action outlined below.	Potentially 1 or 2






Flood Risk Analysis Methodology

For this section of the report, we assess the risk of flooding at the Site. A Consultant will analyse the data within the report, and take into account factors such as source of flooding, extent, and which part of the Site is at risk (is it operationally sensitive).

Three key areas are addressed:

- the overall risk of flooding (taking into account defences)
- how flood risk affects the availability of insurance
- how flood risk affects the potential to redevelop

We report the overall risk in a summary statement, with the three outcomes listed below:

Assessment	Risk Statement
PASSED 	<p>Negligible, Low & Low-Moderate Risk: The Site is not considered to be at significant risk of flooding. No further action is deemed necessary.</p> <p>Recommendations: Some simple advice may be provided.</p> <p>Insurability: Insurance should be readily available.</p>
PASSED – PRUDENT ACTION 	<p>Moderate Risk: Data indicates some risk exists to the Site and its occupants. However, this is expected to be associated with an ‘extreme’ event.</p> <p>Recommendations: Practical advice will be provided. This may be to obtain further information or to write a flood preparation plan.</p> <p>Insurance: In most cases insurance should be readily available.</p>
FURTHER ACTION 	<p>Moderate to High and High: This report reveals a significant risk of flooding which should be addressed.</p> <p>Recommendations: Further assessment is recommended to clarify the risk of flooding at the Site. This will inform whether flood protection measures should be installed.</p> <p>Insurance: Insurance may not be available without a higher premium or excess.</p>

The flood risk gauges provide an analysis of each of the four main types of flooding: river, coastal, groundwater and surface water. A fifth gauge provides analysis of ‘other factors’. This includes historical floods, proximity to water features and elevation above both of these features. The purpose of this gauge is to account for risk that is not tied to modelled data.

Environment Agency defences protect large areas of England and Wales from river and coastal flooding. Our analysis of flood risk from these sources takes defences into account. Where defences are present we will report both defended and undefended risk to present the full risk profile. However, our overall assessment and recommendations will be based on the defended risk.

In Scotland, we do not have access to data from the Scottish Environmental Protection Agency (SEPA). As a result, we are unable to take into account defences. Consequently, in Scotland our assessment is always based on the undefended risk.

An Argyll Consultant will write Site-specific commentary to summarise the risk. The purpose of this is to explain the drivers of the risk, and where possible, the extent and impact. This will be a non-technical account, explaining our assessment in simple terms. Our Consultants generate the risk assessment using several sources. This means the gauges in the front of the report will supersede any risk reported in the data section. We also consider the implications of flood risk under the National Planning Policy Framework (NPPF). We always provide a view on whether a Flood Risk Assessment would be required if development is proposed. Where the client lets us know that the Site is to be redeveloped, we provide recommendations on the most appropriate next step.



Useful Contacts

Please see below the contact details of the suppliers referred to within this report. For all queries please contact:

Argyll Environmental Ltd
1st Floor
98-99 Queens Road
Brighton
BN1 3XF

If you require assistance please contact our customer services team on:

0330 036 6115

Or by email at:

orders@argyllenviro.com

Contact	Name	Address	Contact Details
	Public Health England	Centre for Radiation Chemical and Environmental Hazards Chilton Didcot Oxon OX11 0RQ	T: 01235 822622 F: 01235 833891 E: radon@phe.gov.uk W: www.ukradon.org
1	Landmark Information Group Limited	Imperium Imperial Way Reading Berkshire RG2 0TD	T: 0844 844 9966 E: helpdesk@landmark.co.uk W: www.landmark.co.uk
2	Ordnance Survey	Adanac Drive Southampton Hampshire SO16 0AS	T: 03456 05 05 05 E: customerservices@ordnancesurvey.co.uk W: www.ordnancesurvey.gov.uk
3	Environment Agency, National Customer Contact Centre (NCCC)	PO Box 544 Templeborough Rotherham S60 1BY	T: 03708 506 506 E: enquiries@environment-agency.gov.uk
4	Environment Agency, Head Office	Rio House Waterside Drive Aztec West, Almondsbury Bristol Avon BS32 4UD	T: 01454 624400



Useful Contacts

Contact	Name	Address	Contact Details
5	British Geological Survey, Enquiry Service	British Geological Survey Environmental Science Centre Keyworth Nottingham Nottinghamshire NG12 5GG	T: 0115 936 3143 E: enquiries@bgs.ac.uk W: www.bgs.ac.uk
6	Natural England	County Hall Spetchley Road Worcester WR5 2NP	T: 0300 060 3900 E: enquiries@naturalengland.org.uk W: www.naturalengland.org.uk

Please note that if you choose to contact any of the above organisations, they may have a charging policy in place for enquiries.



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British Geological Survey





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This search has been produced by Argyll Environmental Ltd, 1st Floor, 98 - 99 Queens Road, Brighton, BN1 3XF.

Tel: 03300 366 115

Email: orders@argyllenviro.com

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- The standards can be seen here: <http://www.conveyinfoexec.com>

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Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPO.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Website: www.tpos.co.uk

Email: admin@tpos.co.uk



Argyll Environmental Complaints Procedure

If you want to make a complaint to Argyll Environmental, we will:

- Acknowledge it within 5 working days of receipt
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Legal Director
Argyll Environmental Ltd
1st Floor
98 - 99 Queens Road
Brighton
BN1 3XF

Tel: 03300 366 115

Email: orders@argyllenviro.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs):

Tel: 01722 333306,

Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.



LAND AT NORTH LODGE FARM, , GREATFORD, STAMFORD

Report Prepared for: Search Acumen

Report Reference: 287321850

Client Reference: 472867.5/SC16/KS13_ESF

Date: 4 November 2021



Contaminated Land **PASSED – PRUDENT ACTION**

Executive Summary | SEE PAGE 1

[CLICK HERE](#)

Consultant Commentary | SEE PAGE 6

[CLICK HERE](#)



Flood Risk **FURTHER ACTION**

Executive Summary | SEE PAGE 1

[CLICK HERE](#)

Consultant Commentary | SEE PAGE 8

[CLICK HERE](#)



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Agricultural Considerations **IDENTIFIED**

Executive Summary | SEE PAGE 2

[CLICK HERE](#)

Detail | SEE PAGE 48

[CLICK HERE](#)

Ground Hazards & Coal Mining **IDENTIFIED**

Executive Summary | SEE PAGE 3

[CLICK HERE](#)

Detail | SEE PAGE 58

[CLICK HERE](#)

Energy & Infrastructure **IDENTIFIED**

Executive Summary | SEE PAGE 4

[CLICK HERE](#)

Detail | SEE PAGE 67

[CLICK HERE](#)



Authored by:

Tom Leckey BSc (Hons), PIEMA, FRGS

t: 0330 036 6115 **e:** Tom.Leckey@landmark.co.uk



Contaminated Land

SEE PAGE 6 OR

[CLICK HERE](#)

PASSED – PRUDENT ACTION



Liability Assessment

Within the scope of this assessment no Liabilities have been identified. However, it would be prudent to consider our recommendations below.



Argyll's Recommendations

Watching Brief (Price on Application)

Risk: Railways were formally located on the farm, which may have caused some contamination. Given the assumed low sensitivity of the redevelopment there is no need for significant investigation. But, the Local Authority may require you identify unexpected contamination during the development through a method such as a watching brief.

Action: A watching brief involves an appointed person/consultant taking photos and reporting on groundworks. The report is then submitted to the Local Authority. We would be happy to confirm with the Planning Authority that this approach is acceptable.



Flood Risk

SEE PAGE 8 OR

[CLICK HERE](#)

FURTHER ACTION



Consultant's Summary

We have identified a significant risk of flooding. We recommend you undertake the action outlined below.



Insurance

Insurance terms may not easily be available without a high premium or excess.



Recommendations

Flood Risk Assessment (FRA) (from £950.00 + VAT)

Risk: The Site is situated within a flood zone 3 and is over 1 hectare.

Action: As development is planned a Flood Risk Assessment (FRA) will be required to support the planning application. It must demonstrate how to manage flood risk so the development will remain safe throughout its lifetime; and will need to be submitted to the Local Authority for approval.

Standard Enquiries

- Ask the seller whether flooding has occurred in the area before. If it has, please contact us for advice.
- Establish the availability of buildings and contents insurance before exchanging contracts.



Agricultural Considerations

SEE PAGE 48 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified agricultural considerations that may be of relevance to the Site.

Nitrate Vulnerable Zones

The farm lies within a Nitrate Vulnerable Zone. Nitrate Vulnerable Zones are areas designated as being at risk from agricultural nitrate pollution. There are certain requirements that should be followed when you use fertilisers and store organic manure.

For further guidance, please see the following link <https://www.gov.uk/government/collections/nitrate-vulnerable-zones>

Environmental Stewardship Schemes

The farm is located within a Entry Level Plus Higher Level Scheme. The Environmental Stewardship Scheme aims to secure widespread environmental benefits (including improved water quality and reduced soil erosion) through financial incentives.

Make enquiries with the land owner or Natural England for further information.

Agricultural Land Classifications

The farm is classified as Grade 2 and Grade 3. The classification system is broken down into categories according to the extent to which physical or chemical characteristics (such as climatic conditions and soil chemistry) cause limitations on food production.

Make enquiries with the land owner or Natural England for further information.

Historical rights of way

There may be historic rights of way on the farm. The Countryside and Rights of Way Act 2000 made provisions to complete the legal record of rights of way on a definitive map by 2026. Historic rights of way (those existing prior to 1949), that are not recorded on the definitive maps by 2026 will be lost. Projects are underway to re-instate historic rights of way.

Contact the Local Authority for further information.

Groundwater abstraction

We have identified an abstraction license at the farm. If this is for domestic use, while the abstraction does not present a risk in itself, it should be tested for potential pollutants, such as agrochemicals and fuel.

- Ask the vendor for the results of a recent test
- Contact the relevant Authority to ensure compliance with the permit
- Ensure ongoing testing inline with the abstraction license.



Ground Hazards & Coal Mining

SEE PAGE 58 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified ground hazards that may affect the site or nearby area.

Insurance Claims

Our search indicates that the Site is not within an area where Coal Mining Subsidence Damage Claims have been recorded.

Man Made Stability

A search of historical mapping indicates that the Site is located on an area of ground filled with unknown material.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.

Natural Ground Stability

Information provided by the BGS indicates that land in the area could be prone to compressibility and uneven settlement hazards. There is a moderate potential that problems could occur in the area.

Information from the BGS indicates that the ground in the area is prone to changing shape or volume, usually because of varying amounts of water in the ground throughout the year. This means that there is a moderate potential that problems could occur in the area.

Whether or not a Site is affected by ground movement can depend on a number of factors – including property age and type of construction.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.

Mining

Our search indicates that the Site is not within a Coalfield Consultation Area.

Historical maps indicate that the Site formed part of a mine or quarry. The Site is located on land that was used as Quarrying of sand & clay, operation of sand & gravel pits, Quarrying of sand & clay, operation of sand & gravel pits, Extraction and Extraction.

We recommend that you consult a local RICS accredited surveyor to arrange the most suitable survey for the Site, to assess whether or not it is affected by ground stability issues.

If it has been built recently, contact Building Control at the Local Authority in order to check whether it was constructed to a standard that will minimise the risk of structural damage. Alternatively, the Site may benefit from building warranty through companies such as the NHBC.



Executive Summary

Radon

The Site is in a higher probability radon area, as between 10 to 30% of homes are estimated to be at or above the action level. As such, the Site has the potential to be affected by Radon. However, this does not necessarily mean that the Site is located on an area of high radon or that there is cause for concern.

As such, basic radon protective measures are necessary in the construction of new dwellings or extensions. Basic protective measures comprise a radon barrier laid across the footprint of the building.

As such, full radon protective measures are necessary in the construction of new dwellings or extensions. Full protective measures comprise a radon barrier laid across the footprint of the building, and provision for subfloor extraction or ventilation.

We recommend you follow Public Health England advice that homes in affected areas should be tested. For further information please contact the Public Health England (see Contacts section) or go to www.ukradon.org



Energy & Infrastructure

SEE PAGE 67 OR [CLICK HERE](#)

IDENTIFIED



Professional Opinion and Recommendations

We have identified projects that may affect the Site or nearby area. These projects could result in visual impact or noise to the neighborhood. They could also affect nearby property values; this could be a negative affect or a positive one. For instance, being near a new rail link may boost values in the local area.

The Site is within 250m of above or below ground railways or trams. You may wish to visit the Site to understand any possible effect.



Report Scope

Report Prepared on: **LAND AT NORTH LODGE FARM, , GREATFORD, STAMFORD**

Current Use: **Agricultural**

Proposed Use: **Agricultural**

Transaction Type: **Assumed purchase**

Site Area (m²): **870362.26**

National Grid Reference: **505320 311280**



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Contaminated Land Consultant Commentary



On-site Sources

LOW TO MODERATE

A review of historical maps dating from 1886 shows the following potentially contaminative land uses on the Site: railways c.1886-1959, quarried land c.1975.

According to current mapping and aerial photography the farm is occupied by arable land and grassland, with a pond in the east and former railway land in the west. No buildings are located on the farm. Redevelopment is proposed for agricultural use.

Off-site Sources

LOW TO MODERATE

A review of historical maps dating from 1886 shows the following potentially contaminative uses within 100m of the farm: the wider extent of the railways, and additional railways adjacent north c.1886-2021.

According to current mapping and aerial photography the farm is surrounded by arable land and grassland, with farmyards and woodland located in the wider area. Railways border the north.

We have identified the following permits in proximity to the Site:

- A Discharge Consent operated by Tarmac Roadstone Ltd (East Midlands). This relates to the discharge of Trade Effluent to Freshwater Stream/River 1m east.

Pathways and Receptors

HIGH

The general area appears to be in agricultural use, with residential properties located adjacent.

The superficial hydrogeology underlying the Site is classified as Secondary Aquifer - A and Secondary Aquifer - Undifferentiated. The bedrock hydrogeology is classified as Principal Aquifer, Secondary Aquifer - A, Secondary Aquifer - B and Unproductive Strata.

The Site does not lie within a groundwater Source Protection Zone (SPZ).

There are four non-potable abstraction licences located within 100m, including three on-Site for agricultural use, comprising stream abstraction in the south-east, groundwater abstraction in the south, and a surface water abstraction in the north-west.

There are no potable abstraction licences within 500m.

Numerous drains, ponds and the West Glen River are located on the Site.

Finally, no designated eco-receptors were identified within a 500m radius of the Site.

Contaminated Land Consultant Commentary



Additional Sources of Information

No additional sources of information have been used.

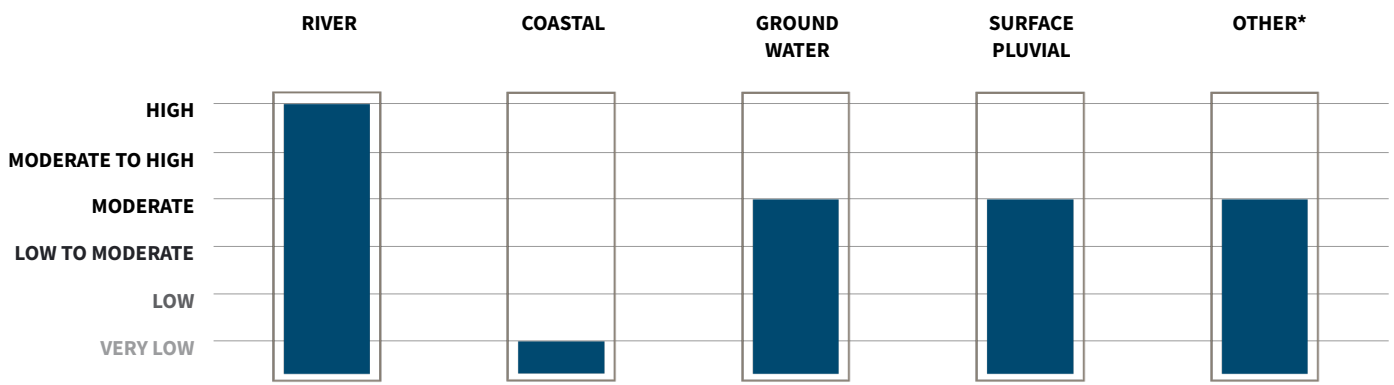
Flood Risk

Consultant Commentary



Flood Analysis

Would a Flood Risk Assessment be required if development is proposed?	YES (Full)
What is the risk of flooding in an undefended scenario or assuming defences fail?	HIGH
Are there existing flood defences within 500m of the Site?	YES
What is the risk of flooding when these defences are operational?	HIGH



* Other factors influencing flood risk include flood storage areas, historical floods, and proximity to water features.

Argyll's Comment

River	As the West Glen River is located on the Site the Site is at a high risk of flooding. Although defences are located in the wider area, the Site remains at a high risk. This indicates the defences are not providing adequate protection.
Coastal	No commentary required.
Groundwater	The Site is located within an area that is at some risk of groundwater flooding. A rising water table could exceed the surface during extreme storm events. This will be more of a problem if the proposed development is to incorporate basements.
Surface Water	Data indicates that depths from surface water may range between 0.3-1m during a flood event. However, this relates to a pond and small areas across the Site. As a result, this is not representative of the overall risk. A larger area is at risk of flooding up to 0.3m, therefore risk is moderate.
Other Factors	As well as the West Glen River, numerous drainage channels are located on the Site. These may pose a risk during extreme storm events or in the event of a blockage.

Contaminated Land

Data Section



Contaminated Land Data: This section details the data used as part of our Contaminated Land Risk analysis. Each key dataset is mapped with the detail outlined beneath. We only show section headers beyond the tabular summary where we have found data to report. The relevant data has been reviewed by the report writer, supplemented by a review of historical mapping.

contents

Tabular Summary	This section gives an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. The search distances vary based on the scale of the activity and regulatory guidance. We display the number of records found in each database under the relevant heading. Where we have not searched a database, we will display the abbreviation N/A instead.
Authorised Industrial Processes	This section shows current and licensed activities relevant to contaminated land and environmental controls from a range of regulatory bodies. The search distances vary based on the scale of the activity.
Incidents and Enforcements	This section shows pollution incidents, licence enforcements and prosecutions. It also includes Contaminated Land Register Entries and Notices.
Landfill and Waste sites	This section presents detailed information on waste and landfill sites for the Site and surrounding area.
Current Land Use	This section shows contemporary trade directories and fuel stations. This information is indicative of operations at the Site and surrounding area, and may also relate to inactive or former land uses.
Historical Land Use	This section presents selected information on historical land use for the Site and surrounding area. The data shows historical land use information collected from 1:10,000 scale mapping, and for tanks and energy facilities 1:2,500 scale mapping. This includes polygon and point based land uses digitised by Landmark.
Groundwater Vulnerability	This section presents information relating to the aquifer designations beneath the Site. The aquifer designation of the Superficial and Bedrock geology are both mapped, followed by the detail. These aquifer designations are followed by information on the local geology. This information is considered in our Pathways and Receptors section.
Environmental Sensitivity	This section presents designated eco-receptors and sensitive area designations at the Site and in the surrounding area. This information is considered in our Pathways and Receptors section.



Contaminated Land: Tabular Summary

Authorised Industrial Processes

Authorisations	On-site	1-100m	101-250m
Local Authority Pollution Prevention and Controls	0	0	N/A
Local Authority Integrated Pollution Prevention And Control	0	0	N/A
Integrated Pollution Controls	0	0	N/A
Environmental Permitting Regulations - Industry	0	0	N/A
Radioactive Substances Register*	0	0	N/A
Discharges	On-site	1-100m	101-250m
Consented Discharges to Controlled Waters**	0	1	N/A
Referrals of Red List Discharges to Sewers (Corporate Entities)**	0	0	N/A
Hazardous Sites	On-site	1-100m	101-250m
Control of Major Accident Hazards Sites (COMAH)	0	0	0
Explosive Sites	0	0	0
Notification of Installations Handling Hazardous Substances (NIHHS)	0	0	0
Planning Hazardous Substance Consents	0	0	0

Incidents and Enforcements

Contraventions	On-site	1-100m	101-250m
Contaminated Land Register Entries and Notices	0	0	0
Local Authority Pollution Prevention and Control Enforcements	0	0	N/A
Enforcement and Prohibition Notices	0	0	N/A
Planning Hazardous Substance Enforcements	0	0	N/A
Environmental Pollution Incidents	0	0	N/A
Prosecutions (Post 2000)	0	0	N/A

Landfill and Waste Sites

Landfill and Waste	On-site	1-100m	101-250m
BGS Recorded Landfill Sites	0	0	0
Integrated Pollution Control Registered Waste Sites	0	0	0
Permitted Waste Sites - Authorised Landfill Site Boundaries	0	0	0
Environmental Permitting Regulations - Waste Sites	0	0	0
Local Authority Recorded Landfill Sites	0	0	0
Registered Landfill Sites	0	0	0
Registered Waste Transfer Sites	0	0	N/A
Registered Waste Treatment or Disposal Sites	0	0	N/A
Historic Landfill	0	0	0



Contaminated Land: Tabular Summary

Current Land Use

Current Potentially Contaminative Uses	On-site	1-100m	101-250m
Contemporary Trade Directory Entries**	0	0	N/A
Fuel Station Entries	0	0	N/A

Historical Land Use

Historical Potentially Contaminative Uses	On-site	1-100m	101-250m
Historical Tanks And Energy Facilities	0	0	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	3	2	N/A

Potentially Infilled Land	On-site	1-100m	101-250m
Former Marshes	0	0	N/A
Potentially Infilled Land (Non-Water)	0	0	N/A
Potentially Infilled Land (Water)	1	0	N/A

Groundwater Vulnerability

Hydrogeology	On-site	1-250m	251-500m
Superficial Aquifer Designations	Yes	N/A	N/A
Bedrock Aquifer Designations	Yes	N/A	N/A

Geology

Geology	On-site	1-250m	251-500m
BGS 1:50,000 Bedrock Geology	Yes	N/A	N/A
BGS 1:50,000 Superficial Deposits	Yes	N/A	N/A
BGS 1:50,000 Geological Mapping Coverage	Yes	N/A	N/A



Contaminated Land: Tabular Summary

Environmental Sensitivity

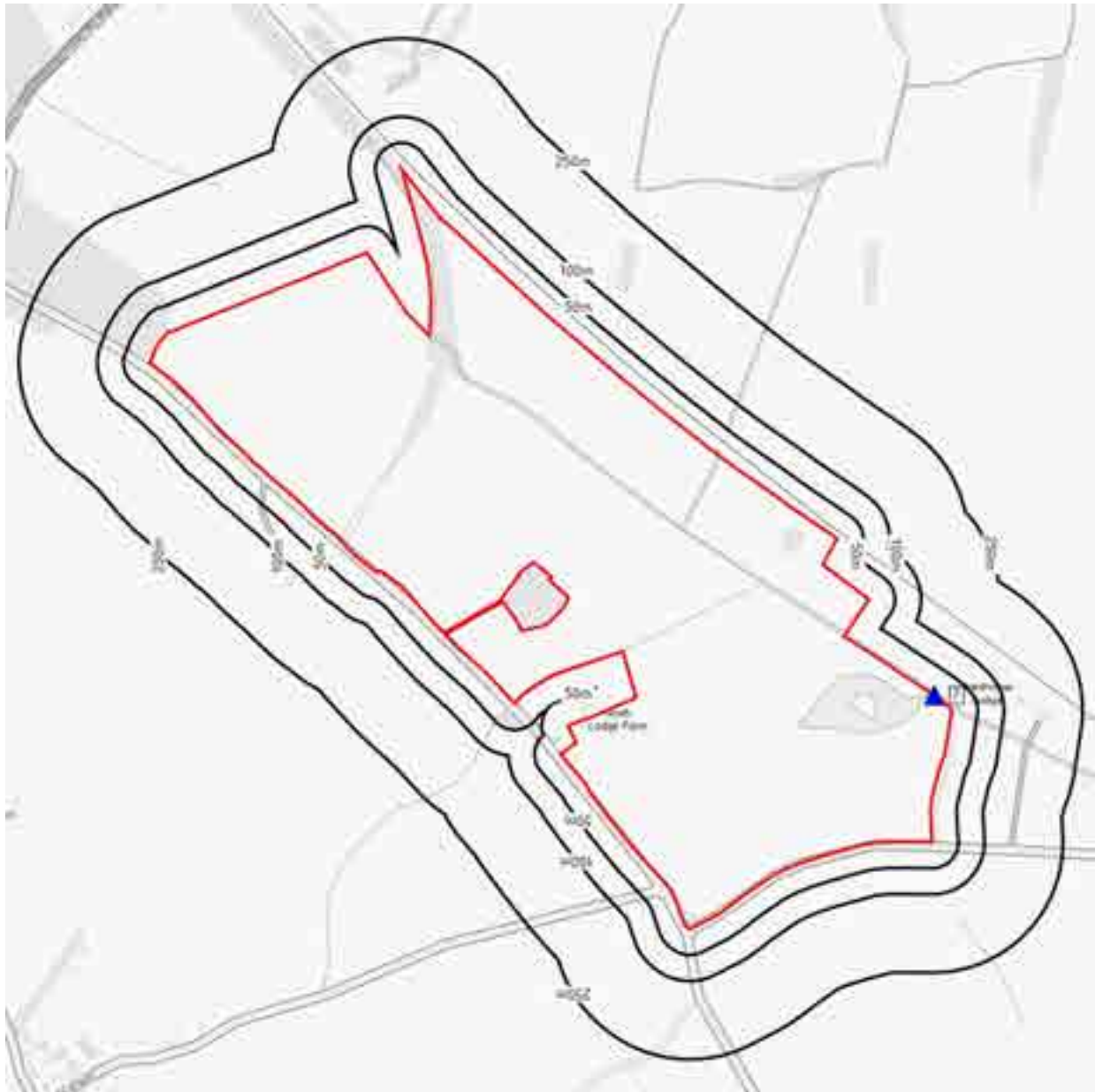
Environmental Sensitivity	On-site	1-250m	251-500m
Areas of Outstanding Natural Beauty	0	0	0
Environmentally Sensitive Areas	0	0	0
Forest Parks	0	0	0
Local Nature Reserves	0	0	0
Marine Conservation Zones	0	0	0
National Nature Reserves	0	0	0
National Parks	0	0	0
Ramsar Sites	0	0	0
Sites of Special Scientific Interest	0	0	0
Special Areas of Conservation	0	0	0
Special Protection Areas	0	0	0
Water Abstractions	3	1	0
Source Protection Zones	0	0	0

**dataset searched to 25m

*dataset searched to 50m



Contaminated Land: Authorised Industrial Processes



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- | | |
|---|---|
| Site | Consented Discharges to Controlled Waters |
| Multiple Features Present | Referrals of Red List Discharges to Sewers (Corporate Entities) |
| Local Authority Pollution Prevention and Controls | Control of Major Accident Hazards Sites (COMAH) |
| Local Authority Integrated Pollution Prevention And Control | Explosive Sites |
| Integrated Pollution Controls | Notification of Installations Handling Hazardous Substances (NIHHS) |
| Environmental Permitting Regulations - Industry | Planning Hazardous Substance Consents |
| Radioactive Substances Register | |



Authorisations

Local Authority Pollution Prevention and Controls

No features identified.

Local Authority Integrated Pollution Prevention And Control

No features identified.

Integrated Pollution Controls

No features identified.

Environmental Permitting Regulations - Industry

No features identified.

Radioactive Substances Register

No features identified.



Discharges

Consented Discharges to Controlled Waters

Map ID	Details	Distance	Direction	Contact
7	<p>Summary: Trade Discharge Date of Issue: 5th June 1986 Name: Tarmac Roadstone Ltd (East Midlands) Location: Essendine Sand And Gravel Pit Greatford Road, Essendine, Leics Discharge Type: Trade Effluent Property Type: Undefined Or Other Discharge Environment Type: Freshwater Stream/River Receiving Water: River West Glen Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989</p>	1m	E	3

Referrals of Red List Discharges to Sewers (Corporate Entities)

No features identified.



Hazardous Sites

Control of Major Accident Hazards Sites (COMAH)

No features identified.

Explosive Sites

No features identified.

Notification of Installations Handling Hazardous Substances (NIHHS)

No features identified.

Planning Hazardous Substance Consents









No features identified.



Contaminated Land: Incidents and Enforcements



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- | | |
|---|---|
|  Site |  Enforcement and Prohibition Notices |
|  Multiple Features Present |  Planning Hazardous Substance Enforcements |
|  Contaminated Land Register Entries and Notices |  Environmental Pollution Incidents |
|  Local Authority Pollution Prevention and Control Enforcements |  Prosecutions (Post 2000) |



Contaminated Land: Incidents and Enforcements

Contraventions

Contaminated Land Register Entries and Notices

No features identified.

Local Authority Pollution Prevention and Control Enforcements

No features identified.

Enforcement and Prohibition Notices

No features identified.

Planning Hazardous Substance Enforcements

No features identified.

Environmental Pollution Incidents

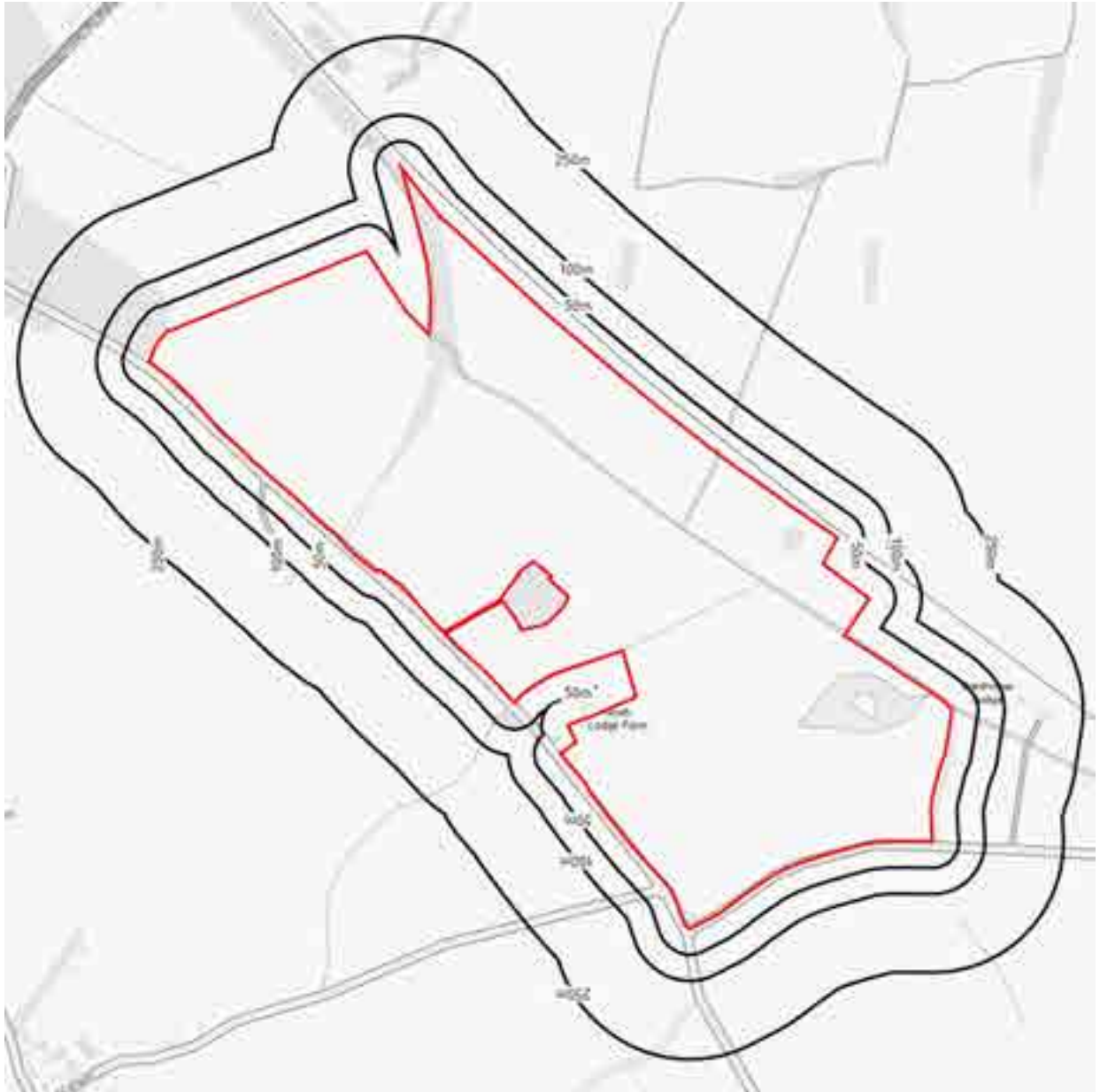
No features identified.

Prosecutions (Post 2000)

No features identified.



Contaminated Land: Landfill and Waste



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- | | | | | |
|--|---------------------------|--|--|--|
| | Site | | | Local Authority Recorded Landfill Sites |
| | Multiple Features Present | | | Registered Landfill Sites |
| | | | | Registered Waste Transfer Sites |
| | | | | Registered Waste Treatment or Disposal Sites |
| | | | | Historic Landfill |
| | | | | |
- BGS Recorded Landfill Sites
- Integrated Pollution Control Registered Waste Sites
- Permitted Waste Sites - Authorised Landfill Site Boundaries
- Environmental Permitting Regulations - Waste Sites



Landfill and Waste

BGS Recorded Landfill Sites

No features identified.

Integrated Pollution Control Registered Waste Sites

No features identified.

Permitted Waste Sites - Authorised Landfill Site Boundaries

No features identified.

Environmental Permitting Regulations - Waste Sites

No features identified.

Local Authority Recorded Landfill Sites

No features identified.

Registered Landfill Sites

No features identified.

Registered Waste Transfer Sites

No features identified.

Registered Waste Treatment or Disposal Sites

No features identified.

Historic Landfill

No features identified.





Contaminated Land: Current Land Uses



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 Site

 Multiple Features Present

 Contemporary Trade Directory Entries

 Fuel Station Entries



Contaminated Land: Current Land Uses

Current Potentially Contaminative Uses

Contemporary Trade Directory Entries

No features identified.

Fuel Station Entries








No features identified.



Contaminated Land: Historical Land Uses



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- | | | | |
|---|---|---|---------------------------------------|
|  | Site |  | Former Marshes |
|  | Multiple Features Present |  | Potentially Infilled Land (Non-Water) |
|  | Historical Tanks And Energy Facilities |  | Potentially Infilled Land (Water) |
|  | Potentially Contaminative Industrial Uses (Past Land Use) | | |



Contaminated Land: Historical Land Uses

Historical Potentially Contaminative Uses

Historical Tanks And Energy Facilities

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

Map ID	Details	Distance	Direction	Contact
1	Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SE	1
2	Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SW	1
3	Class: Railways Map Published Date: 1892-1958	0m	NW	1
5	Class: Railways Map Published Date: 1905-1958	7m	N	1
6	Class: Railways Map Published Date: 1892-1983	16m	NE	1



Contaminated Land: Historical Land Uses

Potentially Infilled Land

Former Marshes

No features identified.

Potentially Infilled Land (Non-Water)

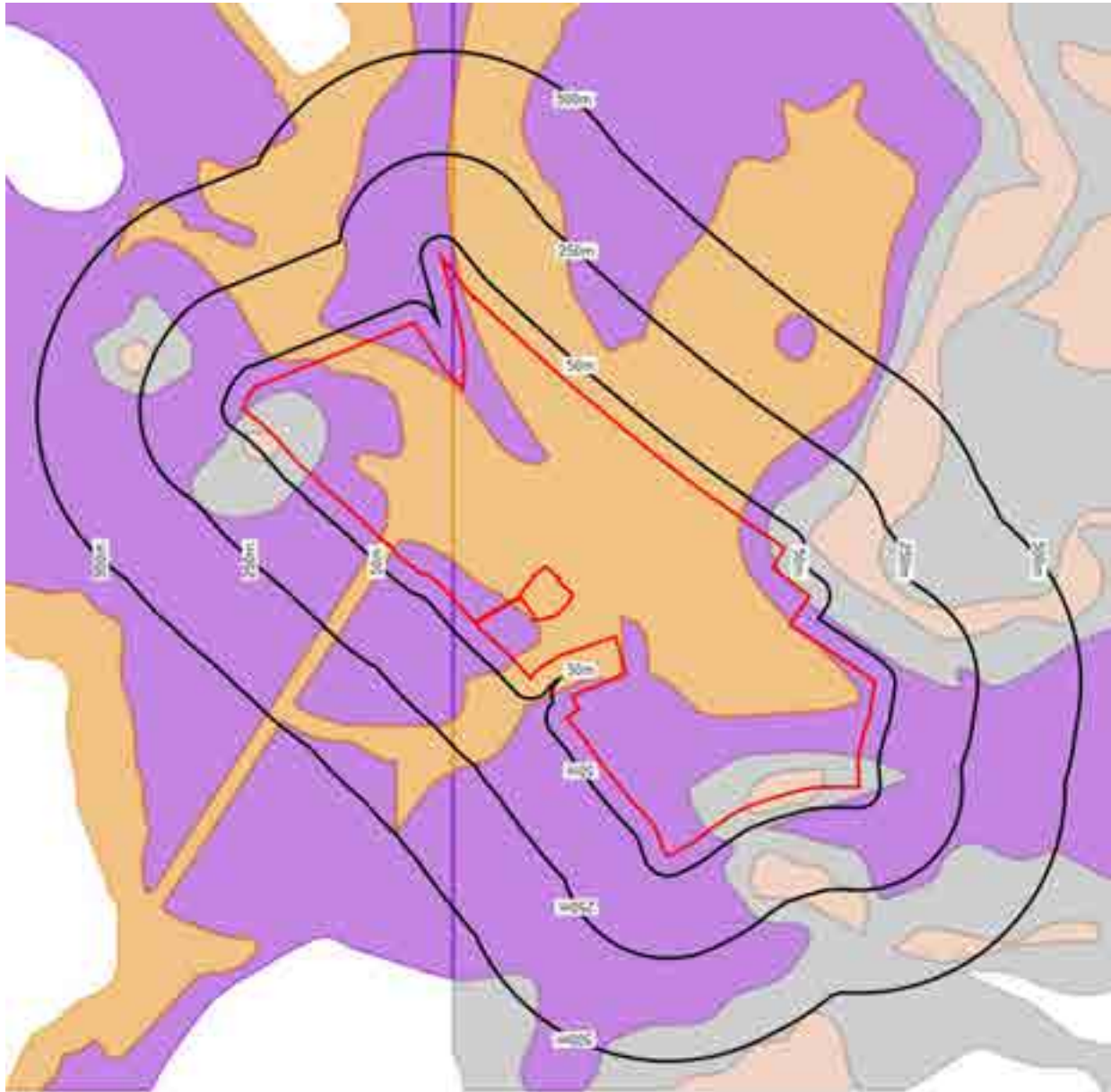
No features identified.

Potentially Infilled Land (Water)

Map ID	Details	Distance	Direction	Contact
4	Details: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Map Published Date: 1905	0m	N	1



Bedrock



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Site



Principal Aquifer



Secondary Aquifer A



Secondary Aquifer B



Secondary Aquifer Undifferentiated



Unproductive Strata



Unknown



Hydrogeology

Bedrock Aquifer Designations

Details	Distance	Direction	Contact
Aquifer Designation: Principal Aquifer	0m	W	4
Aquifer Designation: Unproductive Strata	0m	NW	4
Aquifer Designation: Secondary Aquifer - B	0m	W	4
Aquifer Designation: Secondary Aquifer - A	0m	W	4

Superficial Aquifer Designations

Details	Distance	Direction	Contact
Aquifer Designation: Secondary Aquifer - Undifferentiated	0m	W	4
Aquifer Designation: Secondary Aquifer - A	0m	N	4



Geology

BGS 1:50,000 Bedrock Geology

Details	Distance	Direction	Contact
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	W	5
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SW	5
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	NW	5
Lex Code: CB Rock Name: Cornbrash Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	W	5
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	SE	5
Lex Code: CB Rock Name: Cornbrash Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SE	5
Lex Code: RLD Rock Name: Rutland Formation Rock Type: Argillaceous Rocks with Subordinate Sandstone and Limestone Min Age: Not Supplied Max Age: Bajocian	0m	N	5
Lex Code: BWL Rock Name: Blisworth Limestone Formation Rock Type: Limestone Min Age: Not Supplied Max Age: Bathonian	0m	SE	5
Lex Code: ULL Rock Name: Upper Lincolnshire Limestone Member Rock Type: Limestone Min Age: Not Supplied Max Age: Bajocian	0m	NW	5



Contaminated Land: Geology

Details	Distance	Direction	Contact
Lex Code: BWC Rock Name: Blisworth Clay Formation Rock Type: Mudstone Min Age: Not Supplied Max Age: Bathonian	0m	E	5

BGS 1:50,000 Superficial Deposits

Details	Distance	Direction	Contact
Lex Code: ALV Rock Name: Alluvium Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Holocene	0m	NE	5
Lex Code: HEAD Rock Name: Head Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	S	5
Lex Code: HEAD Rock Name: Head Rock Type: Clay, Silt, Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	NE	5
Lex Code: RTD1 Rock Name: River Terrace Deposits, 1 Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	N	5
Lex Code: RTD1 Rock Name: River Terrace Deposits, 1 Rock Type: Sand and Gravel Min Age: Not Supplied Max Age: Quaternary	0m	N	5
Lex Code: TILMP Rock Name: Till, Mid Pleistocene Rock Type: Diamicton Min Age: Not Supplied Max Age: Cromerian	0m	SW	5

BGS 1:50,000 Geological Mapping Coverage

Details	Distance	Direction	Contact
Map Sheet No: 157 Map Name: Stamford Bedrock Geology: Available Superficial Geology: Available	0m	N	5



Contaminated Land: Environmental Sensitivity

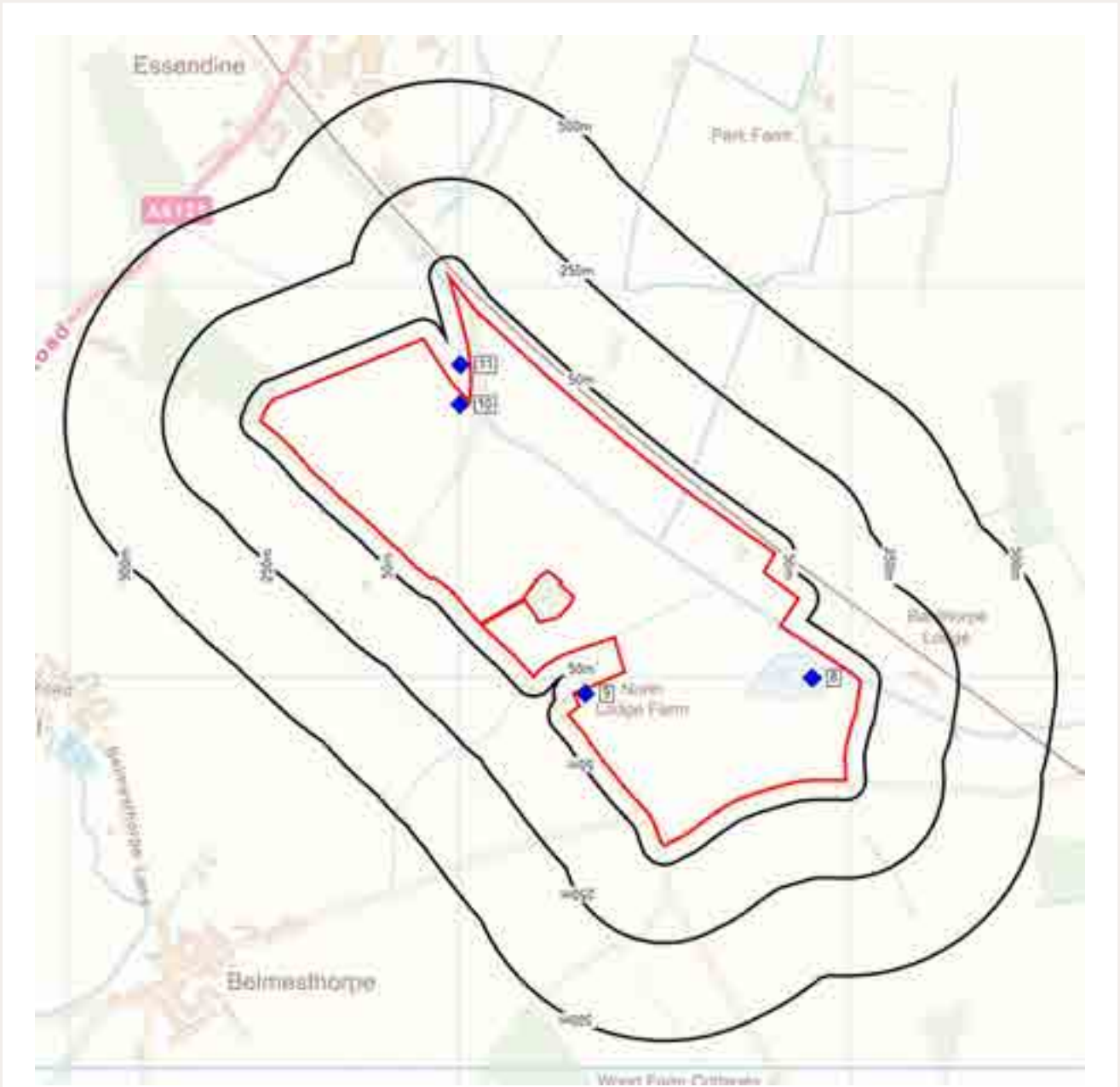


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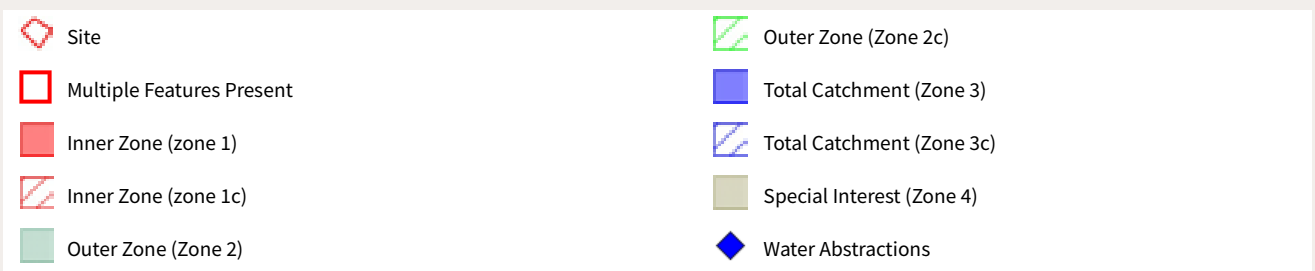
Site	Local Nature Reserves	RAMSAR Sites
Multiple Features Present	Marine Nature Reserves	Sites of Special Scientific Interest
Areas of Outstanding Natural Beauty	National Nature Reserves	Special Areas of Conservation
Environmentally Sensitive Areas	National Parks	Special Protection Areas
Forest Parks	National Scenic Areas	



Contaminated Land: Source Protection Zones



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Environmental Sensitivity

Areas of Outstanding Natural Beauty

No features identified.

Environmentally Sensitive Areas

No features identified.

Forest Parks

No features identified.

Local Nature Reserves

No features identified.

Marine Conservation Zones

No features identified.

National Nature Reserves

No features identified.

National Parks

No features identified.

Ramsar Sites

No features identified.

Sites of Special Scientific Interest

No features identified.

Special Areas of Conservation

No features identified.

Special Protection Areas

No features identified.

Water Abstractions

Map ID	Details	Distance	Direction	Contact
8	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	0m	SE	3
9	Abstraction Source: Groundwater Abstraction Type: Abstractions Agricultural Reference:	0m	S	3
10	Abstraction Source: Surface Abstraction Type: Abstractions Agricultural Reference:	0m	NW	3



Contaminated Land: Environmental Sensitivity

Map ID	Details	Distance	Direction	Contact
11	Abstraction Source: Stream Abstraction Type: Abstractions Agricultural Reference:	25m	NW	3

Source Protection Zones

No features identified.

Flood Risk

Data Section



Flood Risk Data: This section details the data used as part of our Flood Risk analysis. Each key source of flooding has the data mapped with the detail outlined beneath. All relevant data in this section has been reviewed by the report writer and taken into account in the overall analysis. As a result, the individual risks in the data below may vary from our overall opinion.

contents

Tabular Summary	This section gives an overview of the data at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. Where we have not been able to search a database, we will display the abbreviation N/A instead.
River and Coastal Flooding	The data used to form our river and coastal flood risk analysis includes: <ul style="list-style-type: none">• Flood Zones: Created for land-use planning, Flood Zones map the likelihood of flooding assuming no defences are present, fail or are over-topped. This data is presented as FZ1, FZ2 or FZ3.• Risk of Flooding from Rivers and Seas (RoFRS): Provides an indication of flood risk taking into account the presence of defences and the level of protection they offer.• Flood Defences: Recorded by the regulatory body, and includes defence type and standard of protection.• Areas Benefiting from Flood Defences: Areas defined as having protection of at least 1 in 100 for river and 1 in 200 for coastal.• Flood Storage Areas: Areas that store floodwater during flood events.
Surface Water Flooding	We present the risk of surface water flooding in three separate return periods: <ul style="list-style-type: none">• 1:75• 1:200• 1:1000 Each map will show the likely flood depth bandings within each of these return periods.
Groundwater Flooding	The data takes into account the two key mechanisms of groundwater flooding; clearwater and permeable superficial deposits.
Other Factors	This section accounts for risk that is not tied to modelled data. It includes historical floods, proximity to water features and elevation above both of these features.



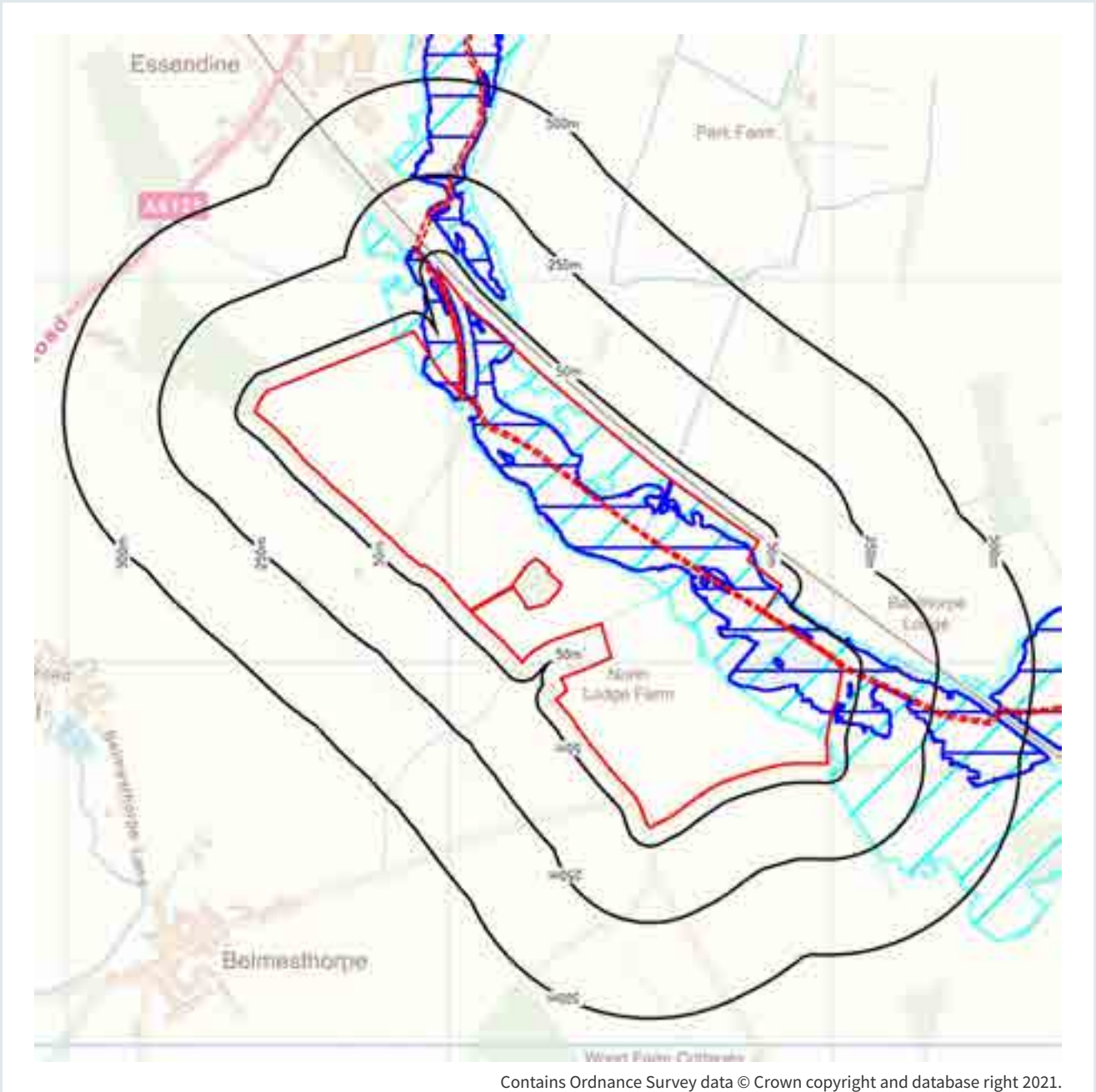
Flood Risk: Tabular Summary

Flooding

River and Coastal Flooding	On-site	1-250m	251-500m
Flooding from Rivers or Sea without Defences (Flood Zone 3)	Yes	Yes	No
Extreme Flooding from Rivers or Sea without Defences (Flood Zone 2)	Yes	Yes	No
Areas Benefitting from Flood Defences	No	No	No
Spatial Flood Defences (with attributes)	Yes	No	No
Risk of Flooding from Rivers and Sea (RoFRS)	Yes	Yes	Yes
Surface Water Flooding	On-site	1-250m	251-500m
JBA Pluvial 75 Depths	Yes	Yes	Yes
JBA Pluvial 200 Depths	Yes	Yes	Yes
JBA Pluvial 1000 Depths	Yes	Yes	Yes
Groundwater Flooding	On-site	1-250m	251-500m
Groundwater Flood Risk 5m	Yes	Yes	Yes
Other Factors	On-site	1-250m	251-500m
Flood Storage Areas	No	No	No
Recorded Flood Outlines	No	No	No
OS VectorMap District - Water Features	No	No	No
OS MasterMap Water Network	Yes	Yes	Yes





Flood Risk: River and Coastal (map 1)




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 Site

 Flood Zone 3

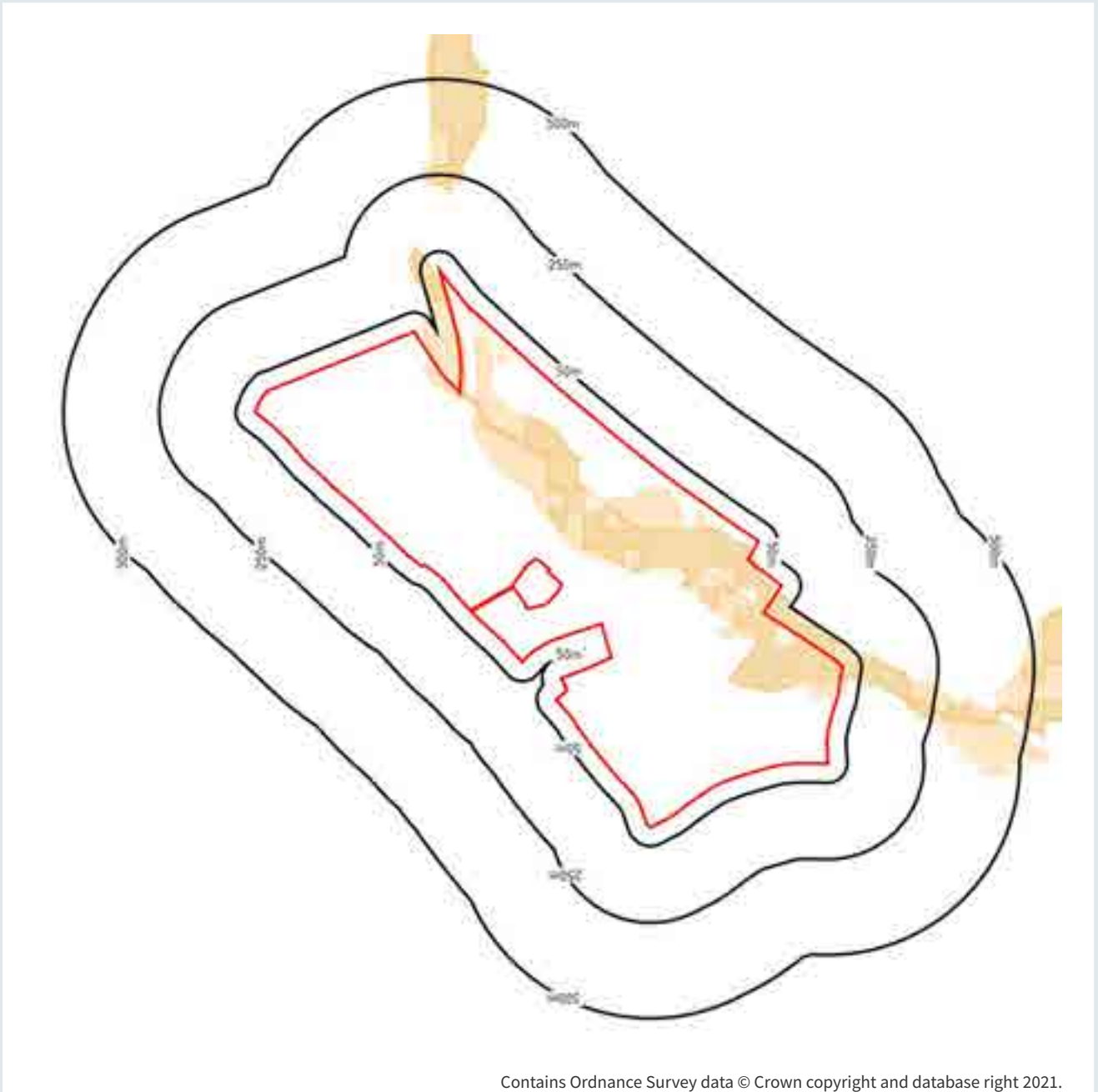
 Flood Defences

 Flood Zone 2

 Areas Benefiting from Flood Defences



Flood Risk: River and Coastal (map 2)



Site



RoFRS - Very Low



RoFRS - Low



RoFRS - Medium



RoFRS - High



Flood Risk: River and Coastal

Flooding from Rivers or Sea without Defences (Flood Zone 3)

Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Extreme Flooding from Rivers or Sea without Defences (Flood Zone 2)

Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Areas Benefitting from Flood Defences

No features identified.

Spatial Flood Defences (with attributes)

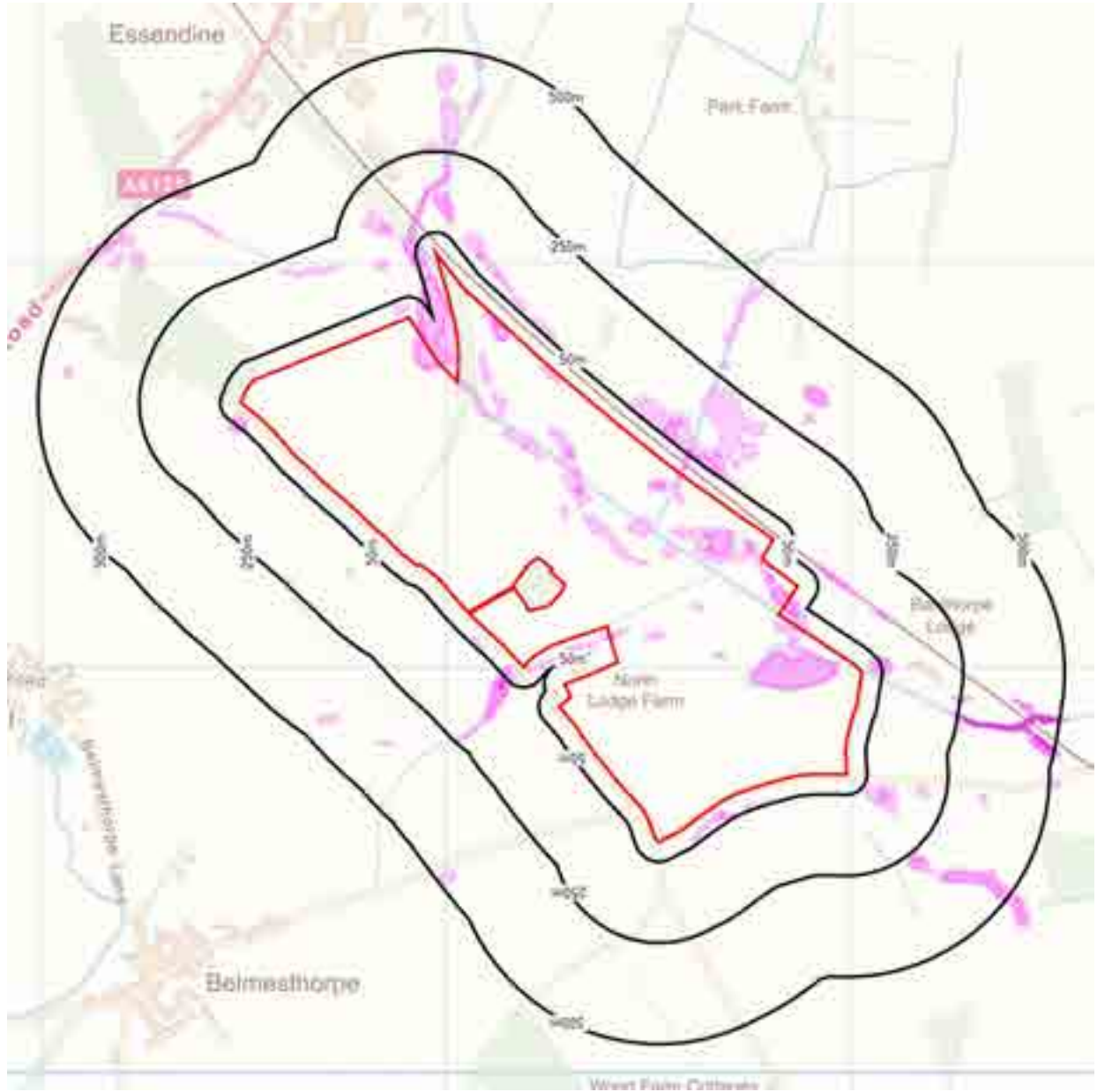
Details	Distance	Direction	Contact
Environment Agency	0m	NE	3

Risk of Flooding from Rivers and Sea (RoFRS)

Details	Distance	Direction	Contact
Risk: Medium	0m	E	3
Risk: Low	0m	E	3
Risk: High	0m	E	3





Flood Risk: Surface Water (1:75 year event)




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 Site

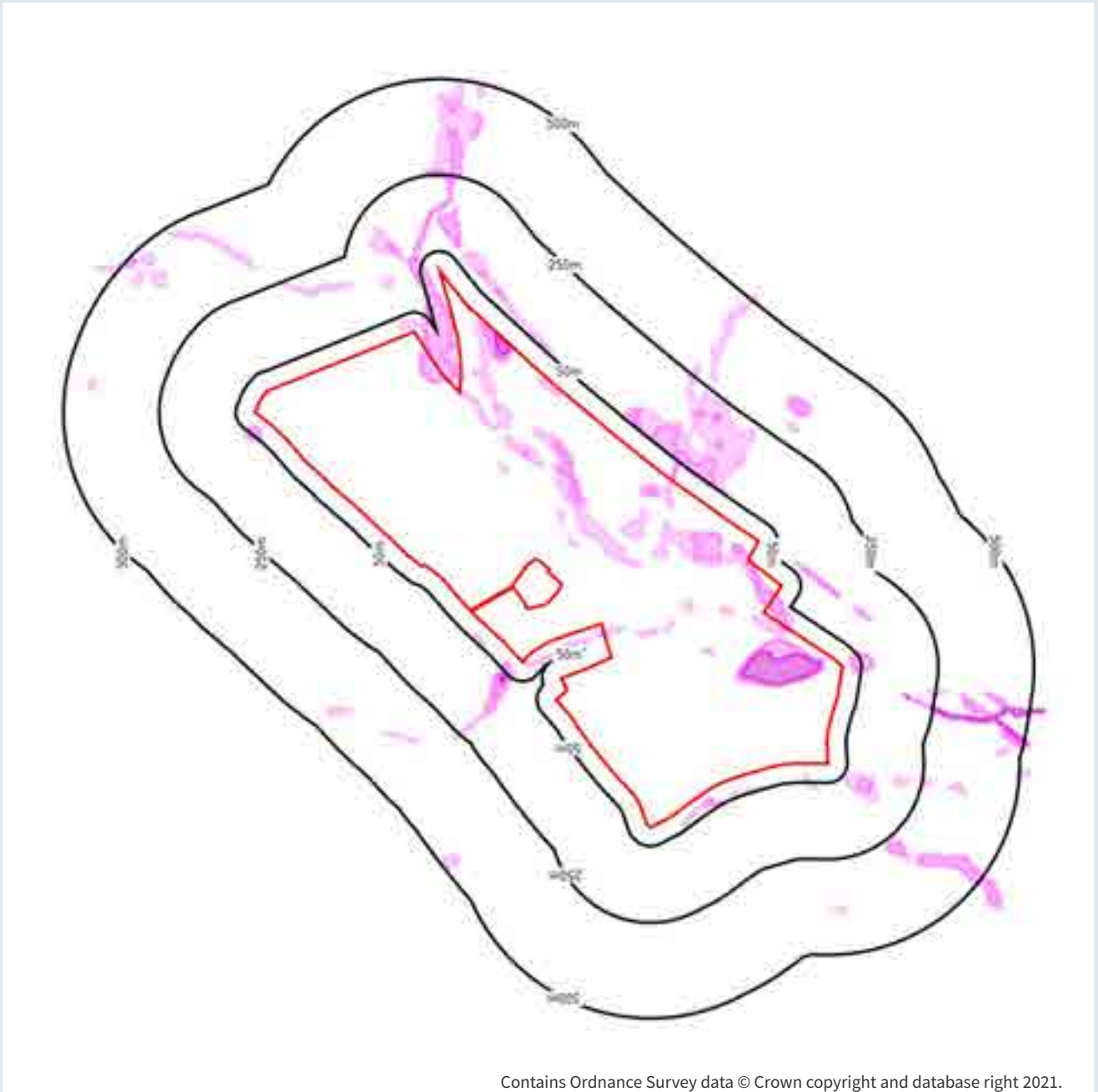
 10cm – 30cm depth

 30cm – 1m depth

 1m + depth



Flood Risk: Surface Water (1:200 year event)



Site

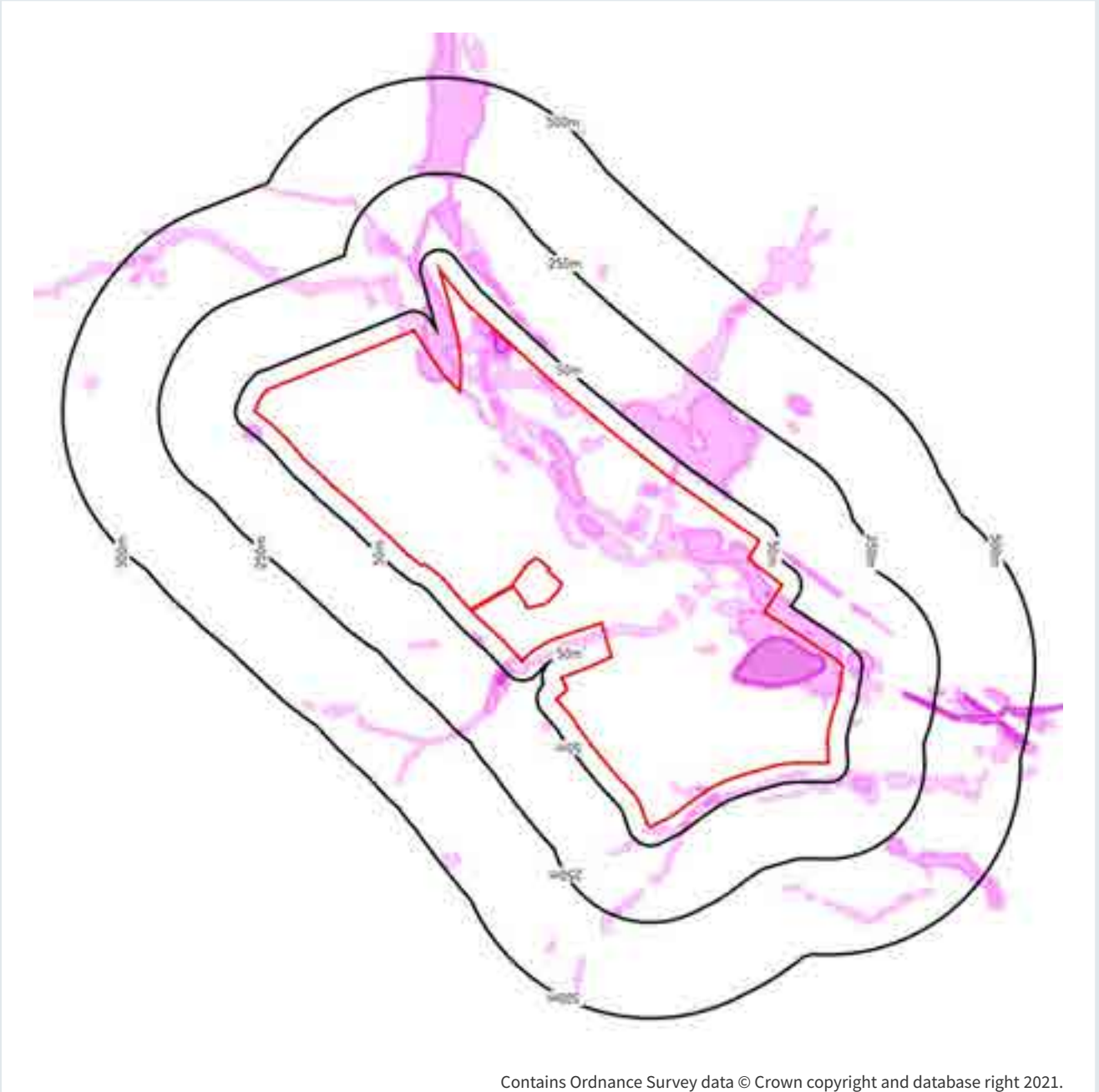
10cm - 30cm depth

30cm - 1m depth

1m + depth



Flood Risk: Surface Water (1:1000 year event)



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Site

10cm - 30cm depth

30cm - 1m depth

1m + depth



JBA Pluvial 75 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	NW	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	NW	1
Type: Greater than 1.0m	58m	SW	1

JBA Pluvial 200 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	N	1
Type: Greater than 1.0m	0m	N	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	N	1
Type: Equal to 0.1m	133m	SE	1

JBA Pluvial 1000 Depths

Details	Distance	Direction	Contact
Type: Greater than 0.1m and Less than or equal to 0.3m	0m	SE	1
Type: Greater than 0.3m and Less than or equal to 1.0m	0m	SE	1
Type: Greater than 1.0m	0m	SE	1

Flood data provided by JBA Risk Management Limited. © Copyright JBA Risk Management Limited 2008-2021



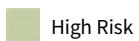
Flood Risk: Groundwater



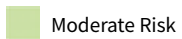
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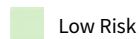
Site



High Risk



Moderate Risk



Low Risk



Negligible Risk

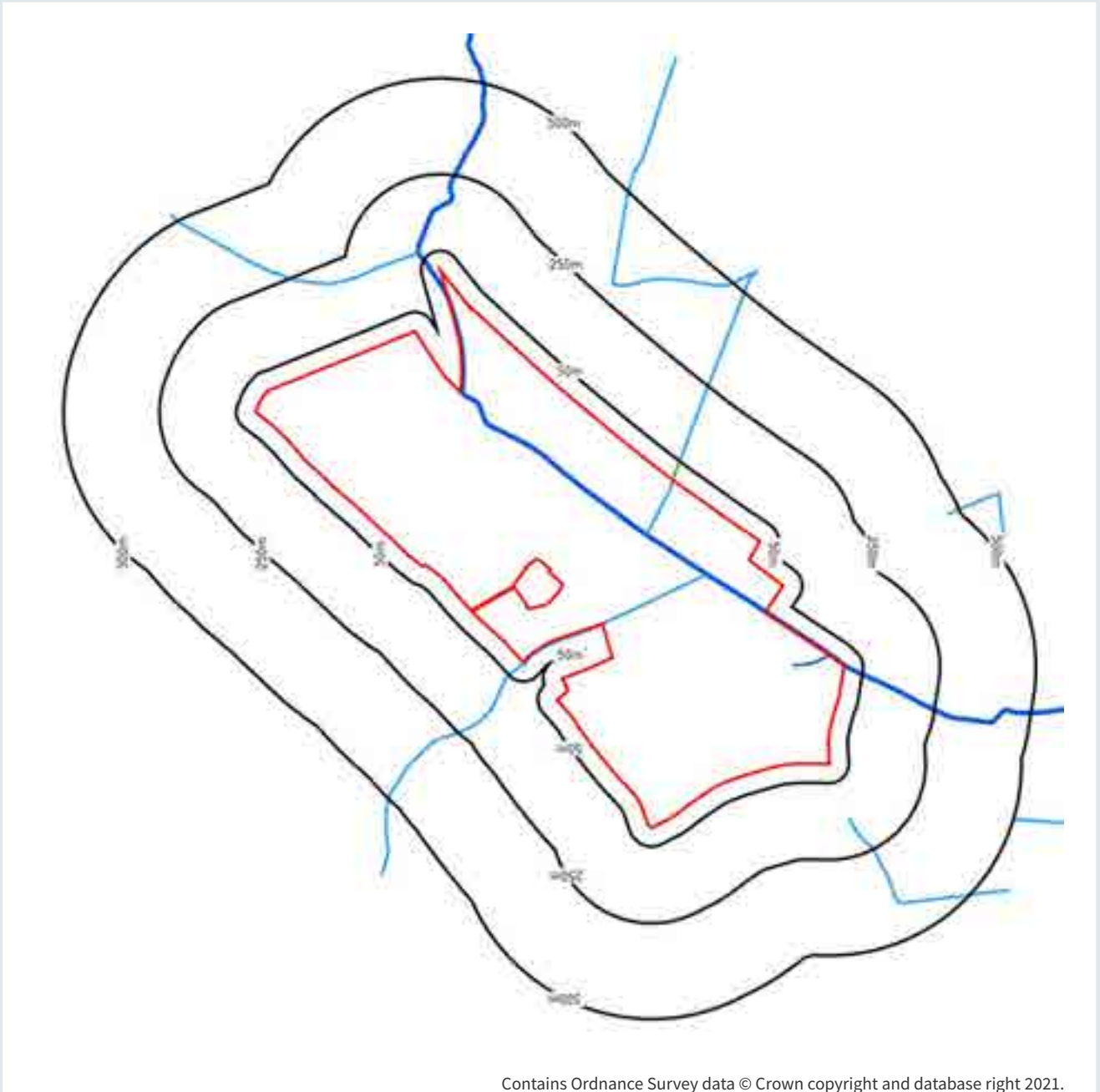


Groundwater Flood Risk 5m

Details	Distance	Direction	Contact
Type: Low	0m	SE	1
Type: Moderate	0m	NW	1
Type: High	0m	NW	1
Type: Negligible	0m	NW	1



Flood Risk: Other



- | | |
|-------------------------|-------------------------|
| Site | Tidal River |
| Water Feature | Lake or Reservoir |
| Flood Storage Areas | Forshore and Sea |
| Recorded Flood Outlines | Underground River |
| Primary Flow (named) | Marsh |
| Primary Flow (un-named) | Canal, Lock or Transfer |
| Secondary Flow | |



Flood Risk: Other

Flood Storage Areas

No features identified.

Recorded Flood Outlines

No features identified.

OS VectorMap District - Water Features

No features identified.

OS MasterMap Water Network

Details	Distance	Direction	Contact
Name: Type: Primary Flow (un-named)	0m	SE	2
Name: West Glen River Type: Primary Flow (named)	0m	E	2
Name: Type: Underground River	0m	E	2
Name: Type: Lake or Reservoir	0m	SE	2

Agricultural Considerations

Data Section



Agricultural Data: This section presents data relating to designated features and land classifications that could be of relevance to the Site.

contents

Tabular Summary

This section gives an overview of the data found at the Site and in the surrounding area. We present the data to a maximum of 100m. We display the number of records found in each database under the relevant heading. Where we have not been able to search a database, we will display the abbreviation N/A instead.

Land classifications

- **Environmental Stewardship Schemes:** The Environmental Stewardship Scheme aims to secure widespread environmental benefits (including improved water quality and reduced soil erosion) through financial incentives.
- **Agricultural Land Classifications:** The classification system is broken down into categories according to the extent to which physical or chemical characteristics (such as climatic conditions and soil chemistry) cause limitations on food production.
- **Countryside Stewardship Schemes:** The Countryside Stewardship provides financial incentives for farmers and land managers to maintain and improve the environment. Examples include conserving and restoring wildlife habitat, flood risk management and woodland creation.
- **Open access land:** Under the Countryside and Rights of Way Act 2000, people can access land across England and Wales without having to use paths, known as 'open access land'.

Sites of interest

- **Listed buildings:** Listed buildings are considered to be of special architectural or historic interest and require planning consideration.
- **Ancient woodland:** Ancient woodland is defined as an area that has been wooded continuously since at least 1600 AD and require planning consideration.
- **Scheduled monuments:** Scheduled monuments are considered to be of national importance and require planning consideration.



Agricultural Considerations: Tabular Summary

Land Classifications

Environmental Stewardship Schemes	On-site	1-250m	251-500m
Environmental Stewardship Scheme Agreements*	1	1	N/A
Agricultural Land Classifications	On-site	1-250m	251-500m
Nitrate Vulnerable Zones*	2	0	N/A
Provisional Agricultural Land Classifications*	4	1	N/A
Post 1988 Agricultural Land Classifications *	0	0	N/A
Countryside Stewardship Schemes	On-site	1-250m	251-500m
Countryside Stewardship Scheme Management Areas*	0	0	N/A
Open access land	On-site	1-250m	251-500m
Open Access Land*	0	0	N/A

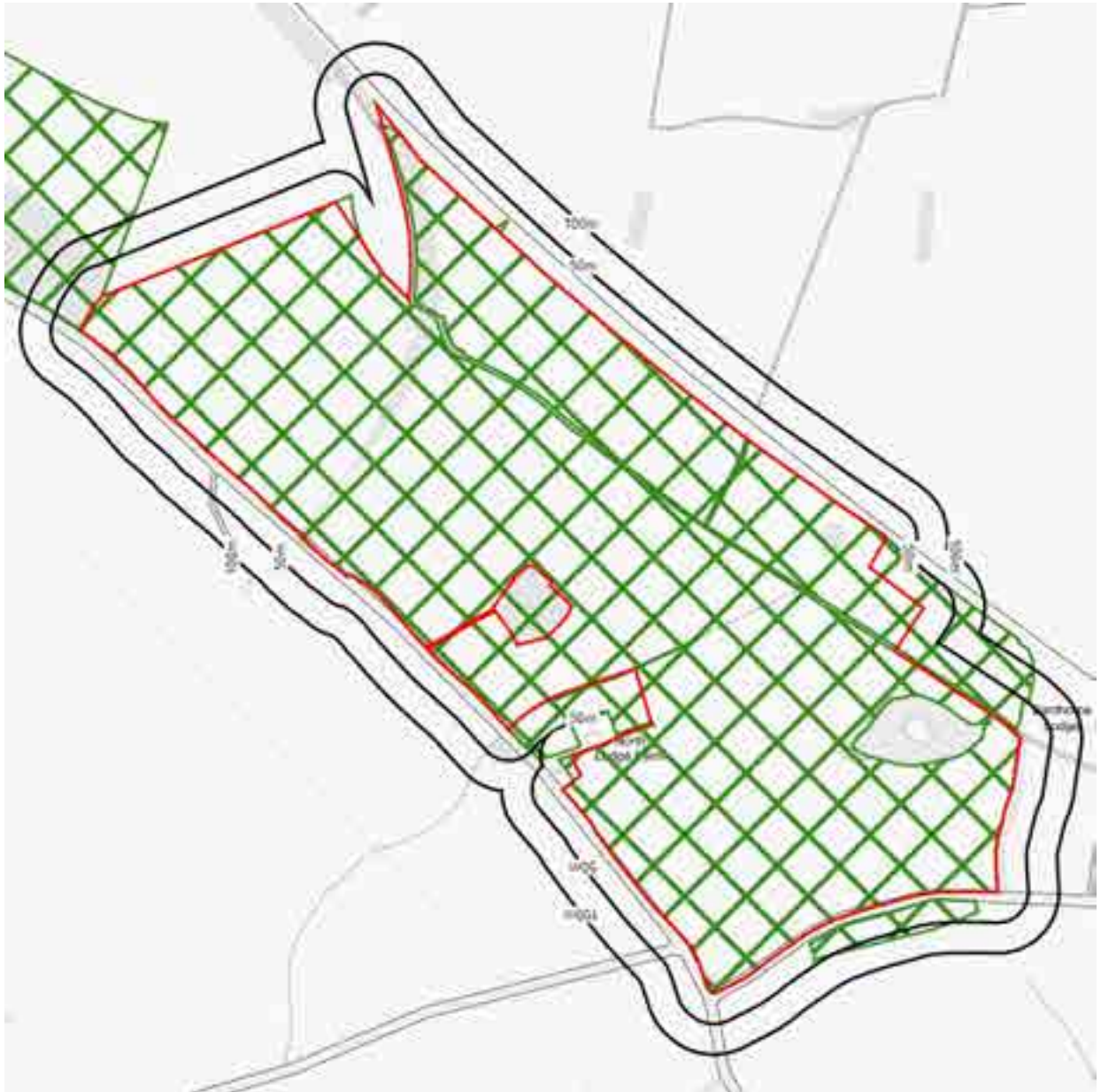
Sites of interest

Listed buildings	On-site	1-250m	251-500m
Listed Buildings*	0	0	N/A
Ancient woodland	On-site	1-250m	251-500m
Ancient Woodland*	0	0	N/A
Scheduled monuments	On-site	1-250m	251-500m
Scheduled Monuments*	0	0	N/A

*dataset searched to 100m



Environmental Stewardship Schemes

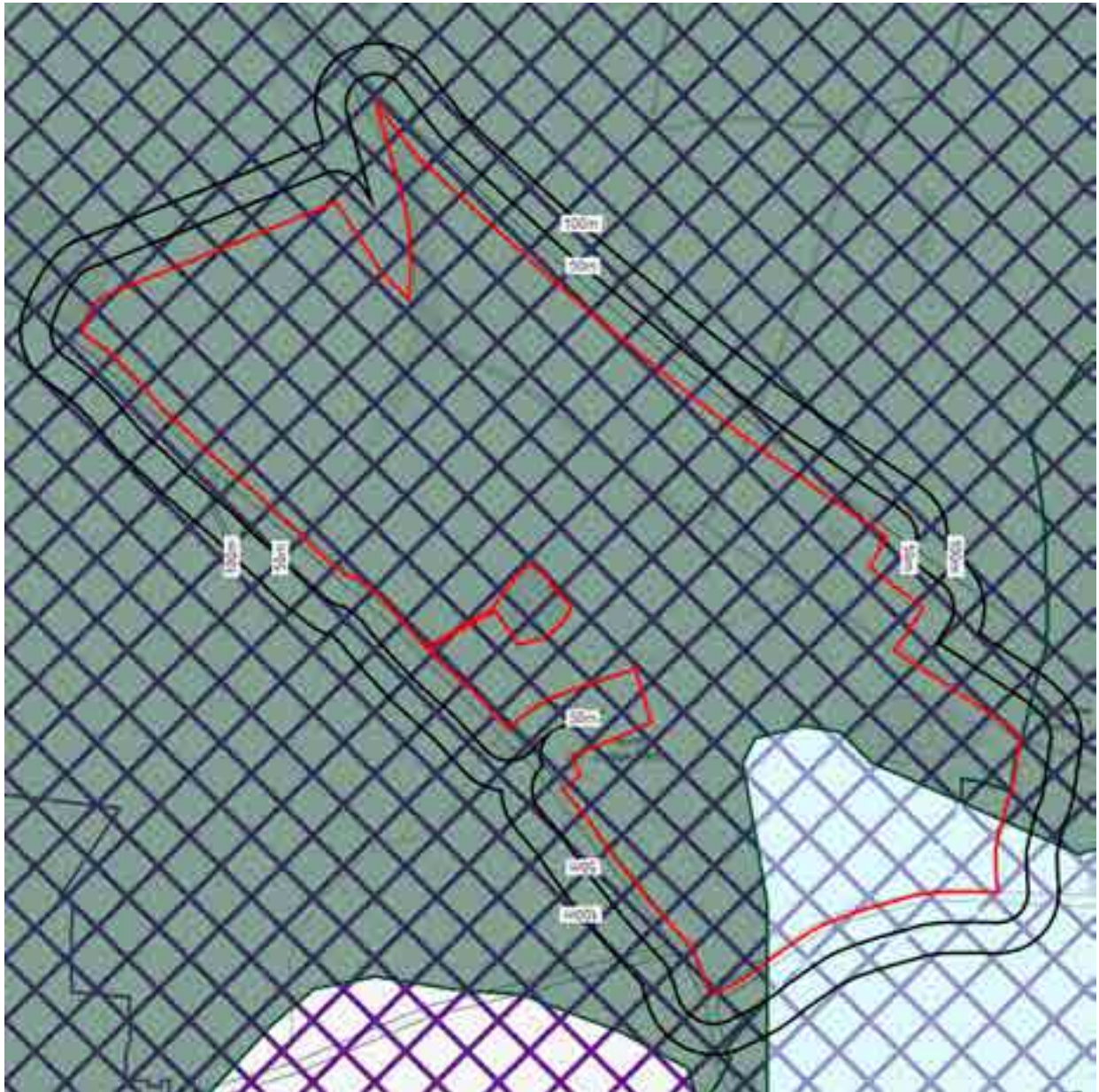


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- | | |
|---------------------|---------------------------------------|
| Site | Entry Level plus Higher Level |
| Entry Level | Higher Level |
| Organic Entry Level | Organic Entry Level plus Higher Level |



Agricultural Land Classifications



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Site	Grade 3a	Non Agricultural
Nitrate Vulnerable Zones	Grade 3b	Urban
Grade 1	Grade 4	Not Surveyed
Grade 2	Grade 5	Other
Grade 3		



Countryside Stewardship Schemes



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- | | |
|---------------------|-------------------------|
| Site | Hedges and Boundaries |
| High Tier Element | Implementation Plan |
| Middle Tier Element | Woodland Creation Grant |




Agricultural Considerations: Land Classifications Map

Open access land



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 Site

 Open access land



Agricultural Considerations: Land Classifications

Environmental Stewardship Schemes

Environmental Stewardship Scheme Agreements

Details	Distance	Direction	Contact
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	0m	N	6
Agreement Type: Entry Level Plus Higher Level Area under agreement: 479.36 Start date: 1st February 2010 Expiry date: 31st January 2020 Name: He Parkinson Town: Stamford County: Leicestershire Provider: Natural England Provider reference: AG00300095	12m	SE	6

Agricultural Land Classifications

Nitrate Vulnerable Zones

Details	Distance	Direction	Contact
Reserve Name: Lincolnshire Limestone Area size: 1417504770.86 Designation code: Groundwater Designation date: Provider: Environment Agency Provider reference: G69	0m	N	4
Reserve Name: Glen Nvz Area size: 367284582.88 Designation code: Surface Water Designation date: Provider: Environment Agency Provider reference: S378	0m	N	4

Provisional Agricultural Land Classifications

Details	Distance	Direction	Contact
Land Classification: Grade 2 Area size: 8533501.6 Provider: Natural England Provider reference: 1044	0m	SE	6
Land Classification: Grade 3 Area size: 114333822.35 Provider: Natural England Provider reference: 1045	0m	N	6



Agricultural Considerations: Land Classifications

Details	Distance	Direction	Contact
Land Classification: Grade 3 Area size: 71392239.78 Provider: Natural England Provider reference: 1030	0m	SE	6
Land Classification: Grade 2 Area size: 313096950.3 Provider: Natural England Provider reference: 1029	0m	SE	6
Land Classification: Grade 3 Area size: 71392239.78 Provider: Natural England Provider reference: 1030	51m	S	6

Post 1988 Agricultural Land Classifications

No features identified.

Countryside Stewardship Schemes

Countryside Stewardship Scheme Management Areas

No features identified.

Open access land

Open Access Land

No features identified.



Agricultural Considerations: Sites of interest Map



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Site



Ancient woodland

● Listed Buildings

⋯ Scheduled monuments



Agricultural Considerations: Sites of interest

Listed buildings

Listed Buildings

No features identified.

Ancient woodland

Ancient Woodland

No features identified.

Scheduled monuments

Scheduled Monuments

No features identified.

Ground Hazards & Coal Mining

Data Section



Ground Hazards & Coal Mining Data: This section contains information on natural and mining related hazards which may affect the Site. These includes subsidence, radon and mining. Hazards that may need further investigation are detailed here. This report is neither a guarantee of the physical condition of the subject Site nor a substitute for any physical investigation or inspection.

contents

Tabular Summary	This section gives an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 500m. We display the number of records found in each database under the relevant heading. Where we have not been able to search a database, we will display the abbreviation N/A instead.
Coal Mining	This section is driven by the Site's proximity to Coalfield Consultation Areas.
Subsidence	This section uses several different datasets to assess the susceptibility of the Site to the subsidence
Natural and Mining Related Hazards	This section looks at non-coal mining hazards, including former mineral sites and landfill sites.
Radon	Both the likelihood of radon being an issue, and the requirement for radon protection measures.



Ground Hazards & Coal Mining: Tabular Summary

Coal Mining

Coal Mining	On-site	1-100m	101-250m
Coal Mining Subsidence Damage Claims*	0	0	N/A
Coalfield Consultation Areas	0	N/A	N/A

Subsidence

Insurance Claims from Subsidence	On-site	1-100m	101-250m
Postcode Unit Insurance Claims Rating - Subsidence	0	N/A	N/A

Natural Ground Instability	On-site	1-100m	101-250m
Natural Cavities	0	0	0
Potential for Landslide Ground Stability Hazards*	0	0	N/A
Potential for Ground Dissolution Stability Hazards*	0	0	N/A
Potential for Compressible Ground Stability Hazards*	2	0	N/A
Potential for Shrinking or Swelling Clay Ground Stability Hazards*	2	0	N/A
Potential for Running Sand Ground Stability Hazards*	0	0	N/A
Potential for Collapsible Ground Stability Hazards*	0	0	N/A

Natural and Mining Related Hazards

Former Mining	On-site	1-100m	101-250m
Potentially Contaminative Land Uses (1950-1980) from large scale historical mapping	2	N/A	N/A
Potentially Contaminative Land Uses (1855-1909) from large scale historical mapping*	0	0	N/A
Potentially Contaminative Land Uses (1893-1915) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Land Uses (1906-1937) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Land Uses (1924-1949) from large scale historical mapping	0	N/A	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	2	N/A	N/A
Man-Made Mining Cavities	0	0	0
BGS Recorded Mineral Sites	0	0	N/A
Mining Instability	0	N/A	N/A
Non Coal Mining Areas of Great Britain*	0	0	N/A
Potential Mining Areas	0	N/A	N/A



Ground Hazards & Coal Mining: Tabular Summary

Salt and Brine	On-site	1-100m	101-250m
Brine Compensation Area	0	N/A	N/A
Brine Pumping Related Features	0	N/A	N/A
Brine Subsidence Solution Area	0	N/A	N/A
Salt Mining Related Features	0	N/A	N/A
Landfill Sites and Infilled Land	On-site	1-100m	101-250m
Former Marshes	0	N/A	N/A
Potentially Infilled Land (Non-Water)	0	N/A	N/A
Potentially Infilled Land (Water)	1	N/A	N/A
Potentially Contaminative Industrial Uses (Past Land Use)	0	N/A	N/A
BGS Recorded Landfill Sites	0	N/A	N/A
Permitted Waste Sites - Authorised Landfill Site Boundaries	0	N/A	N/A
Registered Landfill Sites	0	N/A	N/A
Local Authority Recorded Landfill Sites	0	N/A	N/A
Historic Landfill	0	N/A	N/A

Radon

Radon	On-site	1-100m	101-250m
Radon Potential	7	N/A	N/A

** dataset searched to 25m

* dataset searched to 50m



Ground Hazards & Coal Mining



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- | | |
|-------------------------------|---|
| Site | Brine Subsidence Solution Area |
| Coalfield Consultation Area | Salt Mining Related Feature |
| Mining from Historical Maps | Infilled Land |
| Mining Cavities | Landfills |
| Other Mining | Natural Cavities |
| CBCSB Compensation District | Potential for Ground Stability Hazards - High |
| Brine Pumping Related Feature | Potential for Ground Stability Hazards - Moderate |



Coal Mining

Coal Mining Subsidence Damage Claims

No features identified.

Coalfield Consultation Areas

No features identified.



Insurance Claims

Postcode Unit Insurance Claims Rating - Subsidence

No features identified.

Natural Ground Instability

Natural Cavities

No features identified.

Potential for Landslide Ground Stability Hazards

No features identified.

Potential for Ground Dissolution Stability Hazards

No features identified.

Potential for Compressible Ground Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Hazard Guidance: Avoid large differential loadings of ground. Do not drain or dewater ground near the property without technical advice.</p>	0m	NW	5
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Hazard Guidance: Avoid large differential loadings of ground. Do not drain or dewater ground near the property without technical advice.</p>	0m	NE	5

Potential for Shrinking or Swelling Clay Ground Stability Hazards

Details	Distance	Direction	Contact
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Ground conditions predominantly high plasticity.</p> <p>Hazard Guidance: Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management.</p>	0m	E	5
<p>Hazard Potential: Moderate</p> <p>Hazard Description: Ground conditions predominantly high plasticity.</p> <p>Hazard Guidance: Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management.</p>	0m	NW	5

Potential for Running Sand Ground Stability Hazards

No features identified.

Potential for Collapsible Ground Stability Hazards

No features identified.



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Former Mining

Potentially Contaminative Land Uses (1950-1980) from large scale historical mapping

Details	Distance	Direction	Contact
Industry Type: Extraction Description: Pit Map Published Date: 1975	0m	SE	1
Industry Type: Extraction Description: Pit Map Published Date: 1975	0m	SW	1

Potentially Contaminative Land Uses (1855-1909) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1893-1915) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1906-1937) from large scale historical mapping

No features identified.

Potentially Contaminative Land Uses (1924-1949) from large scale historical mapping

No features identified.

Potentially Contaminative Industrial Uses (Past Land Use)

Details	Distance	Direction	Contact
Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SE	1
Class: Quarrying of sand & clay, operation of sand & gravel pits Map Published Date: 1983	0m	SW	1

Man-Made Mining Cavities

No features identified.

BGS Recorded Mineral Sites

No features identified.

Mining Instability

No features identified.

Non Coal Mining Areas of Great Britain

No features identified.

Potential Mining Areas

No features identified.



Ground Hazards & Coal Mining: Natural and Mining Related Hazards

Salt and Brine

Brine Compensation Area

No features identified.

Brine Pumping Related Features

No features identified.

Brine Subsidence Solution Area

No features identified.

Salt Mining Related Features

No features identified.

Landfill Sites and Infilled Land

Former Marshes

No features identified.

Potentially Infilled Land (Non-Water)

No features identified.

Potentially Infilled Land (Water)

Details	Distance	Direction	Contact
Details: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Map Published Date: 1905	0m	N	1

Potentially Contaminative Industrial Uses (Past Land Use)

No features identified.

BGS Recorded Landfill Sites

No features identified.

Permitted Waste Sites - Authorised Landfill Site Boundaries

No features identified.

Registered Landfill Sites

No features identified.

Local Authority Recorded Landfill Sites

No features identified.

Historic Landfill

No features identified.



Ground Hazards & Coal Mining: Radon

Radon

Radon Potential

Details	Distance	Direction	Contact
Radon Affected Area: Yes Radon Protection Measure Required: None The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).	0m	N	5
Radon Affected Area: Yes Radon Protection Measure Required: None The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Basic The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Full The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level).	0m	NW	5
Radon Affected Area: Yes Radon Protection Measure Required: Basic The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level).	0m	NW	5

Energy & Infrastructure

Data Section



Energy & Infrastructure Data: This section details the data used as part of our Energy and Infrastructure analysis. Each key area has the data mapped with the detail outlined beneath.

contents

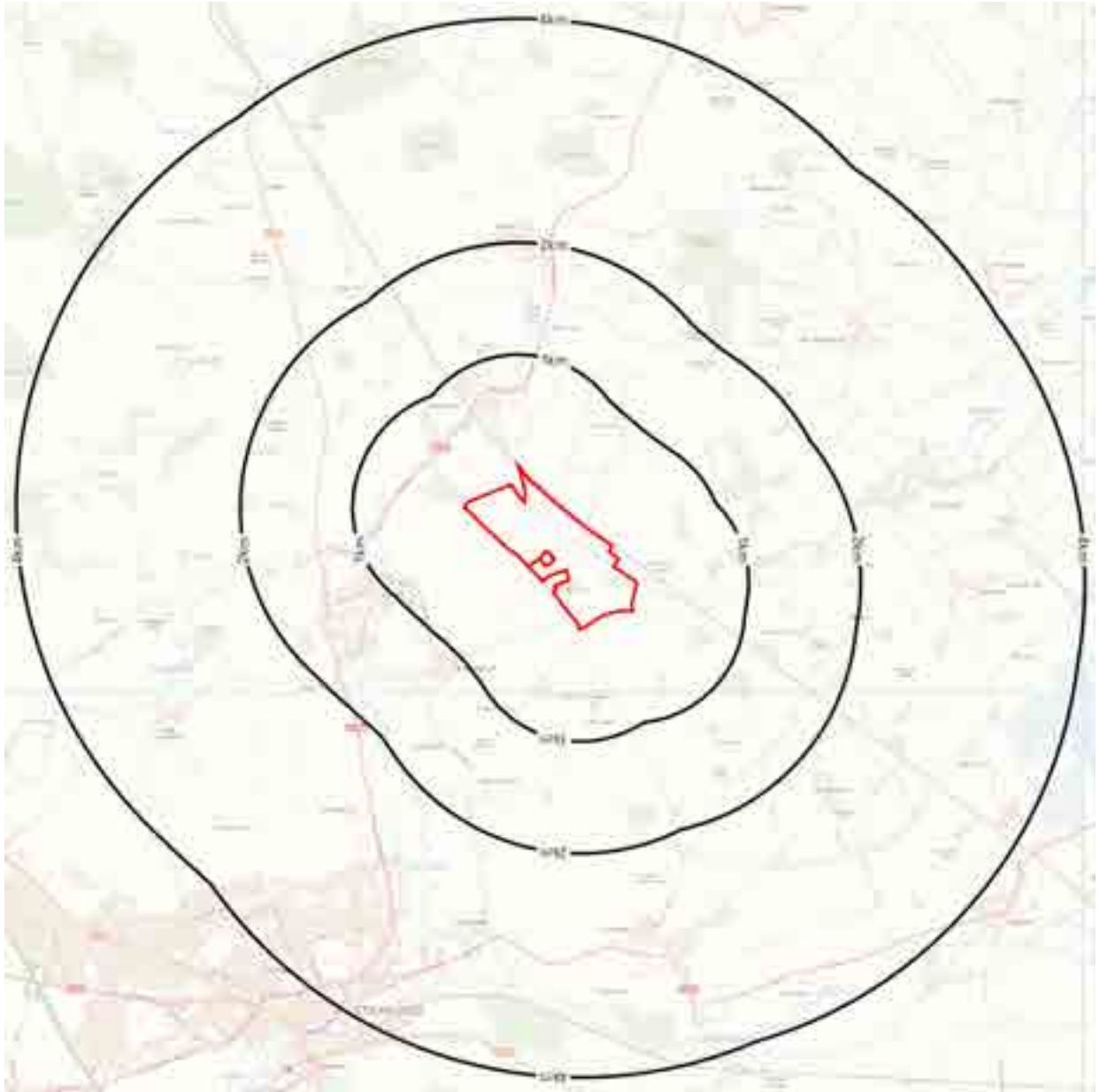
Tabular Summary	Provides an overview of the data found at the Site and in the surrounding area. We present the data in three buffer zones, extending to a maximum of 4km. We display the number of records found in under the relevant heading. Where we have not been able to find data, we will display the abbreviation N/A instead.
Oil and Gas Exploration	Licences or drilling facilities with 4km of the Site. Onshore oil and gas exploration and production licences relate to areas of land (blocks). The presence of one or more of these licences does not mean that exploration or production will definitely happen.
Wind Energy	Operational or planned wind farms or turbines within 4km of the Site. Includes wind projects in the UK Wind Energy Database and locations of individual wind turbines and planning applications for wind turbines with an output of 1MW.
Solar Energy Facilities	Operational and proposed solar farms within 2km of the Site. The data provides the name of the operating company, the generating capacity, and the farm's operational status.
Other Renewable Energy	Renewable power sources with an output of 1MW within 2km of the Site. These power sources are: Small / Large Hydroelectric; Shoreline Wave; Tidal Barrage / Stream; Biomass; Co-firing; Anaerobic/ Sewage Digestion; Hot Dry Rocks; Landfill Gas; Energy from Waste (EfW) Incineration; and Advanced Conversion Technology.
High Speed 2 (HS2)	HS2 track sections, stations, safeguarding limits homeowner zones and extended homeowner protection zones within 4km of the Site. This report comments on both phases using current available information.
Crossrail	Crossrail 1 and 2 track sections, stations and safeguarding limits within 2km of the Site. Crossrail (CR1) is a rail project stretching from Reading and Heathrow in the west, to Shenfield and Abbeywood in the east. Crossrail 2 (CR2) is a new (proposed) railway, linking the national rail networks in and around Surrey and Hertfordshire via an underground tunnel through London.
Railways	Above and below ground railways within 250m of the Site, including trams and light rail.
Pipelines	The Southampton to London Pipeline route within 250m of the Site.



Energy & Infrastructure: Tabular Summary

Energy And Infrastructure

Oil and Gas Explorations	On-site	1-250m	251-500m
Licensed Areas for Onshore Energy Exploration and Production	0	0	N/A
Licensed Wells for Energy Exploration	0	0	N/A
Offered Blocks for Onshore Energy Exploration and Production	0	0	N/A
Wind Energy	On-site	1-250m	251-500m
Wind Farms	0	0	N/A
Wind Turbines	0	0	N/A
Renewable Energy Planning Database	0	0	N/A
Solar Energy	On-site	1-250m	251-500m
Renewable Energy Planning Database	0	N/A	N/A
Other Renewable	On-site	1-250m	251-500m
Renewable Energy Planning Database	0	N/A	N/A
High Speed 2	On-site	1-250m	251-500m
HS2 - Track	0	N/A	N/A
HS2 - Stations	0	N/A	N/A
HS2 - Safeguarding Limits	0	N/A	N/A
HS2 - Payment Zones	0	N/A	N/A
Crossrail 1	On-site	1-250m	251-500m
Crossrail - Safeguarding Limits	0	N/A	N/A
Crossrail - Stations	0	N/A	N/A
Crossrail - Track	0	N/A	N/A
Crossrail 2	On-site	1-250m	251-500m
Crossrail 2 - Track	0	N/A	N/A
Crossrail 2 - Stations	0	N/A	N/A
Crossrail 2 - Safeguarding Limits	0	N/A	N/A
Above and below ground railways	On-site	1-250m	251-500m
Railed Transport - Tracks	2	9	N/A
Railed Transport - Stations and Stops	0	0	N/A
Southampton to London Pipeline	On-site	1-250m	251-500m
Southampton to London Pipeline Development	0	0	N/A



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Site



OGA Offered Exploration Blocks



Wind Farms



Planning Apps - Wind Energy



Planning Apps - Other Renewable Energy



OGA Licensed Exploration Blocks



Drilling Locations



Wind Turbines



Planning Apps - Solar Farms



Southampton to London pipeline



Oil and Gas Exploration

Licensed Areas for Onshore Energy Exploration and Production

No features identified.

Offered Blocks for Onshore Energy Exploration and Production

No features identified.

Licensed Wells for Energy Exploration

No features identified.

Wind Energy

Wind Farms

No features identified.

Wind Turbines

No features identified.

Renewable Energy Planning Database

No features identified.

Solar Energy Facilities

Renewable Energy Planning Database

No features identified.

Other Renewable Energy

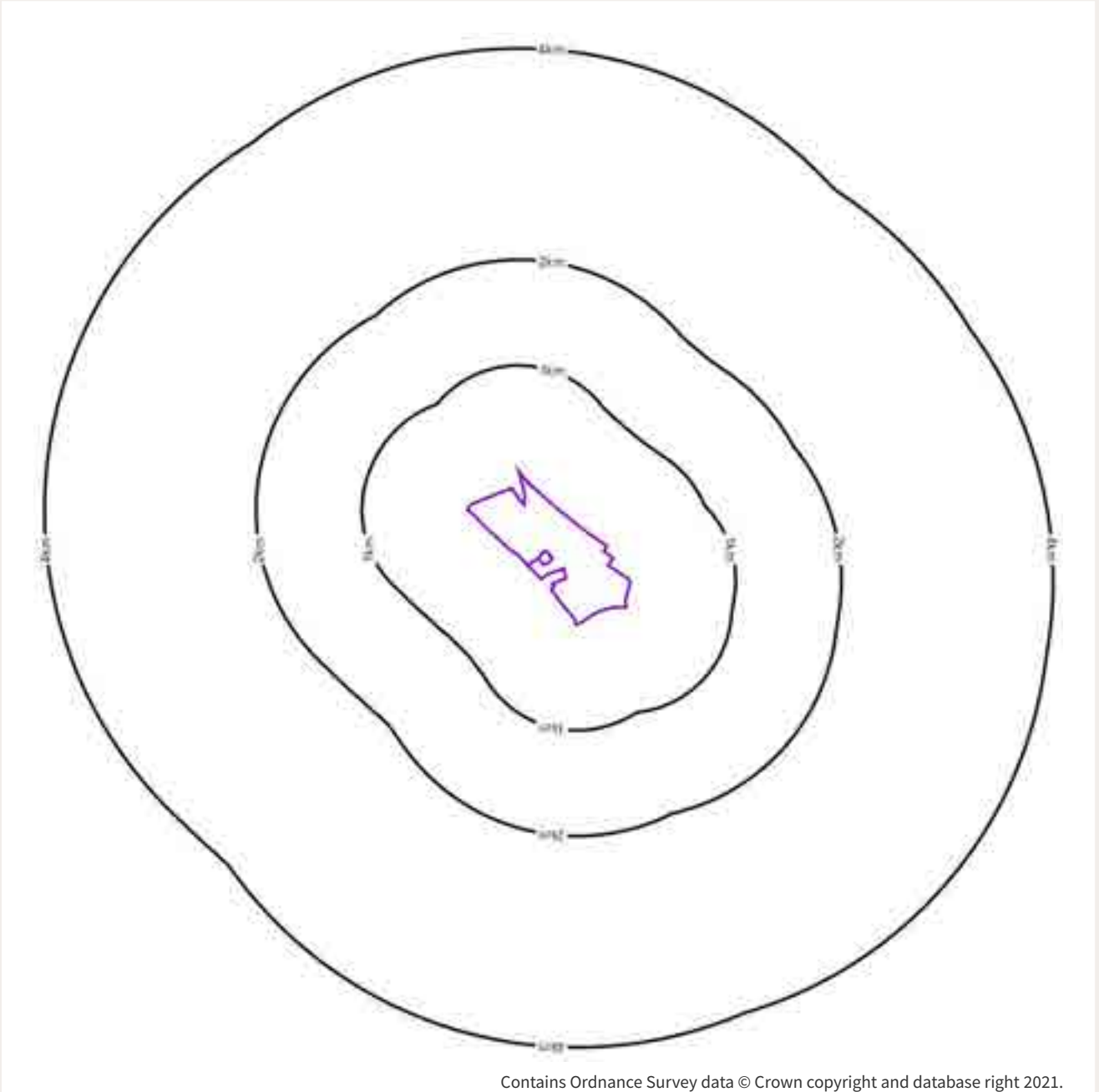
Renewable Energy Planning Database

No features identified.

Southampton to London pipeline

Southampton to London Pipeline Development

No features identified.



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- | | |
|-----------------------------------|--|
| Site | HS2 – Track |
| Crossrail 1 – Track | HS2 – Station |
| Crossrail 1 – Station | HS2 – Safeguarding Limits |
| Crossrail 1 – Safeguarding Limits | HS2 – Homeowner Payment Zone 1 |
| Crossrail 2 – Track | HS2 – Homeowner Payment Zone 2 |
| Crossrail 2 – Station | HS2 – Homeowner Payment Zone 3 |
| Crossrail 2 – Safeguarding Limits | HS2 – Rural Support Zone |
| | HS2 – Extended Homeowner Protection Zone |



High Speed 2

HS2 - Track

No features identified.

HS2 - Stations

No features identified.

HS2 - Safeguarding Limits

No features identified.

HS2 - Payment Zones

No features identified.

Crossrail 1

Crossrail - Track

No features identified.

Crossrail - Stations

No features identified.

Crossrail - Safeguarding Limits

No features identified.

Crossrail 2

Crossrail 2 - Track

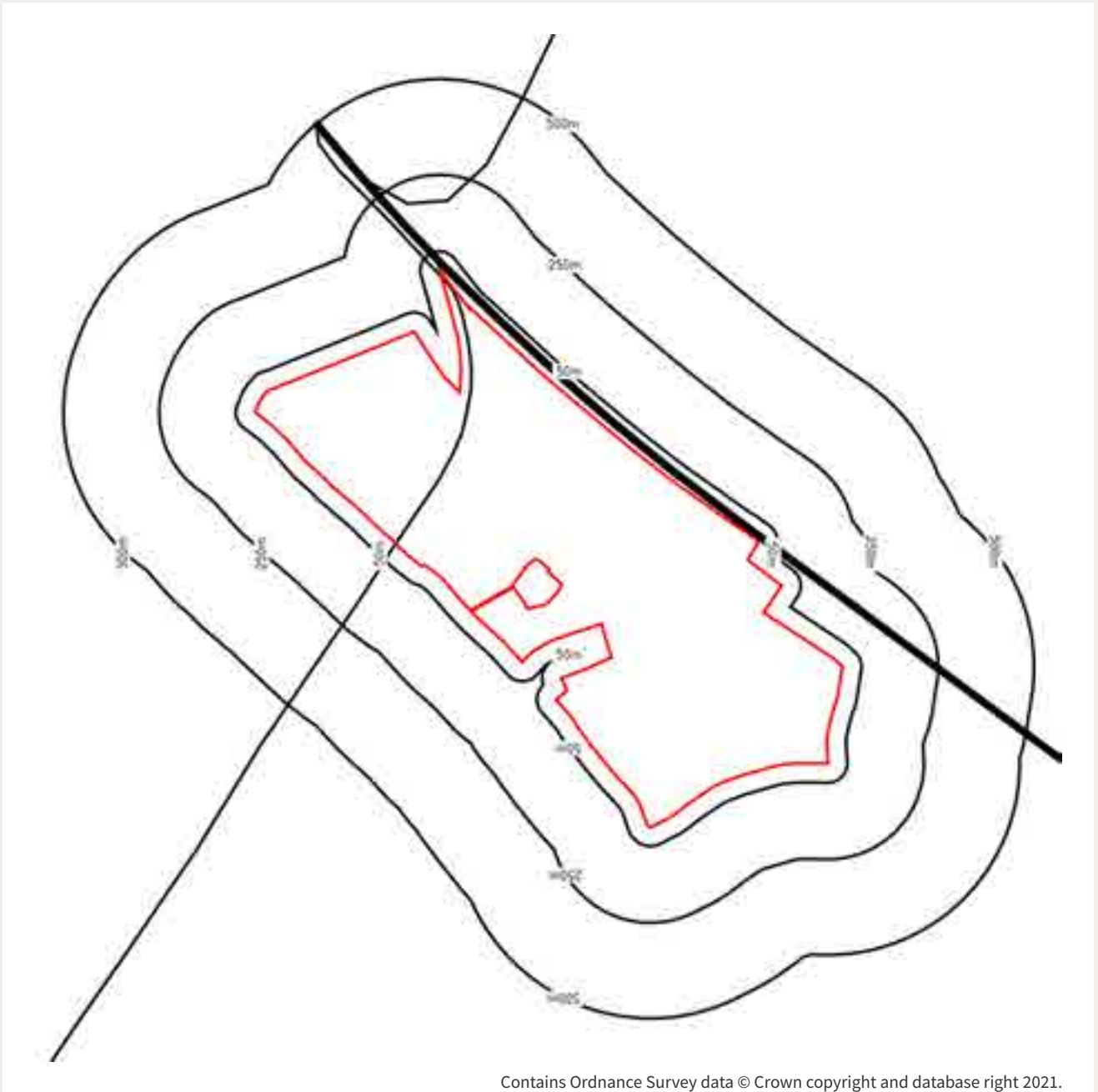
No features identified.

Crossrail 2 - Stations


No features identified.


Crossrail 2 - Safeguarding Limits

No features identified.



 Site

 Railway - Station

 Track

 Underground Track



Above and below ground railways

Railed Transport - Tracks

Details	Distance	Direction	Contact
Network Name: Not Supplied Tunnel: Unknown Status: Inactive Railway Route: Not Supplied Reference Number: way/166428488, way/27652912	0m	NW	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/305687234	6m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687233	10m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/2162114	15m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/305687235	19m	NE	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: East Midlands Railway Reference Number: way/228012357	136m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/228014711, way/38156608	140m	E	1
Network Name: East Coast Main Line Tunnel: Unknown Status: Active Railway Route: London North Eastern Railway Reference Number: way/228013027	142m	E	1
Network Name: Bourne and Essendine Railway (dismantled) Tunnel: Unknown Status: Inactive Railway Route: Not Supplied Reference Number: way/166476897	181m	N	1

Railed Transport - Stations and Stops

No features identified.

Site Solutions Farm

About this report



Site Solutions Farm Limitations

Site Solutions Farm reports help you and your clients make informed property decisions. Our reports are 'desktop' assessments, written and quality checked by our team of expert consultants. We carry out the work in our Brighton office using data, maps and our expertise. We do not carry out a physical inspection of the property nor do we contact any regulator. This means that we cannot guarantee that we will have identified all issues of concern.

In the Data Section of the report we list the data sources that we have used. Most of these data sets come from third party sources such as the Environment Agency. We cannot guarantee the accuracy of this data and are not responsible for any inaccuracies in third party data.

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Contaminated Land Risk Analysis Methodology

For this section of the report we assess the condition of the land. We see whether the land could be 'Contaminated Land' under the relevant legislation. This section of the report meets the requirements for an independent site report. This is the recommendation of the Law Society Practice Note on Contaminated Land.

The main legislation is Part 2A of the Environmental Protection Act 1990. We also assess whether similar requirements could arise under the Water Resources Act 1991. The Contaminated Land legislation asks whether a 'plausible contaminant-pathway-receptor relationship' exists. If we identify a relationship, then our consultants will assess the potential significance. We define Liabilities as the potential for remedial works under Part 2A of the Environmental Protection Act 1990 and/or the Water Resources Act 1991.

If the Site is to have a change of use, then we also consider relevant requirements under the Planning Regime. It may be that the level of contamination will only become an issue if the Site is to be redeveloped. An example of this is when former industrial land is redeveloped for housing. If the Site is to be redeveloped then it could also include remedial works required under the planning regime. These remedial works may be the responsibility of the Site owner or occupier.

We will issue one of the following Liability statements, in line with Defra's recommended four stage test.

Assessment	Liability Statement	Defra Category
PASSED 	Within the scope of this assessment no Liabilities have been identified. No further action is required.	3 or 4
PASSED – PRUDENT ACTION 	Within the scope of this assessment no Liabilities have been identified. However, your attention is drawn to the prudent action suggested below.	3 or 4
FURTHER ACTION 	We have identified potential soil and/or groundwater liabilities. To quantify these we recommend you undertake the action outlined below.	Potentially 1 or 2






Flood Risk Analysis Methodology

For this section of the report, we assess the risk of flooding at the Site. A Consultant will analyse the data within the report, and take into account factors such as source of flooding, extent, and which part of the Site is at risk (is it operationally sensitive).

Three key areas are addressed:

- the overall risk of flooding (taking into account defences)
- how flood risk affects the availability of insurance
- how flood risk affects the potential to redevelop

We report the overall risk in a summary statement, with the three outcomes listed below:

Assessment	Risk Statement
PASSED 	<p>Negligible, Low & Low-Moderate Risk: The Site is not considered to be at significant risk of flooding. No further action is deemed necessary.</p> <p>Recommendations: Some simple advice may be provided.</p> <p>Insurability: Insurance should be readily available.</p>
PASSED – PRUDENT ACTION 	<p>Moderate Risk: Data indicates some risk exists to the Site and its occupants. However, this is expected to be associated with an ‘extreme’ event.</p> <p>Recommendations: Practical advice will be provided. This may be to obtain further information or to write a flood preparation plan.</p> <p>Insurance: In most cases insurance should be readily available.</p>
FURTHER ACTION 	<p>Moderate to High and High: This report reveals a significant risk of flooding which should be addressed.</p> <p>Recommendations: Further assessment is recommended to clarify the risk of flooding at the Site. This will inform whether flood protection measures should be installed.</p> <p>Insurance: Insurance may not be available without a higher premium or excess.</p>

The flood risk gauges provide an analysis of each of the four main types of flooding: river, coastal, groundwater and surface water. A fifth gauge provides analysis of ‘other factors’. This includes historical floods, proximity to water features and elevation above both of these features. The purpose of this gauge is to account for risk that is not tied to modelled data.

Environment Agency defences protect large areas of England and Wales from river and coastal flooding. Our analysis of flood risk from these sources takes defences into account. Where defences are present we will report both defended and undefended risk to present the full risk profile. However, our overall assessment and recommendations will be based on the defended risk.

In Scotland, we do not have access to data from the Scottish Environmental Protection Agency (SEPA). As a result, we are unable to take into account defences. Consequently, in Scotland our assessment is always based on the undefended risk.

An Argyll Consultant will write Site-specific commentary to summarise the risk. The purpose of this is to explain the drivers of the risk, and where possible, the extent and impact. This will be a non-technical account, explaining our assessment in simple terms. Our Consultants generate the risk assessment using several sources. This means the gauges in the front of the report will supersede any risk reported in the data section. We also consider the implications of flood risk under the National Planning Policy Framework (NPPF). We always provide a view on whether a Flood Risk Assessment would be required if development is proposed. Where the client lets us know that the Site is to be redeveloped, we provide recommendations on the most appropriate next step.



Useful Contacts

Please see below the contact details of the suppliers referred to within this report. For all queries please contact:

Argyll Environmental Ltd
1st Floor
98-99 Queens Road
Brighton
BN1 3XF

If you require assistance please contact our customer services team on:

0330 036 6115

Or by email at:

orders@argyllenviro.com

Contact	Name	Address	Contact Details
	Public Health England	Centre for Radiation Chemical and Environmental Hazards Chilton Didcot Oxon OX11 0RQ	T: 01235 822622 F: 01235 833891 E: radon@phe.gov.uk W: www.ukradon.org
1	Landmark Information Group Limited	Imperium Imperial Way Reading Berkshire RG2 0TD	T: 0844 844 9966 E: helpdesk@landmark.co.uk W: www.landmark.co.uk
2	Ordnance Survey	Adanac Drive Southampton Hampshire SO16 0AS	T: 03456 05 05 05 E: customerservices@ordnancesurvey.co.uk W: www.ordnancesurvey.gov.uk
3	Environment Agency, National Customer Contact Centre (NCCC)	PO Box 544 Templeborough Rotherham S60 1BY	T: 03708 506 506 E: enquiries@environment-agency.gov.uk
4	Environment Agency, Head Office	Rio House Waterside Drive Aztec West, Almondsbury Bristol Avon BS32 4UD	T: 01454 624400



Useful Contacts

Contact	Name	Address	Contact Details
5	British Geological Survey, Enquiry Service	British Geological Survey Environmental Science Centre Keyworth Nottingham Nottinghamshire NG12 5GG	T: 0115 936 3143 E: enquiries@bgs.ac.uk W: www.bgs.ac.uk
6	Natural England	County Hall Spetchley Road Worcester WR5 2NP	T: 0300 060 3900 E: enquiries@naturalengland.org.uk W: www.naturalengland.org.uk

Please note that if you choose to contact any of the above organisations, they may have a charging policy in place for enquiries.



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Tel: 03300 366 115

Email: orders@argyllenviro.com

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TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Website: www.tpos.co.uk

Email: admin@tpos.co.uk



Argyll Environmental Complaints Procedure

If you want to make a complaint to Argyll Environmental, we will:

- Acknowledge it within 5 working days of receipt
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Legal Director
Argyll Environmental Ltd
1st Floor
98 - 99 Queens Road
Brighton
BN1 3XF

Tel: 03300 366 115

Email: orders@argyllenviro.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs):

Tel: 01722 333306,

Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.

Index Map

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

Slice

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

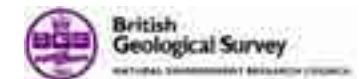
Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr D Ballentyne, Arcus Consultancy Services, 1C Swinegate Court East, 3 Swinegate, York, YO1 8AJ

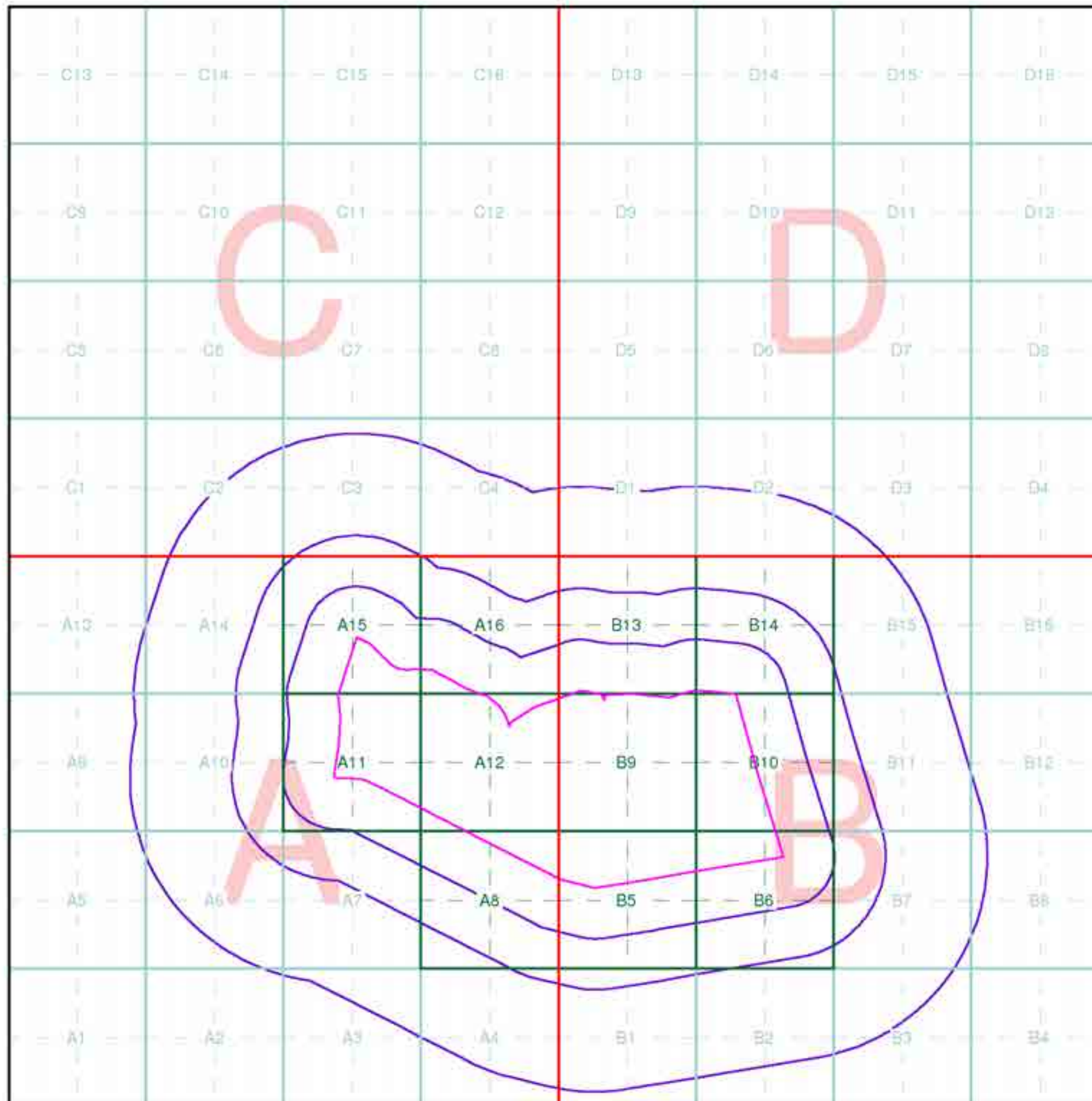
Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502060, 313260
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



Groundwater Vulnerability

General

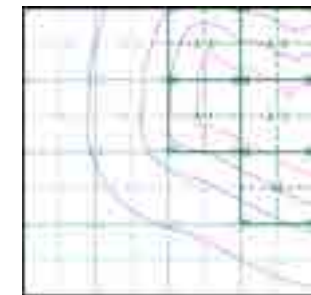
-  Impact Site
-  Search Buffer
-  Existing Hydrocarbons
-  Site
-  MUD

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|---|---|
|  High vulnerability, Principal Aquifer |  High vulnerability, Principal Aquifer |
|  High vulnerability, Secondary Aquifer |  High vulnerability, Secondary Aquifer |
|  Medium vulnerability, Principal Aquifer |  Medium vulnerability, Principal Aquifer |
|  Medium vulnerability, Secondary Aquifer |  Medium vulnerability, Secondary Aquifer |
|  Low vulnerability, Principal Aquifer |  Low vulnerability, Principal Aquifer |
|  Low vulnerability, Secondary Aquifer |  Low vulnerability, Secondary Aquifer |

-  Impervious Aquifer
-  Surface Flow

Site Sensitivity Context Map - Slice A

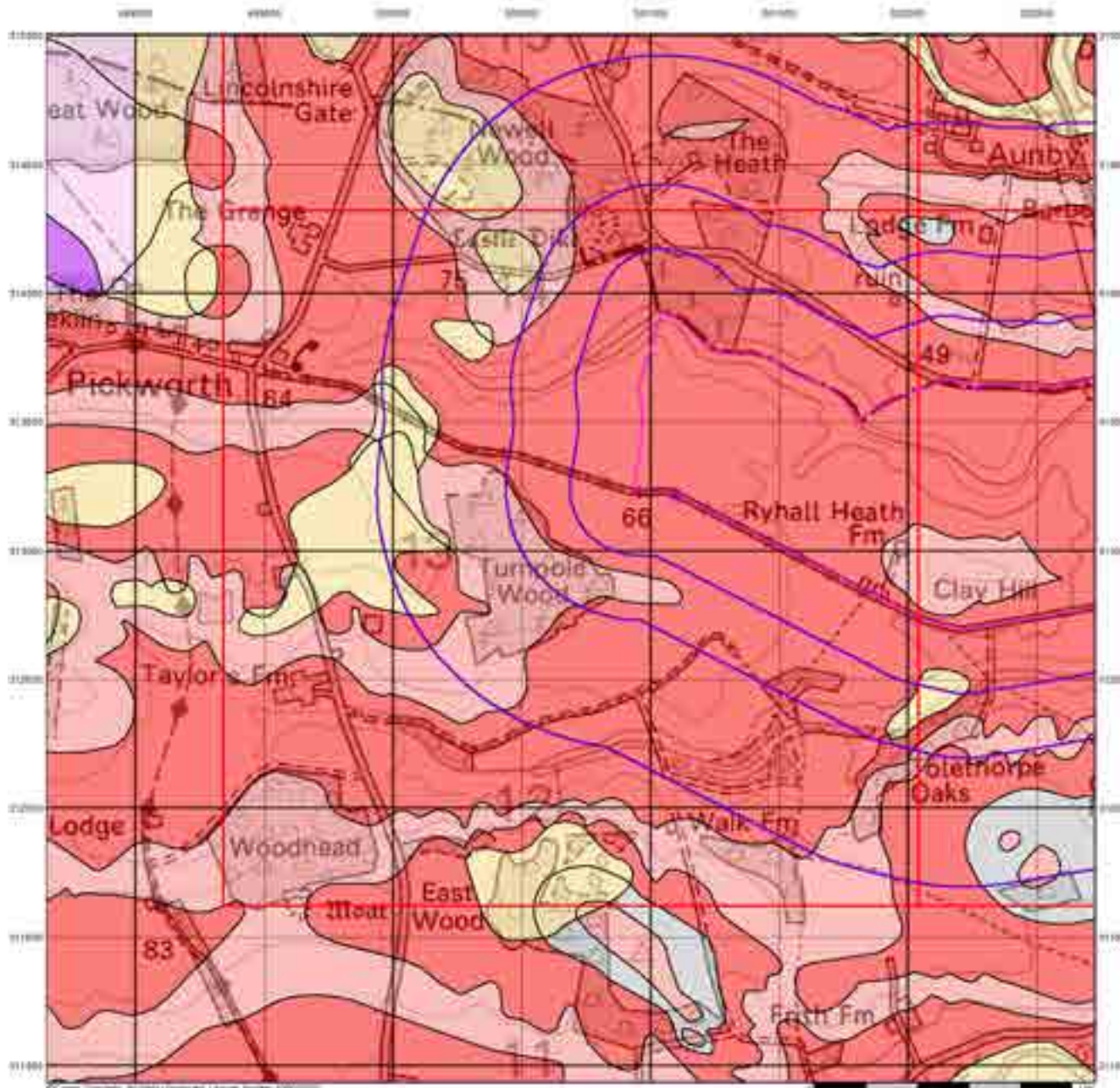


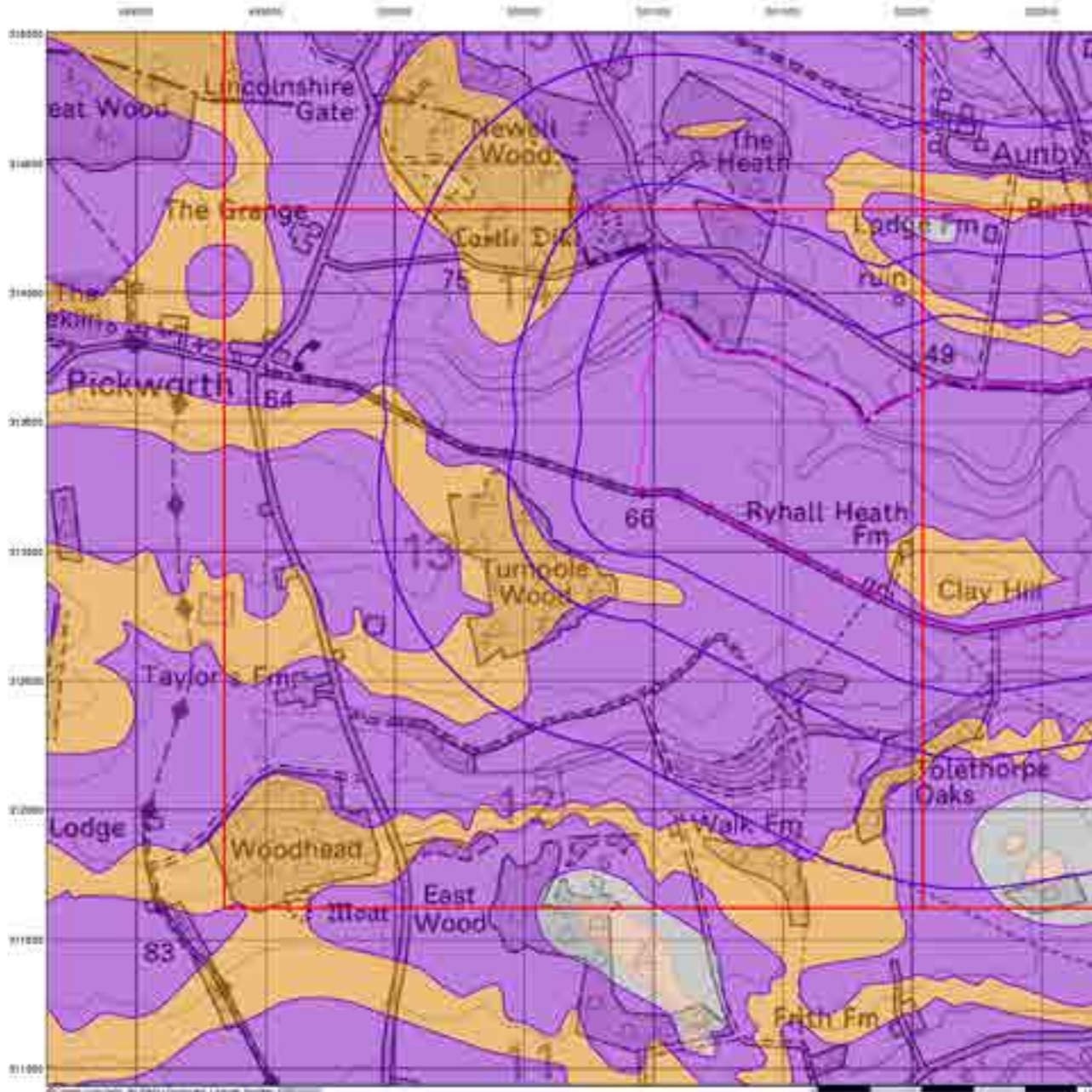
Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310





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Bedrock Aquifer Designation

General

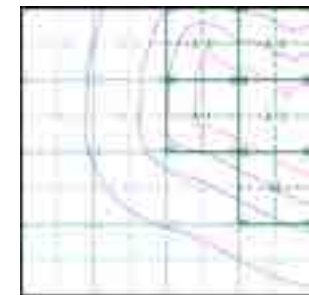
- Boundary Line
- Boundary Buffer
- Existing Hydrology Point
- Well
- Manhole

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unidentified
- Unproductive Strata
- Unstable
- Unknown (Lakes and Lenticles)

Site Sensitivity Context Map - Slice A



Order Details

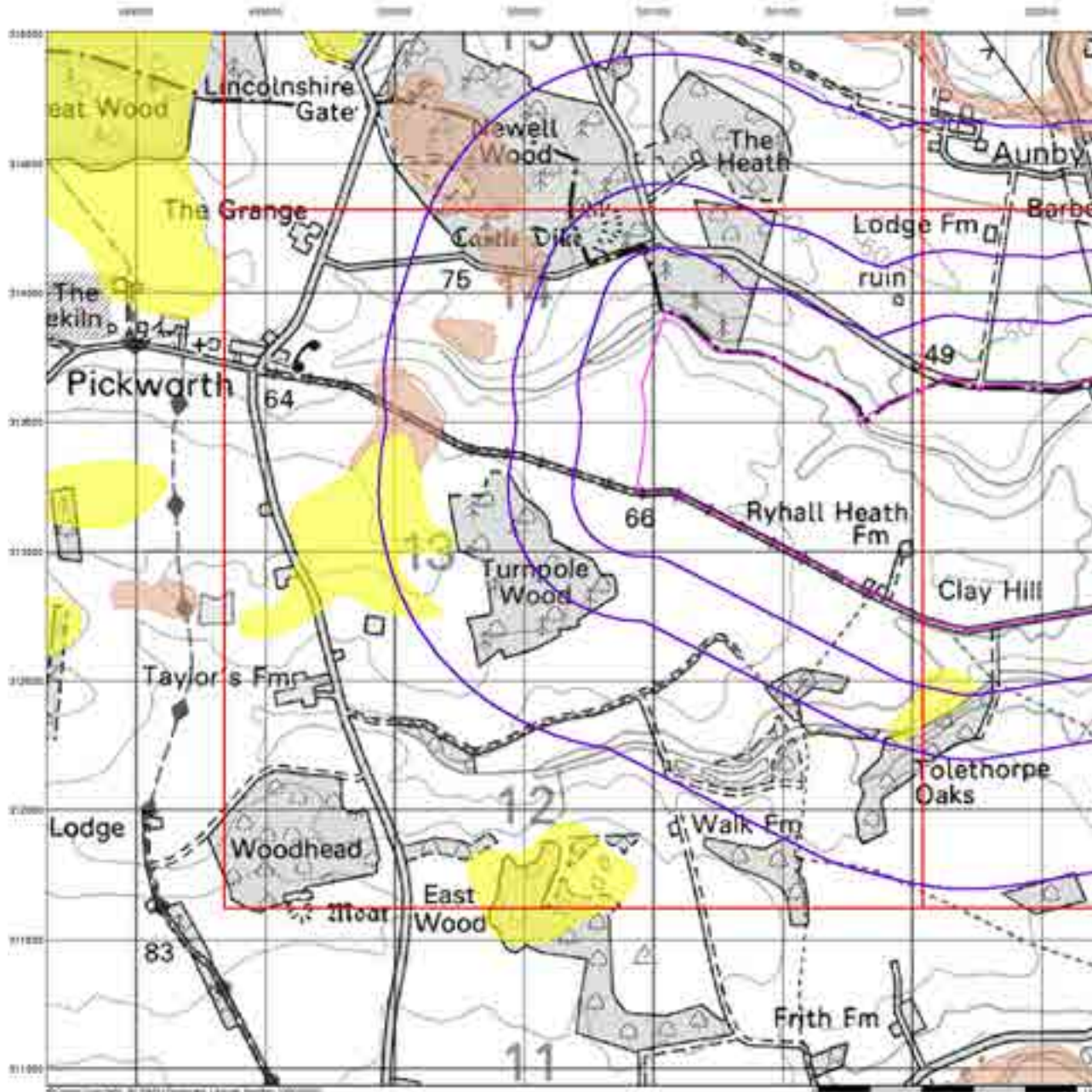
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Superficial Aquifer Designation

General

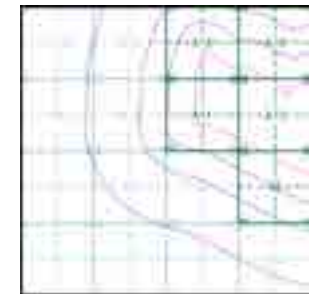
- Aquifer Site
- Search Buffer
- Existing Hydrocarbons Point
- Mine
- M.A.S.I.

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Unproductive Strata
- Unstable
- (Known Lakes and Lenticles)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Source Protection Zones

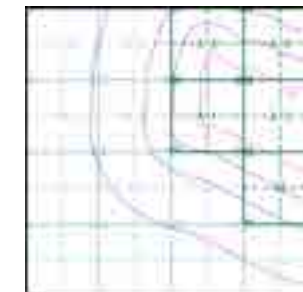
General

-  Drinking Water Catchment
-  Drinking Water Buffer
-  Sewage Treatment Plant
-  Mine
-  Mx 33

Agency and Hydrological

-  Environment (Zone 1)
-  Environment - subsurface activity only (Zone 1a)
-  Environment (Zone 2)
-  Environment - subsurface activity only (Zone 2a)
-  Total catchment (Zone 3)
-  Total catchment - subsurface activity only (Zone 3a)
-  Special interest (Zone 4)

Site Sensitivity Context Map - Slice A

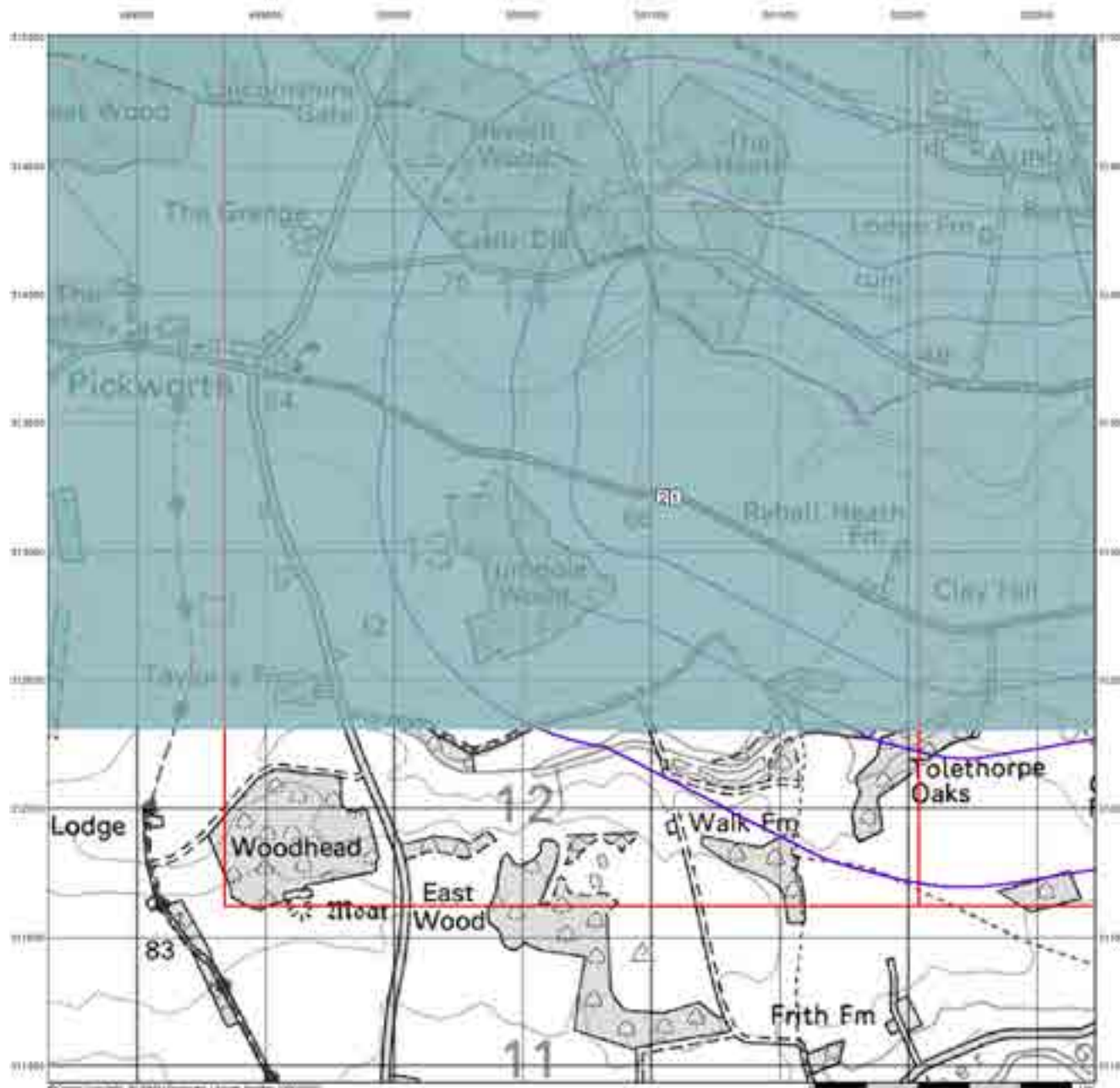


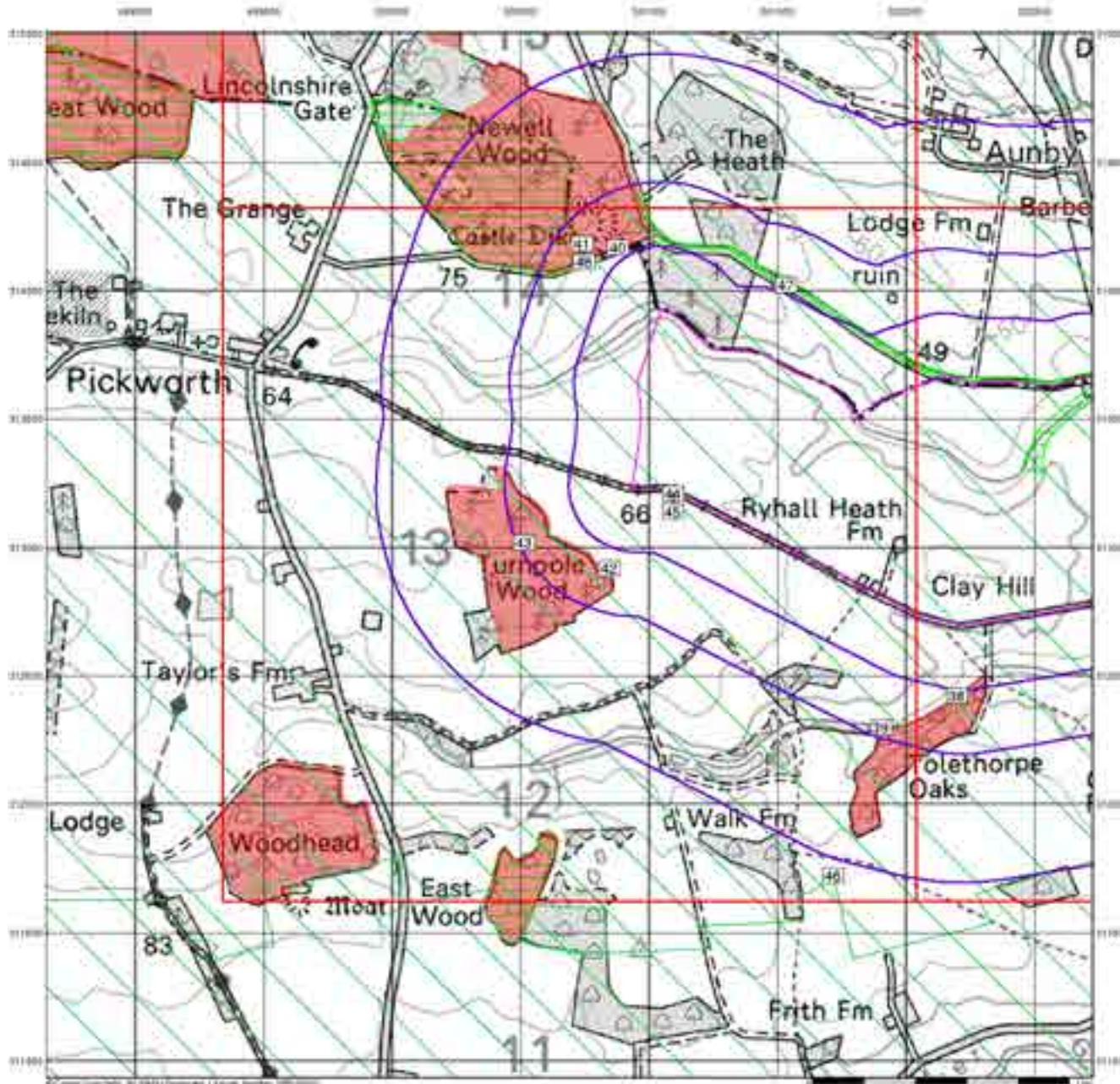
Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310





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Sensitive Land Uses

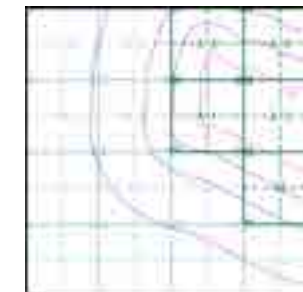
General

- Ancient Site
- Ancient Burial Site
- Ancient Burial Site
- Area
- Area
- Area

Sensitive Land Uses

- | | |
|------------------------------------|-------------------------------------|
| Ancient Woodland | Ancient Park |
| Area of Adopted Green Belt | Ancient Decision Area |
| Area of Outstanding Natural Beauty | Ancient Village Core |
| Area of Outstanding Natural Beauty | Ancient Site |
| Environmentally Sensitive Area | Site of Special Scientific Interest |
| Flood Plain | Special Area of Conservation |
| Local Nature Reserve | Special Production Area |
| Marine Nature Reserve | World Heritage Site |
| National Nature Reserve | |

Site Sensitivity Context Map - Slice A



Order Details

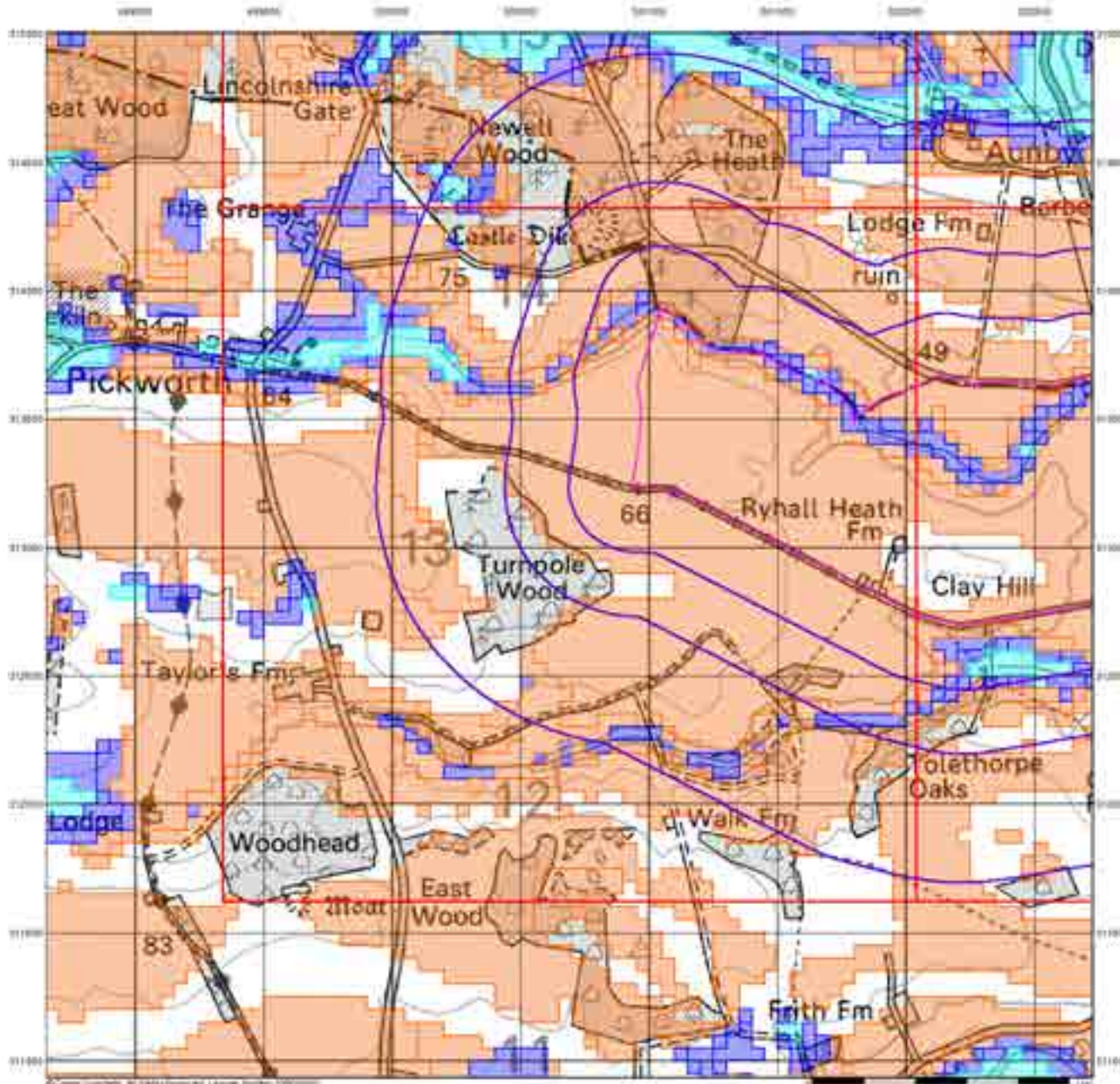
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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BGS Flood GFS Data

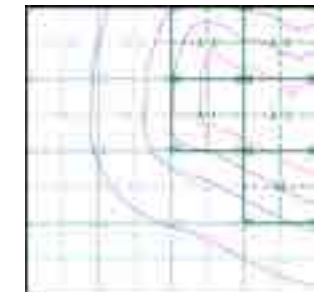
General

- Boundary ID
- Service Boundary
- Boundary Reference Point
- Site

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Ground
- Potential for Groundwater Flooding at Property Surface Below Ground Level
- Potential for Groundwater Flooding to Other or Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Datasheet

Order Details:

Order Number:

293359405_1_1

Customer Reference:

4217 - Z1

National Grid Reference:

501090, 313210

Slice:

A

Site Area (Ha):

162.75

Search Buffer (m):

1000

Site Details:

Site at 502039,313310

Client Details:

Mr D Ballentyne
Arcus Consultancy Services
1C Swinegate Court East
3 Swinegate
York
YO1 8AJ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	16
Industrial Land Use	-
Sensitive Land Use	22
Data Currency	23
Data Suppliers	29
Useful Contacts	30

Introduction

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

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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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents					
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				(*9)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 10	5	n/a	n/a	n/a
Groundwater Vulnerability - Local Information		5	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 11	2			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 11	2	6	2	18

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 15	3	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 15				2
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 16	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 19		2		3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 21	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 21	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 22		1	5	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 22	2			1
Ramsar Sites					
Sites of Special Scientific Interest	pg 22	1		1	
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	0	1	501050 313900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	1	501093 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	0	1	501100 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	0	1	501900 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	0	1	502000 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502200 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502300 313209
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502350 313209
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	1	501100 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	0	1	501150 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (NE)	0	1	501650 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	0	1	501700 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (N)	0	1	501200 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	0	1	501400 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (W)	0	1	501093 313209
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502200 313209
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (NE)	0	1	501550 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	0	1	501600 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	0	1	501650 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502600 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502500 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502600 313550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502650 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A16SW (NE)	0	1	501600 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	502200 312700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	0	1	501800 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	0	1	501850 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502450 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502500 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502550 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502600 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	1	501200 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502400 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	0	1	502450 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (E)	0	1	501700 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502150 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502400 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502450 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502500 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502050 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502200 313250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502250 313250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	1	501150 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	1	501300 313700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	0	1	501450 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502650 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	0	1	501550 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	0	1	501450 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	0	1	501500 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	0	1	501750 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502250 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502300 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502450 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (E)	0	1	501900 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	0	1	502000 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502100 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502450 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502500 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	502550 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	502050 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	5	1	501450 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	6	1	501550 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NE)	11	1	501800 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NE)	11	1	501750 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SW (NE)	18	1	501700 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	29	1	501600 313700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	46	1	502100 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	54	1	501000 313950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	66	1	502350 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	70	1	500950 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	74	1	502400 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	89	1	502500 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	96	1	502200 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	101	1	500950 313950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	102	1	500900 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	108	1	502250 312550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	109	1	502100 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	139	1	502500 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	147	1	502150 312550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	149	1	500850 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	156	1	502600 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	165	1	500850 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	174	1	502700 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (NW)	181	1	500800 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16NE (NE)	187	1	501850 314150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	197	1	500800 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	197	1	502150 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A3NE (S)	199	1	501050 312200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	206	1	502300 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	207	1	502100 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	214	1	502350 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	214	1	502550 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	214	1	500750 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	222	1	502400 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	230	1	502450 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	255	1	502100 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (NW)	256	1	500700 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (NW)	262	1	500700 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	263	1	502350 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	267	1	502050 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	272	1	502700 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	304	1	502600 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (NW)	306	1	500650 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SE (NW)	311	1	500650 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	313	1	502650 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	315	1	502050 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	322	1	502650 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (SE)	327	1	502000 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SE (SE)	339	1	501950 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	353	1	502600 312400

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	A10NE (NW)	356	1	500600 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SE)	387	1	501650 312350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A4NE (SE)	404	1	501900 312100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NE (NW)	406	1	500550 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (SE)	458	1	501500 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SE (SE)	461	1	501800 312300
	Nearest Surface Water Feature	A12NW (NE)	0	-	501687 313646
	Water Abstractions Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*g/076 Permit Version: Not Supplied Location: GREAT CASTERTON Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 4500 Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (W)	1432	2	499505 313195
	Water Abstractions Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*G/0076 Permit Version: 100 Location: Borehole A At Pickworth Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (W)	1437	2	499500 313200
	Water Abstractions Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*G/0076 Permit Version: 100 Location: Borehole A At Pickworth Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (W)	1437	2	499500 313200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*g/076 Permit Version: Not Supplied Location: Borehole G , PICKWORTH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 4500 Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A9SW (W)	1437	2	499500 313200
	<p>Water Abstractions</p> <p>Operator: Messrs F & T Sharpe Licence Number: 5/31/10/*G/0006 Permit Version: 100 Location: Borehole At Frith Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1501	2	502010 311210
	<p>Water Abstractions</p> <p>Operator: W J Williams Licence Number: 5/31/11/*G/0075 Permit Version: 100 Location: Borehole A At Gt Casterton Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1713	2	500900 311400
	<p>Water Abstractions</p> <p>Operator: W J Williams Licence Number: 5/31/11/*G/0075 Permit Version: 100 Location: Borehole A At Gt Casterton Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1713	2	500900 311400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: W J Williams Licence Number: 5/31/11/*g/075 Permit Version: Not Supplied Location: Spring Fed Reservoir Point C Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): Not Supplied Details: Northampton Sanstone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1713	2	500900 311400
	Water Abstractions Operator: W J Williams Licence Number: 5/31/11/*g/075 Permit Version: Not Supplied Location: Borehole A , GREAT CASTERTON Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): Not Supplied Details: Northampton Sanstone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1717	2	500900 311395
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A12SE (E)	0	3	501899 313002
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A12SE (E)	0	3	502000 313082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Principle Bedrock Aquifer - High Vulnerability</p> <p>Classification: High</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial <90%</p> <p>Patchiness: <3m</p> <p>Superficial Thickness: No Data</p> <p>Superficial Recharge: No Data</p>	A11SE (S)	0	3	501093 313000
	<p>Groundwater Vulnerability Map</p> <p>Combined Principle Bedrock Aquifer - High Vulnerability</p> <p>Classification: High</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial <90%</p> <p>Patchiness: <3m</p> <p>Superficial Thickness: No Data</p> <p>Superficial Recharge: No Data</p>	A8NE (SE)	0	3	502000 312823
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability</p> <p>Classification: High</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial <90%</p> <p>Patchiness: <3m</p> <p>Superficial Thickness: No Data</p> <p>Superficial Recharge: No Data</p>	A12SE (E)	0	3	501899 313000
	<p>Groundwater Vulnerability Map</p> <p>Combined Secondary Bedrock Aquifer - High Vulnerability</p> <p>Classification: High</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial <90%</p> <p>Patchiness: <3m</p> <p>Superficial Thickness: No Data</p> <p>Superficial Recharge: No Data</p>	A12SE (E)	0	3	502000 313000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A11SW (W)	0	3	501000 313209
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A11SE (W)	0	3	501093 313209
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A12SE (E)	0	3	502000 313209
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	A11SE (S)	0	3	501093 313000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	A12SE (E)	0	3	502000 313000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A11SW (W)	0	3	501000 313209
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	A11SE (W)	0	3	501093 313209
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	A12SE (E)	0	3	502000 313209
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A12SE (E)	0	3	501899 313002
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A11SE (W)	0	3	501093 313209
	Superficial Aquifer Designations No Data Available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A11SE (W)	0	2	501093 313209
2	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A11SE (W)	0	2	501093 313209
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A12NE (E)	0	4	501805 313500
4	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 608.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A15SE (N)	0	4	501304 313778
5	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A15SE (N)	4	4	501037 313927
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A15SE (N)	5	4	501052 313928
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 307.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A15SE (N)	6	4	501256 313776
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A15SE (N)	12	4	501033 313927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 790.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A15SW (NW)	15	4	500779 313769
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 470.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A8SE (SE)	175	4	501904 312319
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A8SE (SE)	441	4	501898 312320
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 359.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A8SW (SE)	442	4	501547 312327
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A8SW (SE)	593	4	501542 312325
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A8SW (SE)	596	4	501497 312311
15	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A10NW (NW)	627	4	500330 313634
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 525.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A3NE (S)	630	4	501029 312265
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A8SW (SE)	630	4	501497 312311

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A10NW (NW)	637	4	500319 313638
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A10NW (NW)	649	4	500307 313639
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A6NW (W)	654	4	500345 312960
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A10SW (W)	717	4	500263 312994
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 311.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A10SW (W)	719	4	500260 312993
23	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 288.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A3NE (S)	739	4	501178 312182
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A4SE (SE)	847	4	501789 311930
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 521.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A3NW (S)	886	4	500992 312272
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A3NE (S)	890	4	501141 312198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A3NE (S)	893	4	501104 312215
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A4SE (SE)	898	4	501824 311868
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A4SE (SE)	900	4	501827 311865
30	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	A4SE (SE)	906	4	501834 311857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Kesteven District Council - Has supplied landfill data		0	6	501250 313781
	Local Authority Landfill Coverage Name: Rutland Unitary Council - Has supplied landfill data		0	5	501093 313209
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	501250 313781
31	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A14NE (NW)	518	-	500566 314114
32	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A10NW (W)	629	-	500325 313404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	A11SE (W)	0	1	501093 313209
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (E)	0	1	501899 313002
	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	A11SE (W)	0	1	501093 313209
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16NE (NE)	90	1	501959 314000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	(SE)	169	1	502057 312526
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A16NE (NE)	198	1	501841 314074
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NW (S)	316	1	501024 312890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (S)	320	1	501000 312896
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (SE)	333	1	501947 312361
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NE (SE)	336	1	501873 312141
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (NW)	386	1	500504 313848
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A3NW (S)	423	1	500857 312039
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NE (NW)	505	1	500483 313999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SE (NW)	591	1	500374 313767
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SE (NW)	593	1	500386 313807
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14NE (NW)	703	1	500451 314318
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A10SW (W)	740	1	500223 313043
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A10SW (W)	754	1	500217 313012
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A3NE (S)	778	1	501093 312000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic: 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium: <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium: 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel: 15 - 30 mg/kg</p> <p>Concentration:</p>	A10NW (W)	785	1	500169 313432
33	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Little Warren Pits</p> <p>Location: Little Bytham, Stamford, Lincolnshire</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 163702</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Jurassic</p> <p>Geology: Upper Lincolnshire Limestone Member</p> <p>Commodity: Limestone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A15SE (N)	123	1	501210 313970
34	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Little Warren Pits</p> <p>Location: Little Bytham, Stamford, Lincolnshire</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 163701</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Jurassic</p> <p>Geology: Upper Lincolnshire Limestone Member</p> <p>Commodity: Limestone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A15NE (N)	169	1	501075 314090
35	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Newell Wood Gravel Pit</p> <p>Location: Pickworth, Stamford, Lincolnshire</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 163699</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Quaternary</p> <p>Geology: Glaciofluvial Deposits, Mid Pleistocene</p> <p>Commodity: Sand and Gravel</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A14NE (NW)	511	1	500570 314105
36	<p>BGS Recorded Mineral Sites</p> <p>Site Name: The Heath Quarry</p> <p>Location: Pickworth, Stamford, Lincolnshire</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 244655</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Jurassic</p> <p>Geology: Upper Lincolnshire Limestone Member</p> <p>Commodity: Limestone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A16NW (N)	544	1	501451 314319
37	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Turnpole Wood</p> <p>Location: Pickworth, Oakham, Rutland</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 46730</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Jurassic</p> <p>Geology: Upper Lincolnshire Limestone Member</p> <p>Commodity: Limestone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	A10NW (W)	643	1	500312 313413

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	501864 312992
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	501546 313303
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (E)	0	1	502009 312953
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	501899 313002
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A15SE (N)	0	1	501049 313901
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7SE (S)	15	1	501316 312442
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	68	1	501755 314048
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	90	1	501841 314074
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	150	1	501902 314129
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	198	1	501885 314157
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	169	1	502057 312526
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	169	1	502057 312526

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501075 313209
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	1	501093 313076
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	501975 313001
	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	A12SE (E)	0	1	501975 312976
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501075 313209
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	0	1	501093 313076
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	501093 313209
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	0	1	501975 313001
	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	A12SE (E)	0	1	501975 312976

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Ancient Woodland Name: Tolethorpe Oaks Reference: 1115398 Area(m ²): 7942.1 Type: Plantation on Ancient Woodland	(SE)	209	9	502196 312422
39	Ancient Woodland Name: Tolethorpe Oaks Reference: 1115398 Area(m ²): 84770.79 Type: Ancient and Semi-Natural Woodland	A4NE (SE)	275	9	501902 312297
40	Ancient Woodland Name: Castledike Wood Reference: 1115396 Area(m ²): 19927.85 Type: Plantation on Ancient Woodland	A15NW (N)	282	9	500880 314167
41	Ancient Woodland Name: Castledike Wood Reference: 1115396 Area(m ²): 498825.66 Type: Ancient and Semi-Natural Woodland	A15NW (N)	292	9	500739 314113
42	Ancient Woodland Name: Not Supplied Reference: 1412963 Area(m ²): 172905.03 Type: Plantation on Ancient Woodland	A7NW (SW)	309	9	500846 312919
43	Ancient Woodland Name: Not Supplied Reference: 1412961 Area(m ²): 60580.53 Type: Ancient and Semi-Natural Woodland	A10SE (W)	476	9	500514 313017
44	Nitrate Vulnerable Zones Name: Glen Nvz Description: Surface Water Source: Environment Agency, Head Office	A11SE (W)	0	3	501093 313209
45	Nitrate Vulnerable Zones Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	A11SE (W)	0	3	501093 313209
46	Nitrate Vulnerable Zones Name: River Welland Nvz Description: Surface Water Source: Environment Agency, Head Office	A4SE (SE)	977	3	501718 311722
47	Sites of Special Scientific Interest Name: Ryhall Pasture And Little Warren Verges Multiple Areas: N Total Area (m2): 62420.36 Source: Natural England Reference: 1004094 Designation Details: Site Of Special Scientific Interest Designation Date: 1st December 1983 Date Type: Notified	A16NW (NE)	0	9	501534 314021
48	Sites of Special Scientific Interest Name: Newell Wood Multiple Areas: N Total Area (m2): 333405.41 Source: Natural England Reference: 1000980 Designation Details: Site Of Special Scientific Interest Designation Date: 1st May 1983 Date Type: Notified	A15NW (N)	350	9	500748 314110

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Kesteven District Council - Environmental Health Environment Agency - Head Office Rutland Unitary Council - Environmental Health Department	April 2015 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	January 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Variable Variable
Local Authority Pollution Prevention and Controls South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	February 2022	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Water Abstractions Environment Agency - Anglian Region	January 2022	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified


Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	January 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Local Authority Landfill Coverage Lincolnshire County Council Rutland Unitary Council - Environmental Health Department South Kesteven District Council - Environmental Health	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council Rutland Unitary Council - Environmental Health Department South Kesteven District Council - Environmental Health	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department Rutland Unitary Council - Planning Support South Kesteven District Council	August 2010 February 2016 February 2016	Variable Variable Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department Rutland Unitary Council - Planning Support South Kesteven District Council	August 2007 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2022	Quarterly
Points of Interest - Education and Health PointX	March 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2022	Quarterly
Points of Interest - Public Infrastructure PointX	March 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Rutland Unitary Council - Planning Support South Kesteven District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Rutland Unitary Council - Planning Support South Kesteven District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report






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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Rutland Unitary Council - Environmental Health Department Catmose, Rutland, Oakham, Leicestershire, LE15 6HP	Telephone: 01572 722577 Fax: 01572 758307 Website: www.rutland.gov.uk
6	South Kesteven District Council - Environmental Health Council Offices, St Peters Hill, Grantham, Lincolnshire, NG31 6PZ	Website: www.southkesteven.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk








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

Geology 1:50,000 Maps Legends

Superficial Geology

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

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BWL	Blisworth Limestone Formation	Limestone	Not Supplied - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Not Supplied - Bathonian
	CB	Combrash Formation	Limestone	Not Supplied - Bathonian
	RLD	Rutland Formation	Argillaceous Rocks with Subordinate Sandstone and Limestone	Not Supplied - Bajocian
	LLL	Lower Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	ULL	Upper Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
		Faults		

Geology 1:50,000 Maps

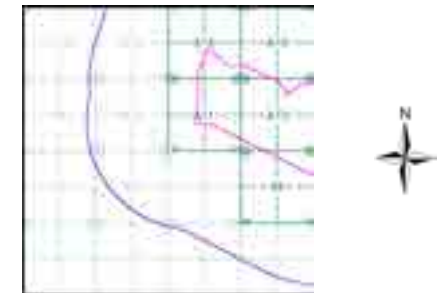
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	157
Map Name:	Stamford
Map Date:	1978
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

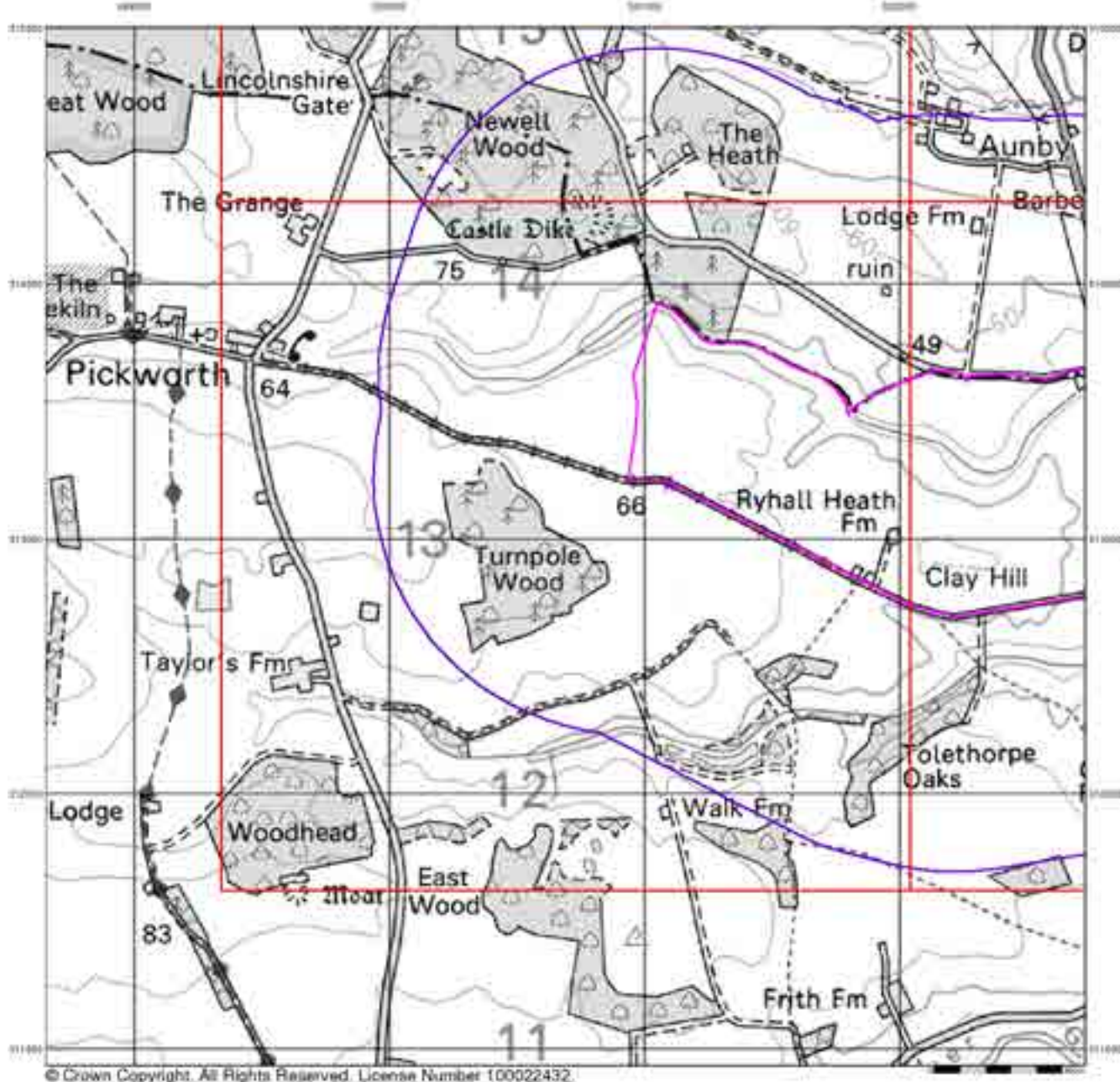


Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	501090, 313210
Slice:	A
Site Area (Ha):	162.75
Search Buffer (m):	1000

Site Details:

Site at 502039,313310



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Artificial Ground and Landslip

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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

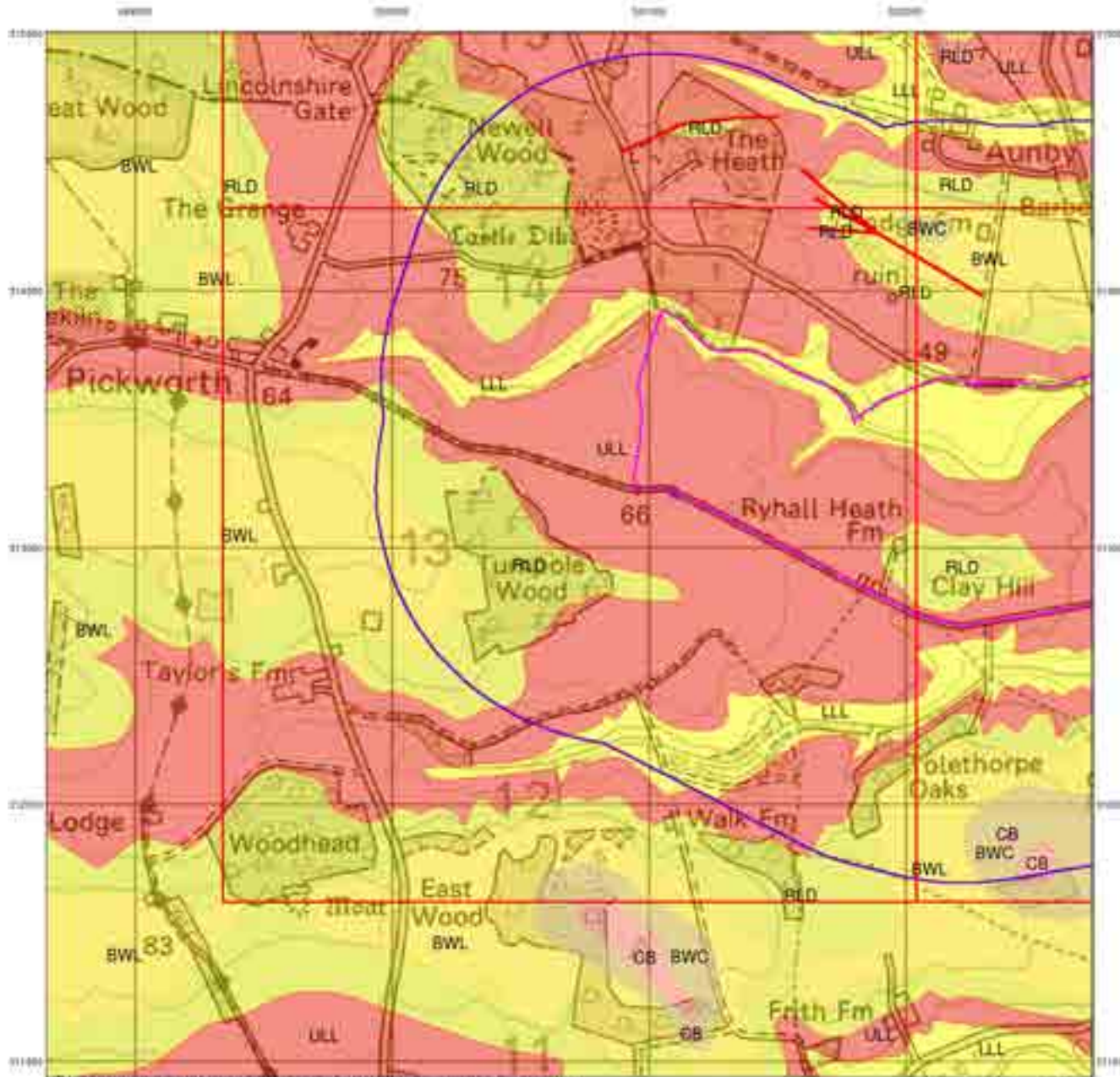
Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

Site at 502039,313310

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Bedrock and Faults

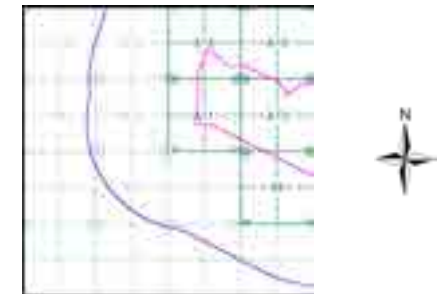
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

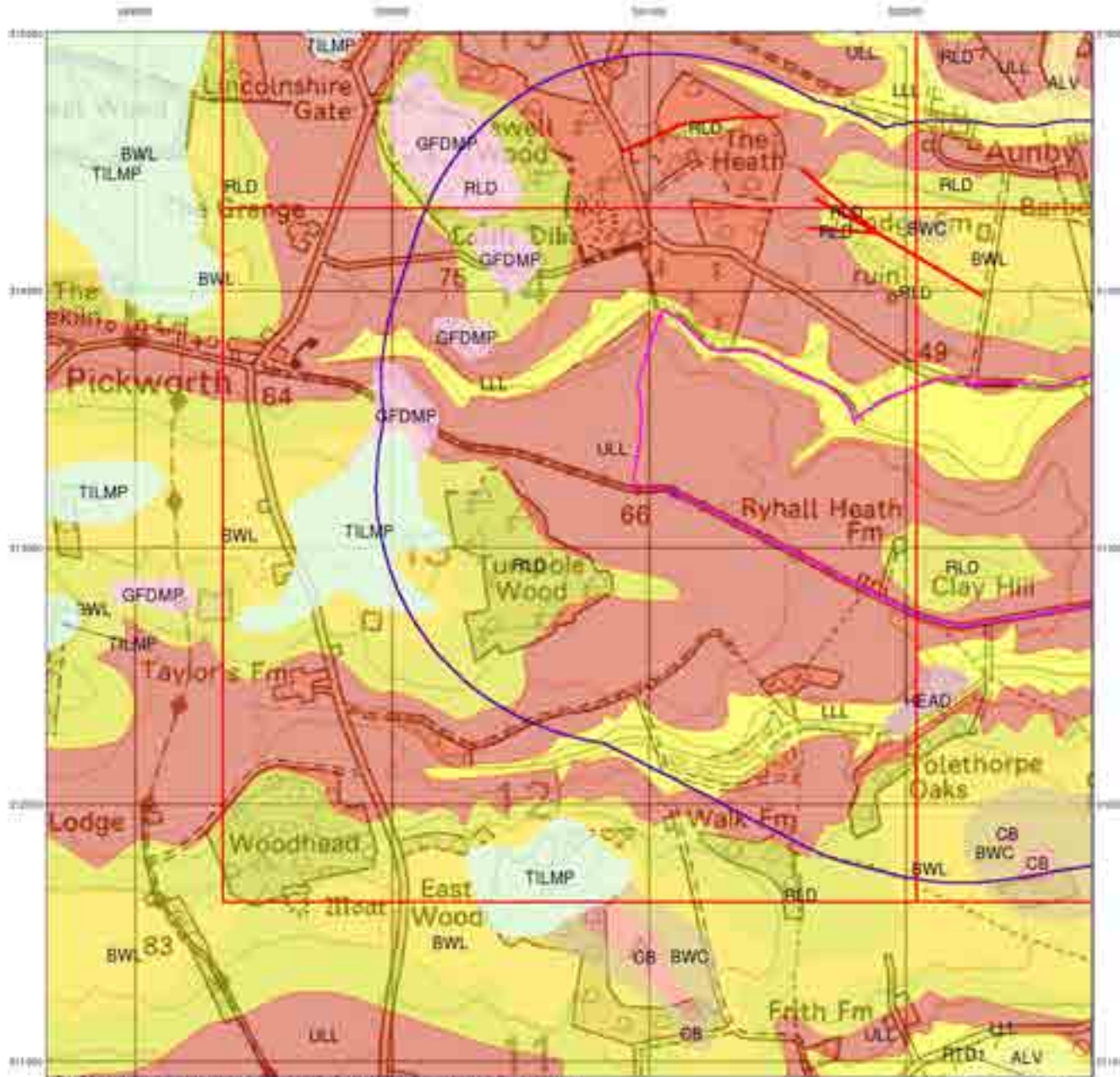
Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

Site at 502039,313310

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Combined Surface Geology

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

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

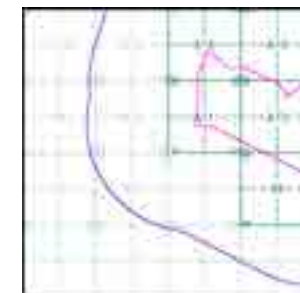
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	501090, 313210
Slice:	A
Site Area (Ha):	162.75
Search Buffer (m):	1000

Site Details:

Site at 502039,313310

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		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 Burgh 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
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Direction of Flow of Water
	Glasshouse		Shingle
			Sand
	Sloping Masonry		Pylon
			Electricity Transmission Line
			Pole
	Cutting		Embankment
	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 Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

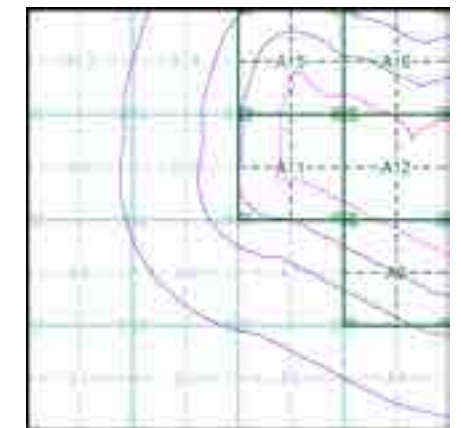
1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	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
Rutland	1:10,560	1884	2
Rutland	1:10,560	1887	3
Rutland	1:10,560	1905	4
Lincolnshire	1:10,560	1905	5
Lincolnshire	1:10,560	1952	6
Rutland	1:10,560	1952	7
Ordnance Survey Plan	1:10,000	1958 - 1959	8
Ordnance Survey Plan	1:10,000	1974	9
Ordnance Survey Plan	1:10,000	1980 - 1983	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

Historical Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Rutland

Published 1884

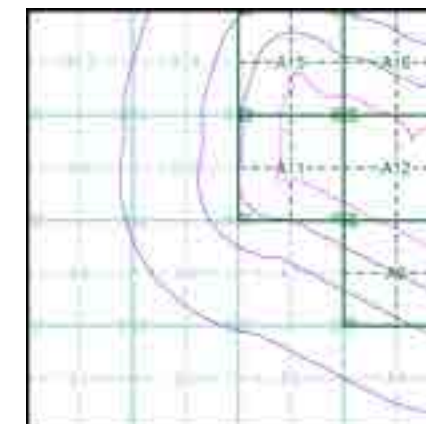
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

006NE
1884
1:10,560
006SE
1884
1:10,560

Historical Map - Slice A

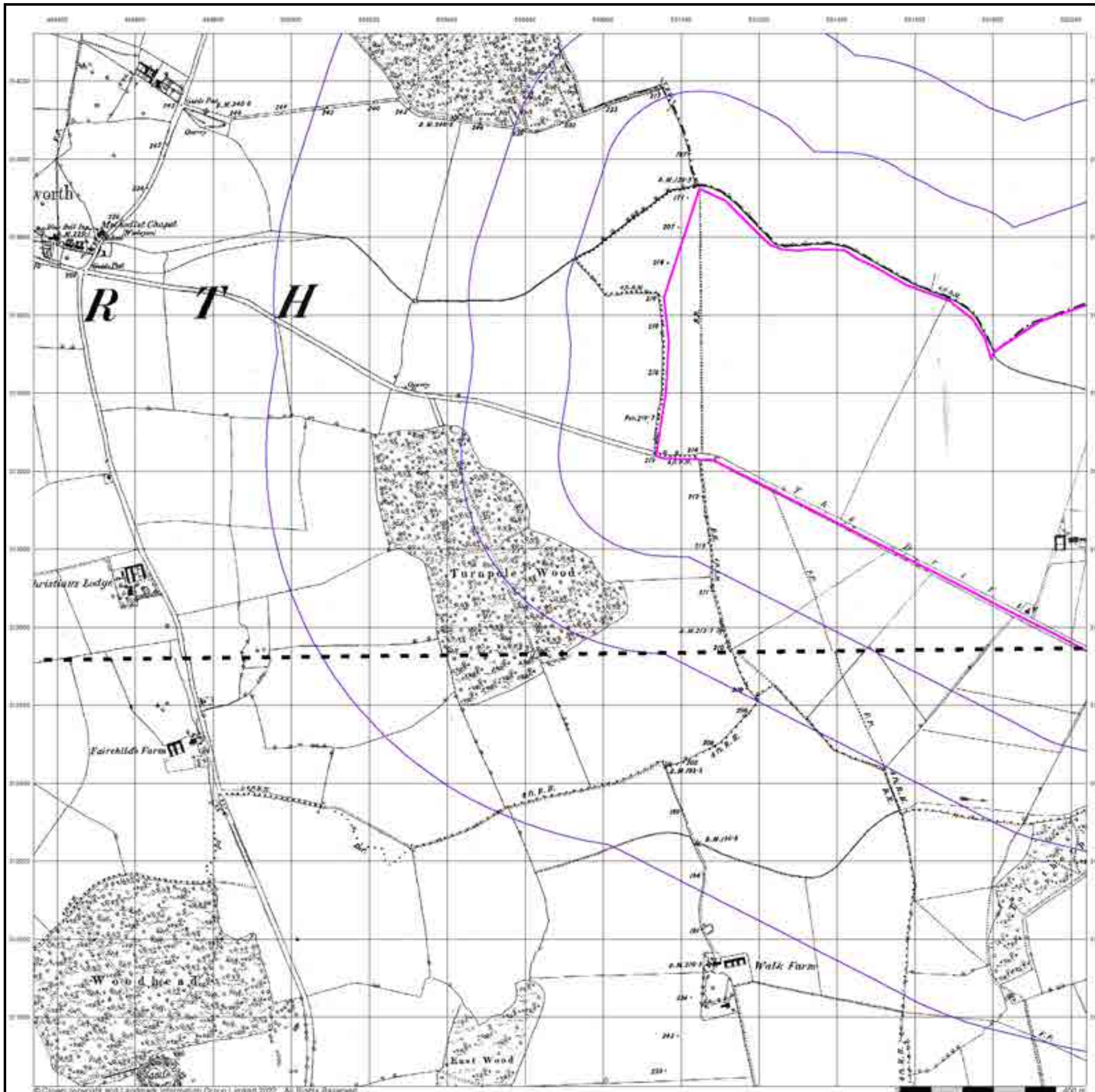


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



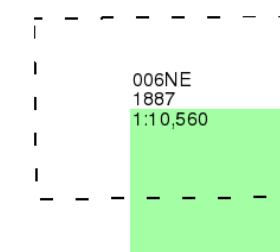
Rutland

Published 1887

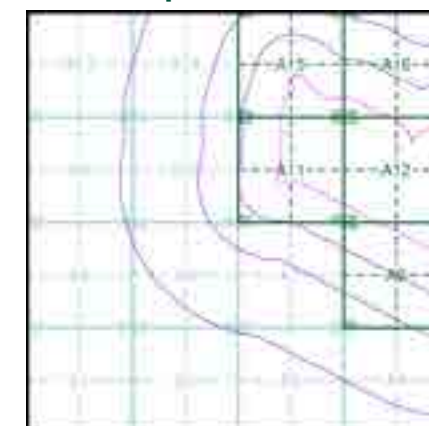
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

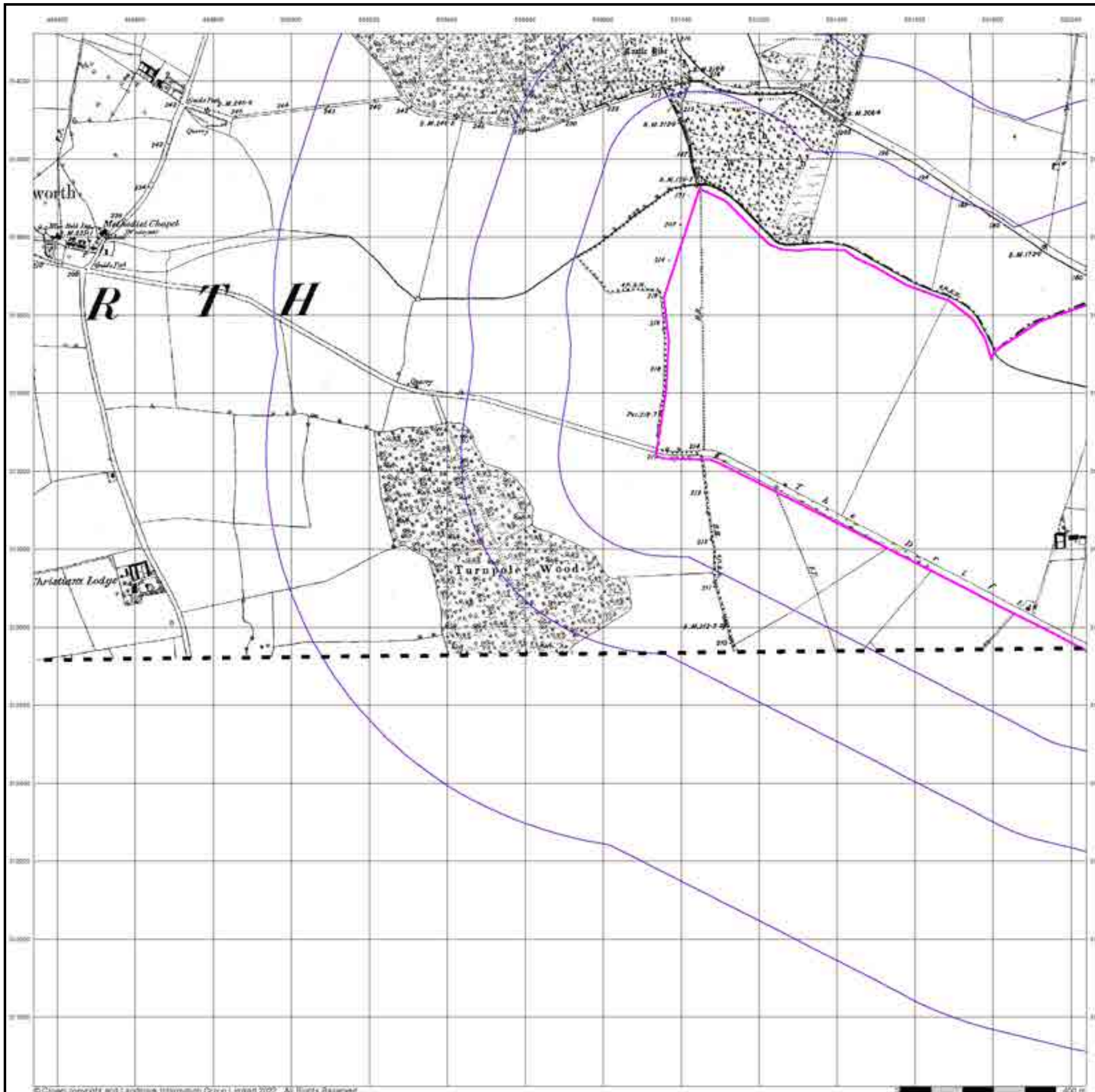


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



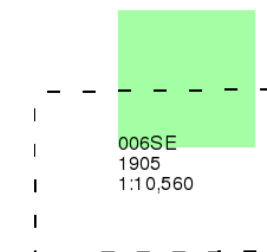
Rutland

Published 1905

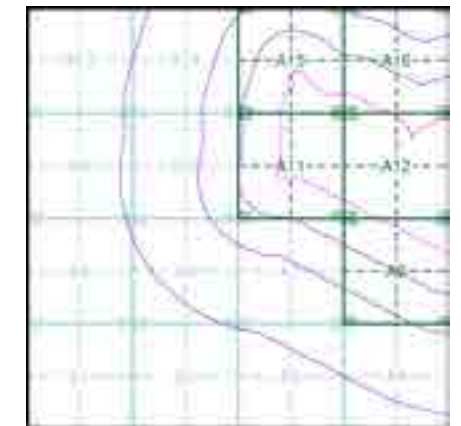
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

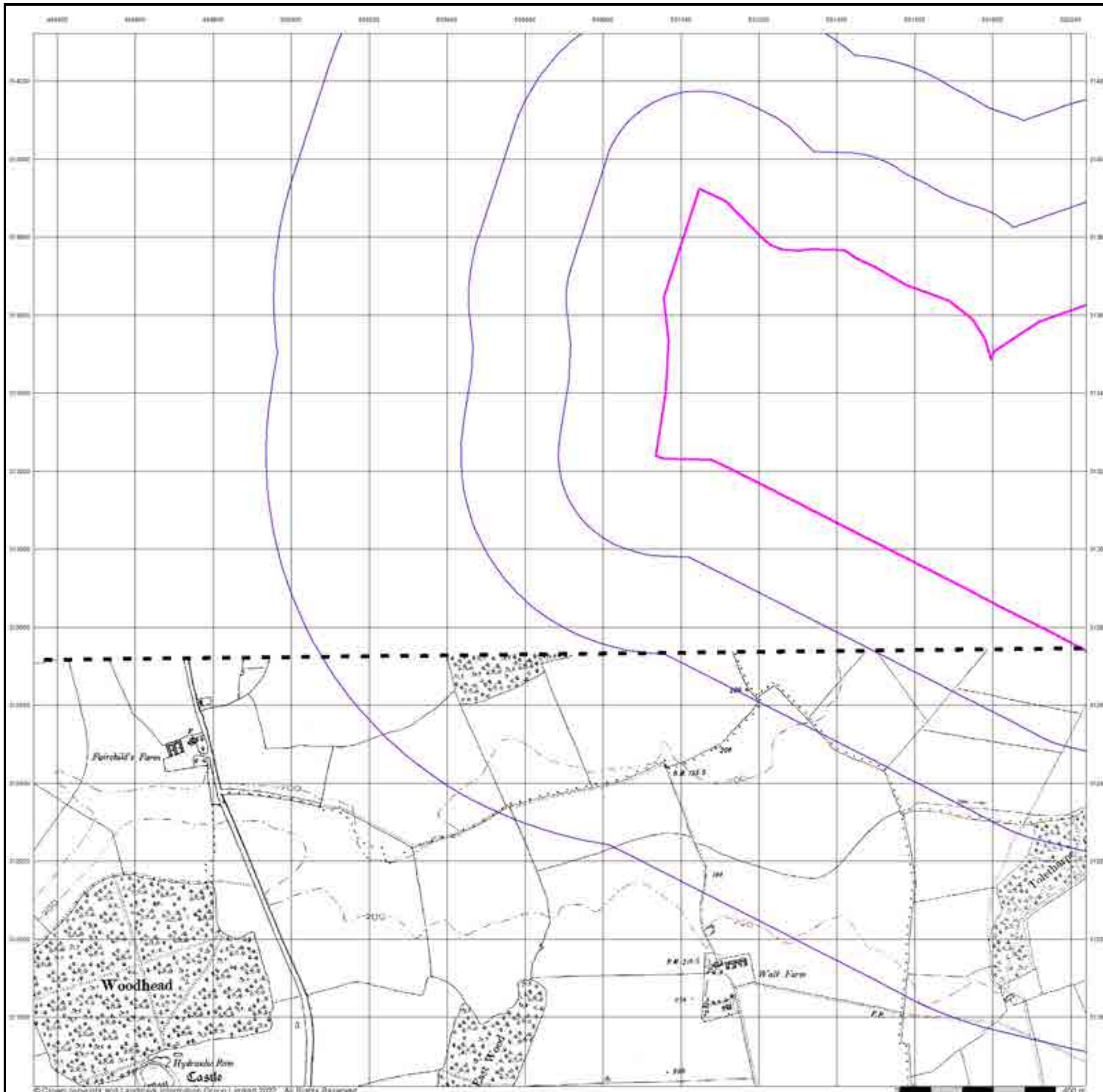


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



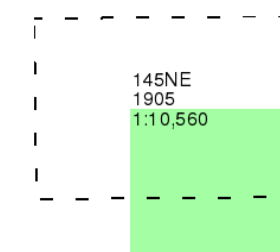
Lincolnshire

Published 1905

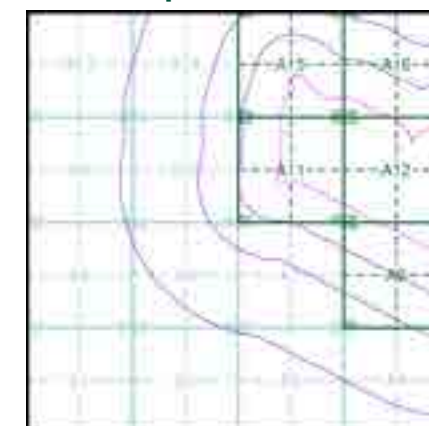
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

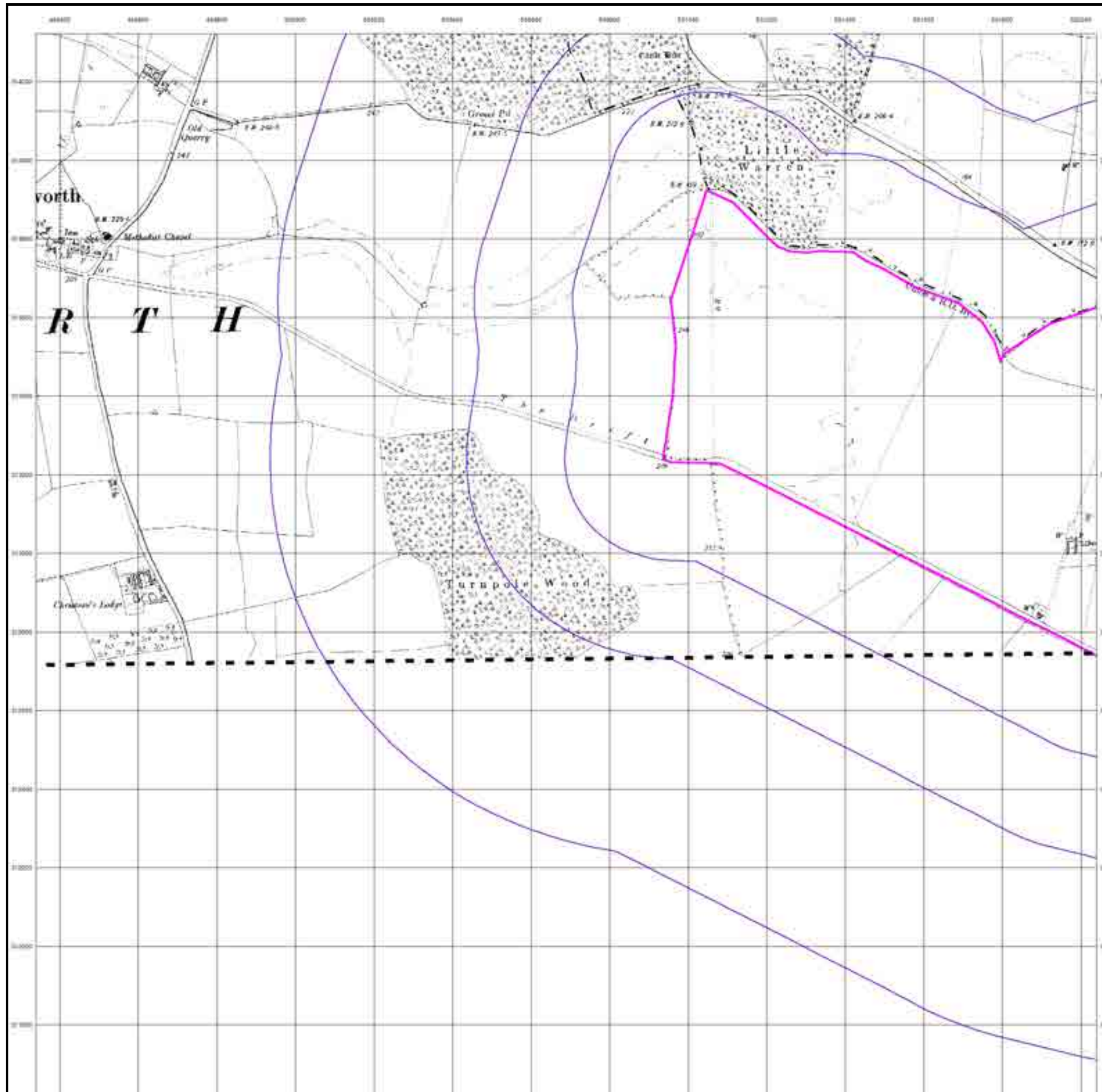


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



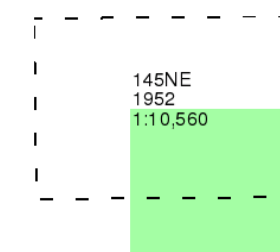
Lincolnshire

Published 1952

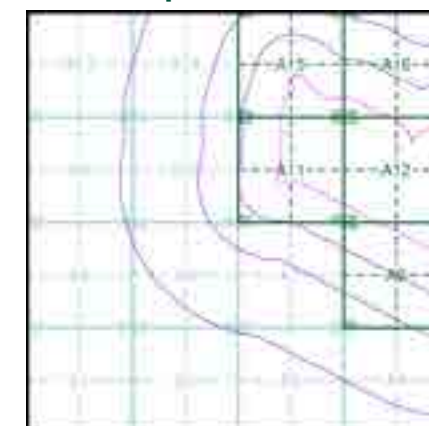
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

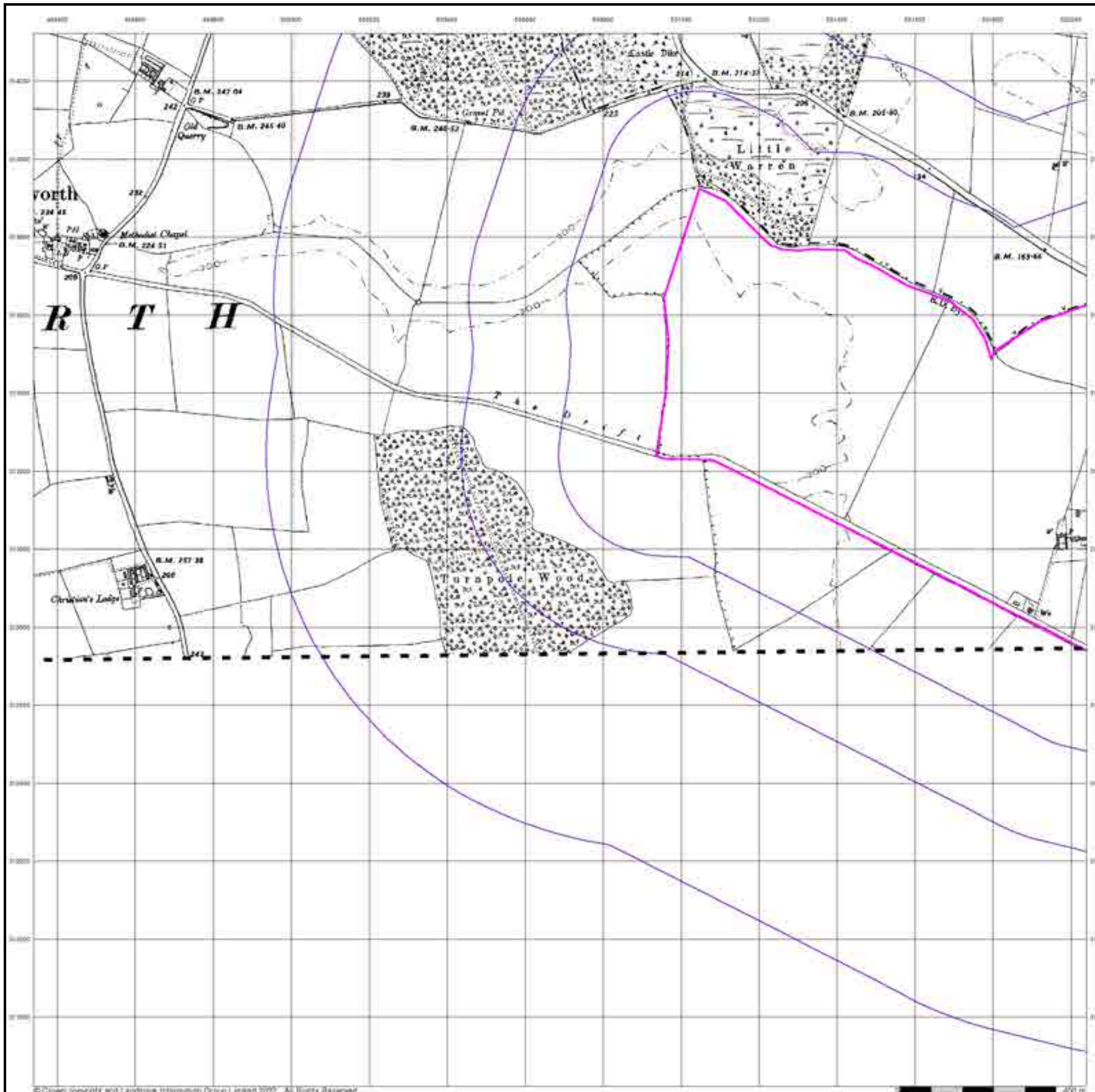


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



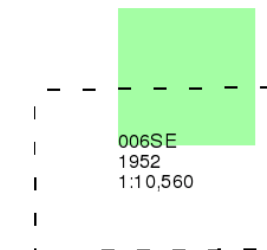
Rutland

Published 1952

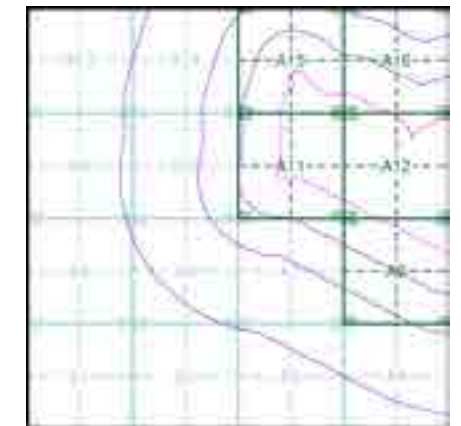
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

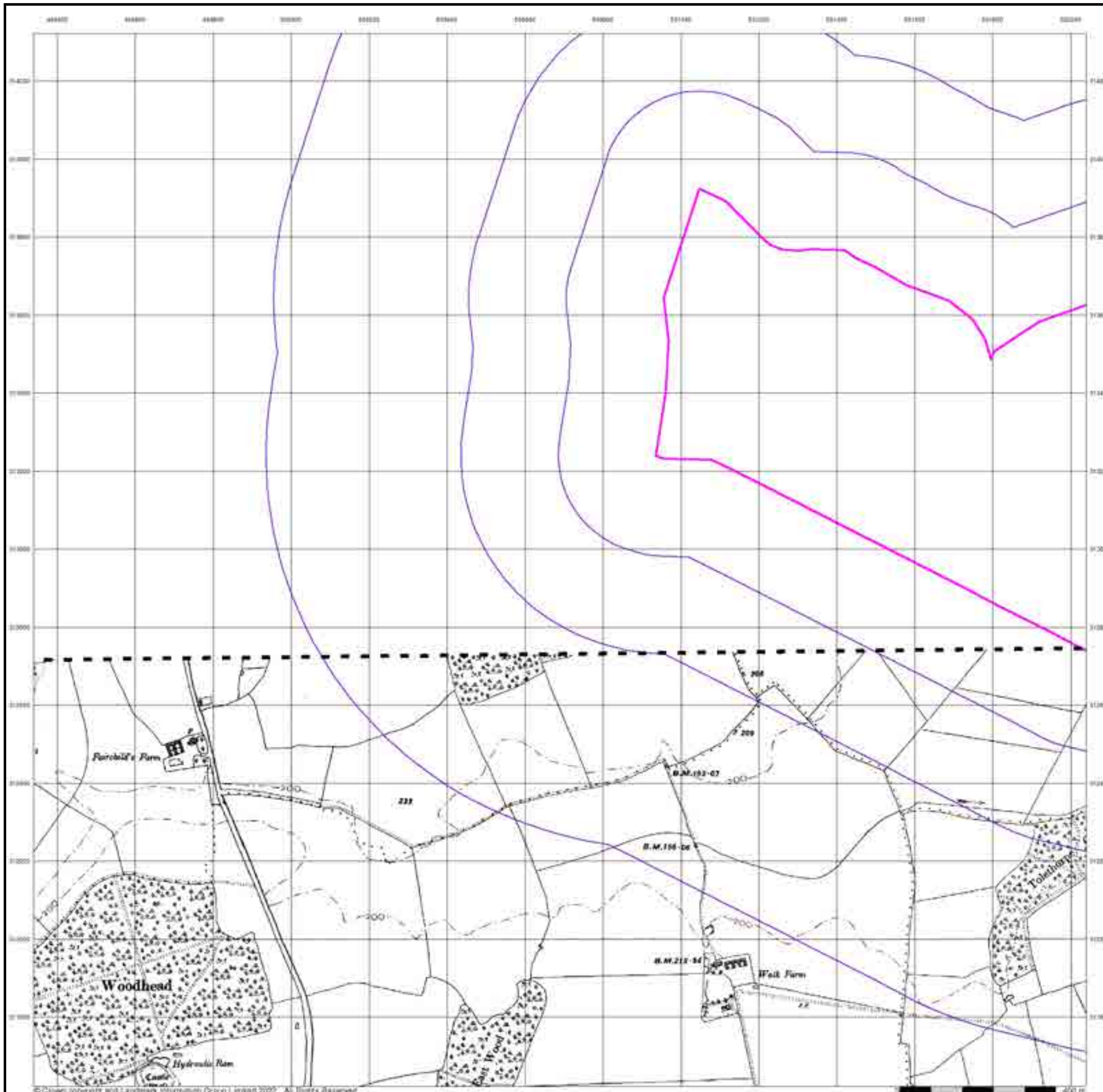


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1958 - 1959

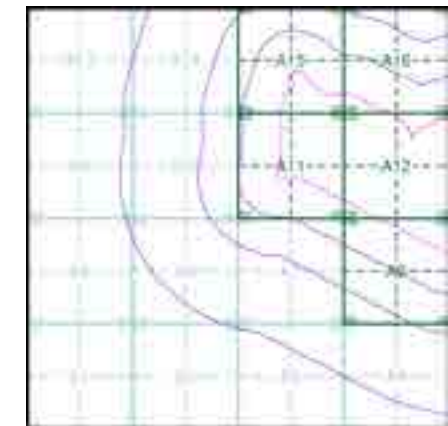
Source map scale - 1:10,000

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)

SK91SE 1958 1:10,560	TF01SW 1959 1:10,560
----------------------------	----------------------------

Historical Map - Slice A

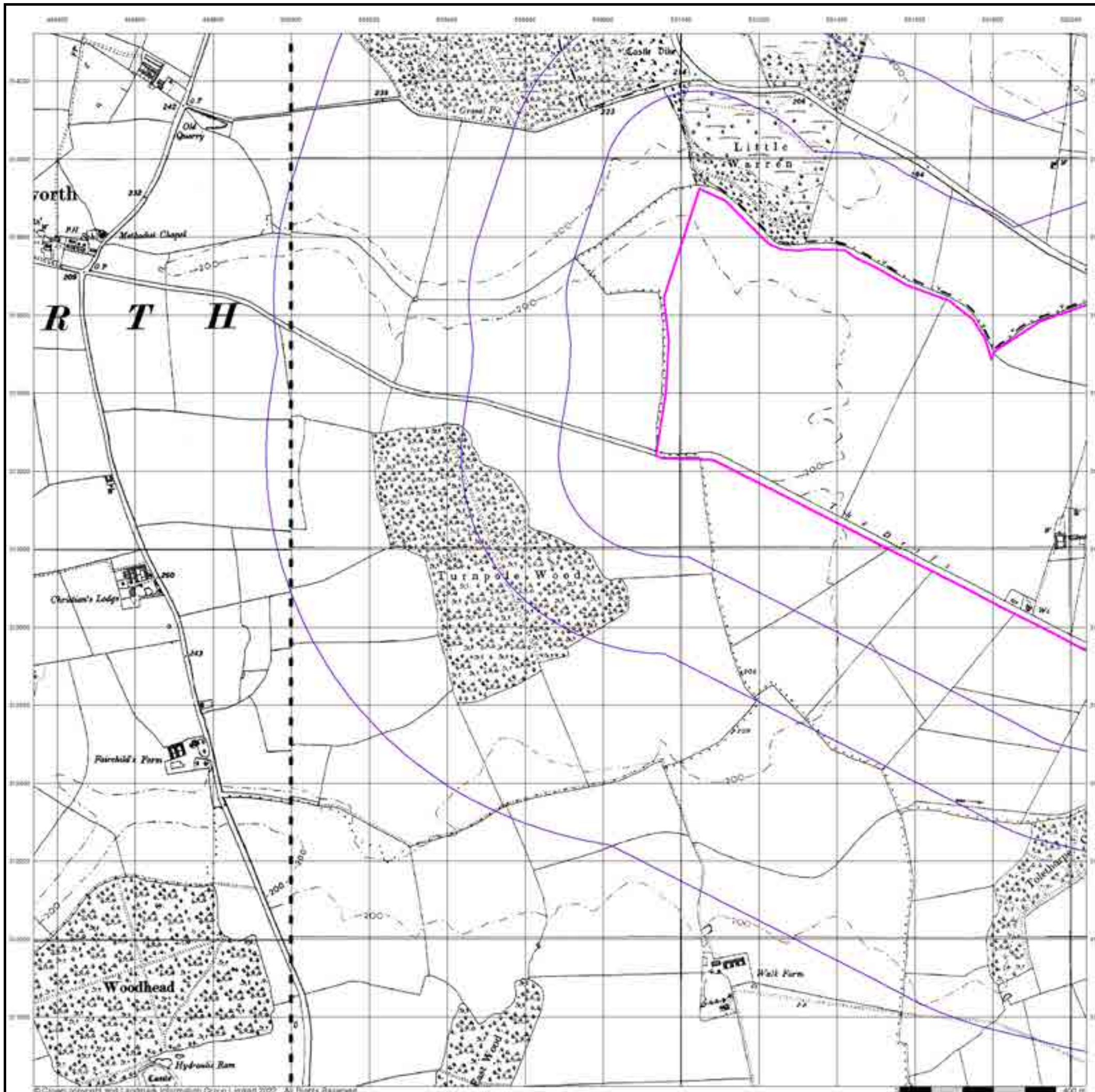


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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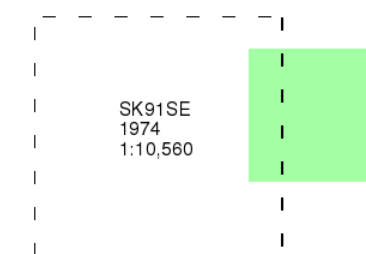
Ordnance Survey Plan

Published 1974

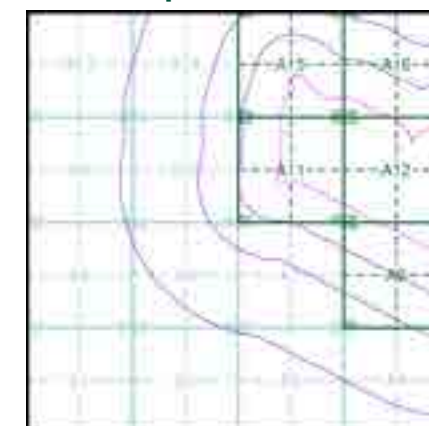
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



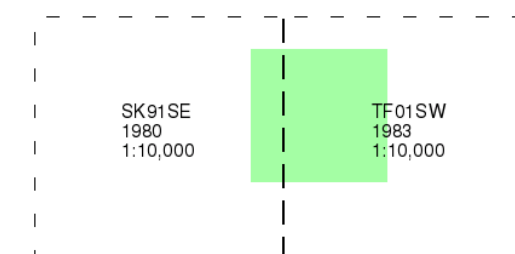
Ordnance Survey Plan

Published 1980 - 1983

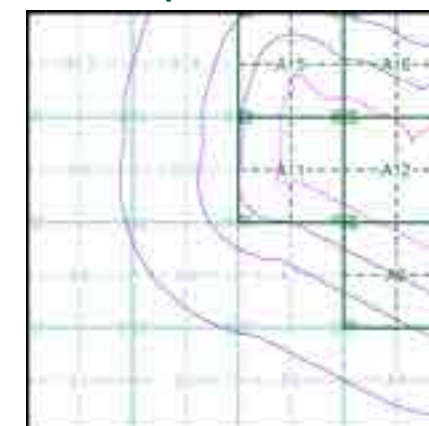
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

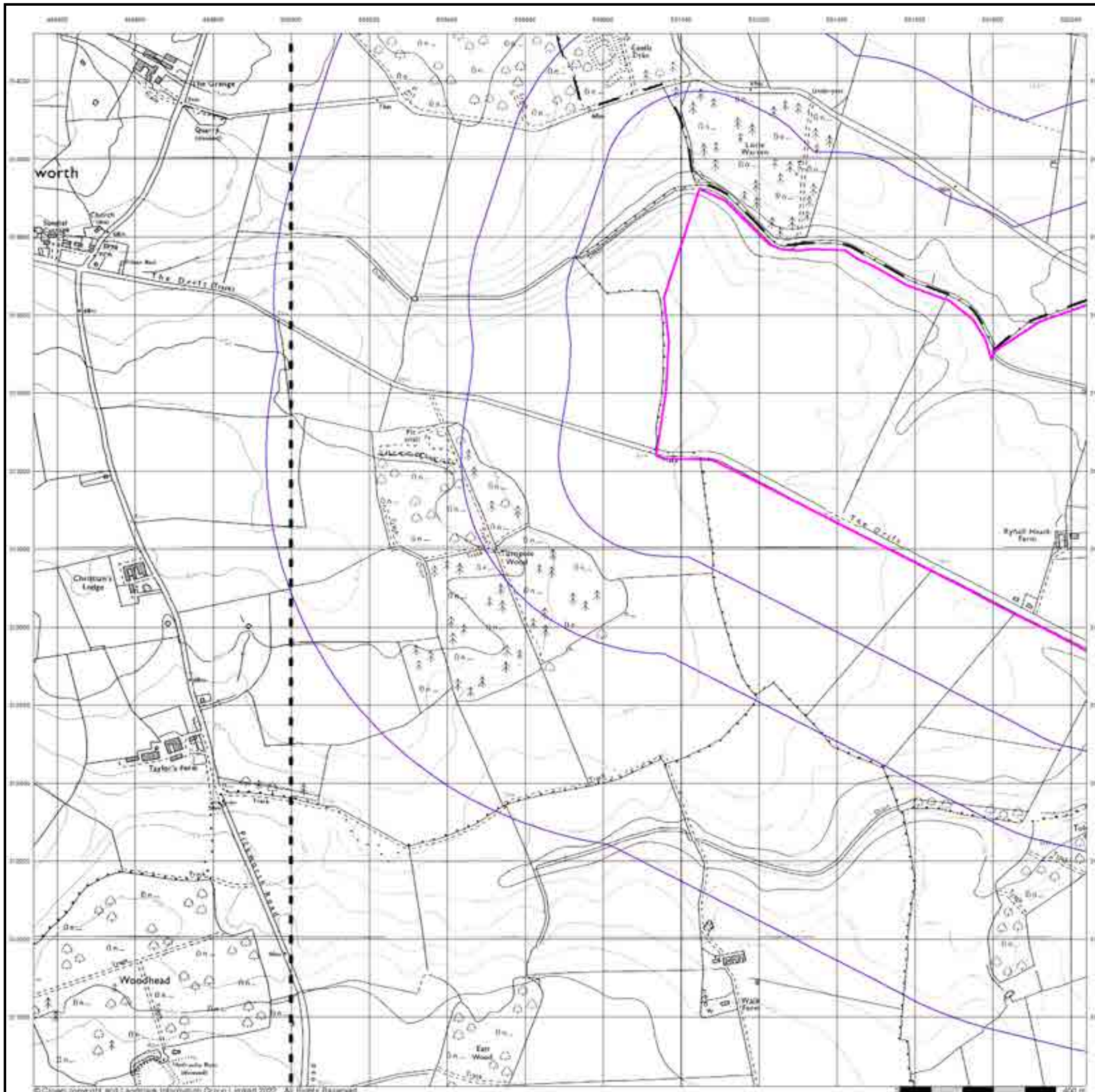


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



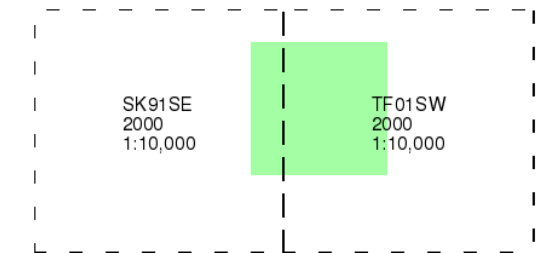
10k Raster Mapping

Published 2000

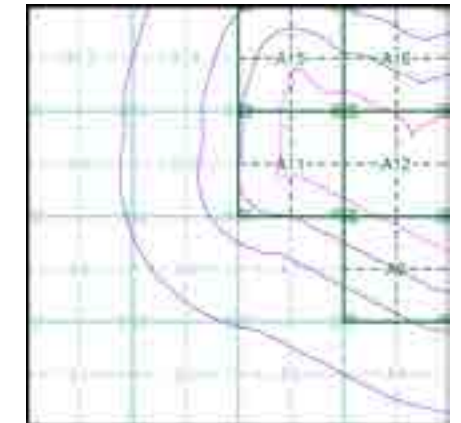
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

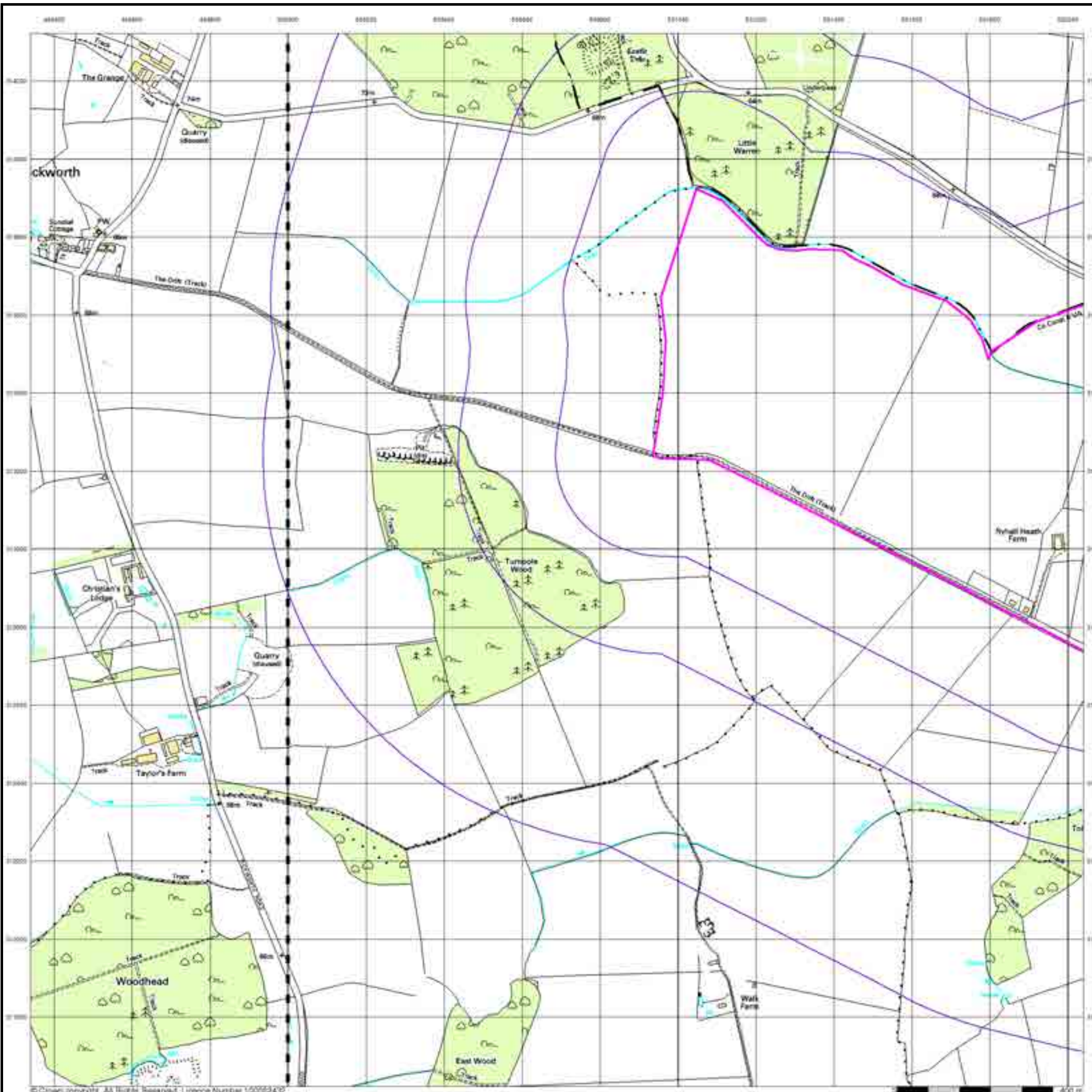


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
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 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



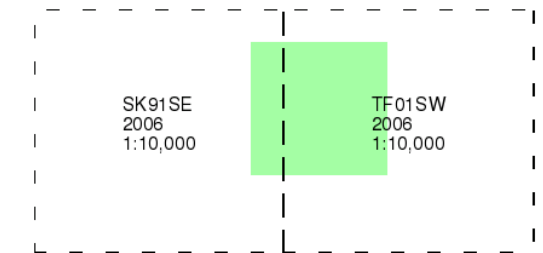
10k Raster Mapping

Published 2006

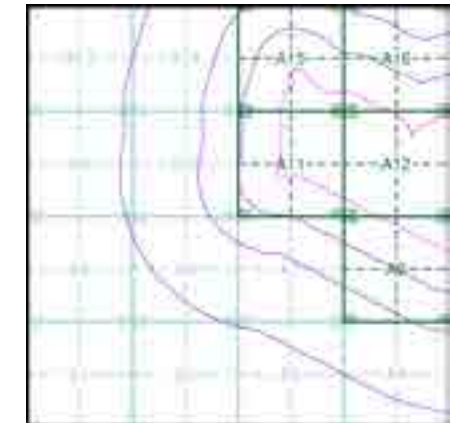
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

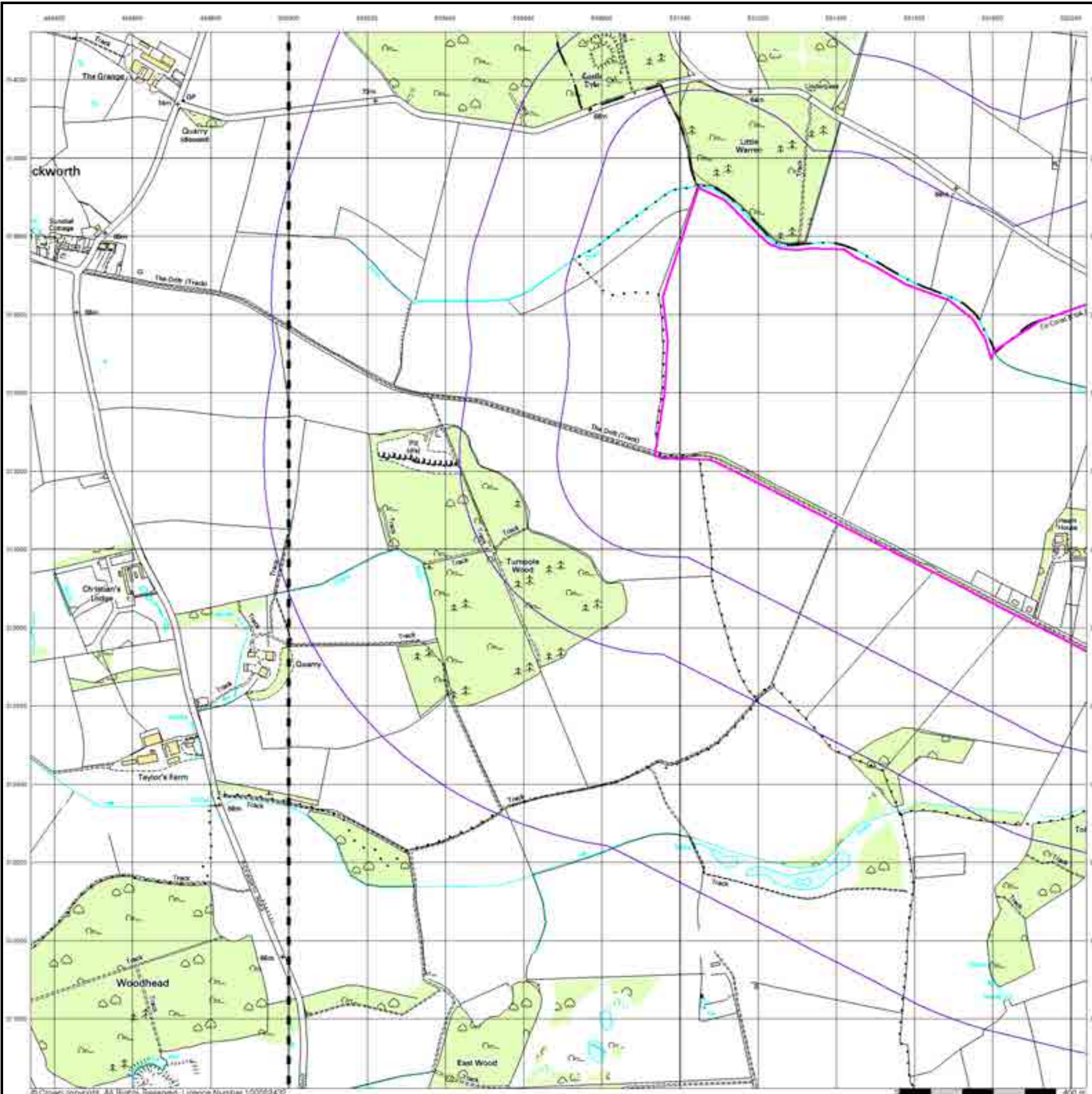


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



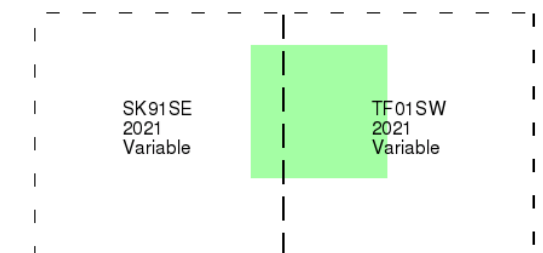
VectorMap Local

Published 2021

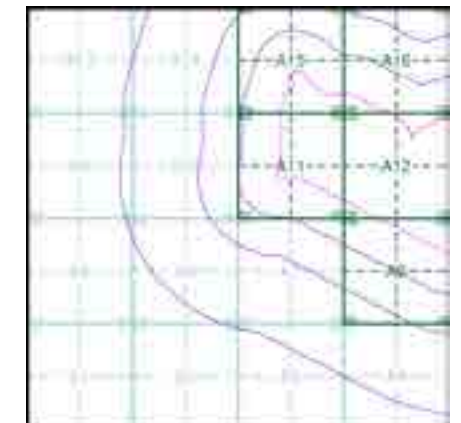
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

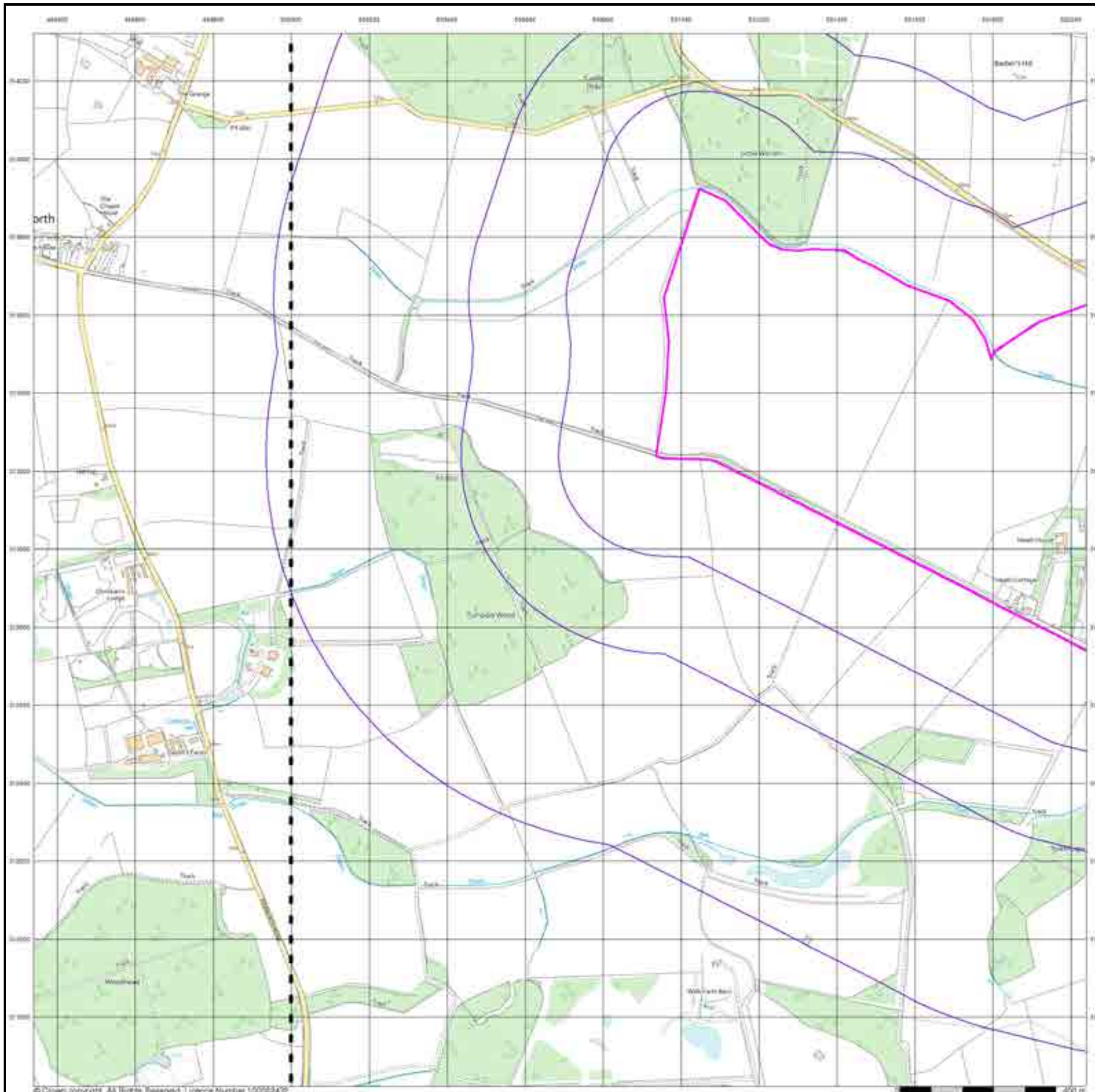


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

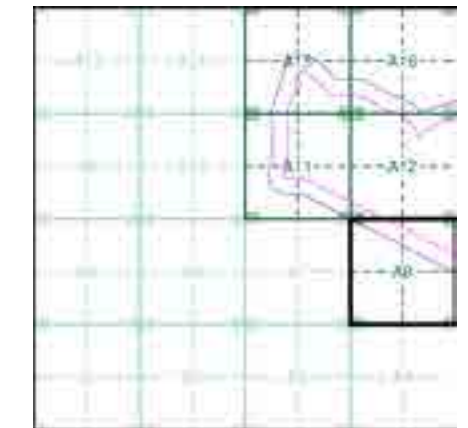
Site Details

Site at 502039,313310



- | | | |
|--|--|--|
| General | | <ul style="list-style-type: none"> Specified Site Specified Buffer(s) Bearing Reference Point Map ID |
| <ul style="list-style-type: none"> Severance of Type at Location Pylon Overhead Transmission Line | | |
| Agency and Hydrological | | Waste |
| <ul style="list-style-type: none"> Contaminated Land Register Entry or Notice (Location) Contaminated Land Register Entry or Notice Discharge Consent Enforcement or Prohibition Notice Integrated Pollution Control Integrated Pollution Prevention Control Local Authority Integrated Pollution Prevention and Control Local Authority Pollution Prevention and Control Local Authority Pollution Prevention and Control Enforcement Pollution Incident to Controlled Waters Prosecution Relating to Authorised Processes Prosecution Relating to Controlled Interest Registered Radioactive Substance River Network or Water Feature River Quality Sampling Point Substantiated Pollution Incident Register Water Abstraction Water Industry Act Permit | <ul style="list-style-type: none"> BGS Recorded Landfill Site (Location) BGS Recorded Landfill Site EA Historic Landfill (Burial Pits) EA Historic Landfill (Pit/pond) Integrated Pollution Control Registered Waste Site Licensed Waste Management Facility (Landfill/Incinerator) Licensed Waste Management Facility (Location) Local Authority Recorded Landfill Site (Location) Local Authority Recorded Landfill Site Potentially Filled Land (Non-water) Potentially Filled Land (Non-water) Potentially Filled Land (Water) Potentially Filled Land (Water) Potentially Filled Land (Water) Registered Landfill Site Registered Landfill Site (Over 1000m²) Registered Landfill Site (Over 1000m²) Registered Waste Transfer Site (Location) Registered Waste Transfer Site Registered Waste Treatment or Disposal Site (Location) Registered Waste Treatment or Disposal Site | |
| Hazardous Substances | | |
| <ul style="list-style-type: none"> COMAH Site Explosive Site NEHS Site Planning Hazardous Substance Consent Planning Hazardous Substance Enforcement BGS Recorded Mine Site | | |
| Geological | | |

Site Sensitivity Map - Segment A8



Order Details

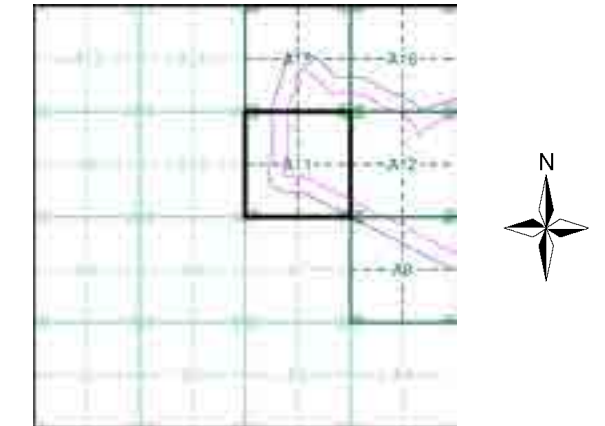
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- | | | | | |
|--------------------------------|--|--|--|--|
| General | | | | |
| | | | | |
| Agency and Hydrological | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Hazardous Substances | | | | |
| Waste | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Site Sensitivity Map - Segment A11



Order Details

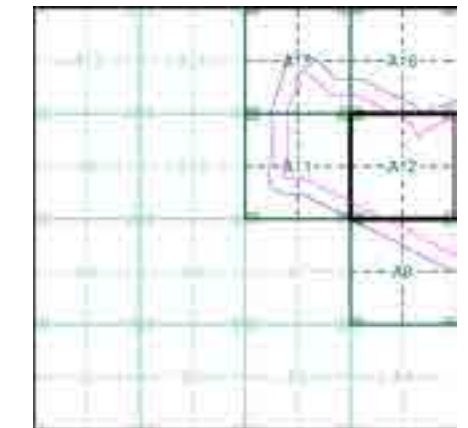
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- | | | |
|--|---|---|
| <p>General</p> <ul style="list-style-type: none"> Specified Site Boundary of Type at Location Discharge Consent Enforcement or Prohibition Notice Integrated Pollution Control Local Authority Integrated Pollution Prevention and Control Local Authority Pollution Prevention and Control Local Authority Pollution Prevention and Control Enforcement Pollution Incident to Controlled Waters Prosecution Relating to Authorised Processes Prosecution Relating to Controlled Waters Registered Radioactive Substance River Network or Water Feature River Quality Sampling Point Substantiated Pollution Incident Register Water Abstraction Water Industry Act Permit | <p>Agency and Hydrological</p> <ul style="list-style-type: none"> Contaminated Land Register Entry or Notice (Location) Contaminated Land Register Entry or Notice Discharge Consent Enforcement or Prohibition Notice Integrated Pollution Control Local Authority Integrated Pollution Prevention and Control Local Authority Pollution Prevention and Control Local Authority Pollution Prevention and Control Enforcement Pollution Incident to Controlled Waters Prosecution Relating to Authorised Processes Prosecution Relating to Controlled Waters Registered Radioactive Substance River Network or Water Feature River Quality Sampling Point Substantiated Pollution Incident Register Water Abstraction Water Industry Act Permit | <p>Waste</p> <ul style="list-style-type: none"> BGS Recorded Landfill Site (Location) BGS Recorded Landfill Site EA Historic Landfill (Burial Park) EA Historic Landfill (Industry) Integrated Pollution Control Registered Waste Site Licensed Waste Management Facility (Landfill Number) Licensed Waste Management Facility (Location) Local Authority Recorded Landfill Site (Location) Local Authority Recorded Landfill Site Potentially Filled Land (Non-water) Potentially Filled Land (Non-water) Potentially Filled Land (Water) Potentially Filled Land (Water) Potentially Filled Land (Water) Registered Landfill Site Registered Landfill Site (Over 100m³ or 100t) Registered Landfill Site (Over 100m³ or 100t) Registered Waste Transfer Site (Location) Registered Waste Transfer Site Registered Waste Treatment or Disposal Site (Location) Registered Waste Treatment or Disposal Site |
|--|---|---|

Site Sensitivity Map - Segment A12



Order Details

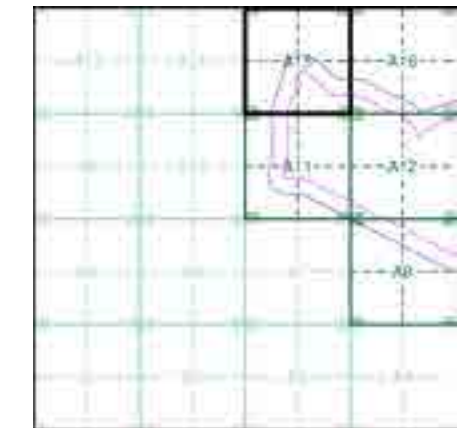
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- | | | |
|--|--|---|
| <p>General</p> <ul style="list-style-type: none"> Specified Site Specified Buffer(s) Boundary of Type at Location Pylon Overhead Transmission Line | <p>Agency and Hydrological</p> <ul style="list-style-type: none"> Contaminated Land Register Entry or Notice (Location) Contaminated Land Register Entry or Notice Discharge Consent Enforcement or Prohibition Notice Integrated Pollution Control Integrated Pollution Prevention Control Local Authority Integrated Pollution Prevention and Control Local Authority Pollution Prevention and Control Local Authority Pollution Prevention and Control Enforcement Pollution Incident to Controlled Waters Prosecution Relating to Authorised Processes Prosecution Relating to Combined Wastewater Registered Radioactive Substance River Network or Water Feature River Quality Sampling Point Substantiated Pollution Incident Register Water Abstraction Water Industry Act Permit | <p>Waste</p> <ul style="list-style-type: none"> DOS Recorded Landfill Site (Location) DOS Recorded Landfill Site EA Historic Landfill (Burial Park) EA Historic Landfill (Refuge) Integrated Pollution Control Registered Waste Site Licensed Waste Management Facility (Landfill) (Number) 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 (Water) Potentially Infilled Land (Water) Registered Landfill Site (Location) Registered Landfill Site (Pure Refuse or IRR) Registered Landfill Site (Pure Refuse or IRR) Registered Waste Transfer Site (Location) Registered Waste Transfer Site Registered Waste Treatment or Disposal Site (Location) Registered Waste Treatment or Disposal Site |
| <p>Hazardous Substances</p> <ul style="list-style-type: none"> COMAH Site Explosive Site NEHS Site Planning Hazardous Substance Consent Planning Hazardous Substance Enforcement | <p>Geological</p> <ul style="list-style-type: none"> DOS Recorded Mine Site | <p>Other</p> <ul style="list-style-type: none"> Bearing Reference Point Map ID |

Site Sensitivity Map - Segment A15



Order Details

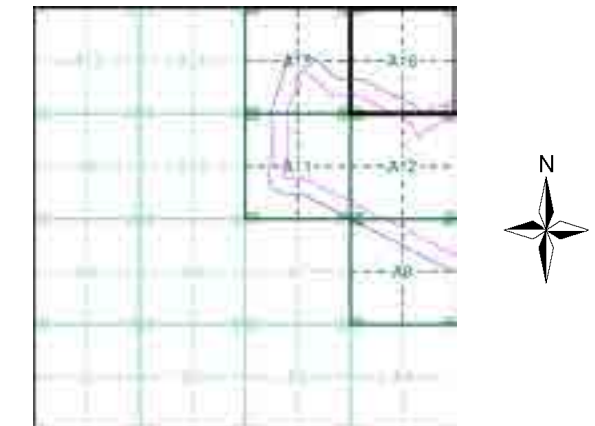
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Watercourse Point
 - Map ID
 - Boundary of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Interest
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Permit
- Waste**
- DG Record Landfill Site (Location)
 - DG Record Landfill Site
 - EA Historic Landfill (Burial Plot)
 - EA Historic Landfill (Bygone)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Number)
 - Licensed Waste Management Facility (Location)
 - Local Authority Record Landfill Site (Location)
 - Local Authority Record Landfill Site
 - Potentially Filled Land (Non-water)
 - Potentially Filled Land (Non-water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Over 100m²)
 - Registered Landfill Site (Over 100m²)
 - 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
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- DG Record Mine Site

Site Sensitivity Map - Segment A16



Order Details

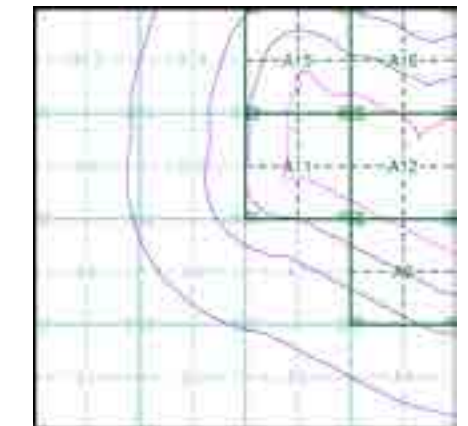
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- | | | | | |
|--|--|--|--|---|
| General | Specified Site | Specified Buffer | Drinking Water | Map ID |
| | Agency and Hydrological | | | |
| Contaminated Land Register Entry or Notice (Water) | Discharge Consent | Enforcement or Prohibition Notice | Integrated Pollution Control | Local Authority Integrated Pollution Prevention and Control |
| Contaminated Land Register Entry or Notice (Land) | Local Authority Pollution Prevention and Control Enforcement | Pollution Incident to Controlled Waters | Prosecution relating to Authorised Processes | Prosecution relating to Controlled Waters |
| Regulated Radioactive Substance | River Network or Water Feature | River Quality Sampling Point | Substantiated Pollution Incident Register | Water Abstraction |
| Water Industry Act Permit | Hazardous Substances | | | |
| COMAH Site | Explosive Site | MHPS Site | Planning Hazardous Substance Consent | Planning Hazardous Substance Enforcement |
| BOS Recorded Mineral Site | Waste | | | |
| BOS Recorded Landfill Site (Location) | EA Historic Landfill (Surface Risk) | EA Historic Landfill (Subsidence Risk) | Integrated Pollution Control Registered Waste Site | Licensed Waste Management Facility (Landfill) |
| Local Authority Recorded Landfill Site (Water) | Local Authority Recorded Landfill Site | Potentially Infilled Land (Non-water) | Potentially Infilled Land (Non-water) | Potentially Infilled Land (Water) |
| Local Authority Recorded Landfill Site | Potentially Infilled Land (Water) | Potentially Infilled Land (Water) | Potentially Infilled Land (Water) | Potentially Infilled Land (Water) |
| Registered Landfill Site (Location) | Registered Landfill Site (Past Surface to 30m) | Registered Landfill Site (Past Surface to 30m) | Registered Waste Transfer Site (Location) | Registered Waste Transfer Site |
| Registered Landfill Site (Past Surface to 30m) | Registered Waste Treatment or Disposal Site (Location) | Registered Waste Treatment or Disposal Site | | |

Site Sensitivity Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Industrial Land Use Map

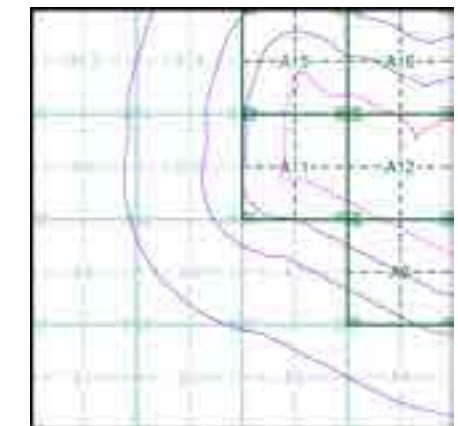
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

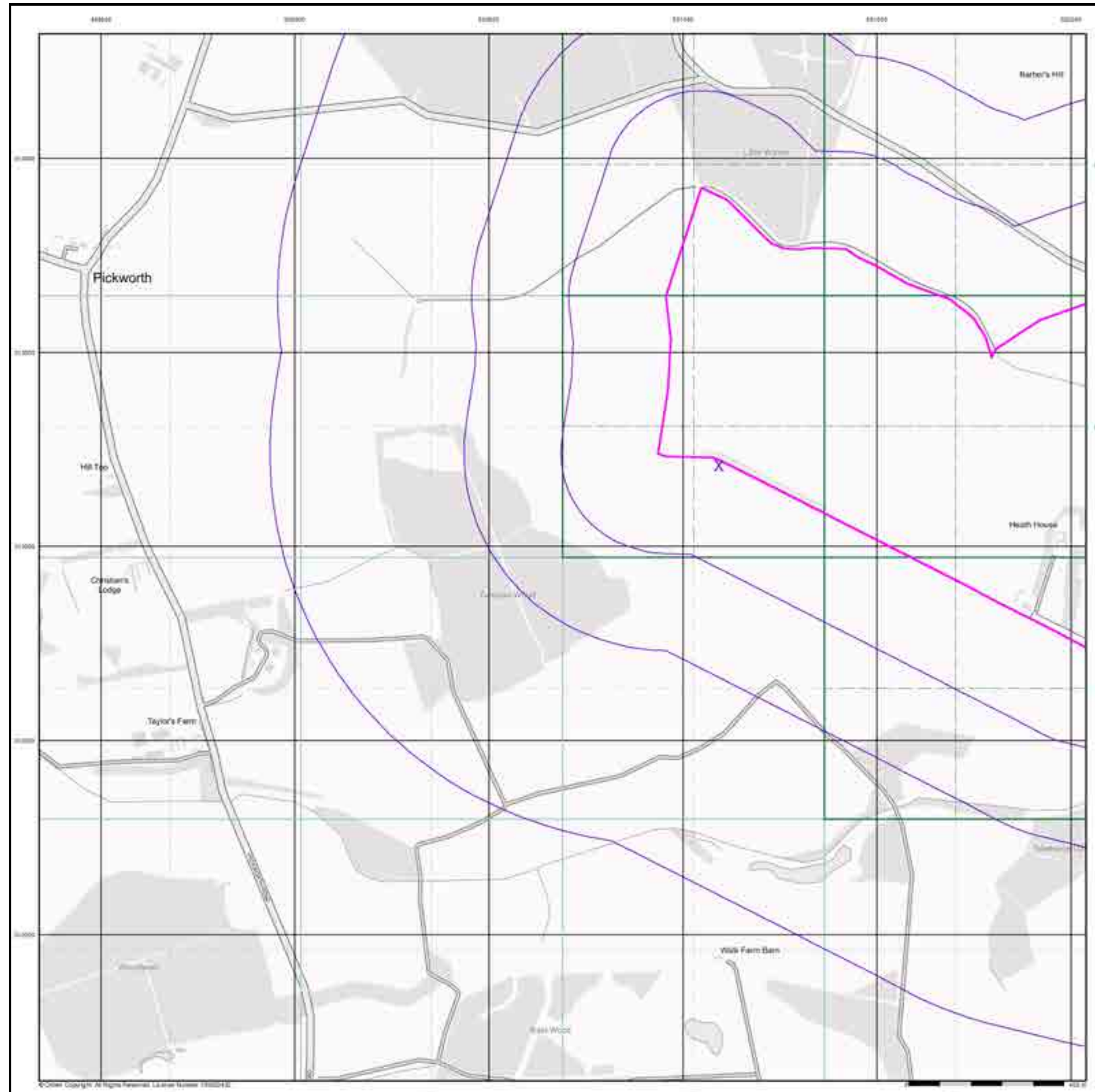
Site at 502039,313310

General

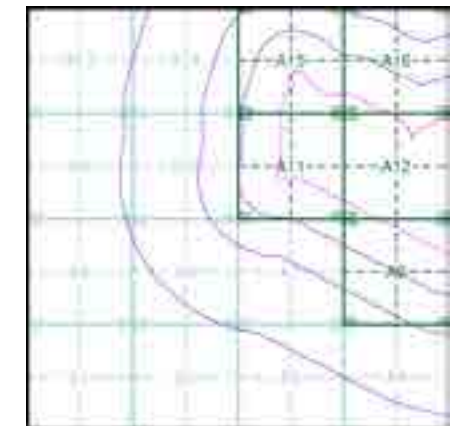
-  Specified Site
-  Specified Buffer(s)
-  Existing Reference Point

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

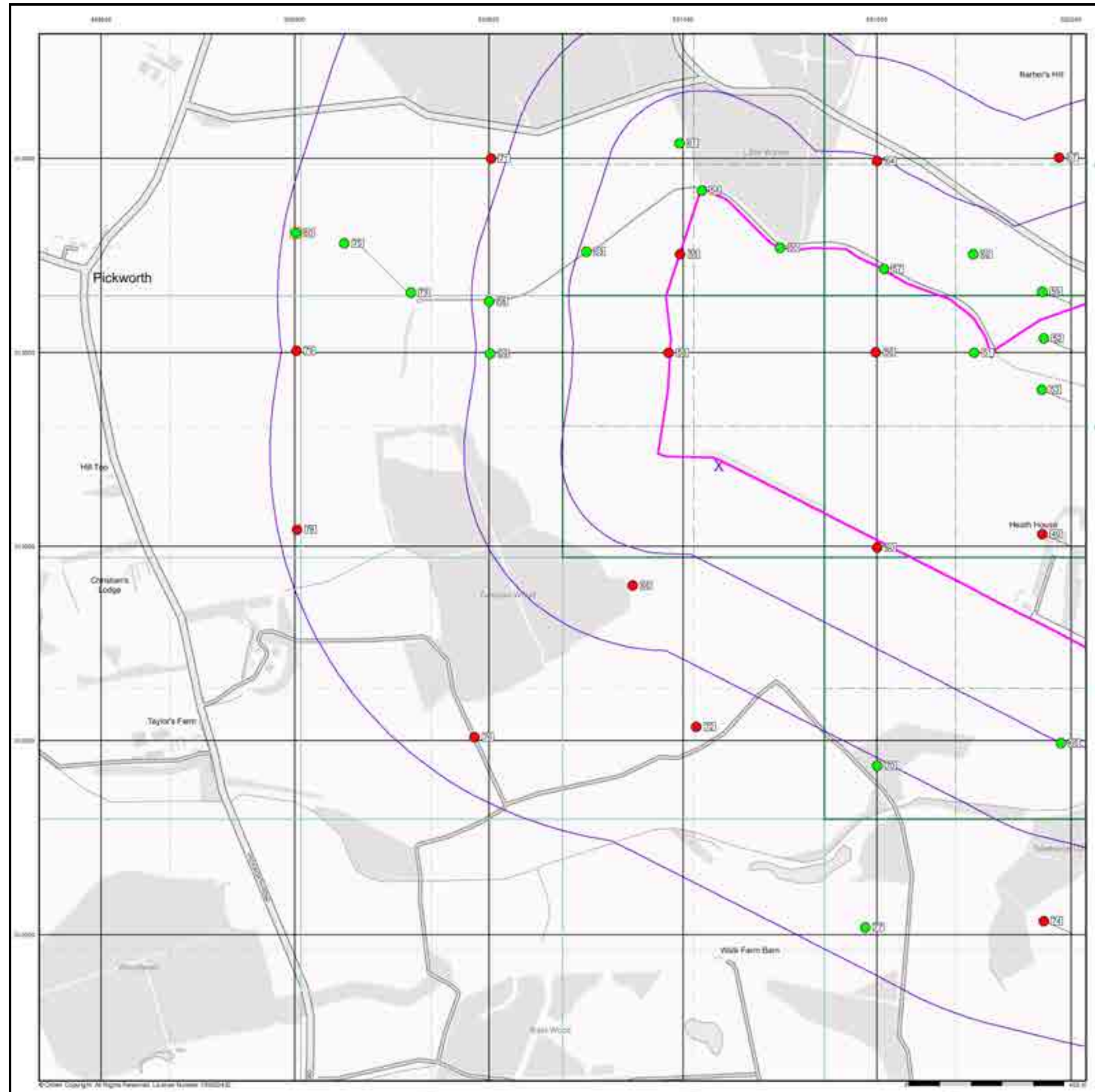


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



General

- Specified Site
- Specified Buffer(s)
- Boring Reference Point
- Hco ID
- Severity Type at Location

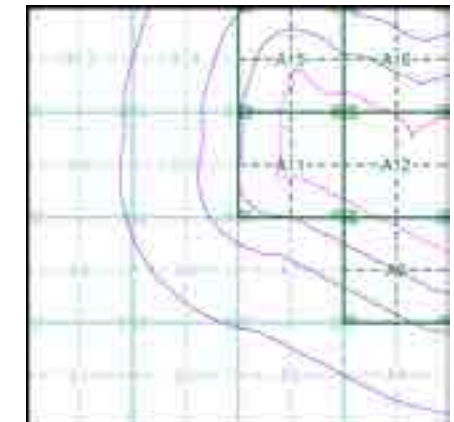
Agency and Hydrological (Boreholes)

- 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: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

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

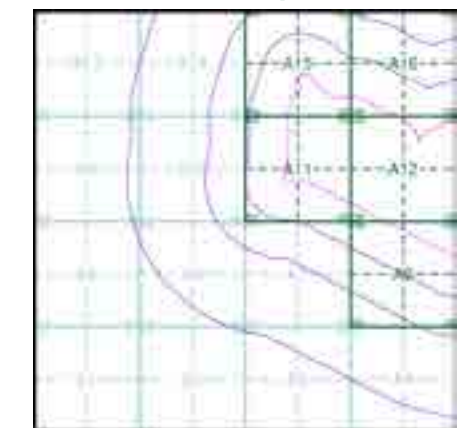
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A






Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

-  Specified Site
-  Specified Buffer(s)
-  Sewing 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

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

EANRW Suitability Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

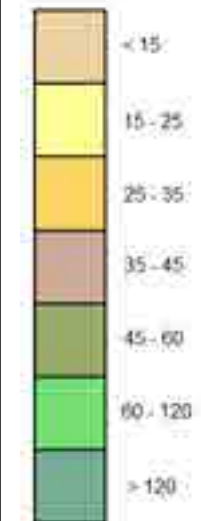
Site at 502039,313310

General

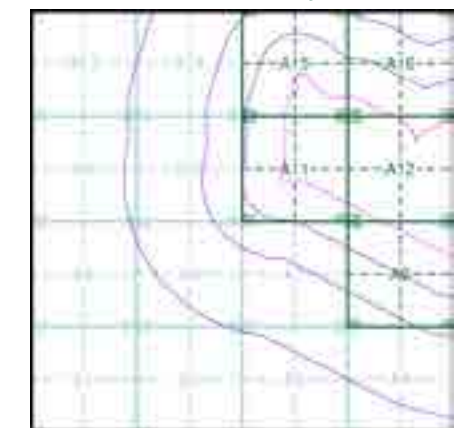
Sewerfly Site
 Spoilted Battery
 Heavy Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

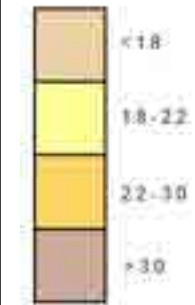
Site at 502039,313310

General

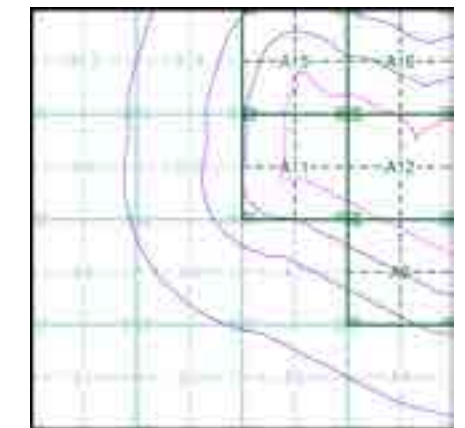
X Selected Site
 X Specified Buffer(s)
 X Existing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

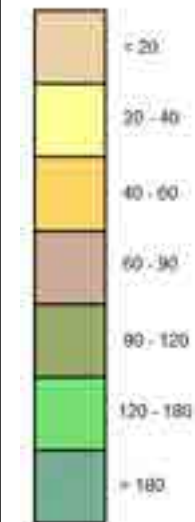
Site at 502039,313310

General

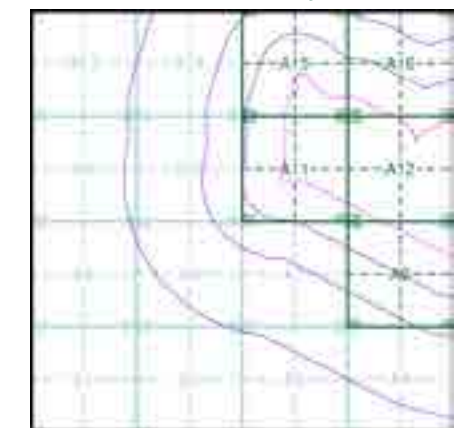
Selected Site
 Specified Buffer(s)
 Design Preference Mark

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

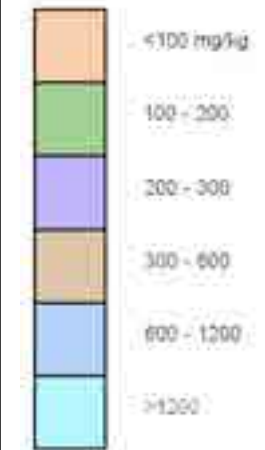
Site at 502039,313310

General

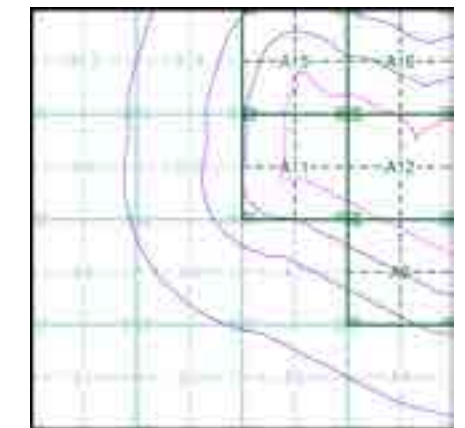
Searched Site
 Searched Buffer(s)
 Energy Efficiency Data

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

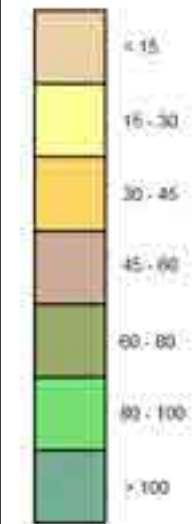
Site at 502039,313310

General

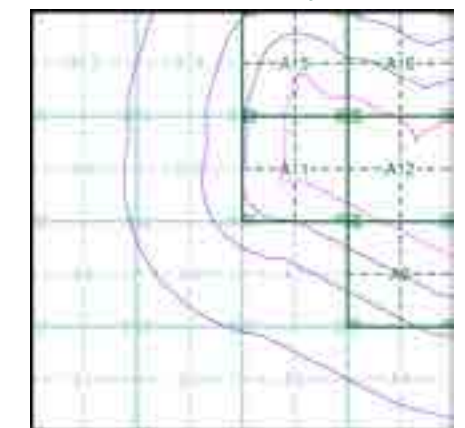
Specified Sites
 Specified Features
 Mining Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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

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

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

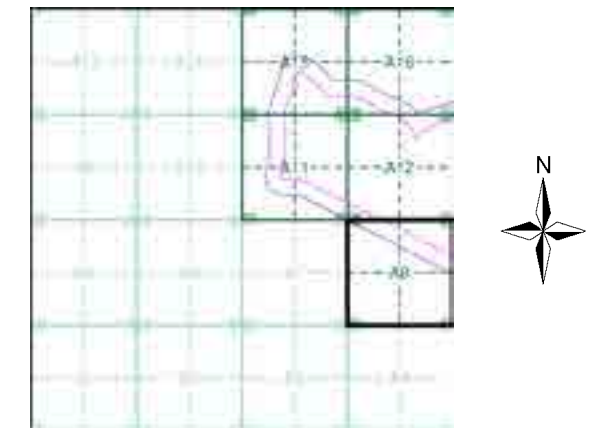
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1885 - 1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A8



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

Rutland

Published 1885 - 1888

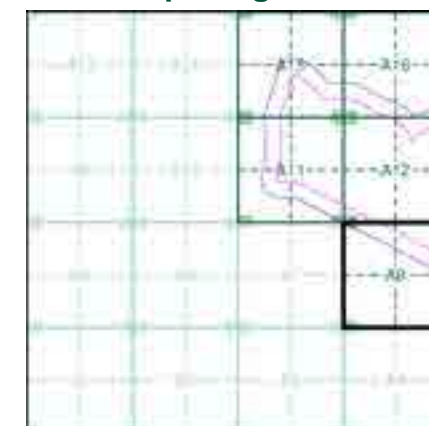
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

006_08 1888 1:2,500
006_12 1885 1:2,500

Historical Map - Segment A8

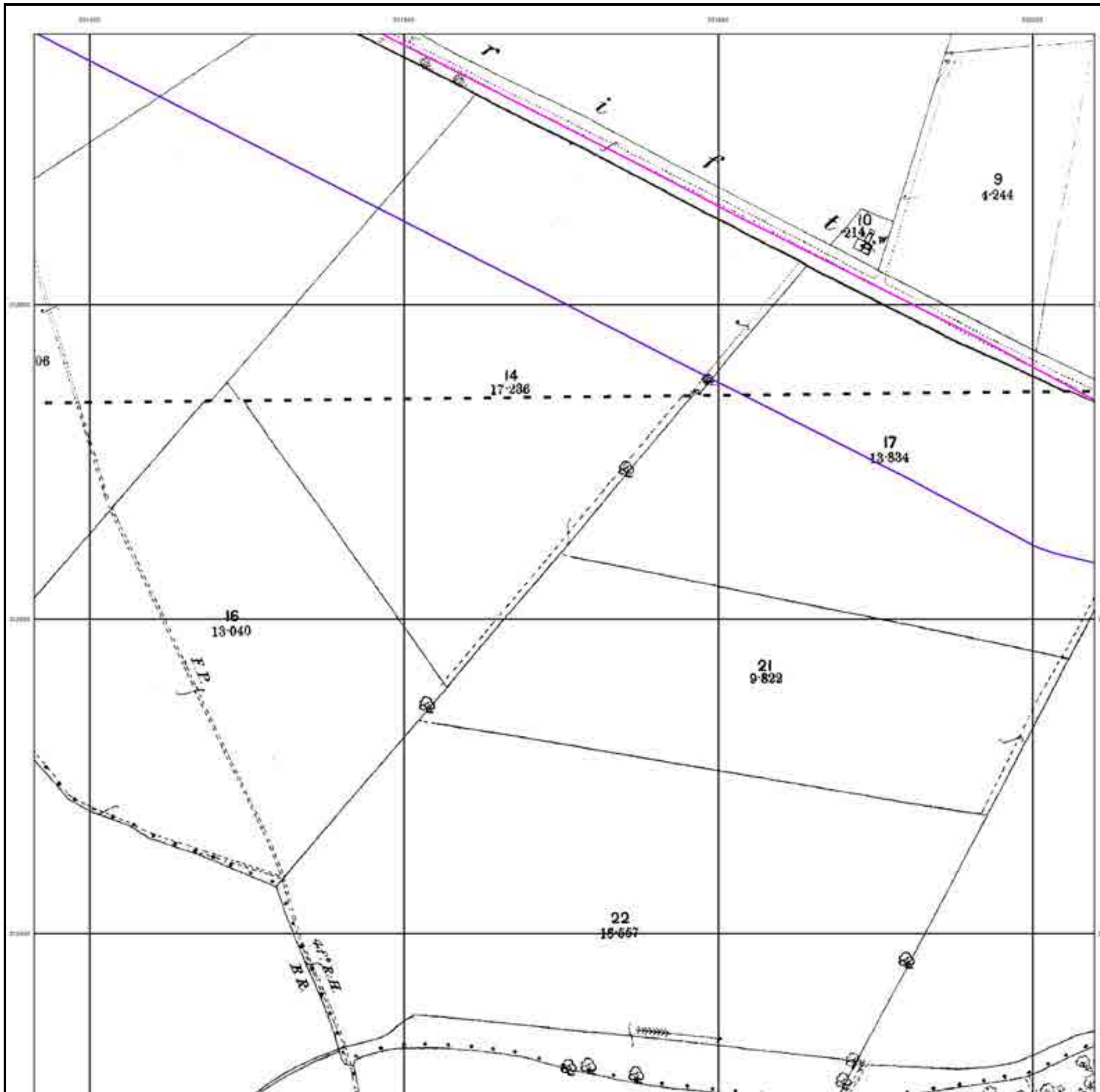


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



Rutland

Published 1904

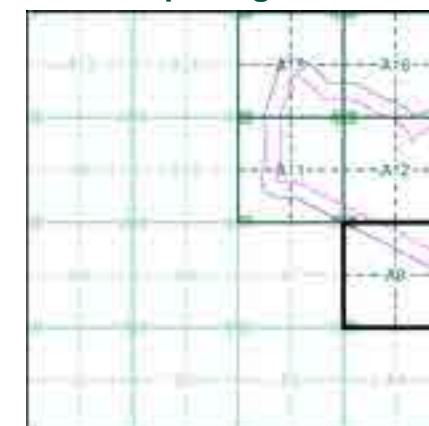
Source map scale - 1:2,500

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)

006_08	1904	1:2,500
006_12	1904	1:2,500

Historical Map - Segment A8

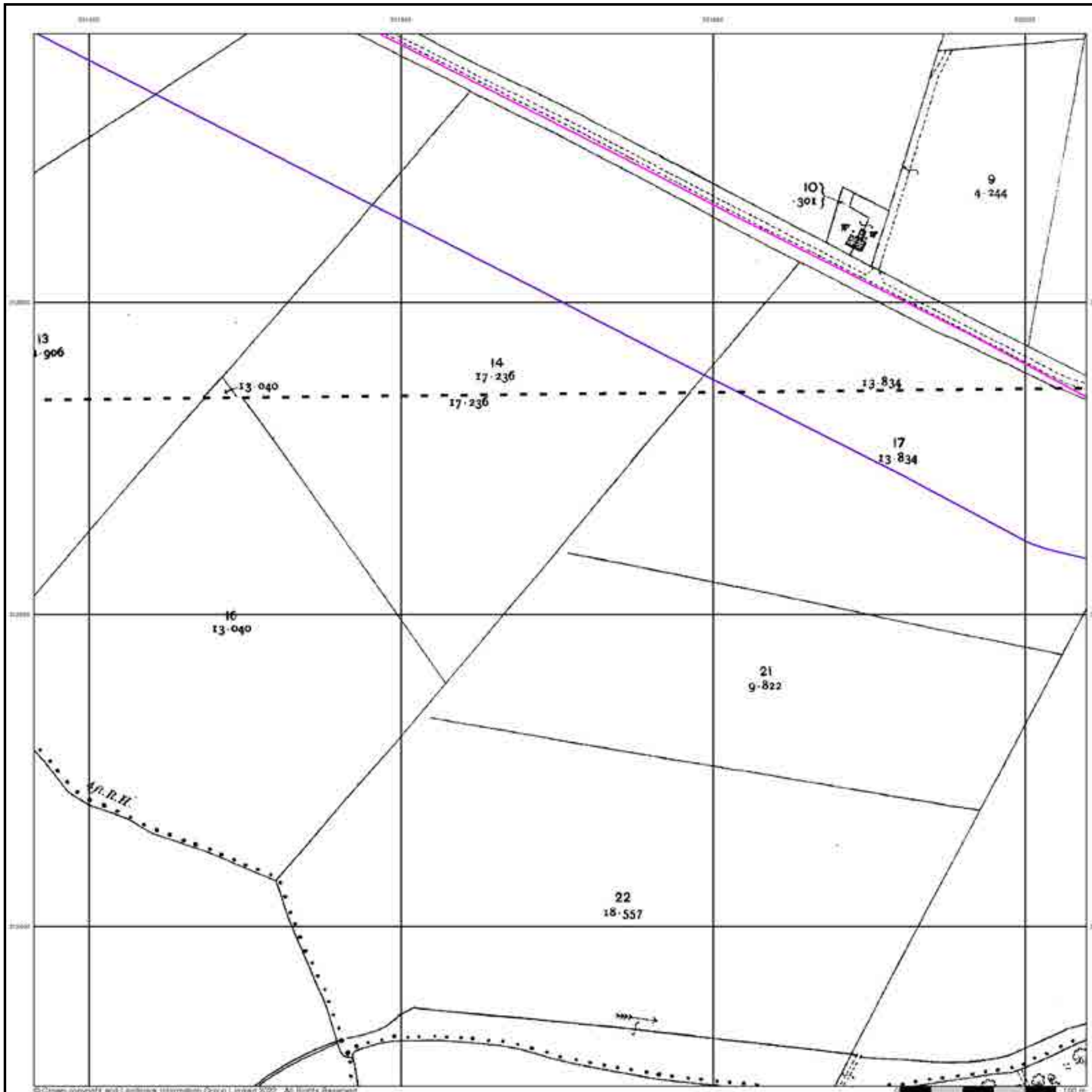


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

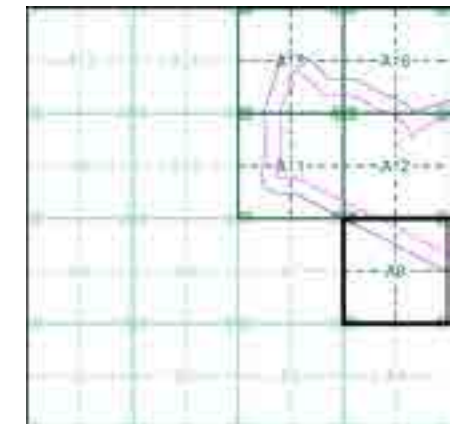
Source map scale - 1:2,500

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)

TF0112 1975 1:2,500	TF0212 1975 1:2,500
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Historical Map - Segment A8

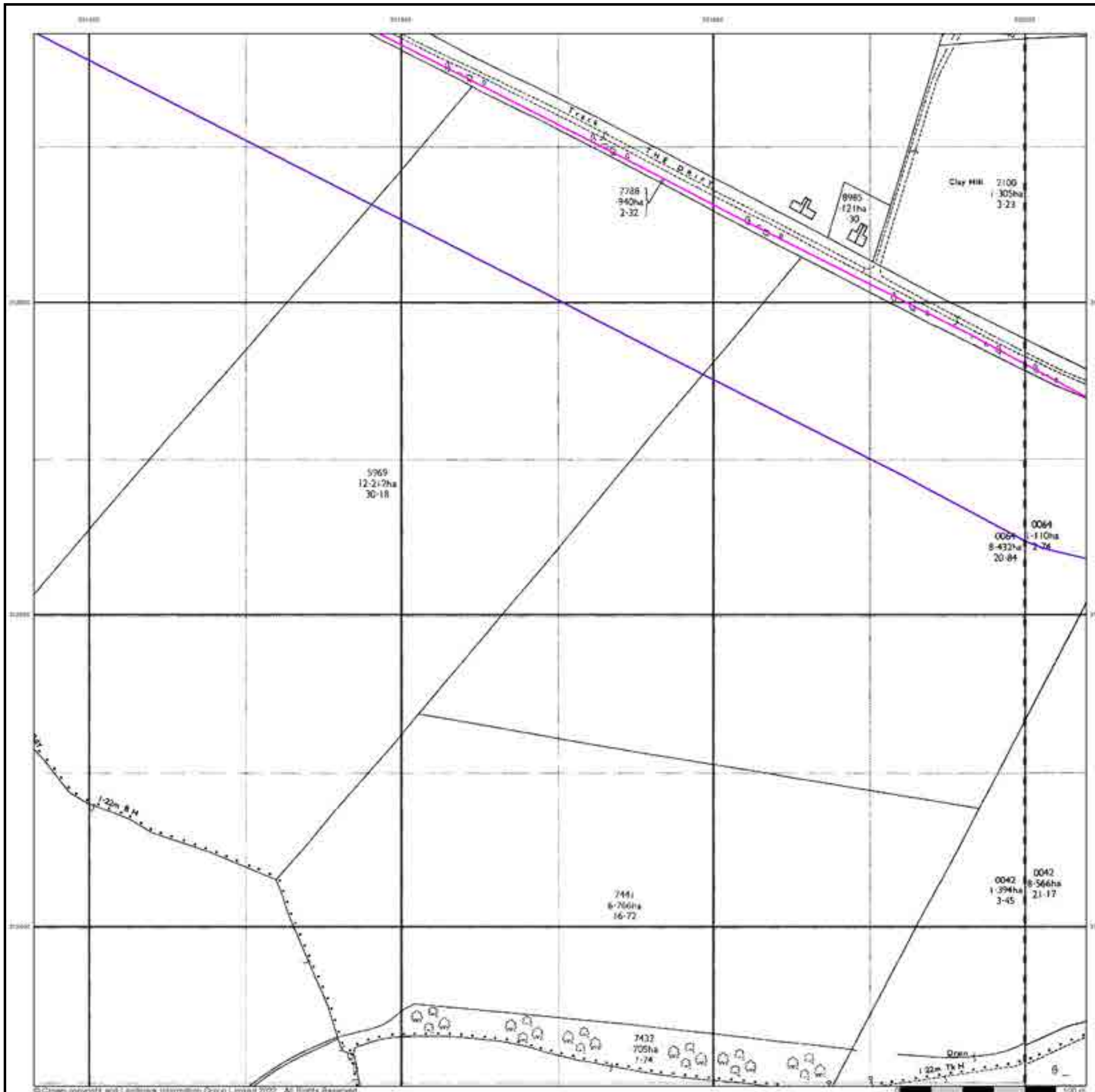


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



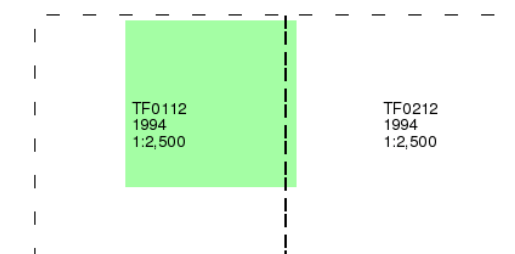
Large-Scale National Grid Data

Published 1994

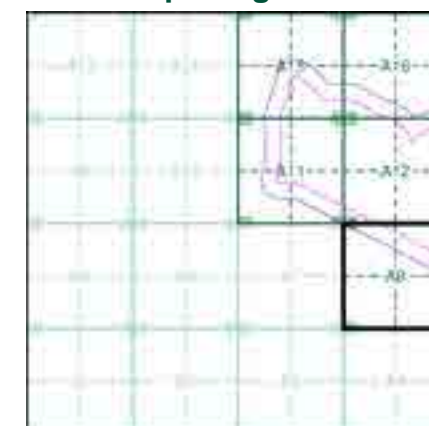
Source map scale - 1:2,500

'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 A8

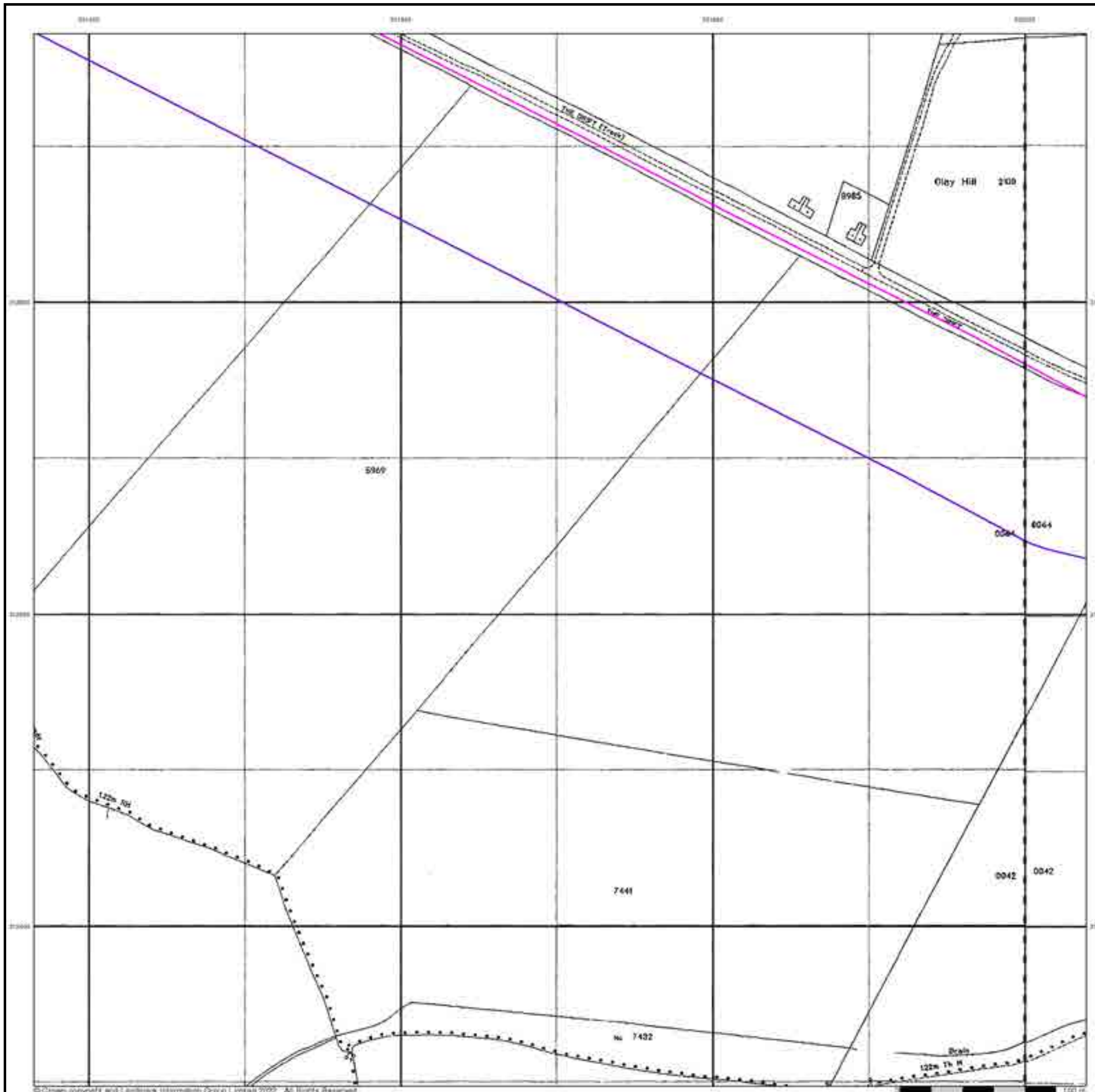


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

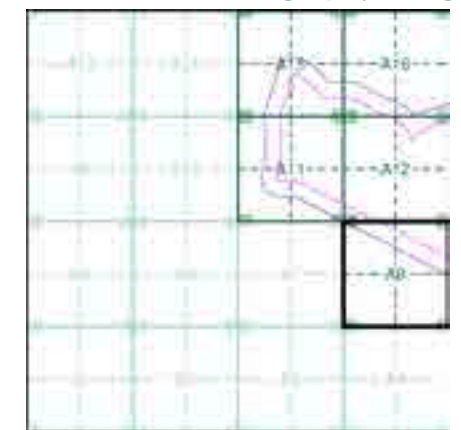
Site at 502039,313310



Historical Aerial Photography Published 1999

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

Historical Aerial Photography - Segment A8



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



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

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

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

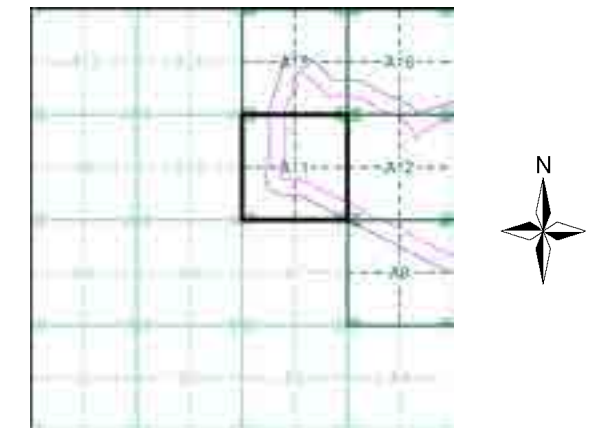
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A11



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

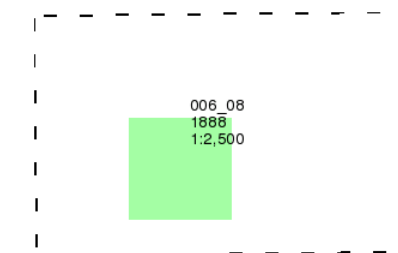
Rutland

Published 1888

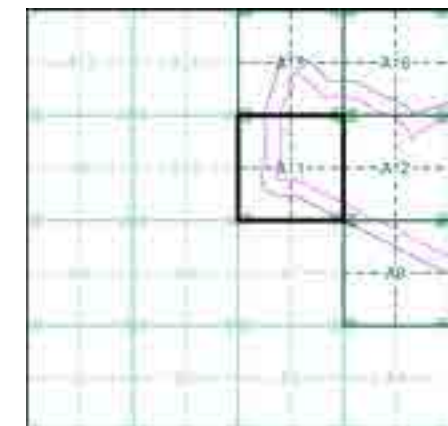
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

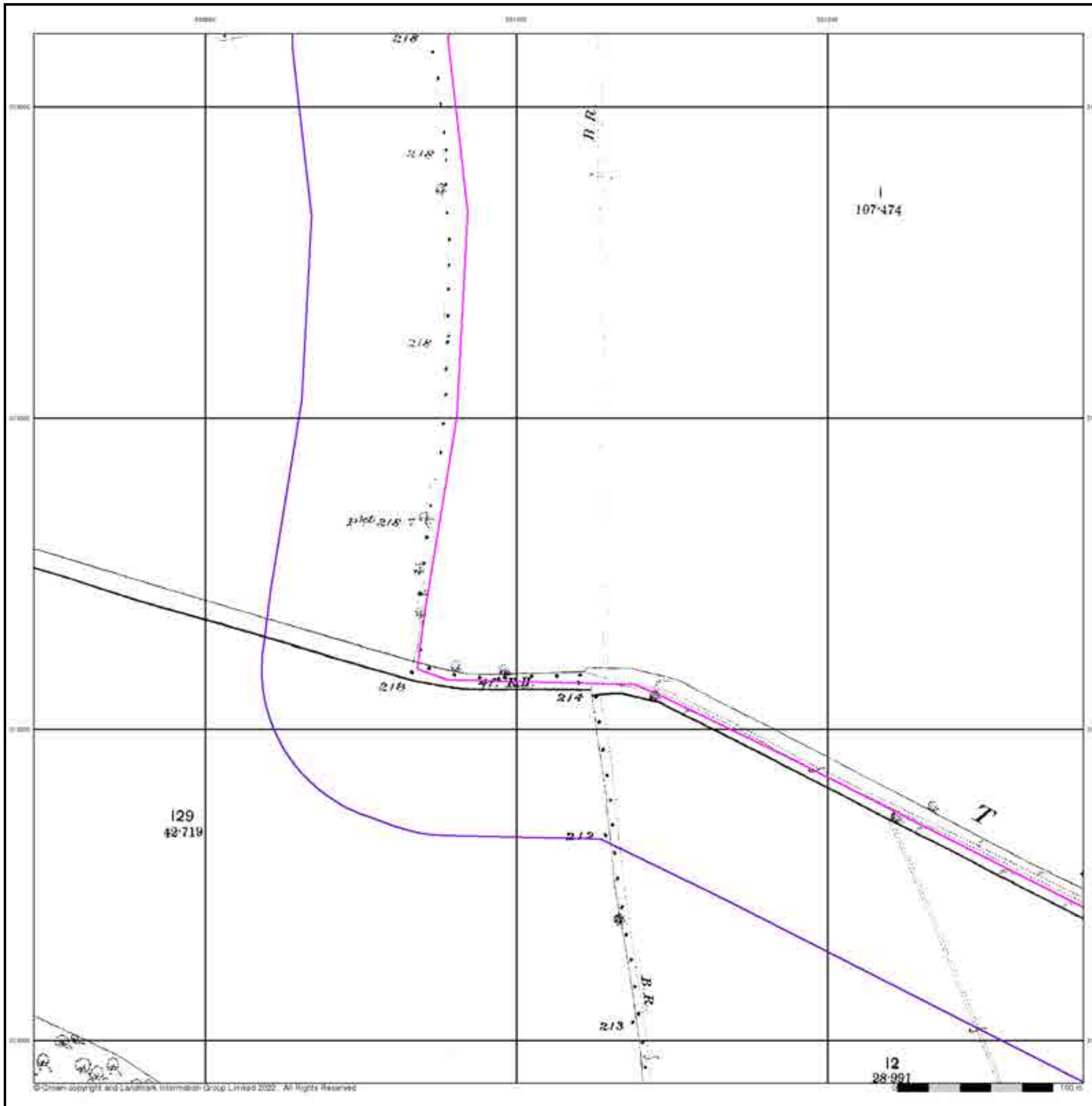


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



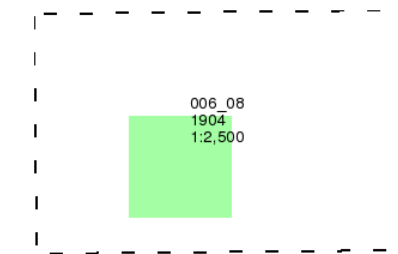
Rutland

Published 1904

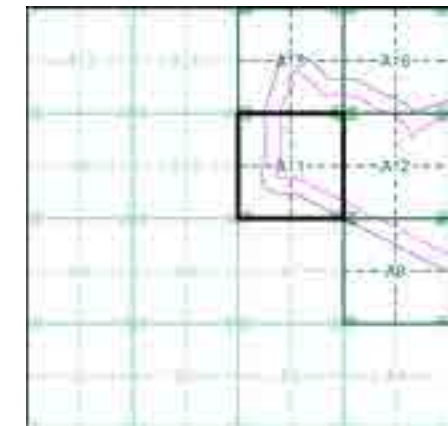
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

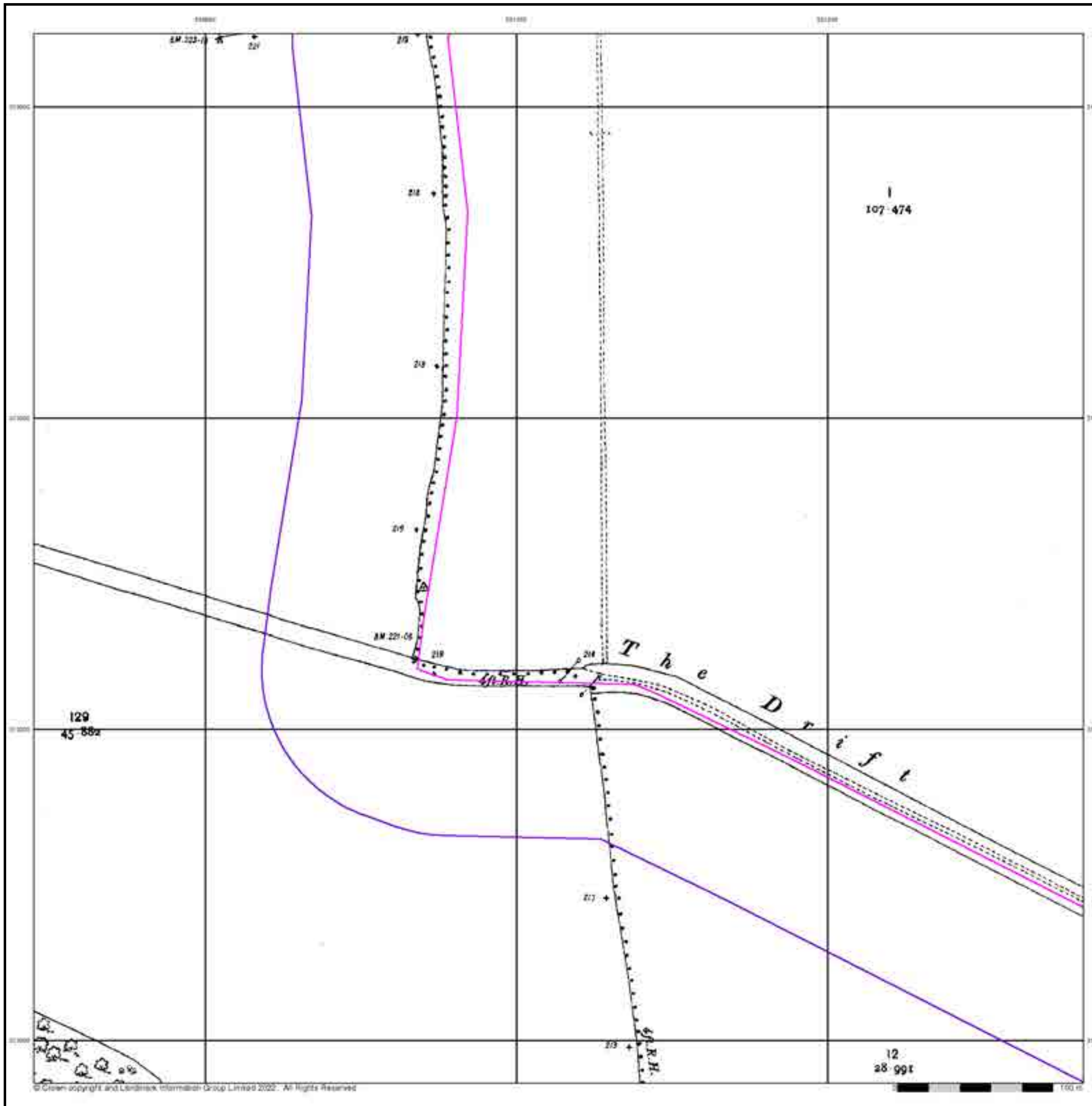


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

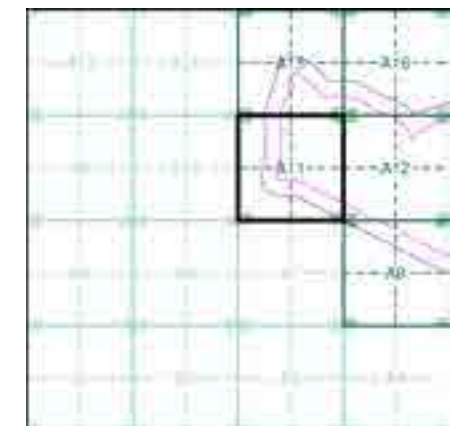
Source map scale - 1:2,500

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)

TF0013 1975 1:2,500	TF0113 1975 1:2,500
TF0012 1975 1:2,500	TF0112 1975 1:2,500

Historical Map - Segment A11

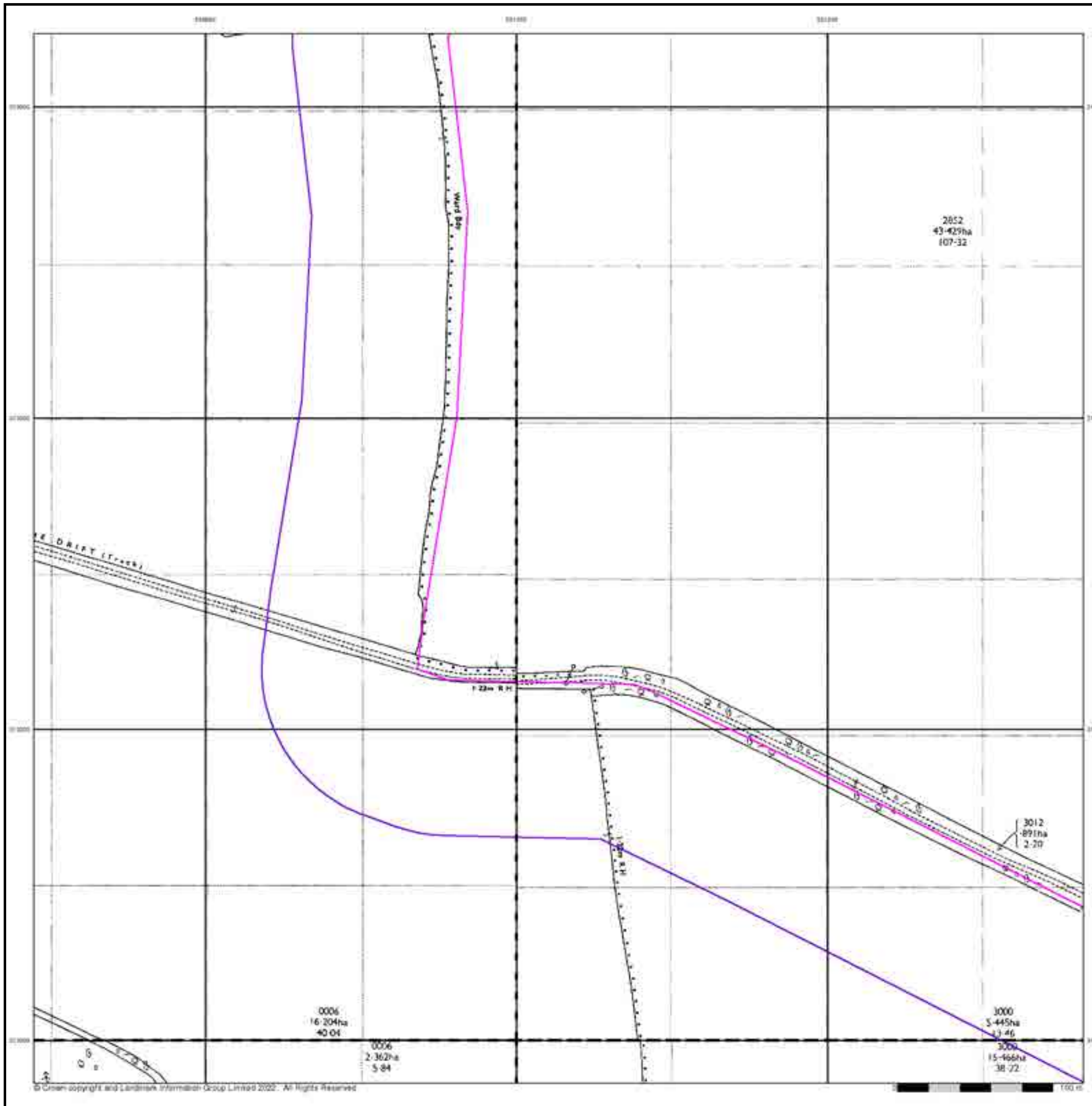


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

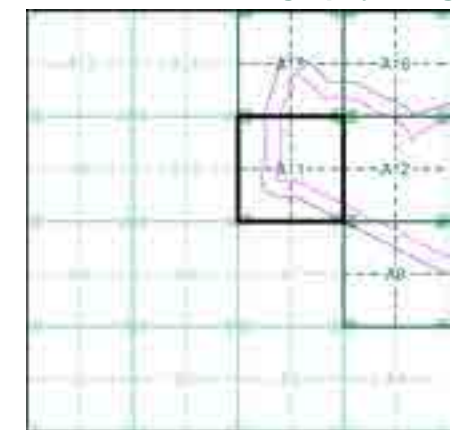
Site at 502039,313310



Historical Aerial Photography Published 1999

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

Historical Aerial Photography - Segment A11



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310

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

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

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

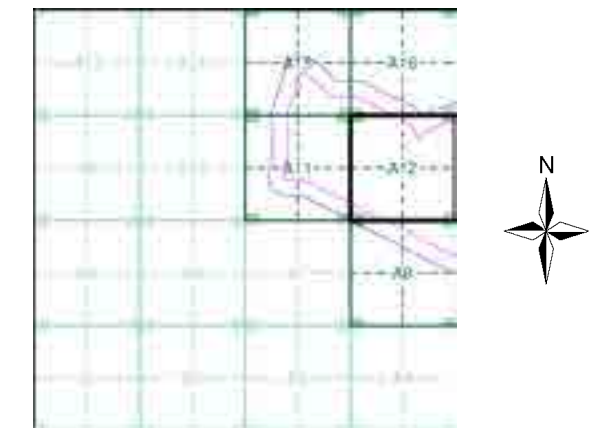
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A12



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

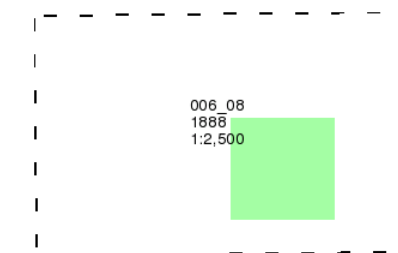
Rutland

Published 1888

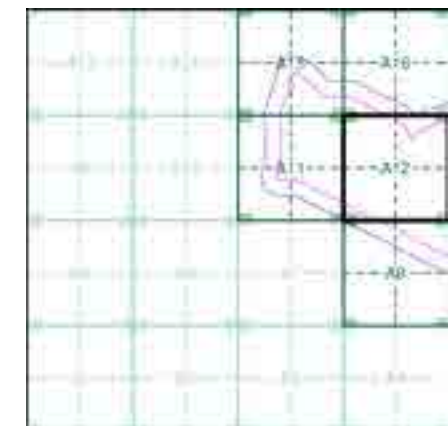
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12

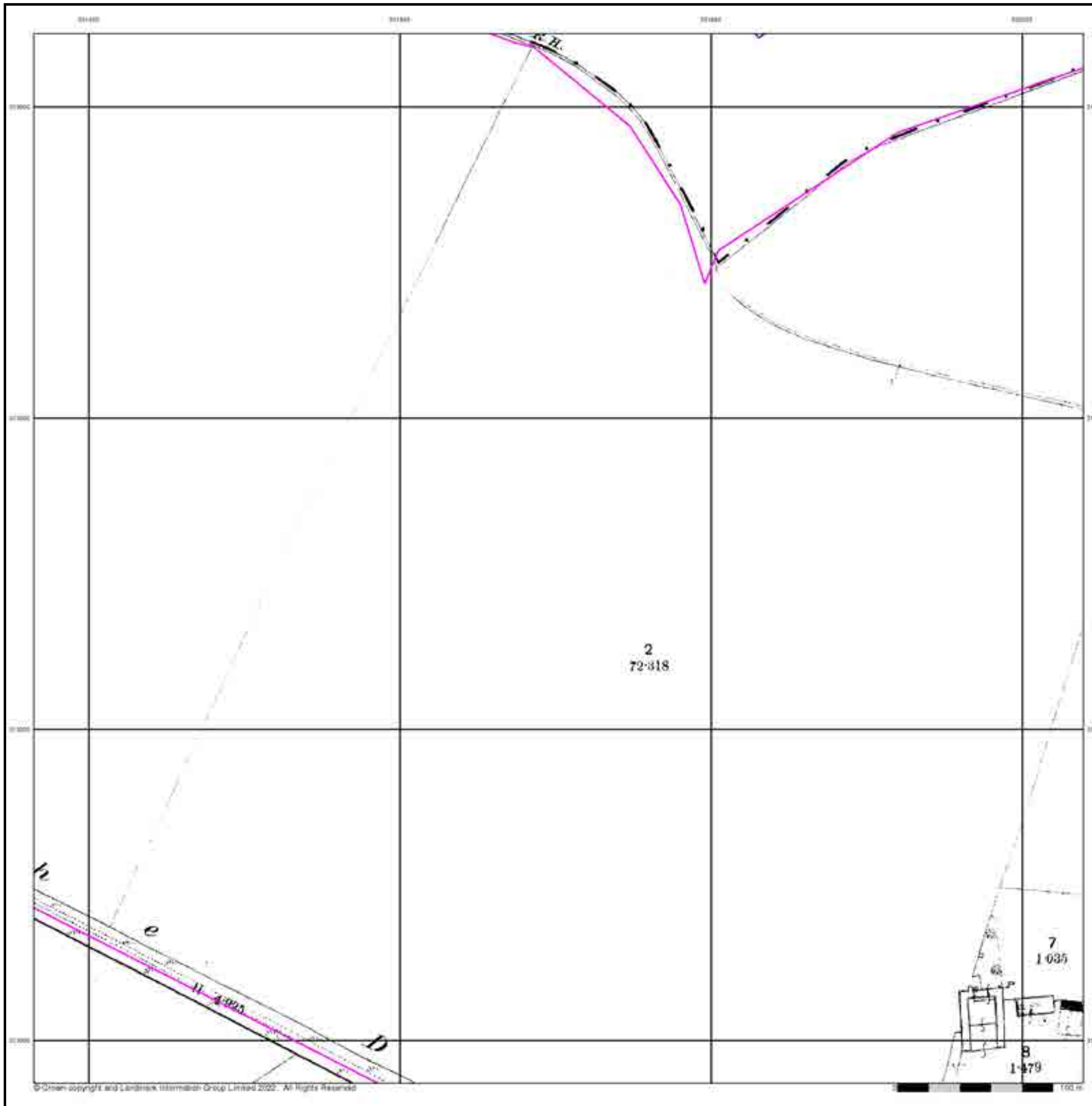


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



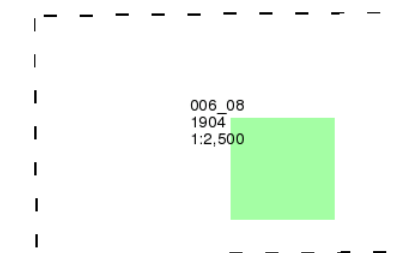
Rutland

Published 1904

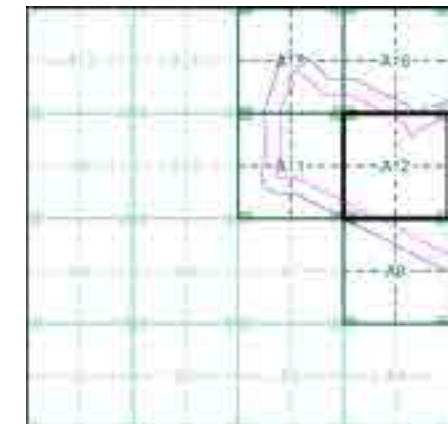
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12

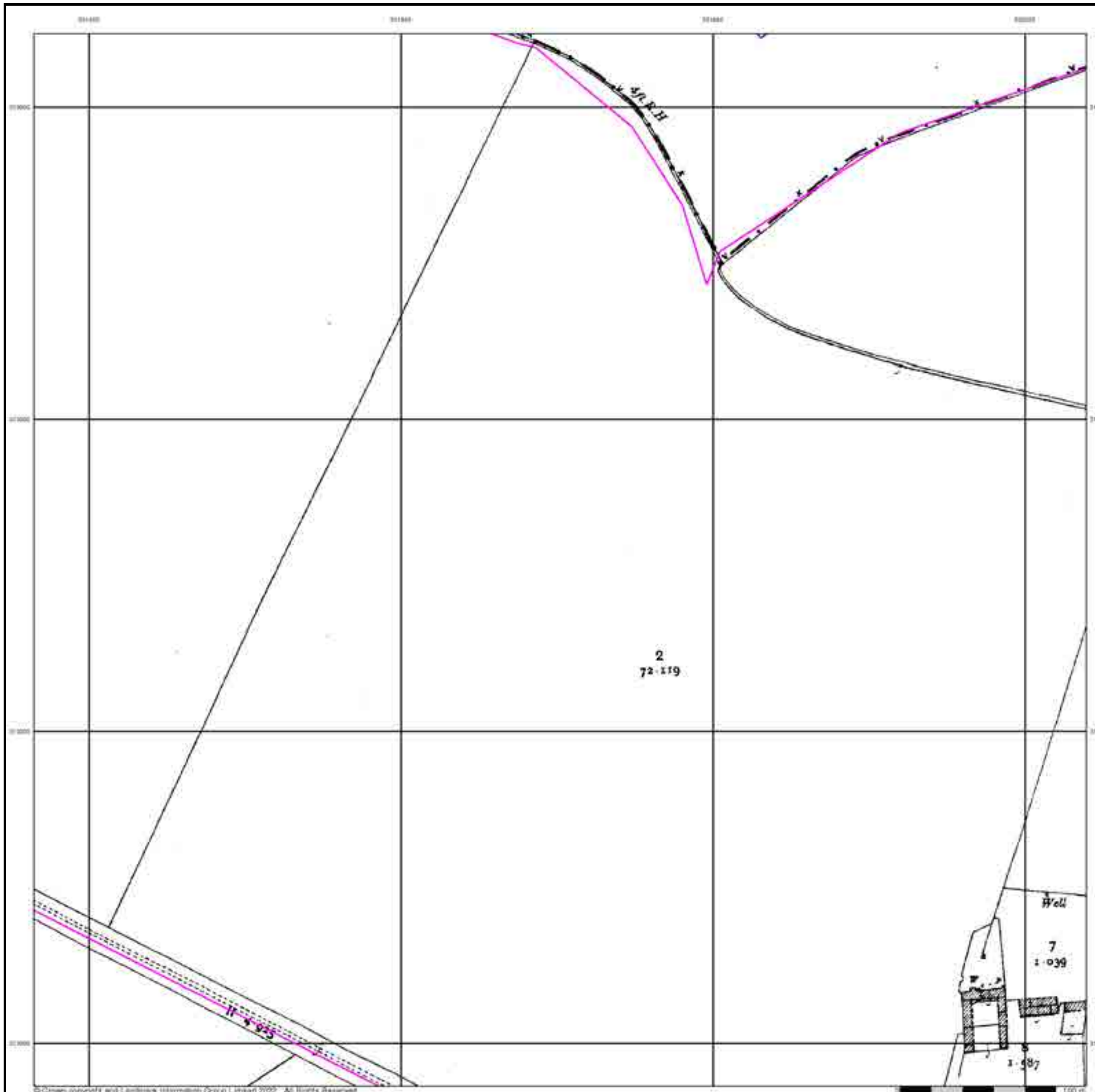


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

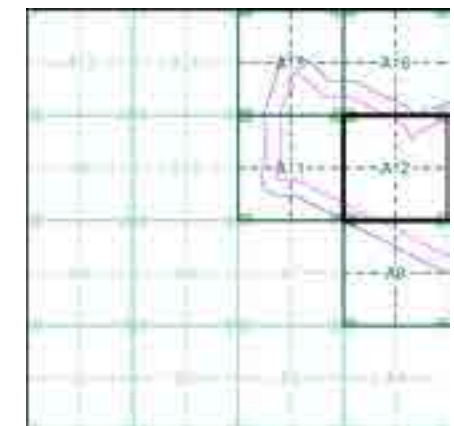
Source map scale - 1:2,500

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)

TF0113 1975 1:2,500	TF0213 1975 1:2,500
TF0112 1975 1:2,500	TF0212 1975 1:2,500

Historical Map - Segment A12

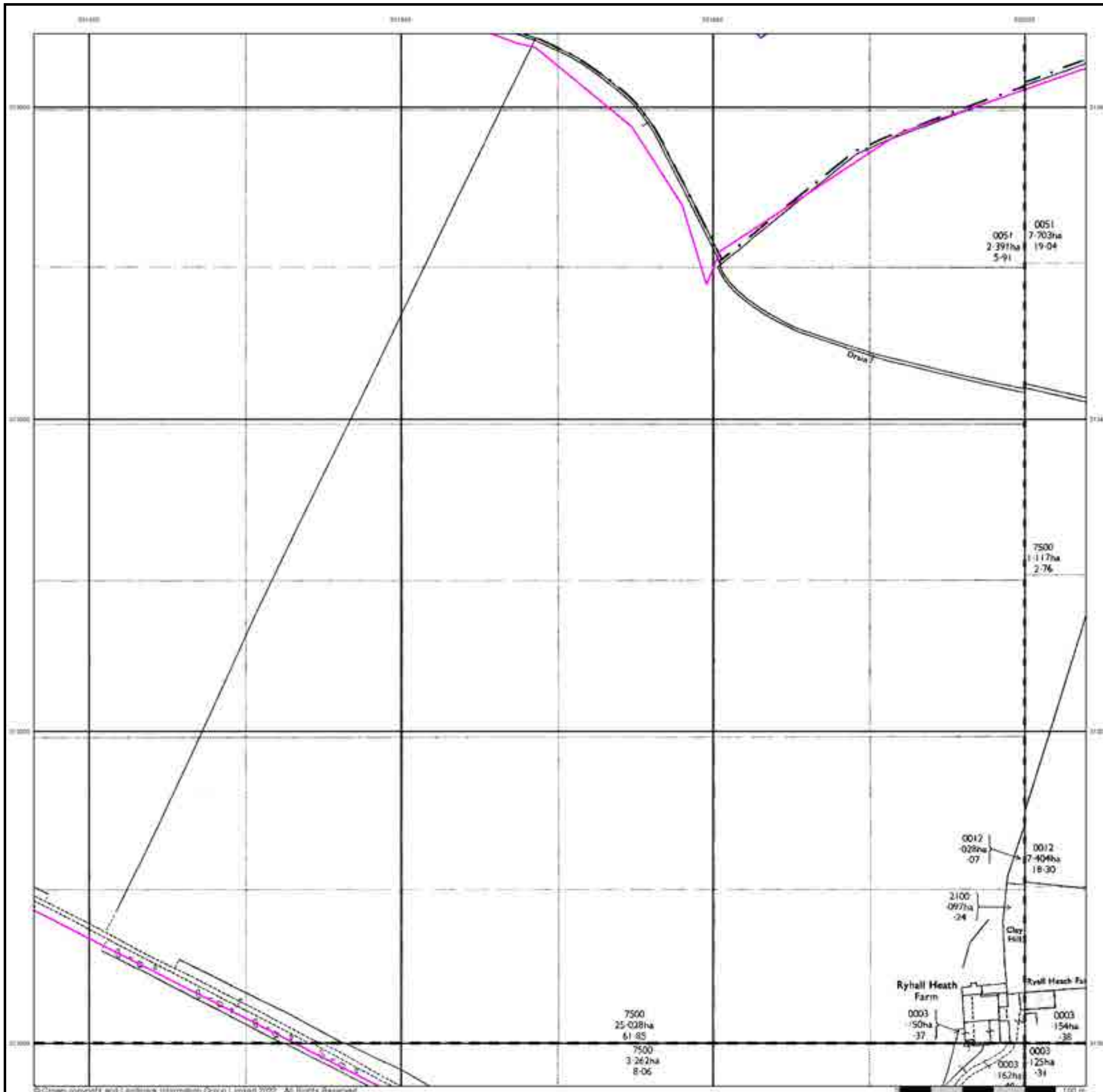


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
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 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

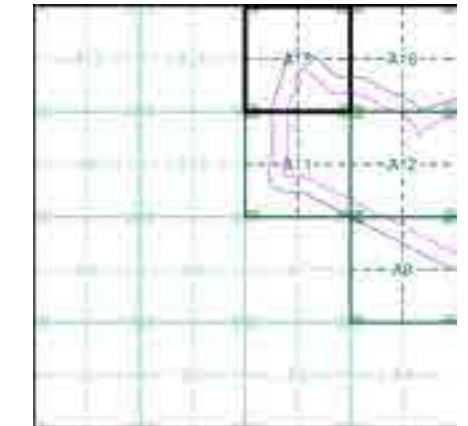
Site at 502039,313310



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- | | | |
|--|--|---|
| <p>General</p> <ul style="list-style-type: none"> Specified Site Specified Buffer(s) Boundary of Type at Location Pylon Overhead Transmission Line | <p>Agency and Hydrological</p> <ul style="list-style-type: none"> Contaminated Land Register Entry or Notice (Location) Contaminated Land Register Entry or Notice Discharge Consent Enforcement or Prohibition Notice Integrated Pollution Control Integrated Pollution Prevention Control Local Authority Integrated Pollution Prevention and Control Local Authority Pollution Prevention and Control Local Authority Pollution Prevention and Control Enforcement Pollution Incident to Controlled Waters Prosecution Relating to Authorised Processes Prosecution Relating to Controlled Waters Registered Radioactive Substance River Network or Water Feature River Quality Sampling Point Substantiated Pollution Incident Register Water Abstraction Water Industry Act Permit | <p>Waste</p> <ul style="list-style-type: none"> DGS Recorded Landfill Site (Location) DGS Recorded Landfill Site EA Historic Landfill (Burial Park) EA Historic Landfill (Rugby) Integrated Pollution Control Registered Waste Site Licensed Waste Management Facility (Landfill (Rugby)) 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 (Water) Potentially Infilled Land (Water) Registered Landfill Site (Location) Registered Landfill Site (Overhead or 100%) Registered Landfill Site (Overhead or 100%) Registered Waste Transfer Site (Location) Registered Waste Transfer Site Registered Waste Treatment or Disposal Site (Location) Registered Waste Treatment or Disposal Site |
| <p>Hazardous Substances</p> <ul style="list-style-type: none"> COMAH Site Explosive Site NEHS Site Planning Hazardous Substance Consent Planning Hazardous Substance Enforcement | <p>Geological</p> <ul style="list-style-type: none"> DGS Recorded Mine Site | <p>Other</p> <ul style="list-style-type: none"> Bearing Reference Point Map ID |

Site Sensitivity Map - Segment A15



Order Details

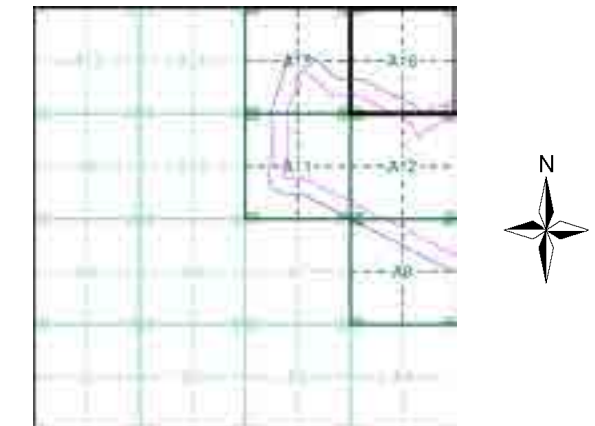
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Watercourse Point
 - Map ID
 - Severance of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Interest
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Permit
- Waste**
- DG Record Landfill Site (Location)
 - DG Record Landfill Site
 - EA Historic Landfill (Burial Plot)
 - EA Historic Landfill (Bygone)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Number)
 - Licensed Waste Management Facility (Location)
 - Local Authority Record Landfill Site (Location)
 - Local Authority Record Landfill Site
 - Potentially Filled Land (Non-water)
 - Potentially Filled Land (Non-water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Over Buried or DG)
 - Registered Landfill Site (Over Buried or DG)
 - 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
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- DG Record Mine Site

Site Sensitivity Map - Segment A16



Order Details






Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

Industrial Land Use Map

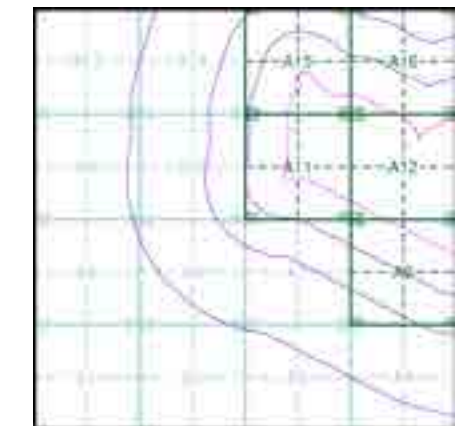
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

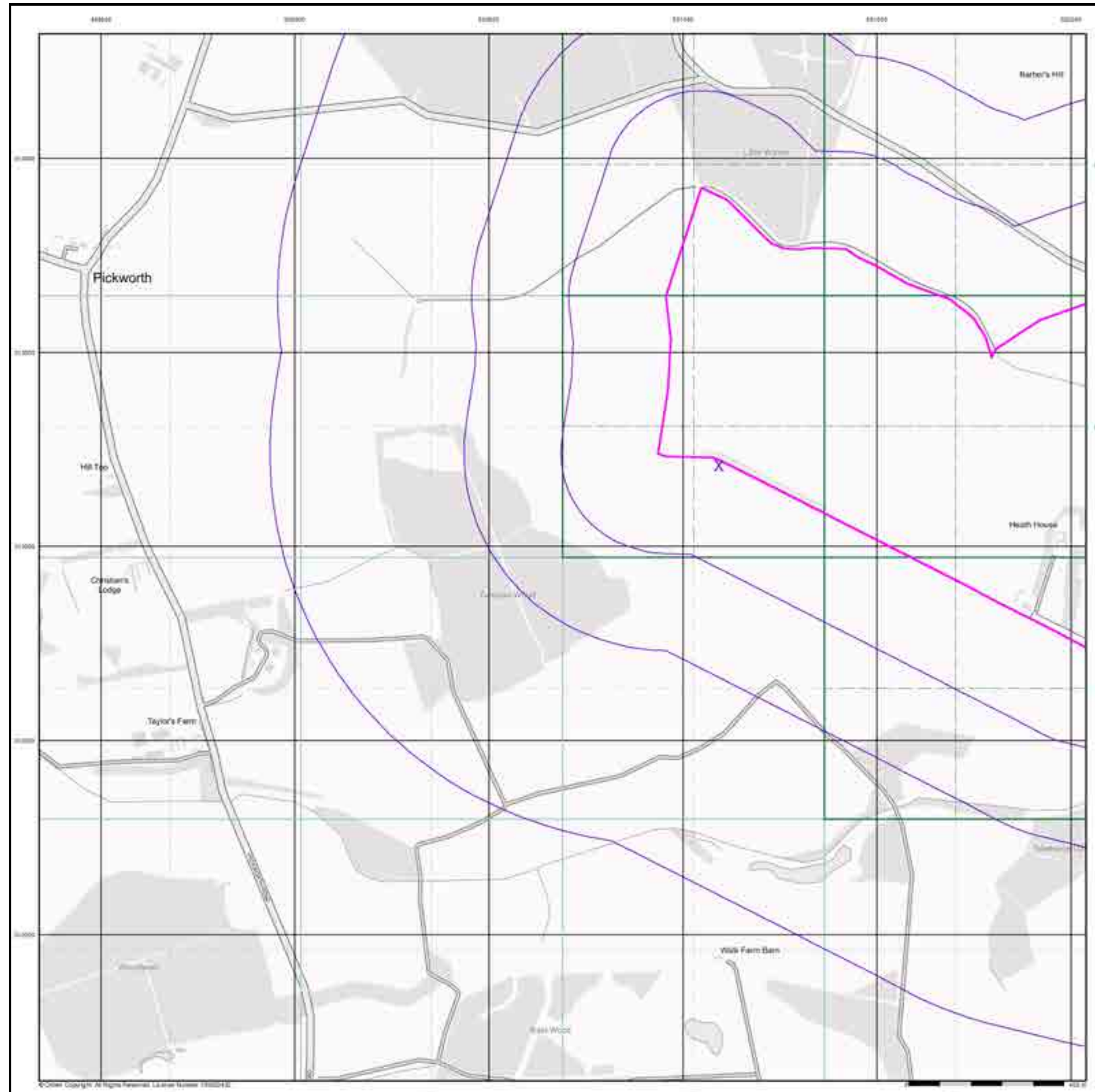


General

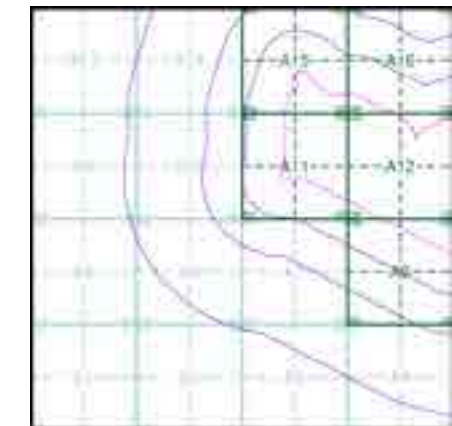
-  Specified Site
-  Specified Buffer(s)
-  Existing Reference Point

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: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

- Specified Site
- Specified Buffer(s)
- Existing Reference Point
- Hco ID
- Several Types at Location

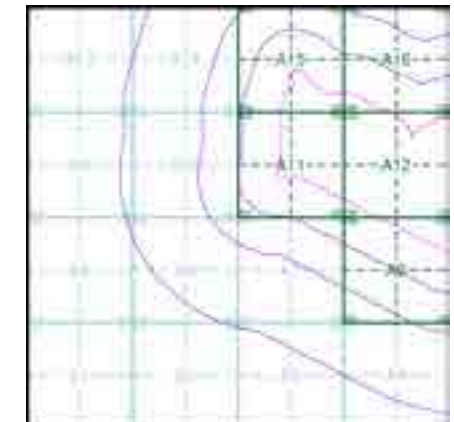
Agency and Hydrological (Boreholes)

- 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: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

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

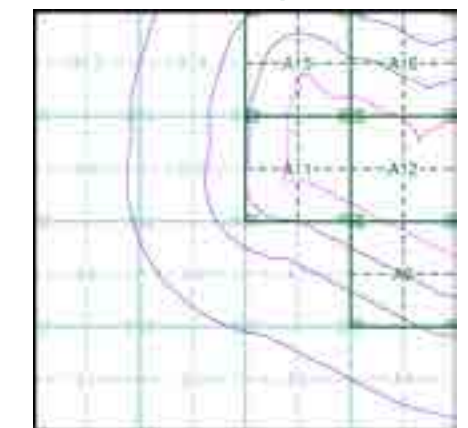
OS Water Network Data

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

Contours (height in meters)

- | | | |
|------------------|--|-----------------|
| Standard Contour | | Mean Low Water |
| Master Contour | | Mean High Water |
| Spot Height | | |

OS Water Network Map - Slice A

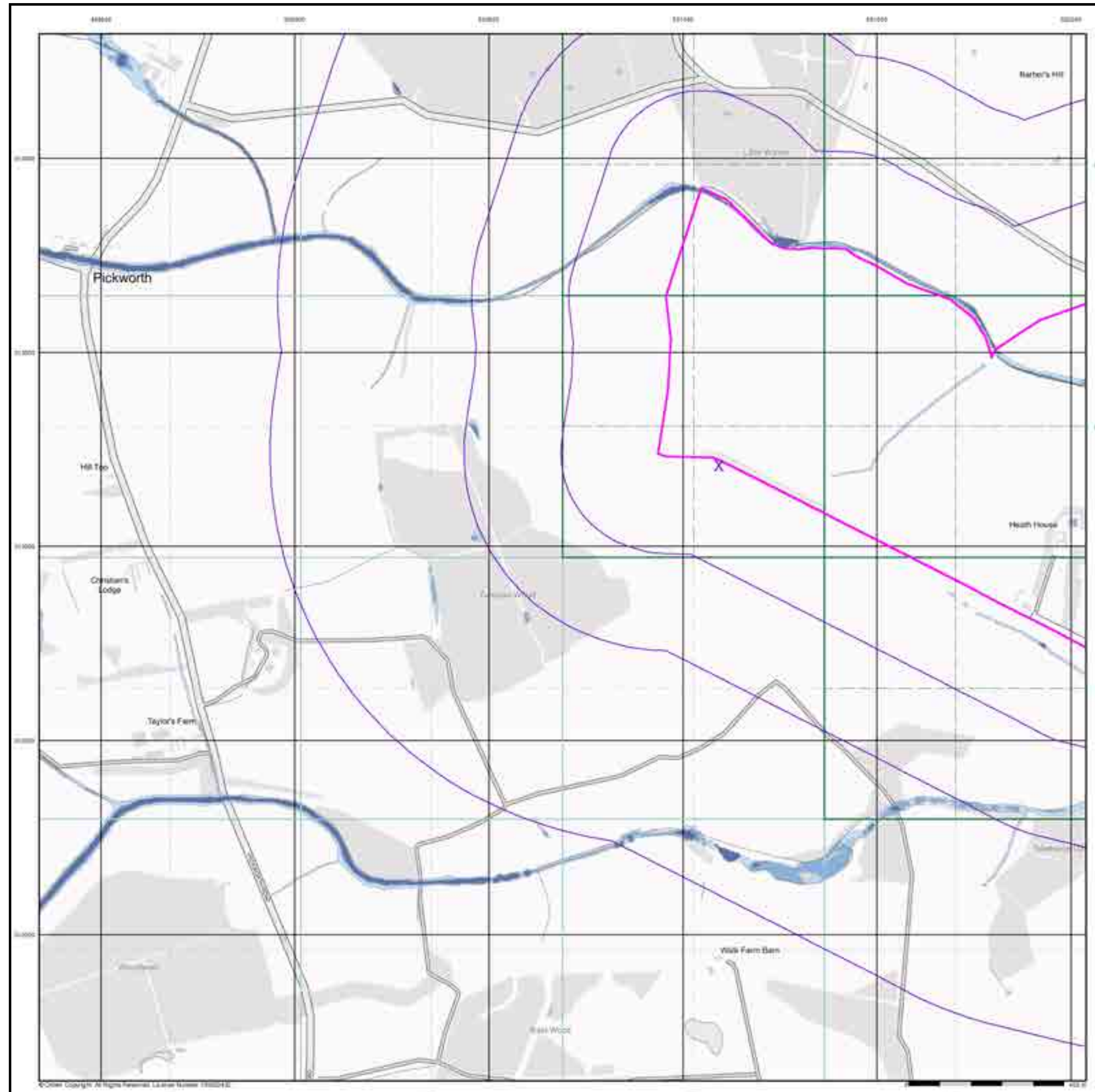


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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

EANRW Suitability Map - Slice A



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

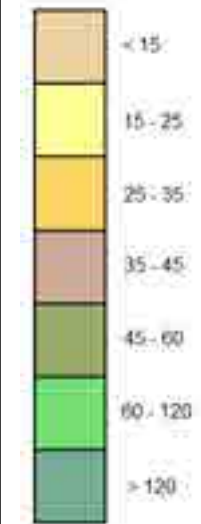
Site at 502039,313310

General

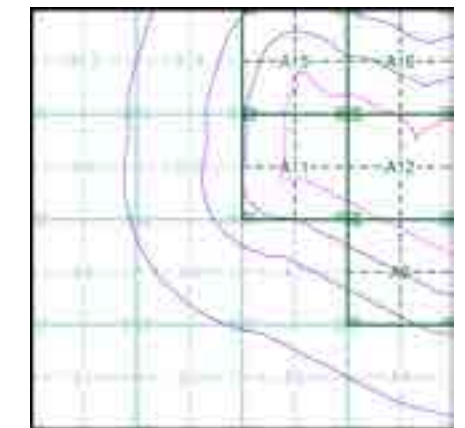
Sewerfall
 Spoilt Battery
 Heavy Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

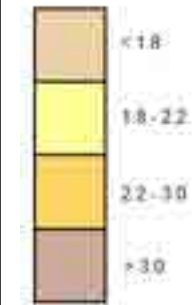
Site at 502039,313310

General

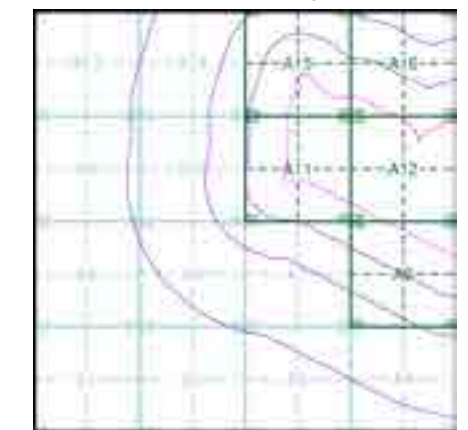
● Specified Site
 ○ Specified Buffer(s)
 ✕ Survey Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

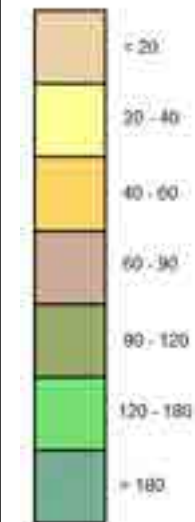
Site at 502039,313310

General

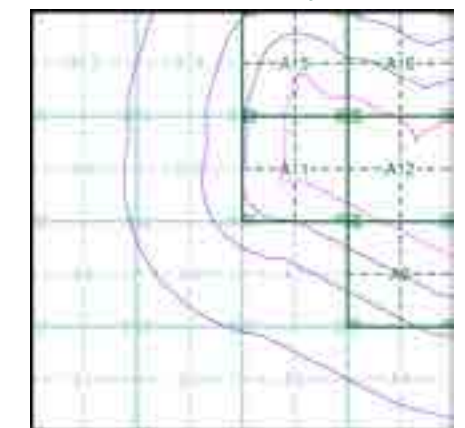
Selected Site
 Specified Buffer(s)
 Display Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

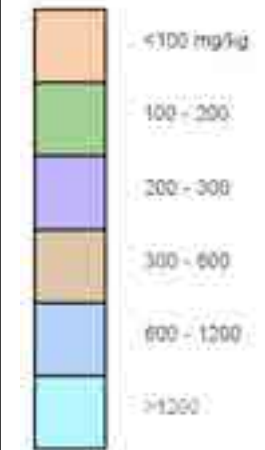
Site at 502039,313310

General

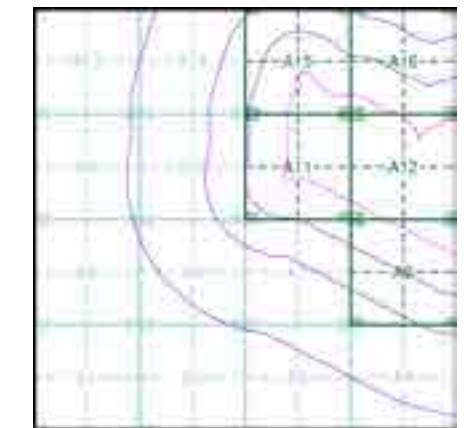
Searched Site
 Searched Buffer(s)
 Energy Efficiency Data

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

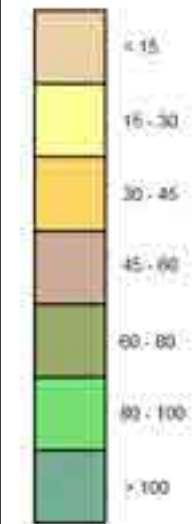
Site at 502039,313310

General

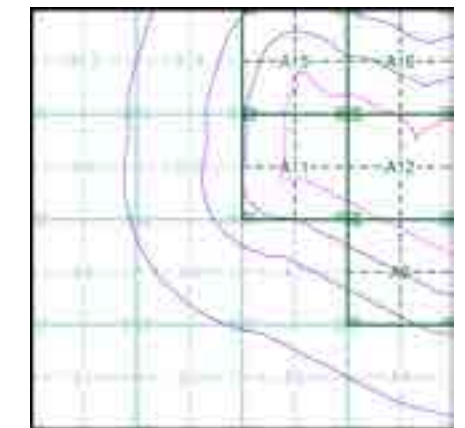
Specified Sites
 Specified Features
 Mining Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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 **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

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

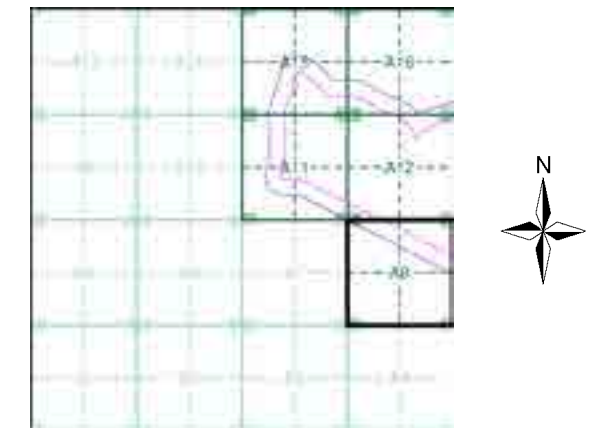
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
Bty Battery **PO Post Office**
Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1885 - 1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A8



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

Rutland

Published 1885 - 1888

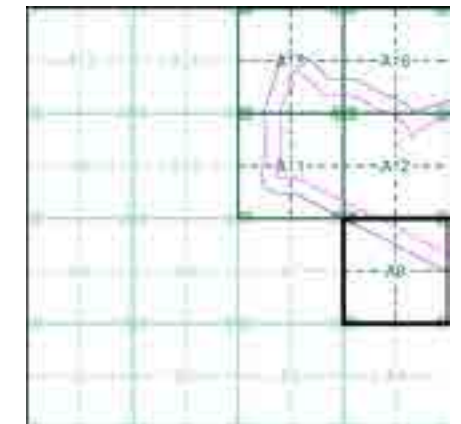
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

006_08
1888
1:2,500
006_12
1885
1:2,500

Historical Map - Segment A8

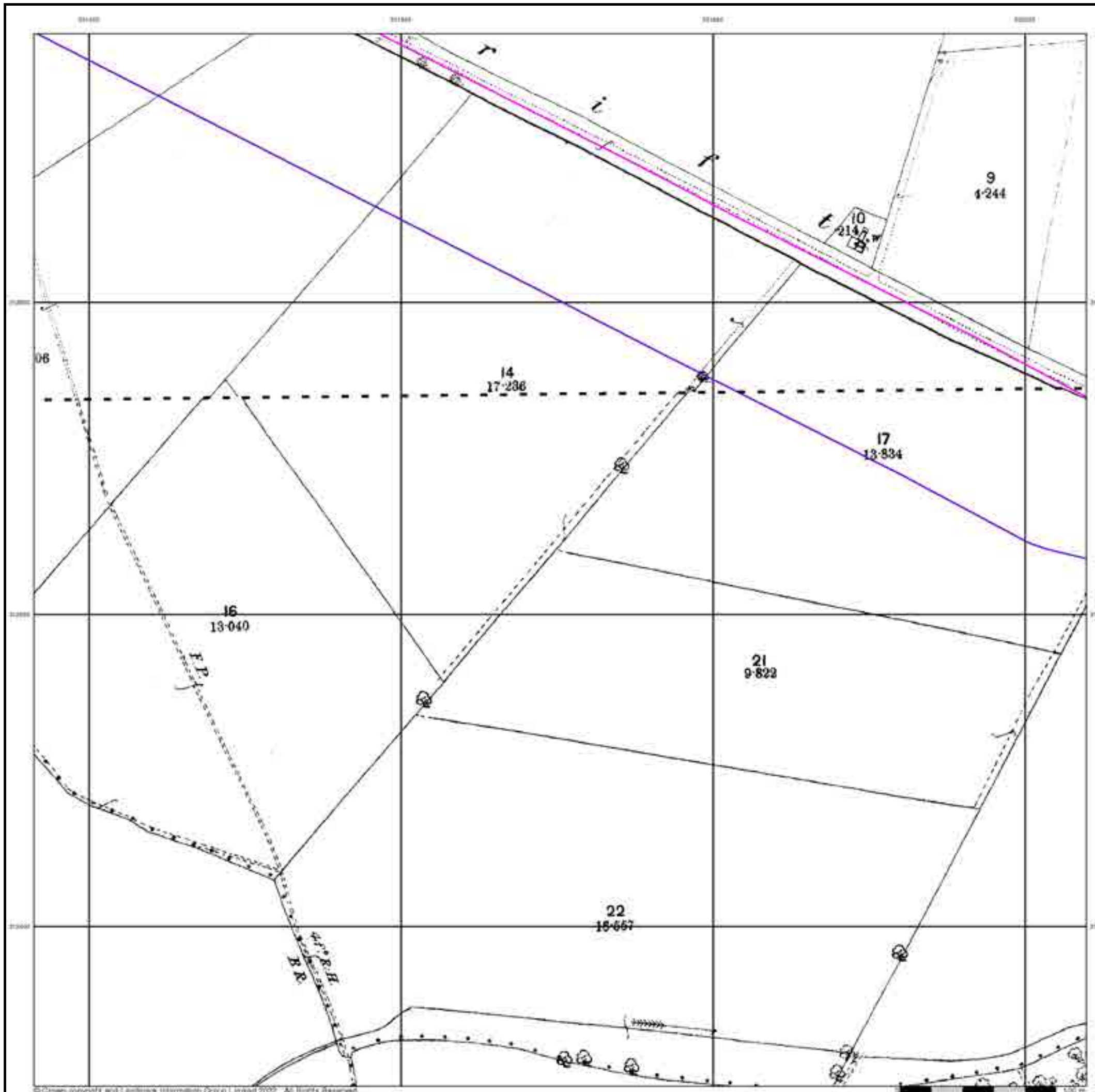


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

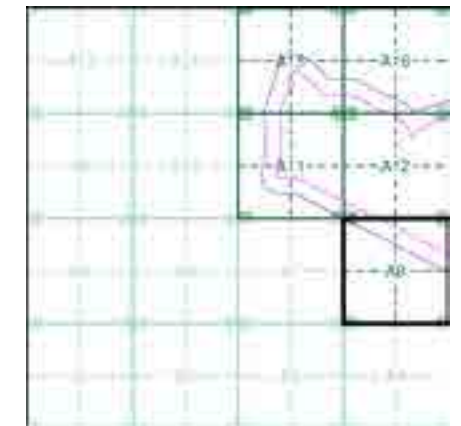
Source map scale - 1:2,500

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)

TF0112 1975 1:2,500	TF0212 1975 1:2,500
---------------------------	---------------------------

Historical Map - Segment A8

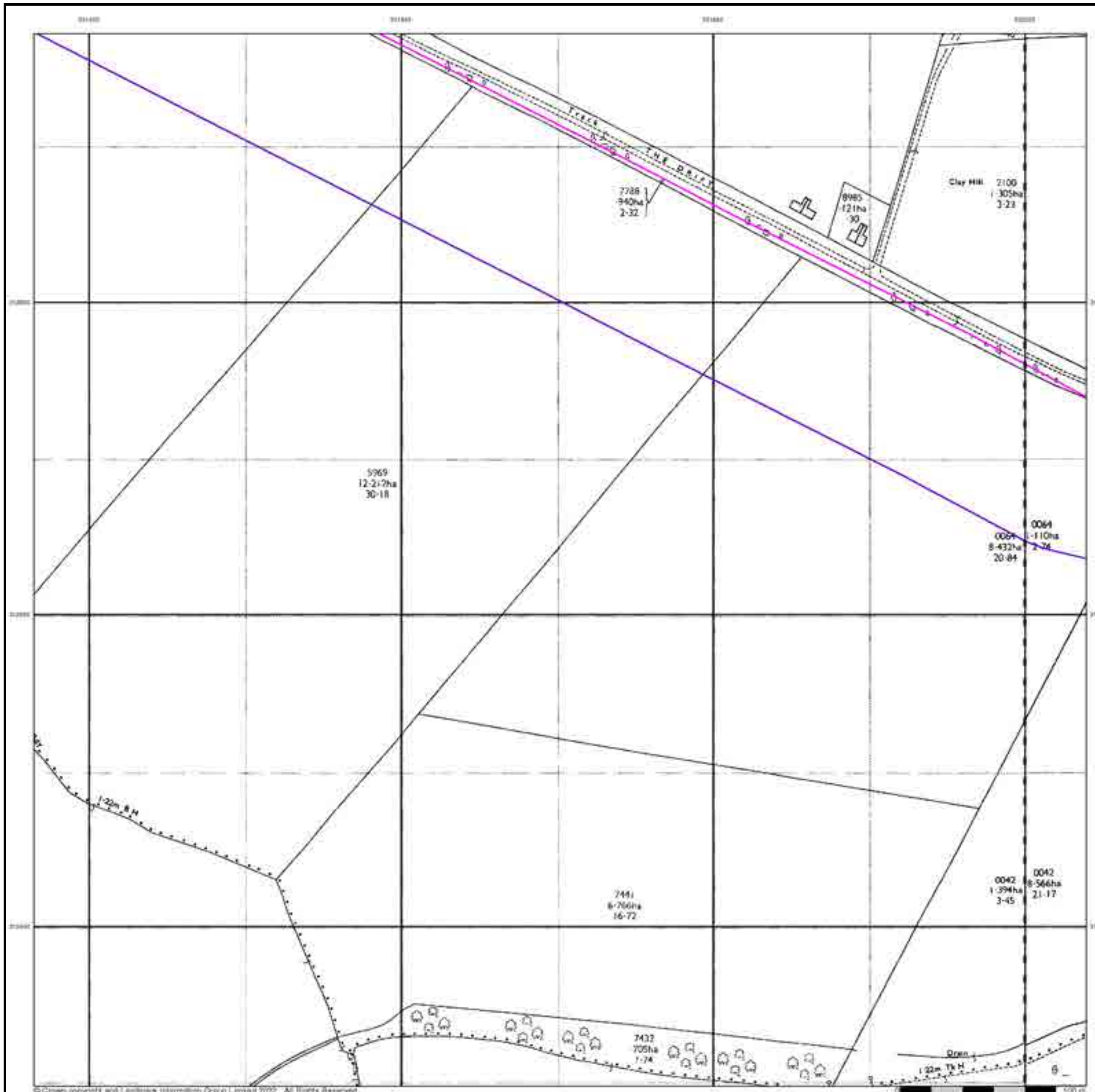


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

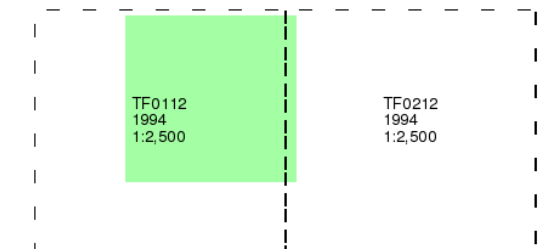
Site at 502039,313310



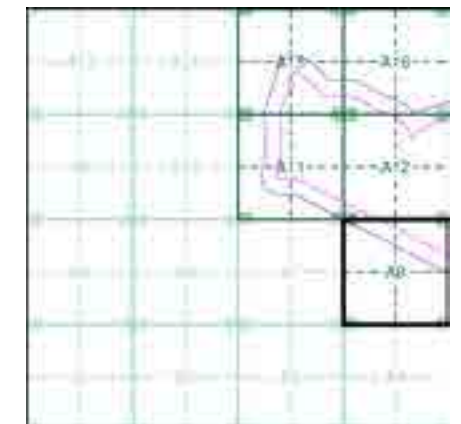
Large-Scale National Grid Data Published 1994 Source map scale - 1:2,500

'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 A8

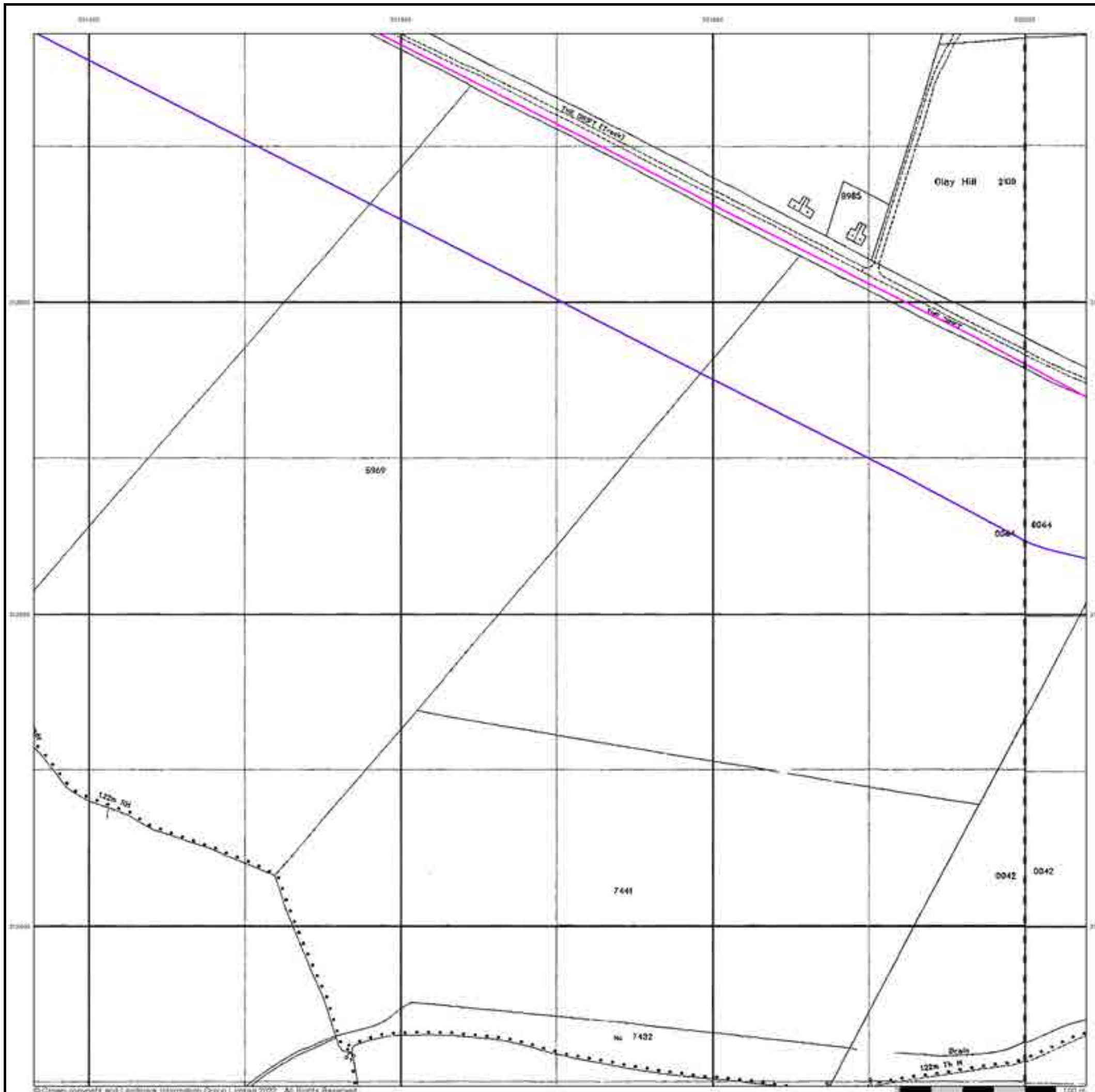


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

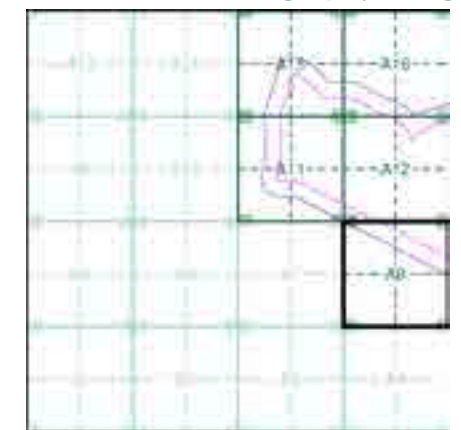
Site at 502039,313310



Historical Aerial Photography Published 1999

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

Historical Aerial Photography - Segment A8



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
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Site Details

Site at 502039,313310



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 **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Tr. Trough**
M.P. M.R. Mooring Post or Ring **W. Well**

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

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

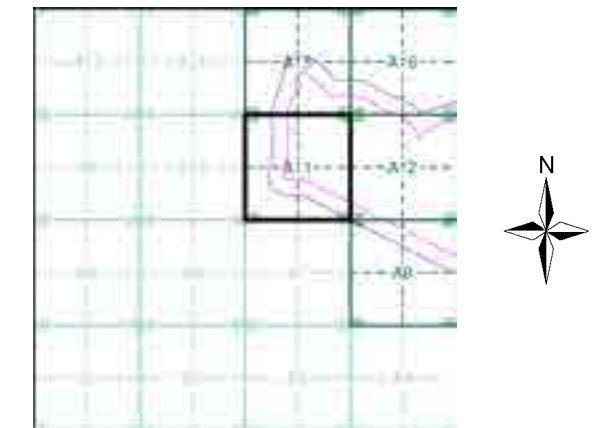
Large-Scale National Grid Data 1:2,500 and 1:1,250

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)**
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Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P Pillar, Pole or Post**
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Cemy Cemetery **PC Public Convenience**
Chy Chimney **Pp Pump**
Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta Sewage Pumping Station**
EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
EI Sub Sta Electricity Sub Station **SP, SL Signal Post or Light**
FB Filter Bed **Spr Spring**
Fn / D Fn Fountain / Drinking Ftn. **Tk Tank or Track**
Gas Gov Gas Valve Compound **Tr Trough**
GVC Gas Governor **Wd Pp Wind Pump**
GP Guide Post **Wr Pt, Wr T Water Point, Water Tap**
MH Manhole **Wks Works (building or area)**
MP, MS Mile Post or Mile Stone **W Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A11



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

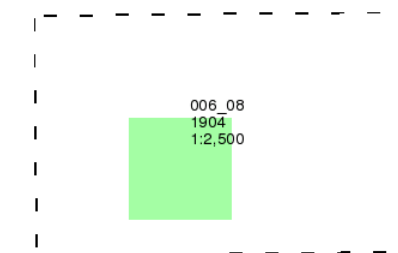
Rutland

Published 1904

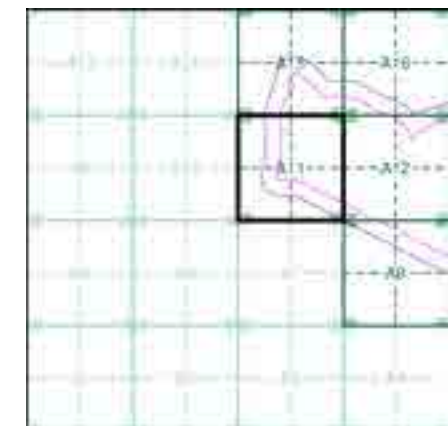
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

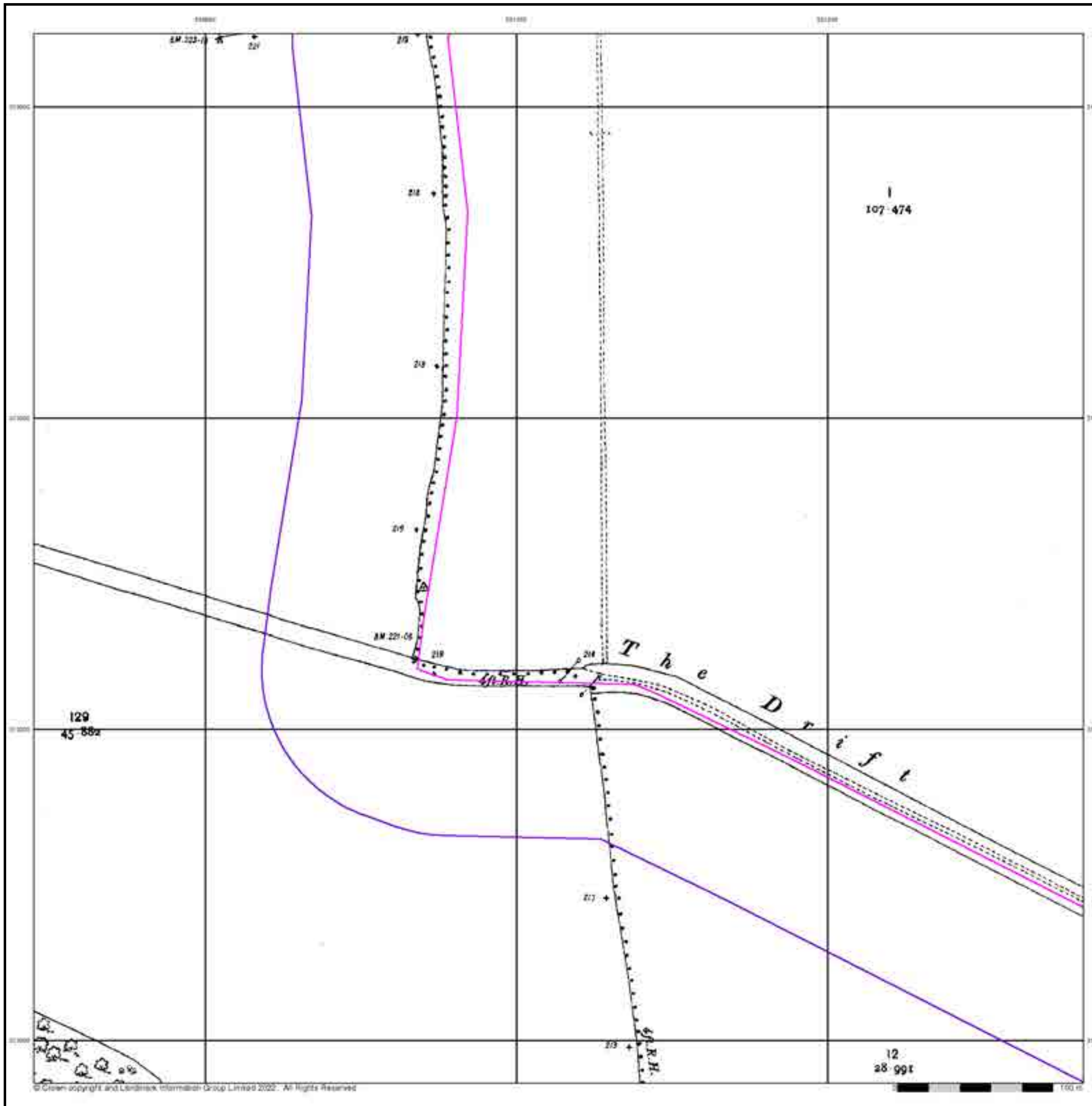


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

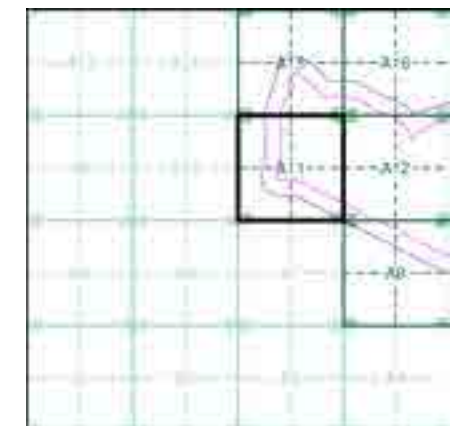
Source map scale - 1:2,500

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)

TF0013 1975 1:2,500	TF0113 1975 1:2,500
TF0012 1975 1:2,500	TF0112 1975 1:2,500

Historical Map - Segment A11

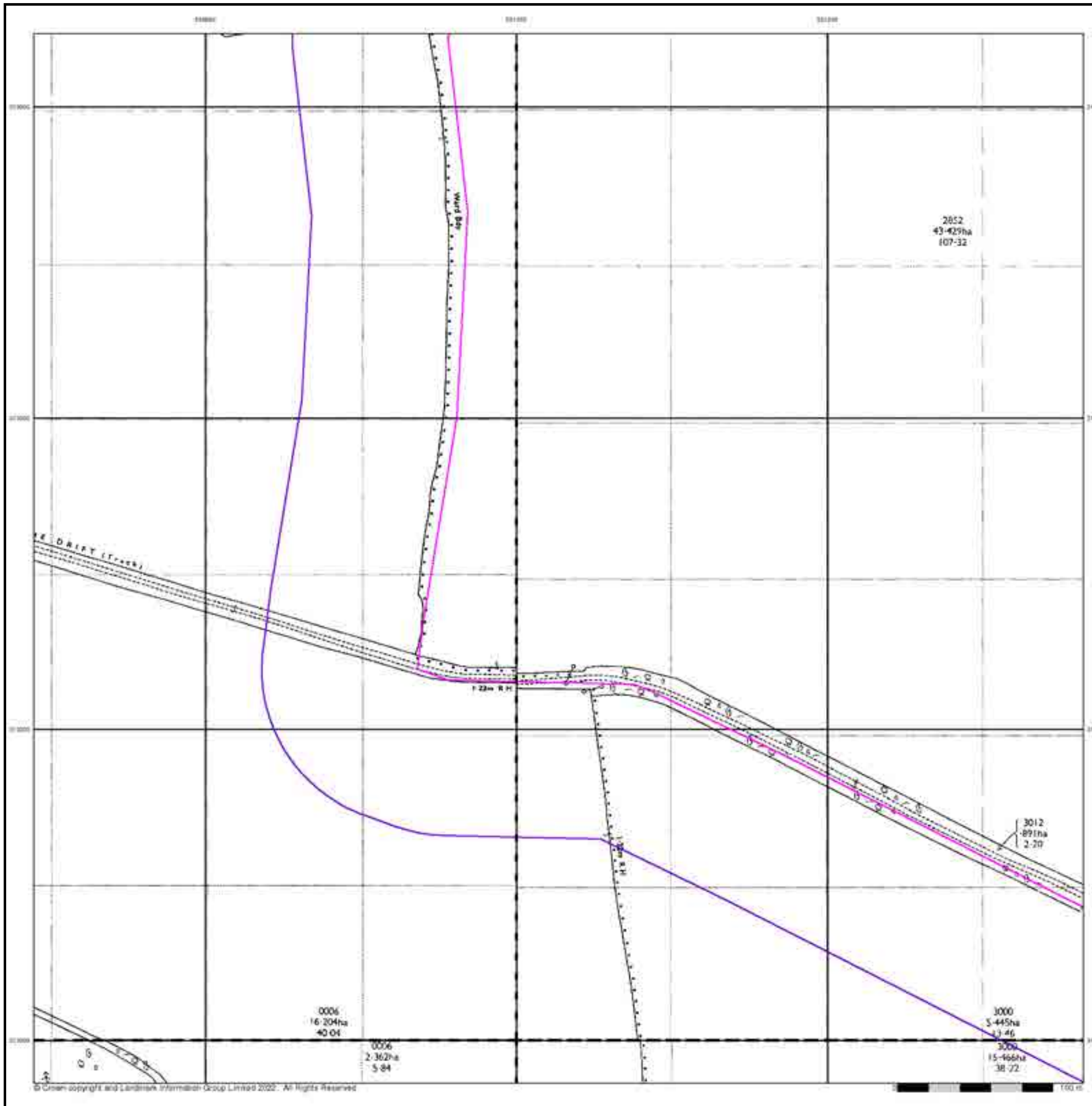


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

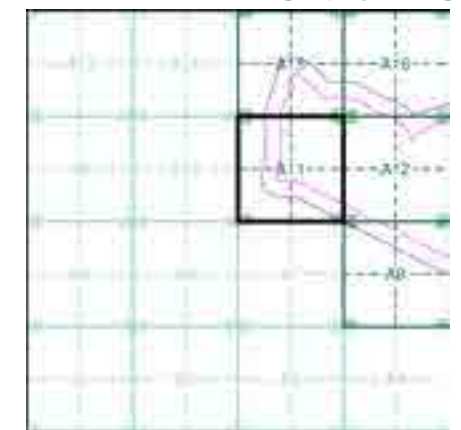
Site at 502039,313310



Historical Aerial Photography Published 1999

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

Historical Aerial Photography - Segment A11

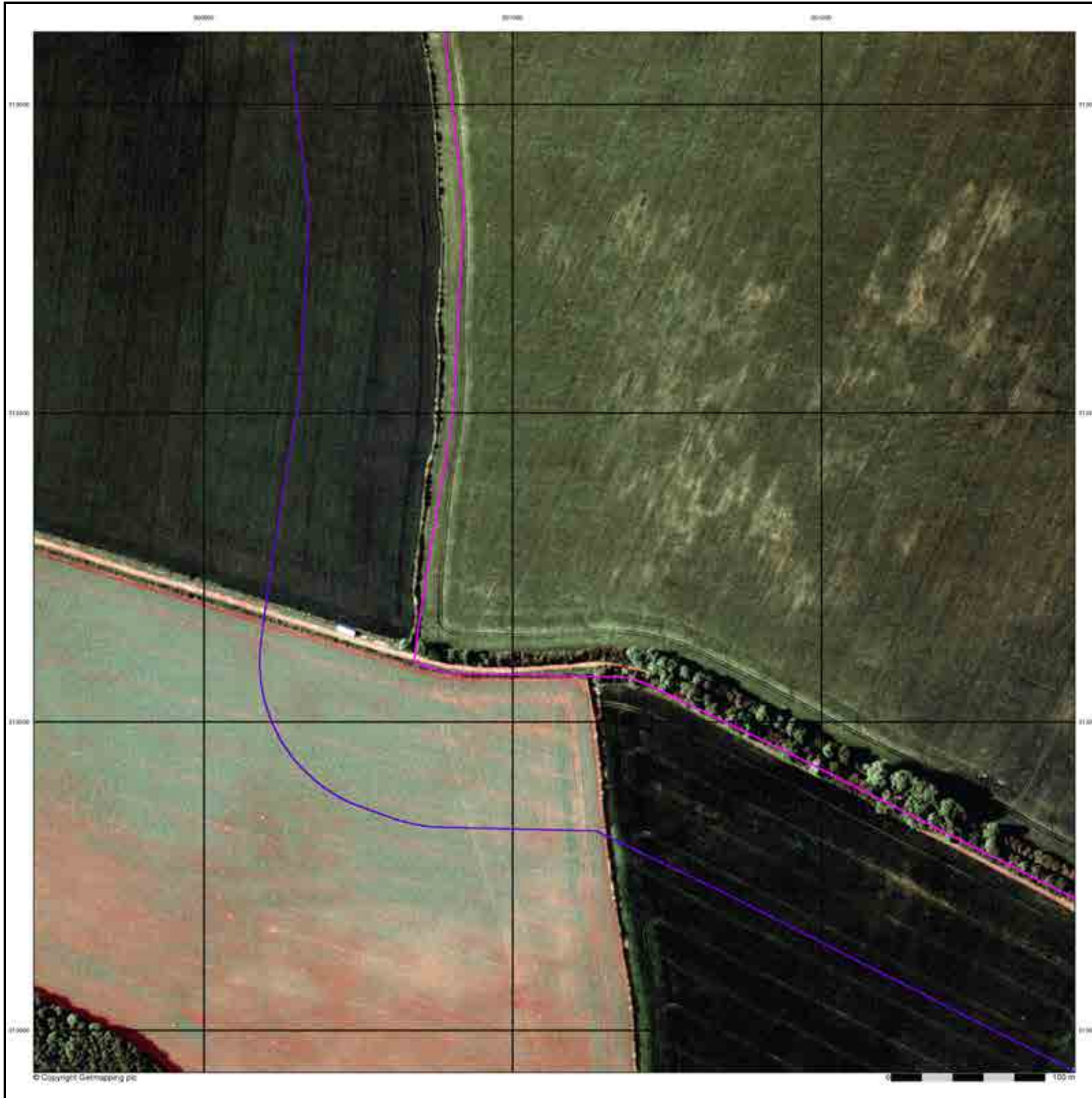


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



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

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
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Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
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Direction of water flow **Bench Mark** **Antiquity (site of)**
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Electricity Transmission Line
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FAP Fire Alarm Pillar **SP, SL Signal Post or Light**
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H Hydrant or Hydraulic **TCB Telephone Call Box**
LC Level Crossing **TCP Telephone Call Post**
MH Manhole **Tr Trough**
MP Mile Post or Mooring Post **Wr Pt, Wr T Water Point, Water Tap**
MS Mile Stone **W Well**
NTL Normal Tidal Limit **Wd Pp Wind Pump**

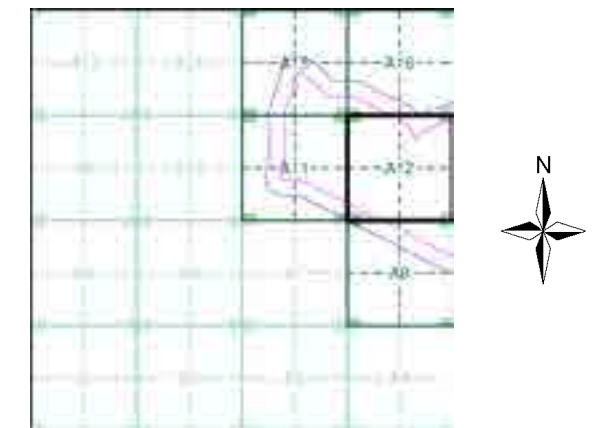
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
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Dismtd Rly Dismantled Railway **PW Place of Worship**
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EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A12



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

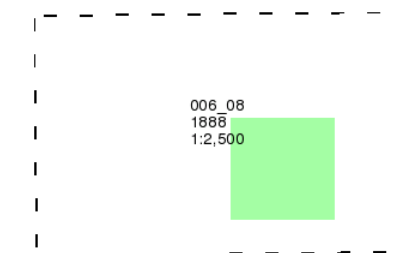
Rutland

Published 1888

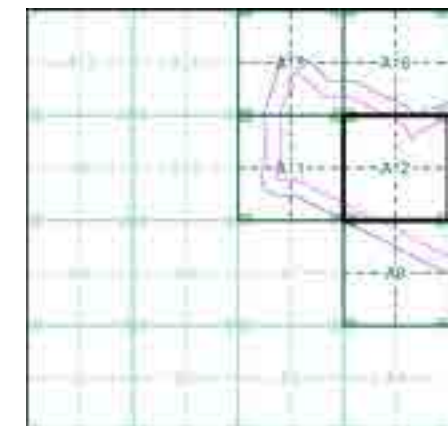
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A12

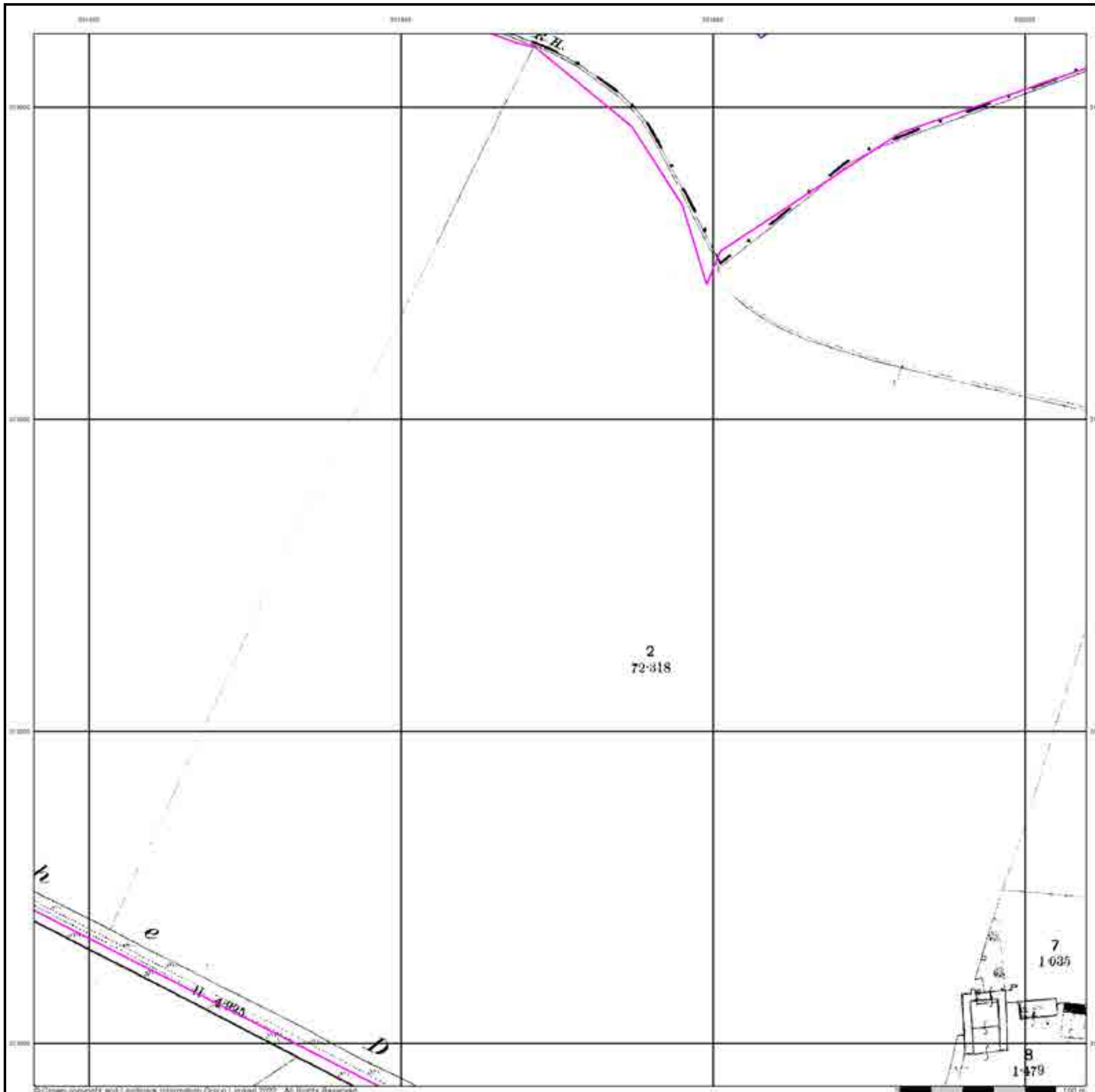


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
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Site Details

Site at 502039,313310



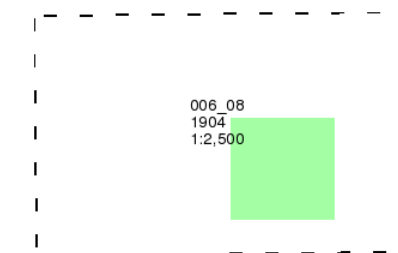
Rutland

Published 1904

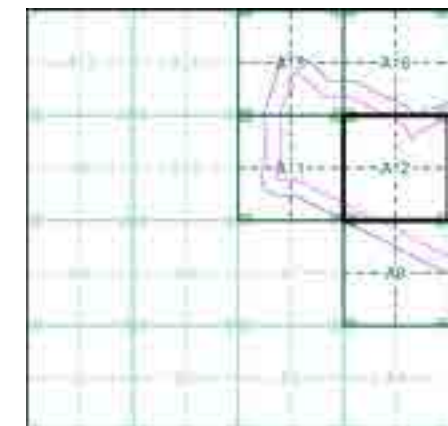
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A12

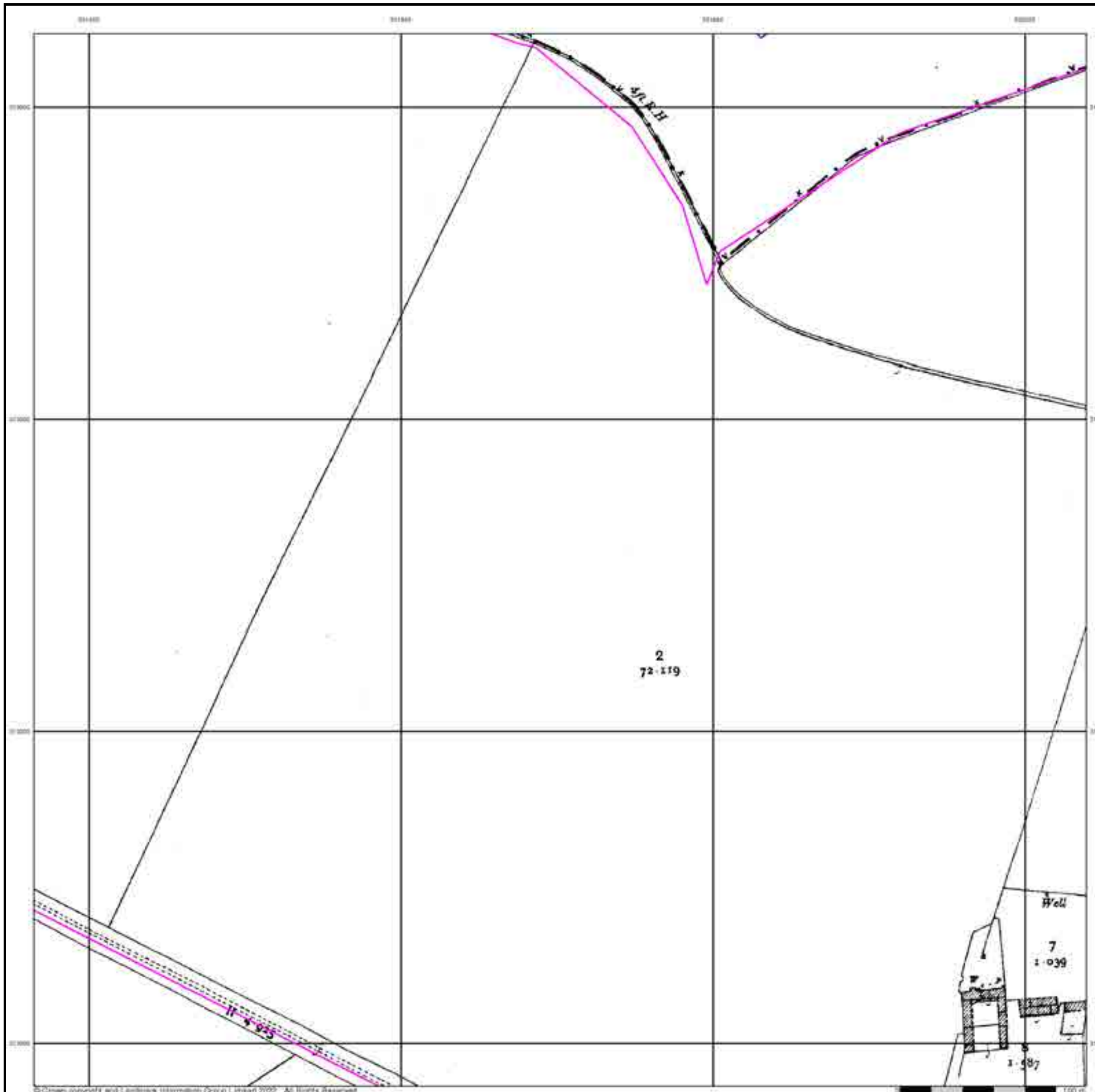


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

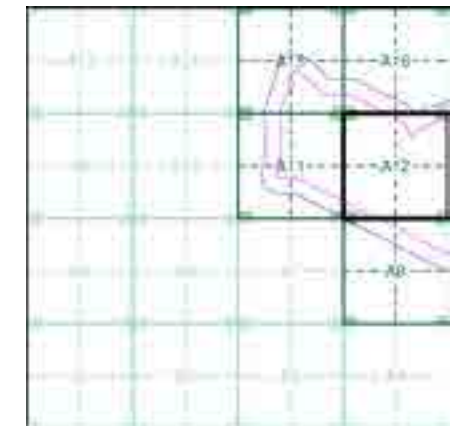
Source map scale - 1:2,500

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)

TF0113 1975 1:2,500	TF0213 1975 1:2,500
TF0112 1975 1:2,500	TF0212 1975 1:2,500

Historical Map - Segment A12

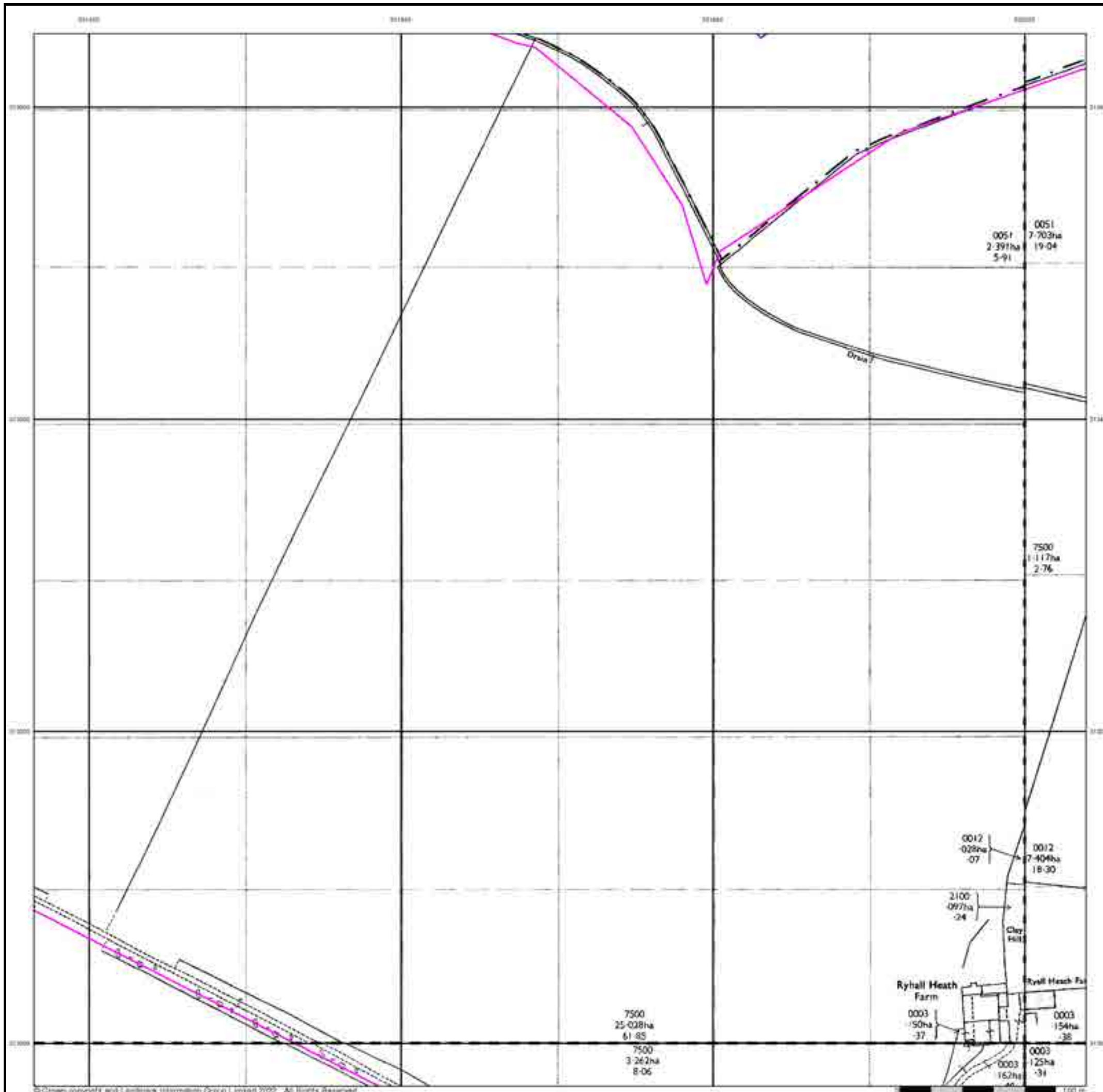


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Large-Scale National Grid Data

Published 1994

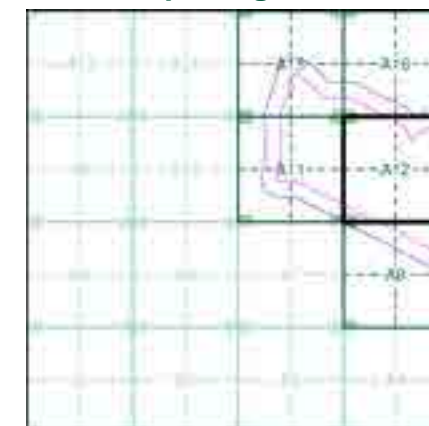
Source map scale - 1:2,500

'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)

TF0113 1994 1:2,500	TF0213 1994 1:2,500
TF0112 1994 1:2,500	TF0212 1994 1:2,500

Historical Map - Segment A12

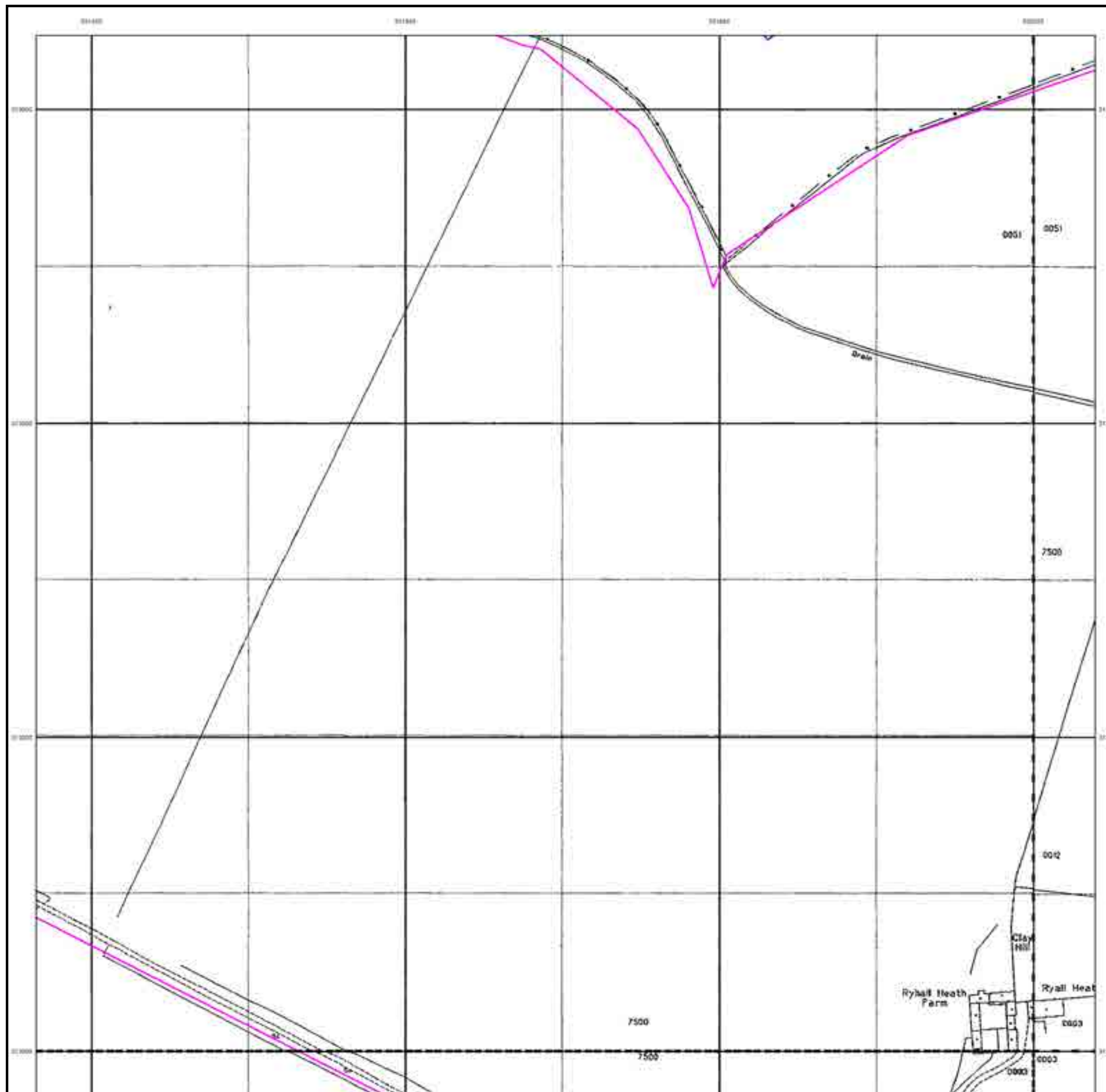


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

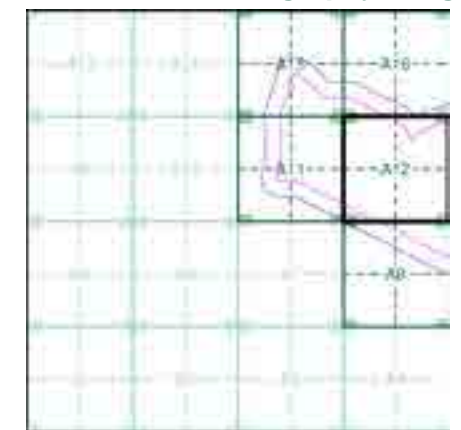
Site at 502039,313310



Historical Aerial Photography
Published 1999

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

Historical Aerial Photography - Segment A12



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



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 **P Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sl. Sluice**
F.P. Foot Path **Sp. Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
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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)**
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Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
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County Boundary (Geographical)
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BP, BS Boundary Post or Stone **PO Post Office**
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MS Mile Stone **W Well**
NTL Normal Tidal Limit **Wd Pp Wind Pump**

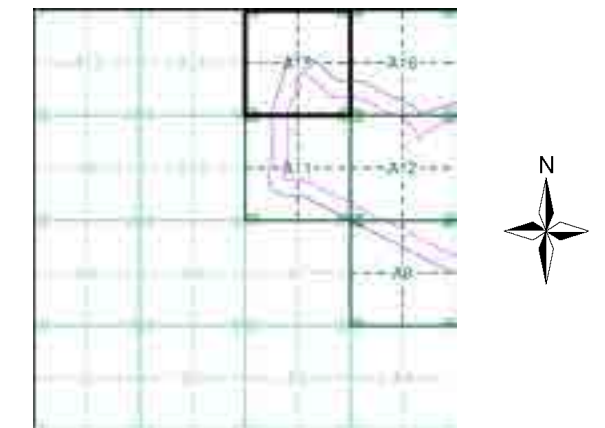
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
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Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
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Cis Cistern **Ppg Sta Pumping Station**
Dismtd Rly Dismantled Railway **PW Place of Worship**
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EI P Electricity Pole, Pillar **SB, S Br Signal Box or Bridge**
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A15



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

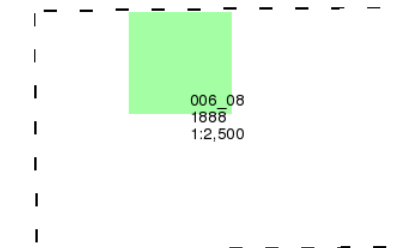
Rutland

Published 1888

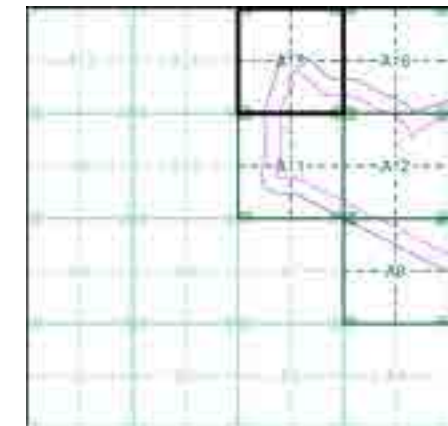
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A15

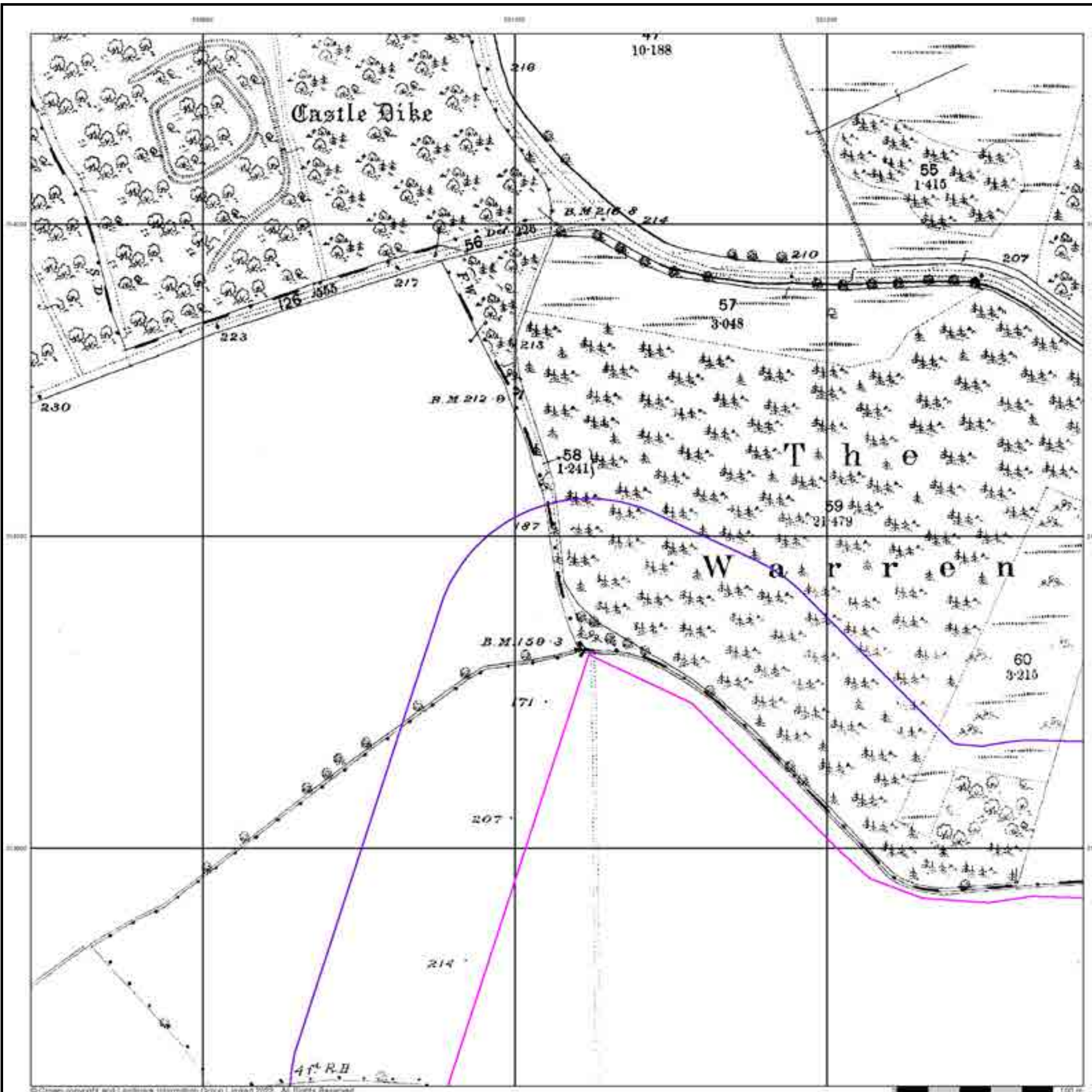


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



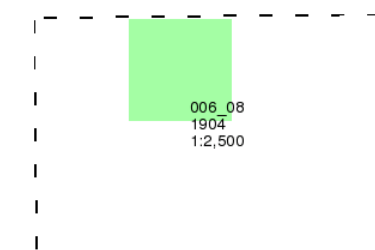
Rutland

Published 1904

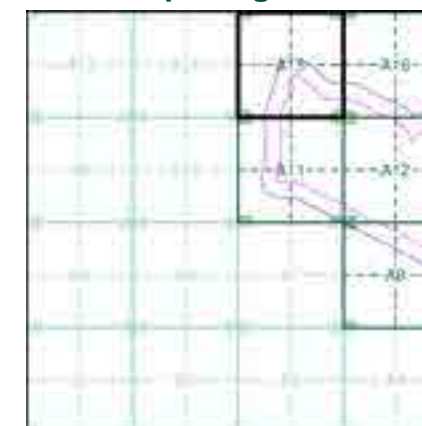
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A15

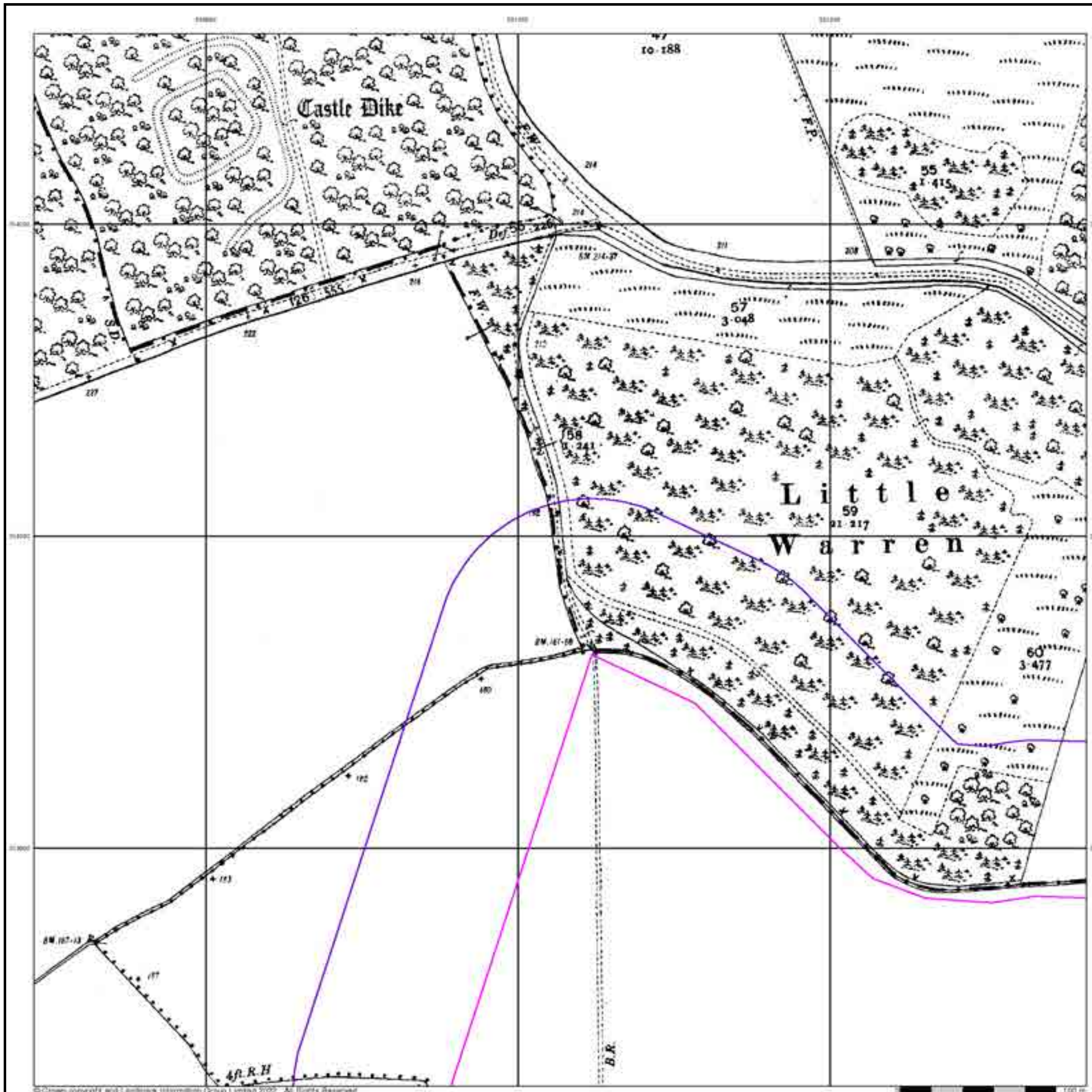


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

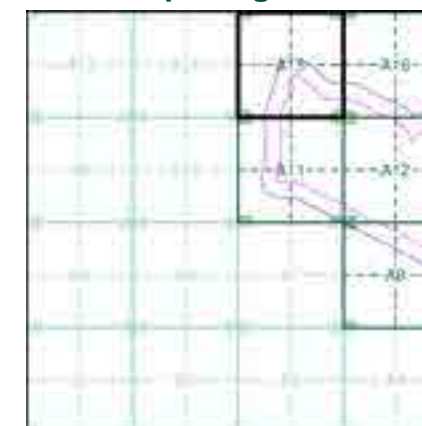
Source map scale - 1:2,500

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)

TF0014 1975 12,500	TF0114 1975 12,500
TF0013 1975 12,500	TF0113 1975 12,500

Historical Map - Segment A15

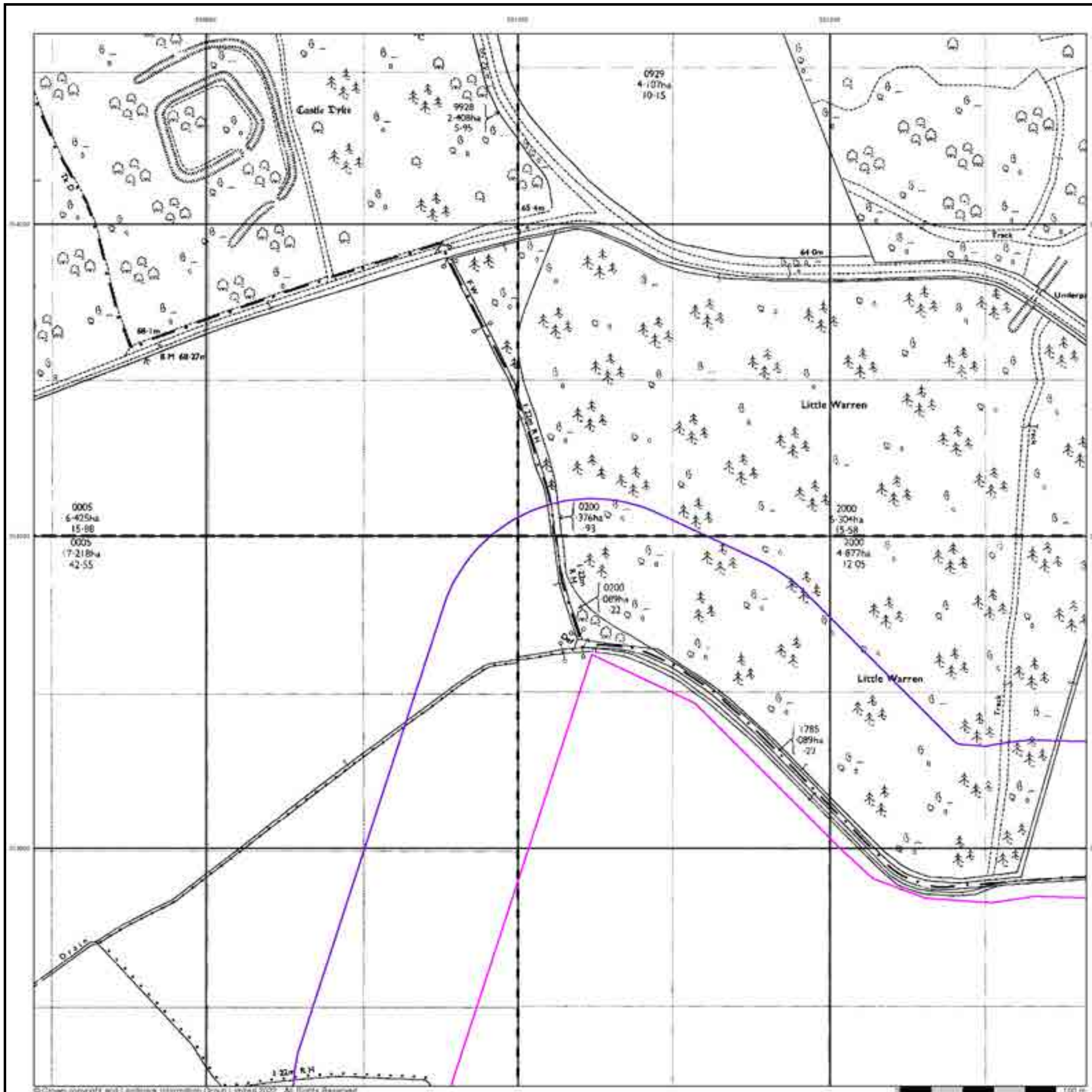


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Large-Scale National Grid Data

Published 1994

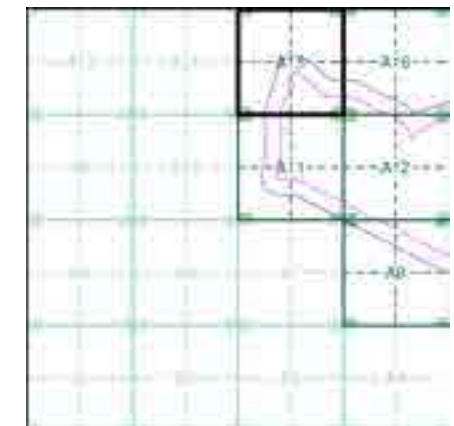
Source map scale - 1:2,500

'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)

TF0014	TF0114
1994	1994
12,500	12,500
TF0013	TF0113
1994	1994
12,500	12,500

Historical Map - Segment A15

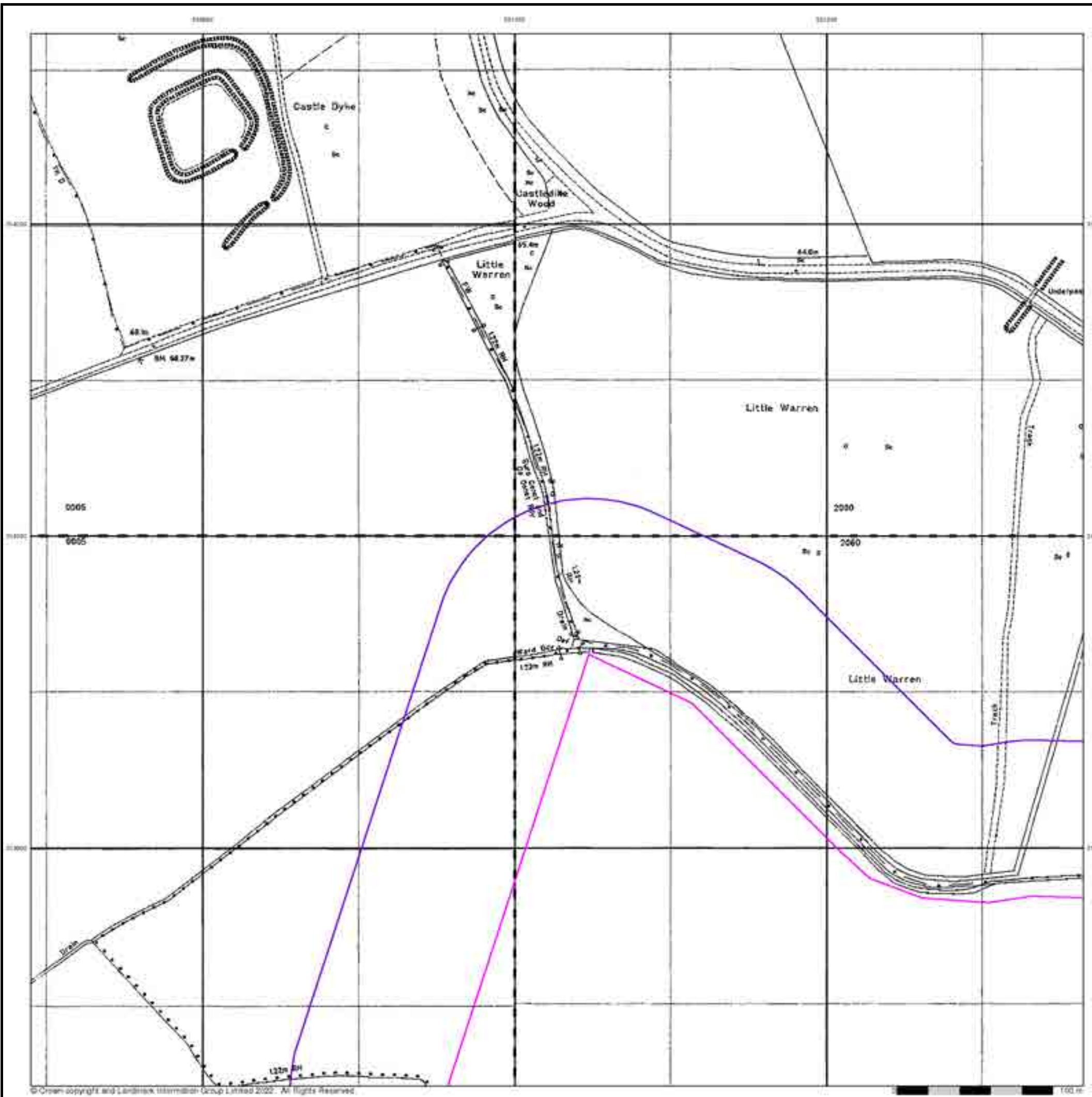


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

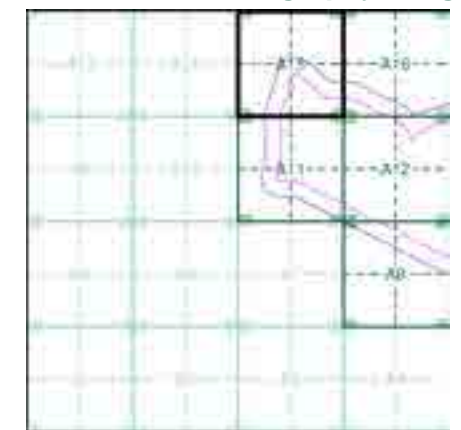
Site at 502039,313310



Historical Aerial Photography Published 1999

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

Historical Aerial Photography - Segment A15

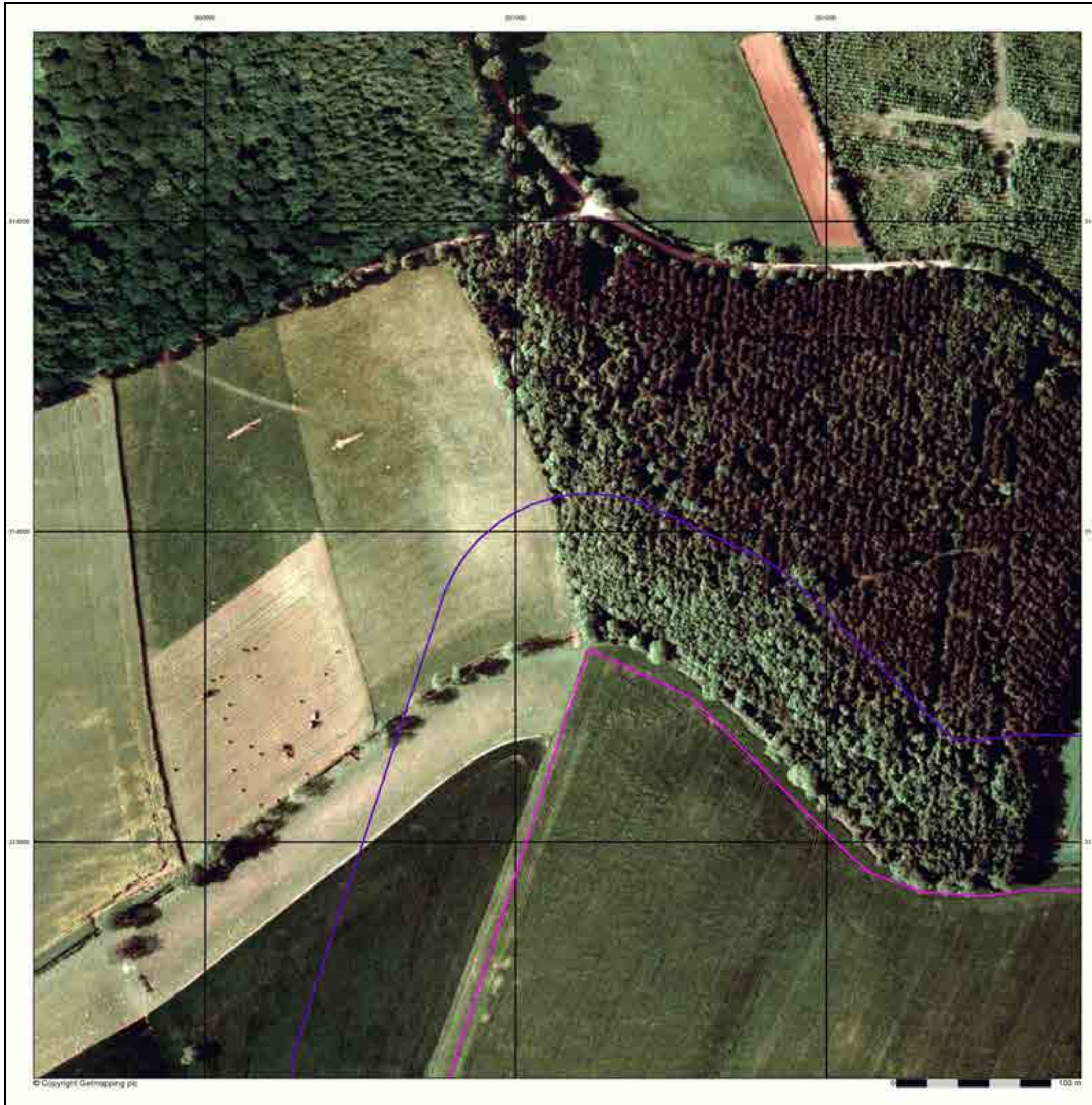


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



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)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

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

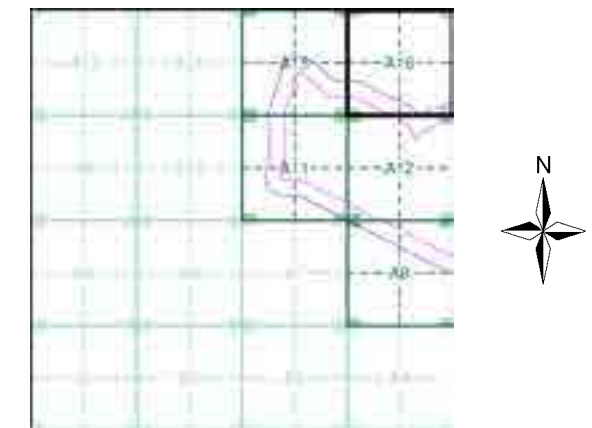
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment A16



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

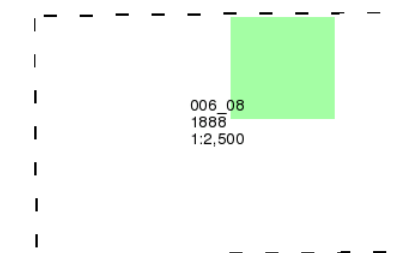
Rutland

Published 1888

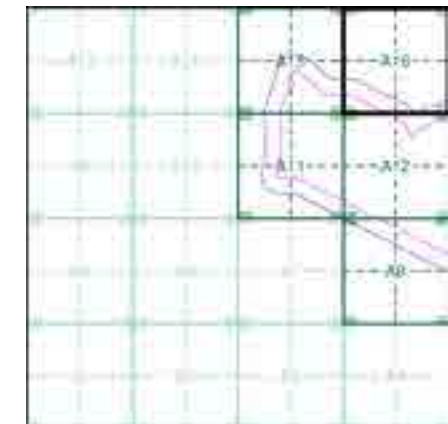
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16

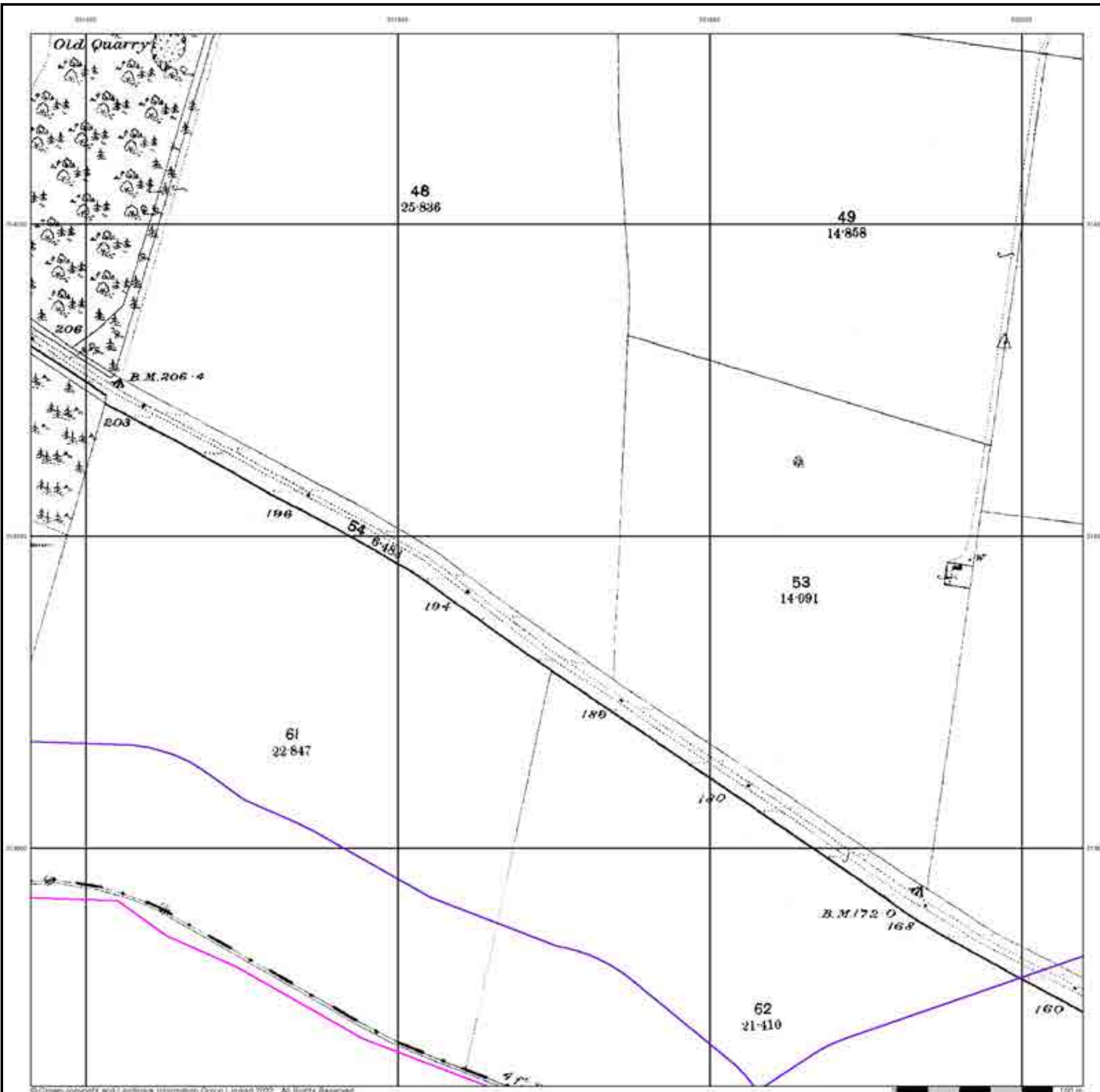


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



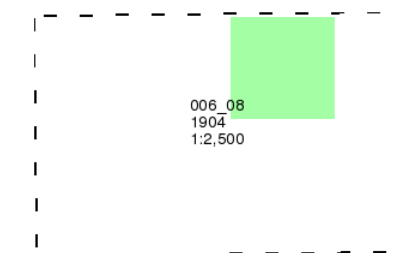
Rutland

Published 1904

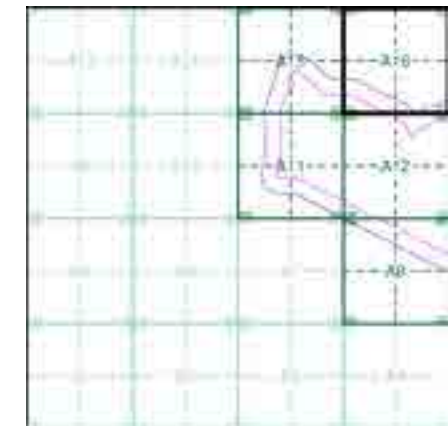
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A16

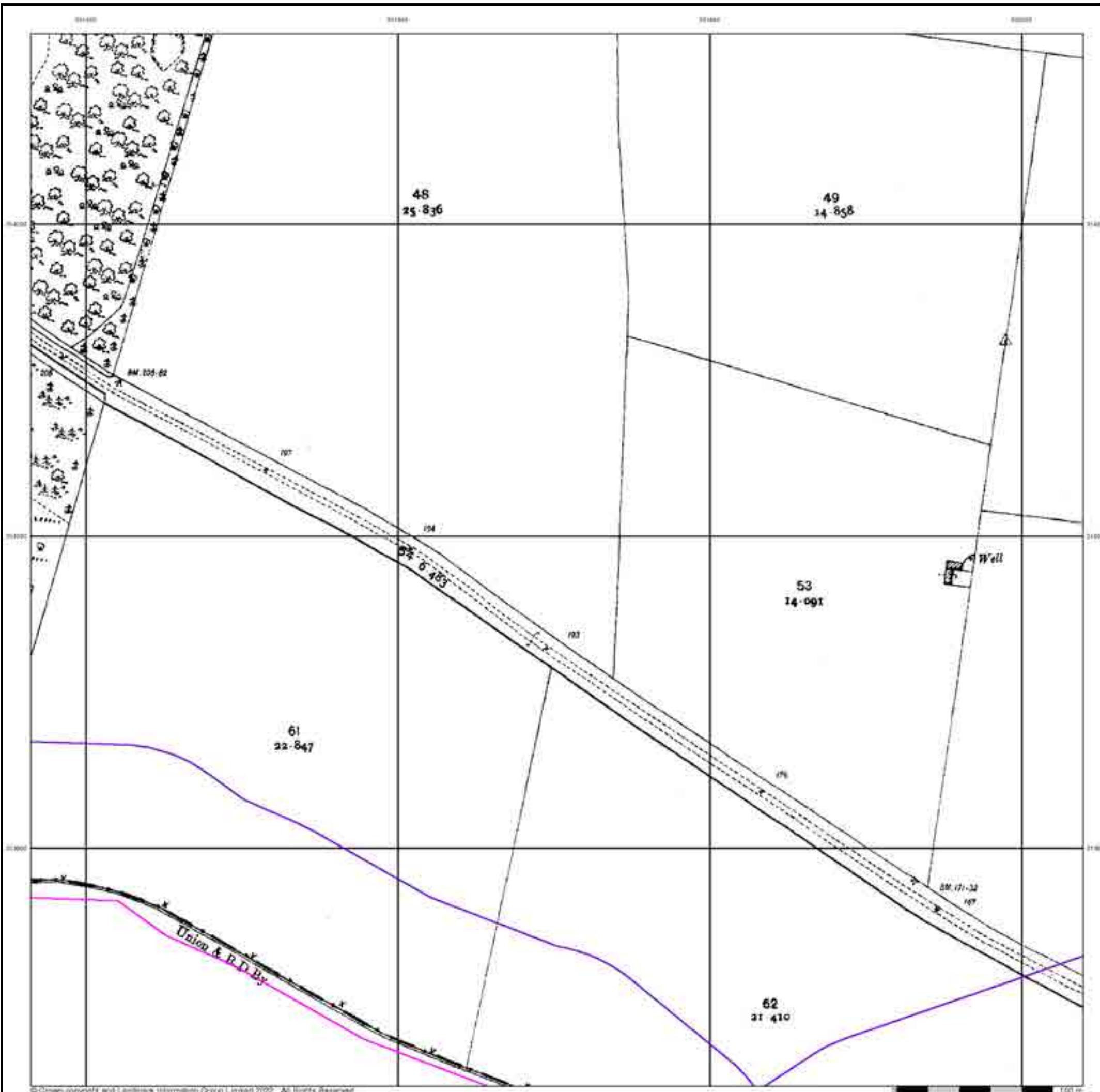


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

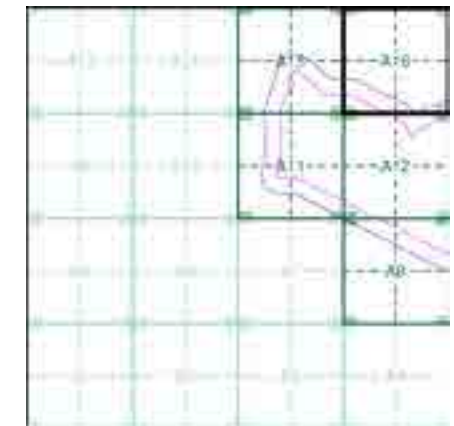
Source map scale - 1:2,500

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)

TF0114 1975 12,500	TF0214 1975 12,500
TF0113 1975 12,500	TF0213 1975 12,500

Historical Map - Segment A16

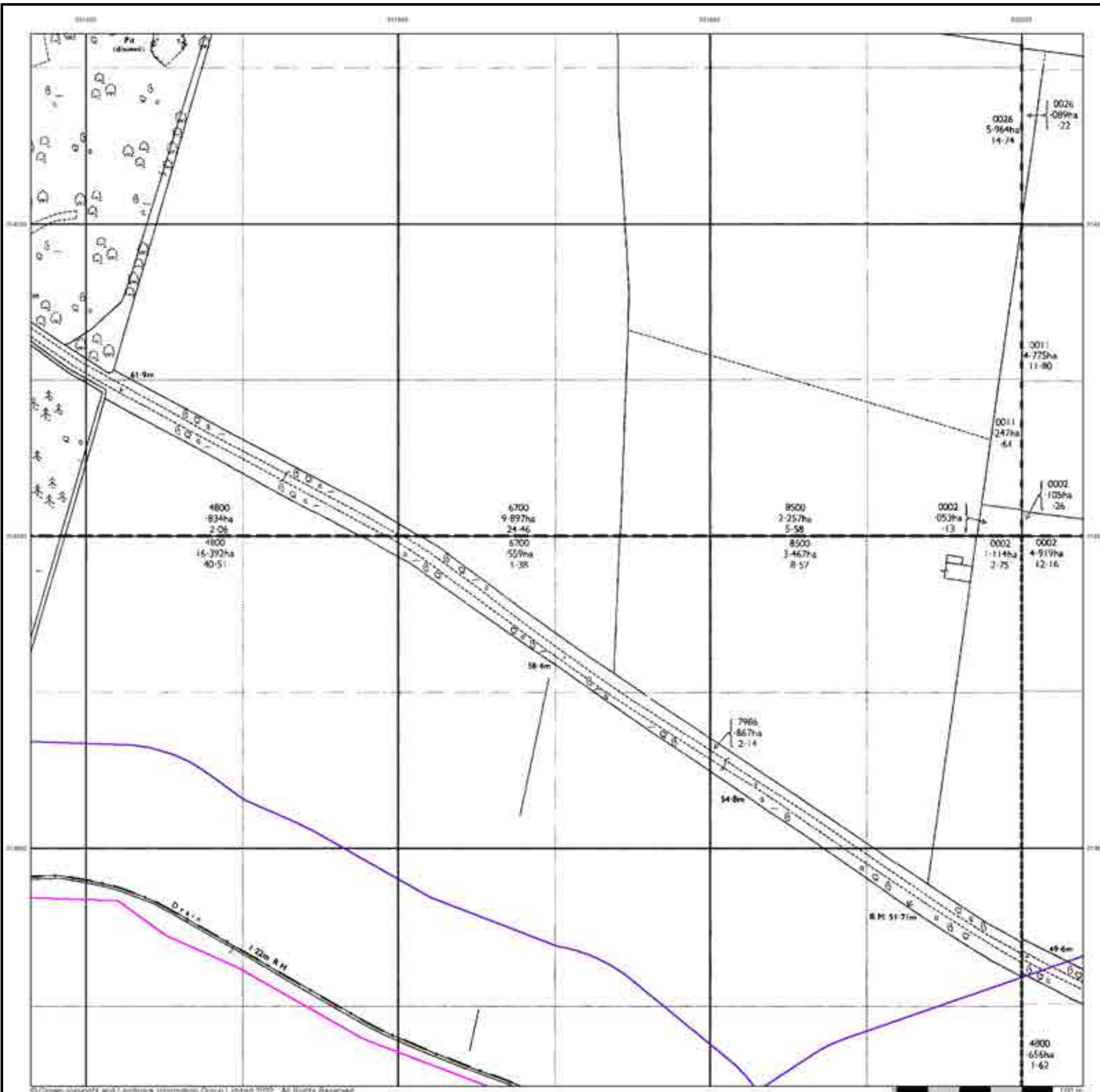


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501090, 313210
 Slice: A
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Large-Scale National Grid Data

Published 1994

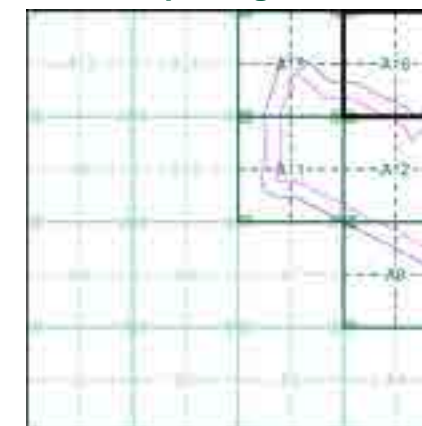
Source map scale - 1:2,500

'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)

TF0114	TF0214
1994	1994
12,500	12,500
TF0113	TF0213
1994	1994
12,500	12,500

Historical Map - Segment A16

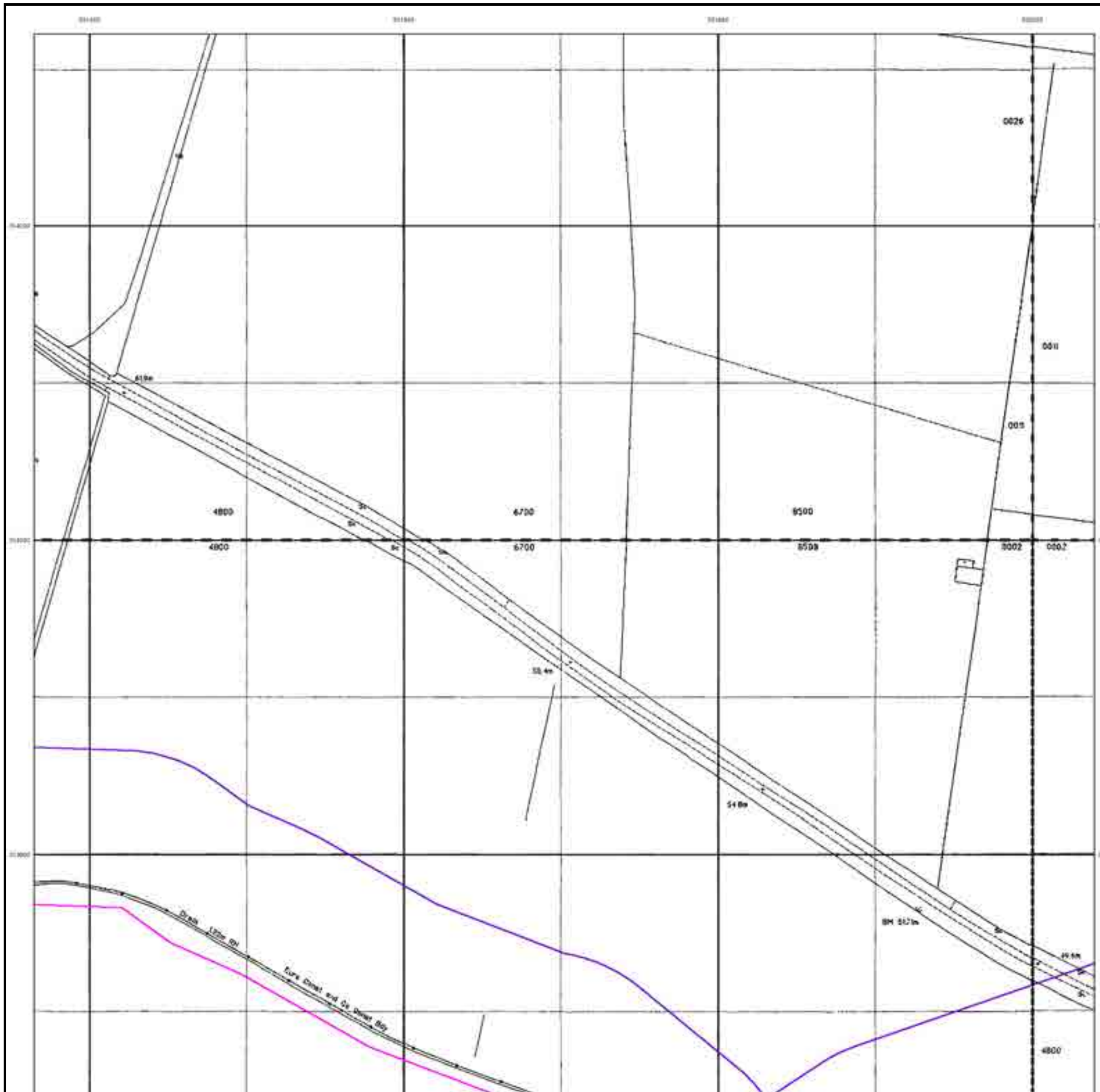


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310

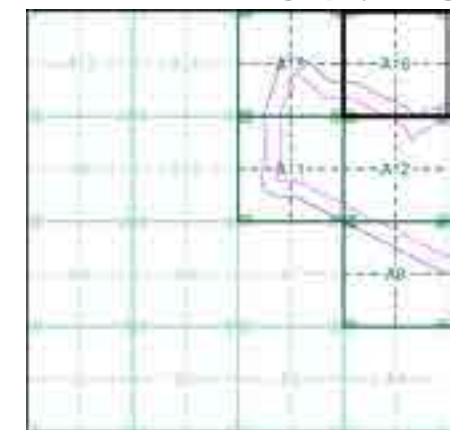


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A16

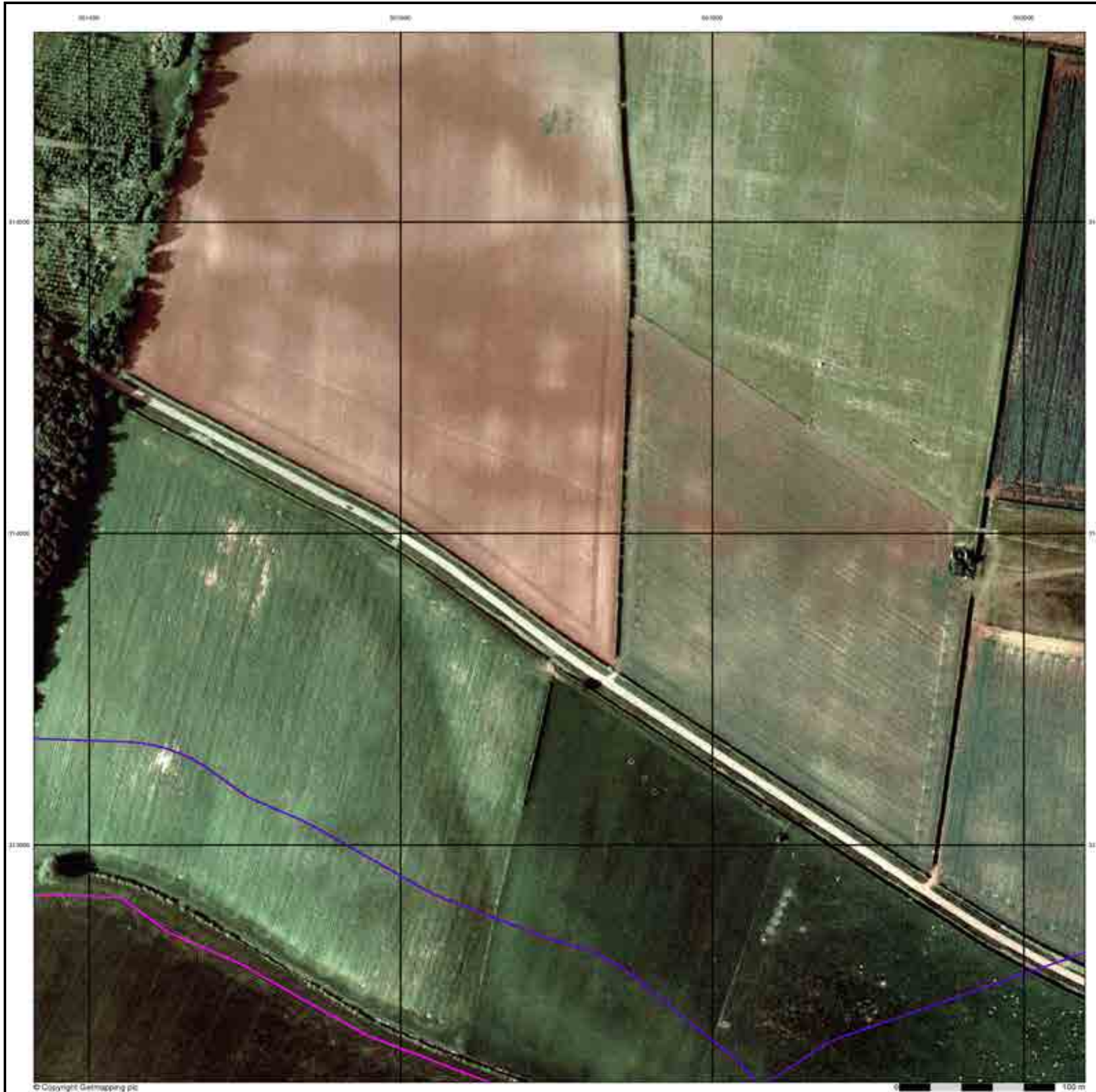


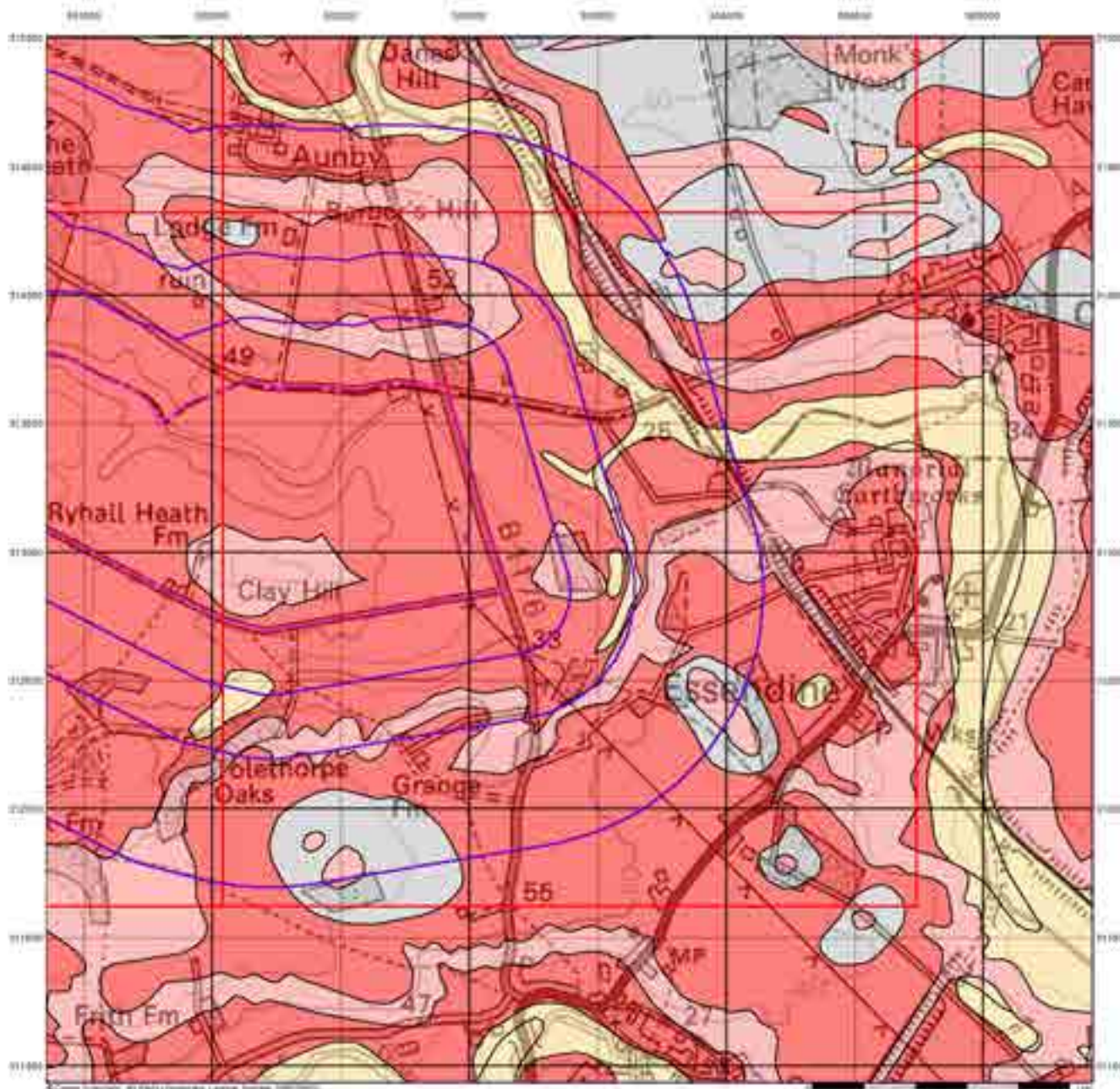
Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501090, 313210
Slice: A
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310





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Groundwater Vulnerability

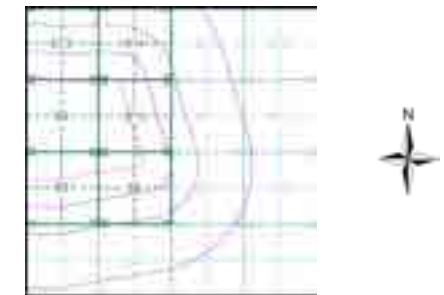
General

- Water Table
- Service Boundary
- Existing Hydrocarbons
- Mine
- M.A. 10

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|---|---|
| High Vulnerability, Principal Aquifer | High Vulnerability, Principal Aquifer |
| High Vulnerability, Secondary Aquifer | High Vulnerability, Secondary Aquifer |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer | Low Vulnerability, Principal Aquifer |
| Low Vulnerability, Secondary Aquifer | Low Vulnerability, Secondary Aquifer |
| Impervious Aquifer | |
| Surface Flow | |

Site Sensitivity Context Map - Slice B



Order Details

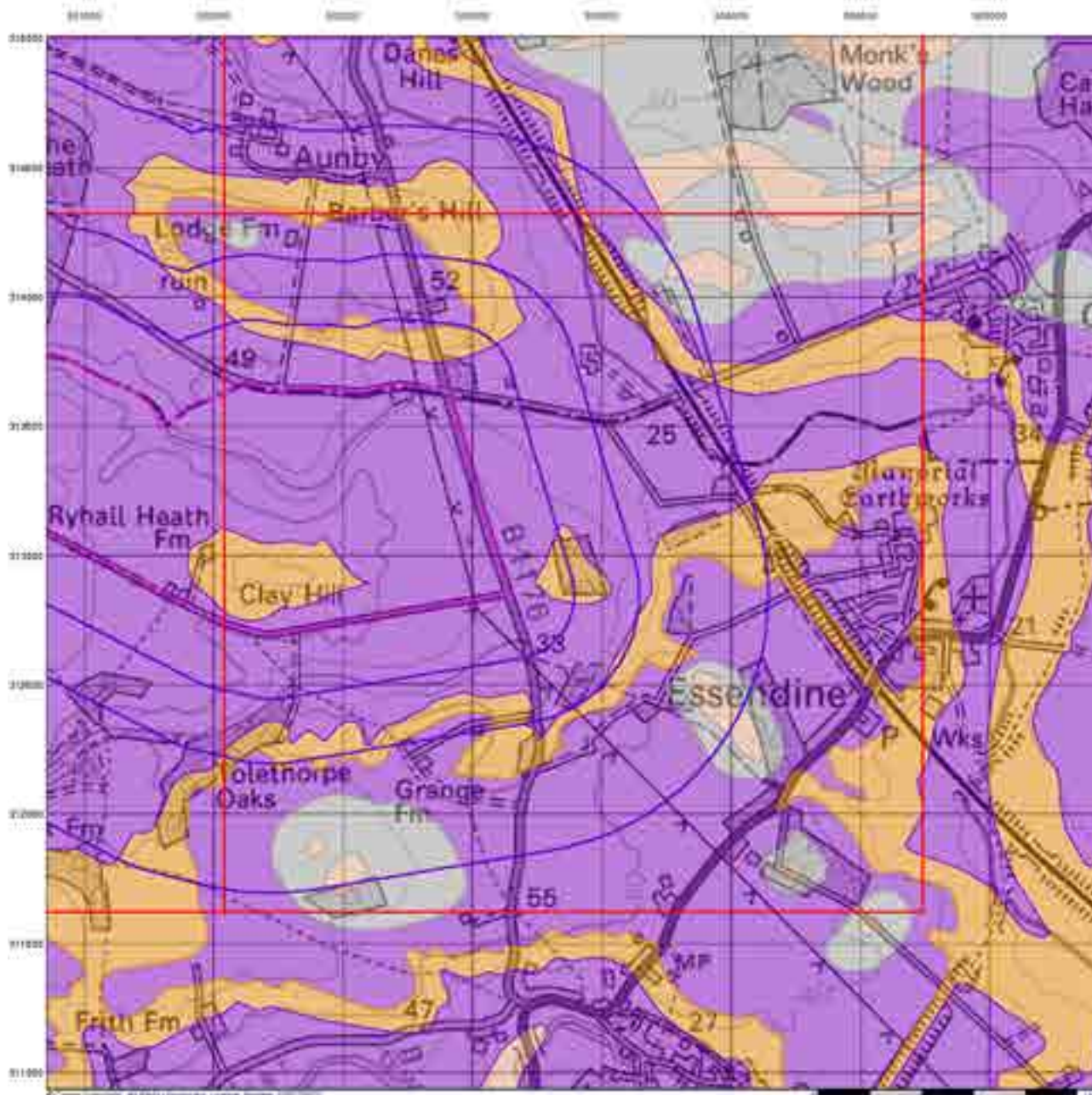
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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 Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

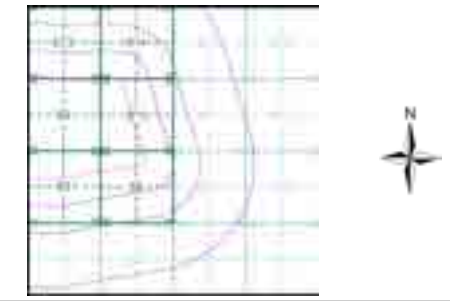
- Boundary Line
- Boundary Buffer
- Boundary Point
- Line
- Mark
- Boundary Point

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unconsolidated
- Unproductive Strata
- Unstable
- Unknown (Lenses and Lenticles)

Site Sensitivity Context Map - Slice B



Order Details

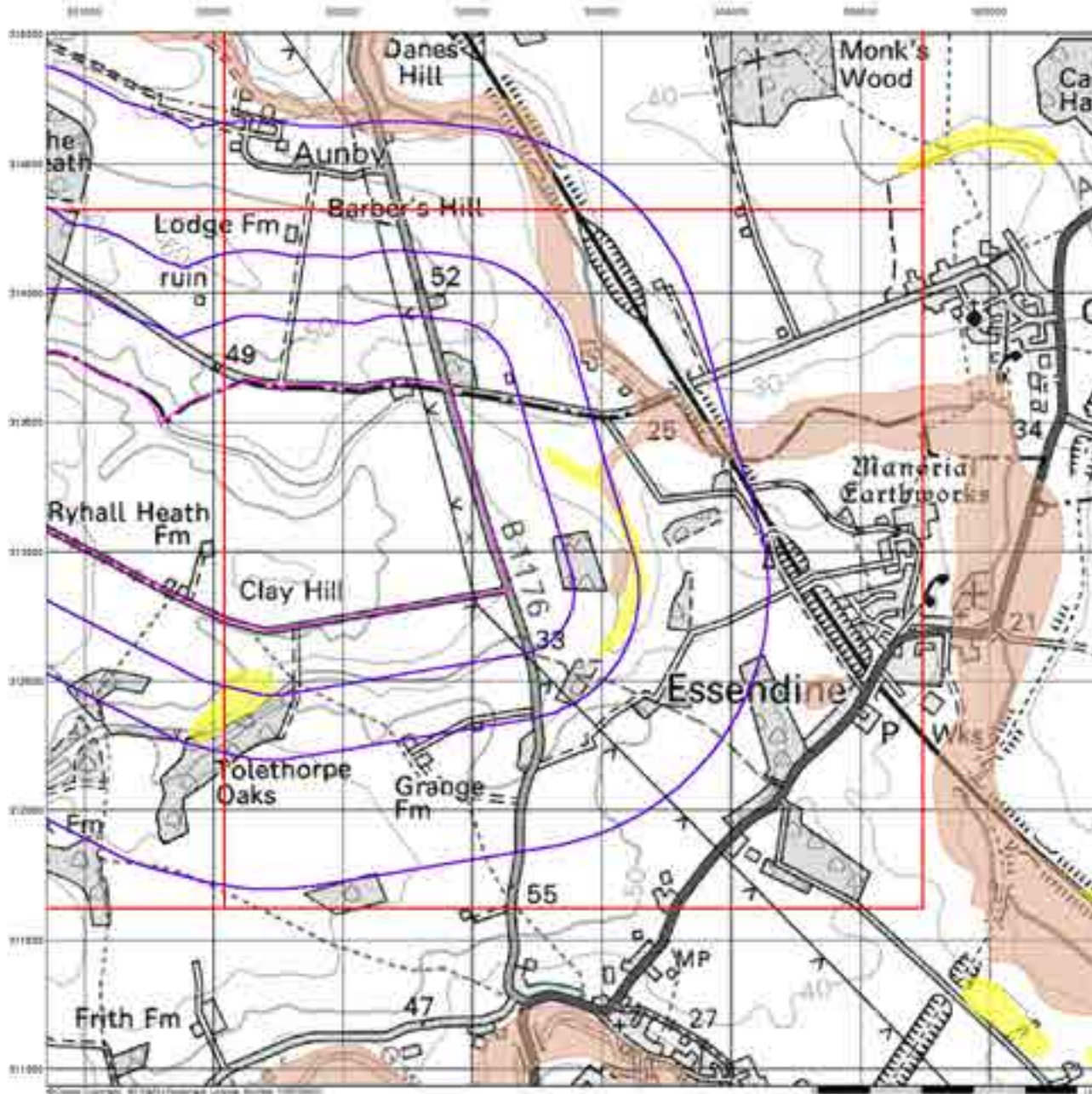
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Superficial Aquifer Designation

General

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unconsolidated
- Unconsolidated Sand
- Unstable
- Unknown (Lands and Lintons)

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unconsolidated
- Unconsolidated Sand
- Unstable
- Unknown (Lands and Lintons)

Site Sensitivity Context Map - Slice B



Order Details

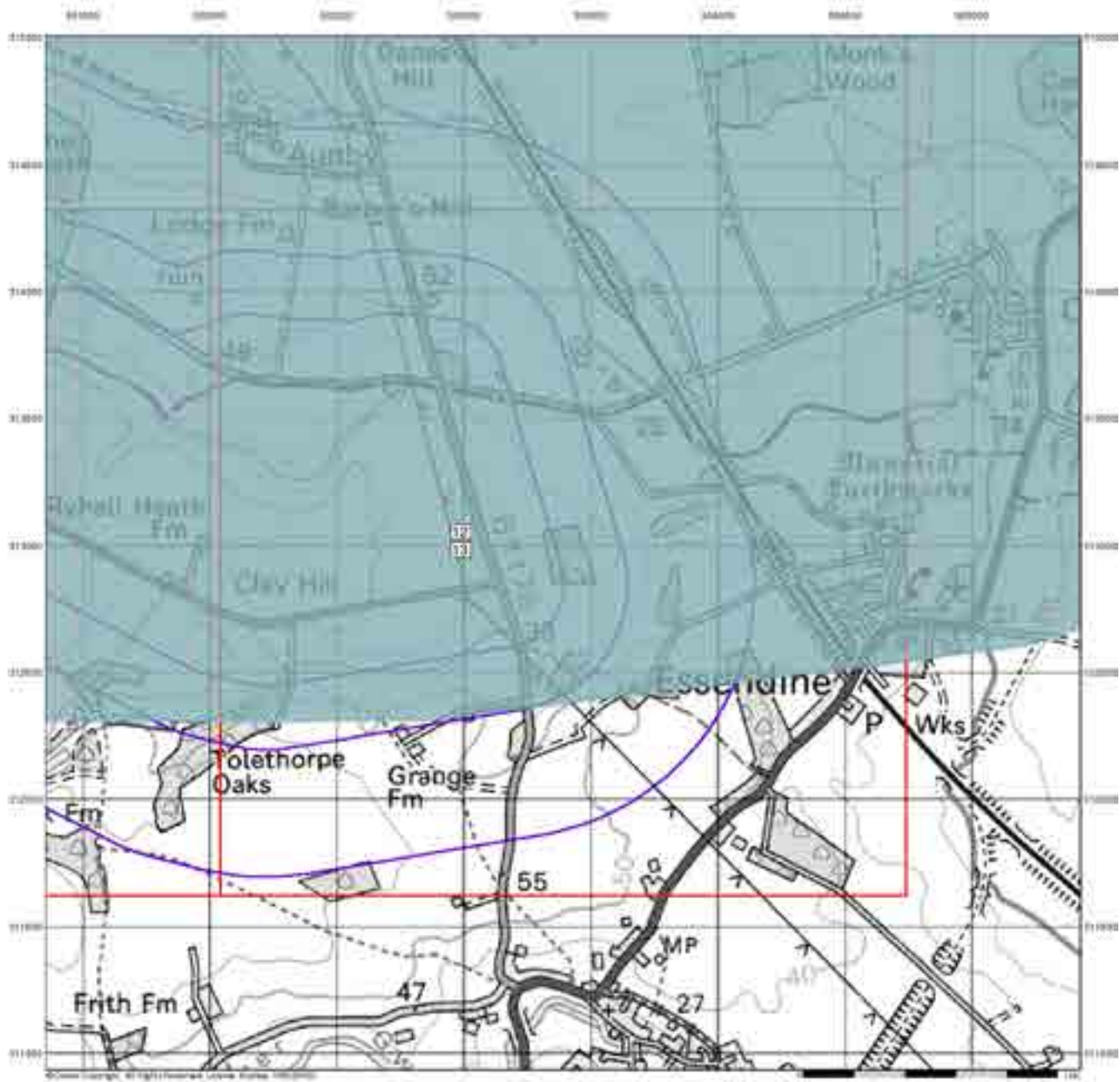
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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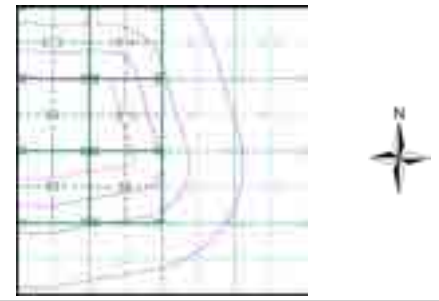
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Source Protection Zones

- General**
- Drilled Site
 - Mine
 - Surface Buffering
 - Existing Hydrologic Flow
 - M&I
- Agency and Hydrological**
- Interflow (Zone 1)
 - Zone 1a - subsurface activity only (Zone 1a)
 - Zone 2a (Zone 2)
 - Zone 2b - subsurface activity only (Zone 2b)
 - Total catchment (Zone 3)
 - Total catchment - subsurface activity only (Zone 3)
 - Special interest (Zone 4)

Site Sensitivity Context Map - Slice B



Order Details

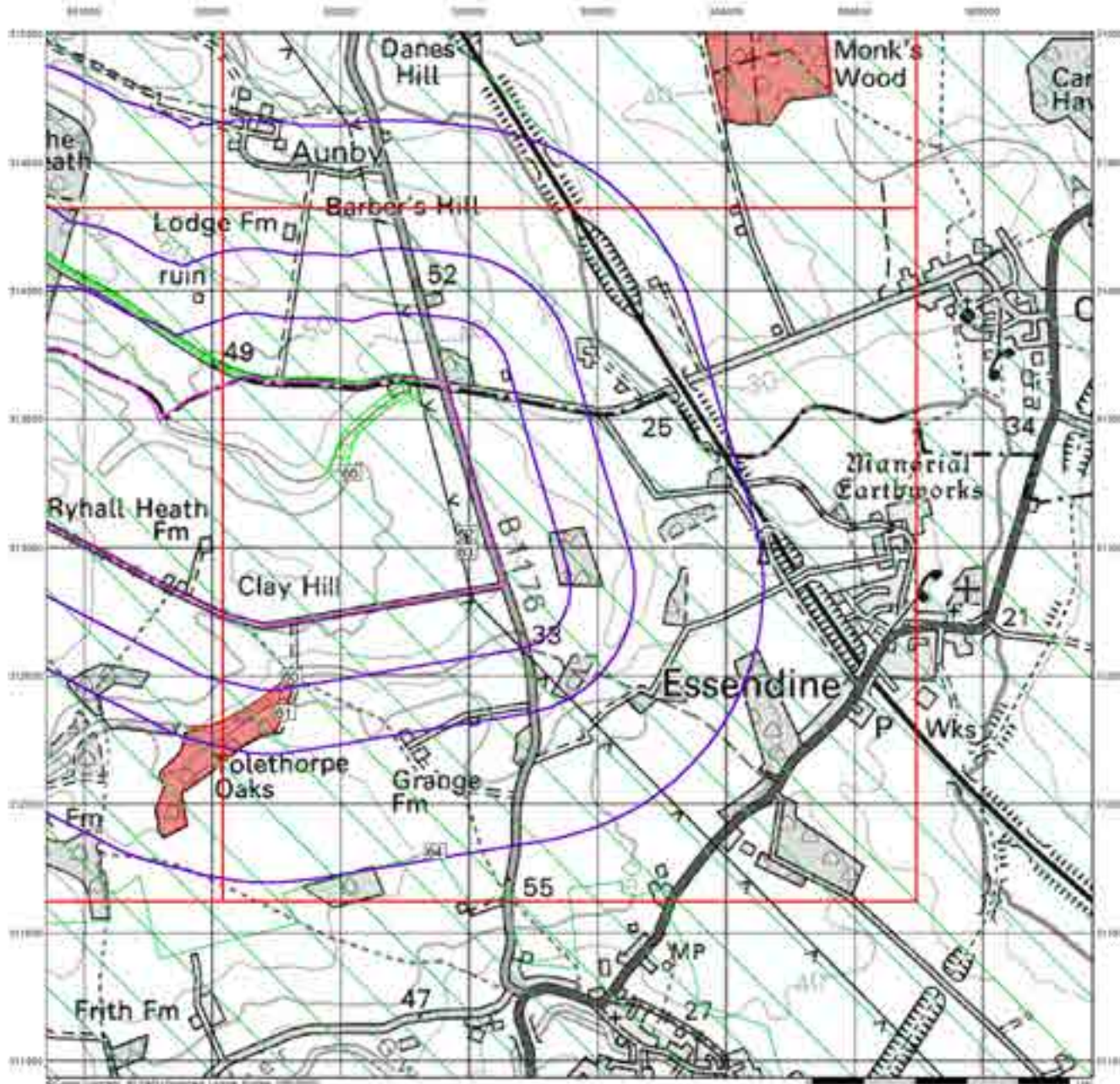
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Sensitive Land Uses

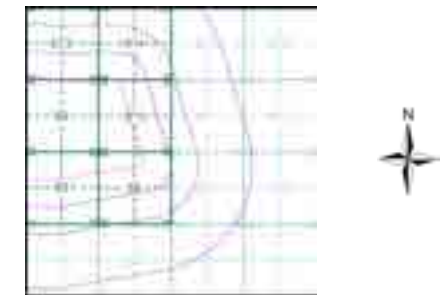
General

- Ancient Site
- Ancient Burial Site
- Drinking Water Source
- Air
- Noise

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Flood Plain
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- Nature Park
- Ancient Decision Area
- Nature Valuation Zone
- Nature Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Production Area
- World Heritage Site

Site Sensitivity Context Map - Slice B



Order Details

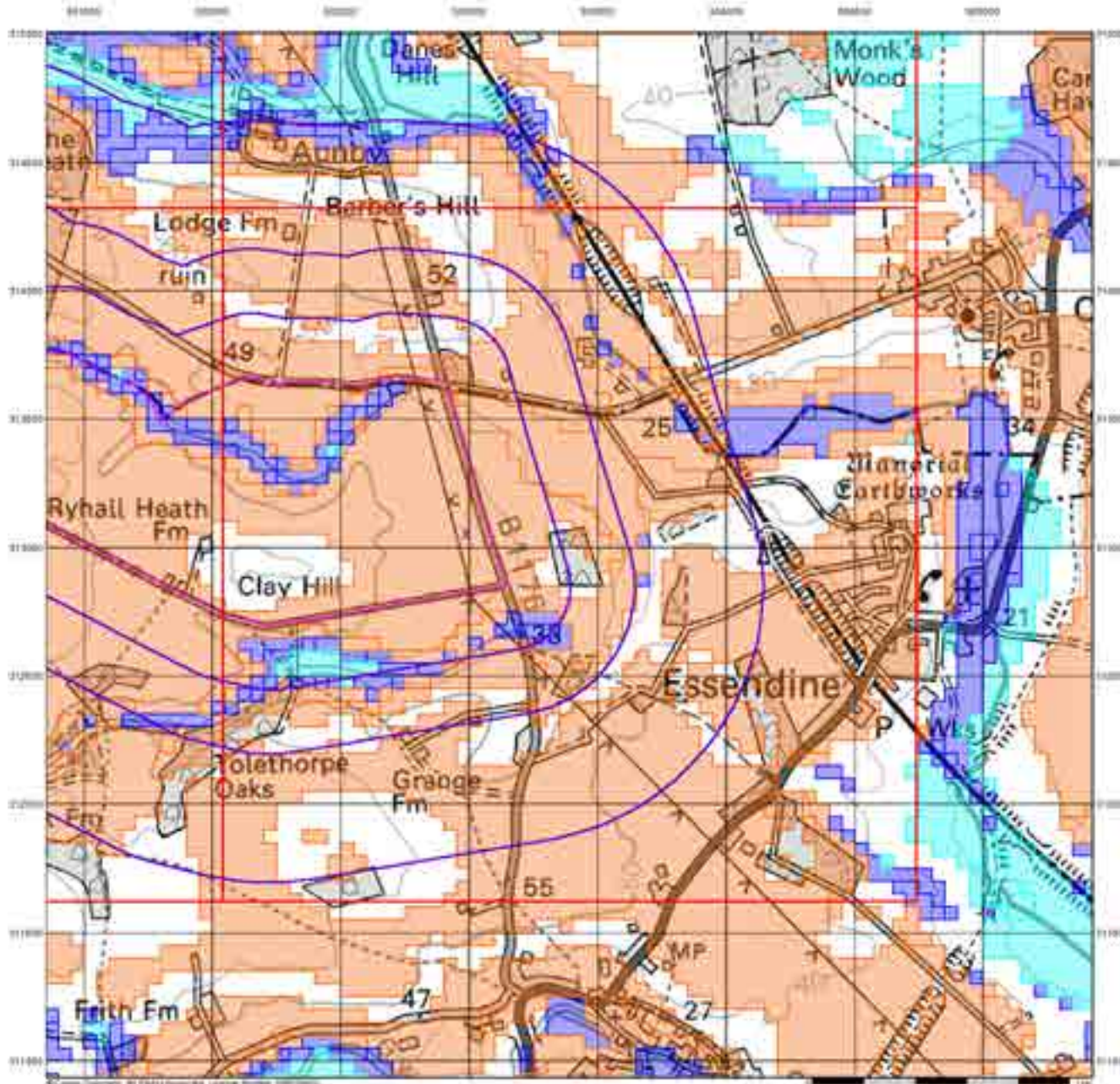
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Tel: 0844 844 9952
 Fax: 0844 844 9951
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BGS Flood GFS Data

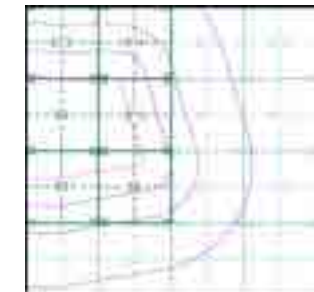
General

-  Boundary ID
-  Service Boundary
-  Boundary Reference Point
-  Well

Agency and Hydrological (Flood)

-  Limited Potential for Groundwater Flooding to Ground
-  Potential for Groundwater Flooding at Property Surface Below Ground Level
-  Potential for Groundwater Flooding to Cause or Buffer a

Site Sensitivity Context Map - Slice B



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Landmark
 INFORMATION GROUP

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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

293359405_1_1

Customer Reference:

4217 - Z1

National Grid Reference:

502990, 313050

Slice:

B

Site Area (Ha):

162.75

Search Buffer (m):

1000

Site Details:

Site at 502039,313310

Client Details:

Mr D Ballentyne
Arcus Consultancy Services
1C Swinegate Court East
3 Swinegate
York
YO1 8AJ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	20
Industrial Land Use	27
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Introduction

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

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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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 5				1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes	pg 6				1
Registered Radioactive Substances					
River Quality	pg 6				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6	6			10 (*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 11	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 14	6	n/a	n/a	n/a
Groundwater Vulnerability - Local Information		4	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 14	2			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 15	6	6	7	7

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 18		1		
Historical Landfill Sites	pg 18		1	1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 18	3	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 18		2	2	
Potentially Infilled Land (Non-Water)	pg 19		2		1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 23		2	1	3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 24	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 25	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 25		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 25		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 25	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 25	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 27	1		1	2
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 28		1	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 28	2			1
Ramsar Sites					
Sites of Special Scientific Interest	pg 28	1			
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	502000 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NW (W)	0	1	502100 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NW (W)	0	1	502250 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SW (W)	0	1	502350 313200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9SE (W)	0	1	502400 313200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	501700 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501750 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501400 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501450 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B10SW (SW)	0	1	502987 313055
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9SW (W)	0	1	502300 313200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	501600 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501650 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501750 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NE (NW)	0	1	502650 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NE (NW)	0	1	502600 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502650 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502700 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	501650 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5NE (SW)	0	1	502450 312700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501850 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	501900 313500

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	B9NE (NW)	0	1	502500 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502550 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502600 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502650 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B10NE (NE)	0	1	503250 313500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502450 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NE (NW)	0	1	502500 313350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	501850 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NW (NW)	0	1	502200 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NE (NW)	0	1	502450 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502500 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502550 313400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9SW (W)	0	1	502200 313250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SW (W)	0	1	502250 313250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SE (W)	0	1	502450 313250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	501450 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501550 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B10SE (NE)	0	1	503200 313250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	501600 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	501500 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	501550 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SW (W)	0	1	502250 313300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SW (W)	0	1	502300 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9SE (NW)	0	1	502400 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SE (NW)	0	1	502500 313300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	502000 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NW (NW)	0	1	502050 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NW (NW)	0	1	502150 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502500 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (NW)	0	1	502550 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NE (NW)	0	1	502600 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NW (NW)	0	1	502100 313450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	5	1	501500 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	6	1	501600 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	11	1	501850 313550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	11	1	501800 313600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	18	1	501750 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	29	1	501700 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5NW (SW)	46	1	502350 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5NE (SW)	66	1	502400 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5NE (SW)	74	1	502500 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6NW (S)	83	1	503050 312750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5NE (SW)	89	1	502650 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	96	1	502300 312600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (SE)	99	1	503150 312750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B5SE (SW)	108	1	502650 312550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SW (SW)	109	1	502150 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	139	1	502600 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SW (SW)	147	1	502200 312550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	156	1	502700 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (SE)	160	1	503200 312700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NW (S)	173	1	503000 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SW (S)	174	1	502900 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B14SW (N)	187	1	502987 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	197	1	502200 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	199	1	502600 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	206	1	502350 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SW (S)	207	1	502950 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SW (SW)	207	1	502150 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	214	1	502400 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SW (S)	214	1	502800 312550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	222	1	502450 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SW (S)	223	1	503000 312600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6NE (SE)	226	1	503250 312650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	230	1	502500 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SW (S)	240	1	502900 312550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	255	1	502150 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SW (S)	256	1	502950 312550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	263	1	502600 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SW (SW)	267	1	502100 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B6SW (SW)	272	1	502750 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SW (S)	281	1	502850 312500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SE (SW)	304	1	502650 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	313	1	502700 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	315	1	502100 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SW (S)	322	1	502850 312450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B5SW (SW)	327	1	502050 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	339	1	502000 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B5SE (SW)	353	1	502650 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	387	1	502000 312350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B6SW (S)	404	1	502987 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	458	1	501700 312400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	461	1	501900 312300
1	Discharge Consents Operator: Dr J W Blundell Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Farmhouse At Aunby Lodge Farm Aunby, Stamford, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3200 Permit Version: 1 Effective Date: 7th March 1974 Issued Date: 7th March 1974 Revocation Date: 5th August 1997 Discharge Type: Unknown Discharge: Onto Land Environment: Land Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	B13NW (NW)	647	2	502330 314290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	B9NE (NW)	0	-	502458 313323
2	Prosecutions Relating to Authorised Processes Location: Glebe Farm, Carby, Stamford Prosecution Text: Storing skips without an environmental permit Prosecution Act: Epr 07 R12 & 38(1)(A) Hearing Date: 1st December 2009 Verdict: Guilty Fine: 500 Costs: 250 Positional Accuracy: Manually positioned within the geographical locality	B15NE (NE)	973	2	503796 314040
	River Quality Name: West Glen GQA Grade: River Quality B Reach: Little Bytham...East Glen Estimated Distance (km): 17 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	B15SW (NE)	575	2	503581 313648
3	Water Abstractions Operator: W J Williams Licence Number: 5/31/11/*G/0075 Permit Version: 100 Location: Borehole B At Ryhall Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	0	2	502120 312970
3	Water Abstractions Operator: W J Williams Licence Number: 5/31/11/*G/0075 Permit Version: 100 Location: Borehole B At Ryhall Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	0	2	502120 312970
3	Water Abstractions Operator: W J Williams Licence Number: 5/31/11/*g/075 Permit Version: Not Supplied Location: Borehole B, RYH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): Not Supplied Details: Northampton Sanstone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (W)	0	2	502120 312970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Water Abstractions</p> <p>Operator: W J Williams Licence Number: 5/31/11/*g/075 Permit Version: Not Supplied Location: Spring Fed Reservoir Point C Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): Not Supplied Details: Northampton Sanstone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B5NW (W)	0	2	502125 312965
4	<p>Water Abstractions</p> <p>Operator: A E Genever & Sons Licence Number: 5/31/11/*G/0064 Permit Version: 100 Location: Well At Vale Farm, Aunby Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Northampton Sanstone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	B9SW (W)	0	2	502350 313275
4	<p>Water Abstractions</p> <p>Operator: A E Genever & Sons Licence Number: 5/31/11/*g/064 Permit Version: Not Supplied Location: Well At Vale Farm, CAREBY AUNBY Authority: Environment Agency, Anglian Region Abstraction: Domestic & Agriculture Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 2730 Details: Northampton Sanstone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	B9SW (W)	0	2	502350 313280
5	<p>Water Abstractions</p> <p>Operator: J W Blundell Licence Number: 5/31/11/*G/0032 Permit Version: 100 Location: Borehole Aunby Lodge Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	B13NW (NW)	555	2	502300 314200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Water Abstractions</p> <p>Operator: R & K Griffin Licence Number: 5/31/11/*G/0032 Permit Version: 101 Location: Borehole - Aunby Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B13NW (NW)	566	2	502310 314210
6	<p>Water Abstractions</p> <p>Operator: Mr H J Almond Licence Number: 5/31/11/*s/042 Permit Version: Not Supplied Location: River Glen , CARLBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 454600 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B11NW (NE)	724	2	503700 313500
7	<p>Water Abstractions</p> <p>Operator: P J Almond Licence Number: 5/31/11/*S/0042 Permit Version: 100 Location: R Glen At Carlby Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 June Authorised End: 31 August Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B14NE (N)	737	2	503380 314210
8	<p>Water Abstractions</p> <p>Operator: A.W. Parkinson Licence Number: 5/31/11/*s/026 Permit Version: Not Supplied Location: River Glen At, CARLBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 741000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B14NE (N)	764	2	503300 314300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Water Abstractions</p> <p>Operator: A.W. Parkinson Licence Number: 5/31/11/*s/027 Permit Version: Not Supplied Location: River Glen At, ESSENDINE Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 741000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B11NE (NE)	847	2	503800 313600
10	<p>Water Abstractions</p> <p>Operator: K.B. Healey Licence Number: 5/31/11/*g/055a Permit Version: Not Supplied Location: Glebe Farm, CARLBY Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 680 Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B15NE (NE)	959	2	503800 313995
10	<p>Water Abstractions</p> <p>Operator: K B Healey Licence Number: 5/31/11/*g/055 Permit Version: Not Supplied Location: Glebe Farm, CARLBY Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 1000 Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B15NE (NE)	961	2	503800 314000
11	<p>Water Abstractions</p> <p>Operator: A.W. Parkinson Licence Number: 5/31/11/*s/027 Permit Version: Not Supplied Location: River Glen At, ESSENDINE Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 741000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B11NE (E)	980	2	504000 313395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Water Abstractions</p> <p>Operator: H E Parkinson Licence Number: 5/31/11/*S/0023 Permit Version: 100 Location: R Glen At Essendine, N. Lodge Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B11NE (E)	982	2	504000 313400
	<p>Water Abstractions</p> <p>Operator: D R W Pope Licence Number: 5/31/12/*G/0037 Permit Version: 100 Location: Catchpit At Carlby Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Miscellaneous Jurassic; Status: Perpetuity Authorised Start: 01 November Authorised End: 30 April Permit Start Date: 1st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B15NE (NE)	1303	2	504050 314270
	<p>Water Abstractions</p> <p>Operator: Allis-Chalmers Great Britain Licence Number: 5/31/11/*g/050 Permit Version: Not Supplied Location: Bore At Essindine, STAMFORD Authority: Environment Agency, Anglian Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 50000 Details: South Lincolnshire Limestone; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B8SE (E)	1500	2	504610 312540
	<p>Water Abstractions</p> <p>Operator: B Achurch & Co Licence Number: 5/31/10/*S/0003 Permit Version: 100 Location: R Gwash At Ryhall Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 1st June 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1598	2	502300 311100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: R. A. & R. A. Spencer Licence Number: 5/31/12/*g/007 Permit Version: Not Supplied Location: Bore At, CARLBY Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 9090 Details: South Lincolnshire Limestone; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	B16NE (NE)	1861	2	504690 314180
	<p>Water Abstractions</p> <p>Operator: Mr H E Parkinson Licence Number: 5/31/11/*s/023 Permit Version: Not Supplied Location: River Glen, Broadholme Farm Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 4 Yearly Rate (m3): 750000 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1865	2	505001 312696
	<p>Water Abstractions</p> <p>Operator: A Monk & Co Plc Licence Number: 5/31/10/*s/060 Permit Version: Not Supplied Location: River Gwash At, RYHALL Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 800000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1932	2	503700 311000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(W)	0	3	502000 313055

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	B9SE (W)	0	3	502478 313000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	(W)	0	3	502000 312823
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	B10SW (S)	0	3	502987 313000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	B10SW (S)	0	3	503000 313000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	(W)	0	3	502000 313000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	B5NE (SW)	0	3	502600 312892
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	(W)	0	3	502000 313082
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: <3m</p> <p>Superficial Recharge: No Data</p>	B10SW (SW)	0	3	502987 313055

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	B10SW (E)	0	3	503000 313055
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(W)	0	3	502000 313000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	B10SW (S)	0	3	502987 313000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	B10SW (S)	0	3	503000 313000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(W)	0	3	502000 313055
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	B10SW (SW)	0	3	502987 313055
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	B10SW (E)	0	3	503000 313055
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	B5NE (SW)	0	3	502600 312892
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	B10SW (SW)	0	3	502987 313055
	Superficial Aquifer Designations No Data Available				
12	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	B10SW (SW)	0	2	502987 313055
13	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.	B10SW (SW)	0	2	502987 313055
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 355.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B9NE (NW)	0	4	502458 313323
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B9NW (W)	0	4	502087 313400
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B9NE (NW)	0	4	502678 313590
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B9NW (W)	0	4	502084 313401
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B9NE (NW)	0	4	502458 313323
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B9SW (W)	0	4	502295 313274
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 559.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B6NE (S)	169	4	503109 312670
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B5SE (SW)	169	4	502547 312524
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 470.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B5SW (SW)	175	4	502306 312532

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B6NE (SE)	180	4	503200 312678
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B5SE (SW)	222	4	502679 312514
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 354.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B14SE (N)	231	4	503135 313689
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B5SE (SW)	255	4	502689 312514
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B7SW (SE)	379	4	503406 312577
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B7NW (SE)	447	4	503544 312648
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 866.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B7SW (SE)	453	4	503496 312567
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B6SW (S)	474	4	502994 312344
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B7NW (SE)	481	4	503614 312756

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B7NW (E)	481	4	503652 312885
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B2NW (S)	559	4	502889 312241
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B2NW (S)	562	4	502885 312237
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2169.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: West Glen River Catchment Name: Welland Primacy: 1	B15SW (NE)	585	4	503502 313770
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 855.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B1NE (S)	741	4	502621 312009
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 518.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 1	B11SE (E)	860	4	503925 313229
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.6 Watercourse Level: Underground Permanent: True Watercourse Name: West Glen River Catchment Name: Welland Primacy: 1	B11NE (E)	946	4	503967 313386
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1037.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: West Glen River Catchment Name: Welland Primacy: 1	B11NE (E)	984	4	504009 313379

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	BGS Recorded Landfill Sites Site Name: Caseby Rd Location: Caseby, STAMFORD, Lincs Authority: British Geological Survey, National Geoscience Information Service Ground Water: Threat to ground water Surface Water: No threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	B10NE (N)	228	-	503152 313618
41	Historical Landfill Sites Licence Holder: Not Supplied Location: Carlby, Lincolnshire Name: Careby Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL00283 First Input Date: 31st December 1946 Last Input Date: 31st December 1972 Specified Waste Type: Deposited Waste included Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 217 Other Ref: RD6-11-01/89, SK-11-01/89, 2500/5084	B10NE (N)	228	2	503151 313617
42	Historical Landfill Sites Licence Holder: Not Supplied Location: Pickworth Road, Carlby Name: Careby Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL00284 First Input Date: 31st December 1965 Last Input Date: 31st December 1975 Specified Waste Type: Deposited Waste included Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD6-12-01/89, SK-12-01/89, 2500/5085	B10NE (NE)	297	2	503227 313605
	Local Authority Landfill Coverage Name: South Kesteven District Council - Has supplied landfill data		0	6	503079 313615
	Local Authority Landfill Coverage Name: Rutland Unitary Council - Has supplied landfill data		0	5	502987 313055
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	503079 313615
43	Local Authority Recorded Landfill Sites Location: Careby Rd, Carlby Reference: 11 Authority: South Kesteven District Council, Environmental Health Last Reported Status: Closed Types of Waste: Domestic, Trade Date of Closure: Post 1972 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	B10NE (N)	225	6	503149 313618
44	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: Not Supplied Authority: Rutland Unitary Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	B10NE (N)	226	5	503150 313615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Not Supplied Reference: Not Supplied Authority: Rutland Unitary Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good</p>	B10NE (NE)	296	5	503226 313603
46	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Pickworth Rd, Carlby Reference: 12 Authority: South Kesteven District Council, Environmental Health Last Reported Status: Closed Types of Waste: Domestic Date of Closure: 1975 Positional Accuracy: Positioned by the supplier Boundary Quality: Good</p>	B10NE (NE)	299	6	503229 313606
47	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983</p>	B13SW (NW)	182	-	502153 313846
48	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983</p>	B10NE (N)	229	-	503154 313616
49	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983</p>	B11NE (NE)	871	-	503836 313558

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	B10SW (SW)	0	1	502987 313055
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B5NE (SW)	0	1	502600 312892
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B10SW (SW)	0	1	502987 313055
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B14SW (N)	90	1	502891 313750
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B6NE (SE)	109	1	503252 312925
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B5SW (SW)	169	1	502239 312493
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	B14SW (N)	198	1	502976 313872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B10NE (NE)	288	1	503292 313364
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	B6SW (S)	336	1	502963 312471
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	B11SW (E)	396	1	503542 312989
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	B11SW (E)	418	1	503613 313000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B6SW (S)	423	1	502987 312393
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	B11SW (E)	453	1	503497 312342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B11SW (E)	477	1	503548 313153
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B15SW (NE)	526	1	503493 313715
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	B14SE (NE)	536	1	503373 313918
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B15SW (NE)	625	1	503634 313716
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	B11NW (NE)	774	1	503713 313639
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B7SE (SE)	780	1	503855 312533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B1SE (SW)	805	1	502427 311904
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B15SE (NE)	810	1	503826 313800
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B1SE (S)	880	1	502542 311846
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	B15NE (NE)	950	1	503755 314073
50	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Aunby Quarry</p> <p>Location: Pickworth, Stamford, Lincolnshire</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 244656</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Jurassic</p> <p>Geology: Upper Lincolnshire Limestone Member</p> <p>Commodity: Limestone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	B13SW (NW)	196	1	502177 313857
51	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Carlby</p> <p>Location: Carlby, Stamford, Lincolnshire</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 136294</p> <p>Type: Opencast</p> <p>Status: Ceased</p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Jurassic</p> <p>Geology: Upper Lincolnshire Limestone Member</p> <p>Commodity: Limestone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>	B10NE (N)	239	1	503155 313646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	BGS Recorded Mineral Sites Site Name: Carlby Location: Carlby, Stamford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136293 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B10NE (NE)	335	1	503258 313634
53	BGS Recorded Mineral Sites Site Name: Carlby Gravel Pit Location: Carlby, Stamford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136292 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	B11NW (NE)	731	1	503675 313614
54	BGS Recorded Mineral Sites Site Name: Carlby Gravel Pit Location: Carlby, Stamford, Lincolnshire Source: British Geological Survey, National Geoscience Information Service Reference: 136291 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	B11NE (NE)	873	1	503839 313557
55	BGS Recorded Mineral Sites Site Name: Essendine Location: Essendine, Oakham, Rutland Source: British Geological Survey, National Geoscience Information Service Reference: 46764 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Upper Lincolnshire Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B11SE (E)	909	1	503963 313272
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B5NE (SW)	0	1	502628 312898

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (NW)	0	1	502521 313299
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B5NE (W)	0	1	502406 312911
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B5NE (SW)	0	1	502600 312892
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B6NE (S)	15	1	503067 312693
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B14SW (N)	68	1	502925 313730
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B14SW (N)	90	1	502891 313750
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B6NE (SE)	109	1	503252 312925
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B14SW (N)	150	1	502838 313813
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B14SW (N)	198	1	502976 313872
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B5NW (W)	0	1	502362 312873
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B10SE (E)	209	1	503326 313033
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B5SW (SW)	235	1	502149 312465
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B5SW (SW)	169	1	502239 312493
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B5SW (SW)	169	1	502239 312493
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B9SE (W)	0	1	502425 312976
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B10SW (SW)	0	1	502987 313055

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	B9SE (W)	0	1	502425 312976

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: PE9 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p>	B5NW (W)	0	8	502110 312962
57	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Quarry (Disused) Location: PE9 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location</p>	B10NE (NE)	339	8	503262 313634
58	<p>Points of Interest - Manufacturing and Production</p> <p>Name: P J Almond & Son Location: Heath Farm, Carby, Stamford, PE9 4NE Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location</p>	B15SW (NE)	669	8	503599 313655
59	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Sheep Dip Location: PE9 Category: Farming Class Code: Sheep Dips and Washes Positional Accuracy: Positioned to an adjacent address or location</p>	B2NW (S)	677	8	502884 312120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Ancient Woodland Name: Tolethorpe Oaks Reference: 1115398 Area(m ²): 7942.1 Type: Plantation on Ancient Woodland	B5SW (SW)	209	9	502307 312496
61	Ancient Woodland Name: Tolethorpe Oaks Reference: 1115398 Area(m ²): 84770.79 Type: Ancient and Semi-Natural Woodland	B5SW (SW)	275	9	502280 312356
62	Nitrate Vulnerable Zones Name: Glen Nvz Description: Surface Water Source: Environment Agency, Head Office	B10SW (SW)	0	3	502987 313055
63	Nitrate Vulnerable Zones Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	B10SW (SW)	0	3	502987 313055
64	Nitrate Vulnerable Zones Name: River Welland Nvz Description: Surface Water Source: Environment Agency, Head Office	B2SW (S)	977	3	502868 311814
65	Sites of Special Scientific Interest Name: Ryhall Pasture And Little Warren Verges Multiple Areas: N Total Area (m2): 62420.36 Source: Natural England Reference: 1004094 Designation Details: Site Of Special Scientific Interest Designation Date: 1st December 1983 Date Type: Notified	B9SE (NW)	0	9	502537 313289

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Kesteven District Council - Environmental Health Environment Agency - Head Office Rutland Unitary Council - Environmental Health Department	April 2015 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	January 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Variable Variable
Local Authority Pollution Prevention and Controls South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	February 2022	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Water Abstractions Environment Agency - Anglian Region	January 2022	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	January 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Local Authority Landfill Coverage Lincolnshire County Council Rutland Unitary Council - Environmental Health Department South Kesteven District Council - Environmental Health	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council Rutland Unitary Council - Environmental Health Department South Kesteven District Council - Environmental Health	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department Rutland Unitary Council - Planning Support South Kesteven District Council	August 2010 February 2016 February 2016	Variable Variable Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department Rutland Unitary Council - Planning Support South Kesteven District Council	August 2007 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2022	Quarterly
Points of Interest - Education and Health PointX	March 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2022	Quarterly
Points of Interest - Public Infrastructure PointX	March 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Rutland Unitary Council - Planning Support South Kesteven District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Rutland Unitary Council - Planning Support South Kesteven District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report






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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Rutland Unitary Council - Environmental Health Department Catmose, Rutland, Oakham, Leicestershire, LE15 6HP	Telephone: 01572 722577 Fax: 01572 758307 Website: www.rutland.gov.uk
6	South Kesteven District Council - Environmental Health Council Offices, St Peters Hill, Grantham, Lincolnshire, NG31 6PZ	Website: www.southkesteven.gov.uk
7	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk









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

Geology 1:50,000 Maps Legends

Superficial Geology

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

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BWL	Blisworth Limestone Formation	Limestone	Not Supplied - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Not Supplied - Bathonian
	CB	Combrash Formation	Limestone	Not Supplied - Bathonian
	RLD	Rutland Formation	Argillaceous Rocks with Subordinate Sandstone and Limestone	Not Supplied - Bajocian
	LLL	Lower Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	ULL	Upper Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Not Supplied - Aalenian
		Faults		

Geology 1:50,000 Maps

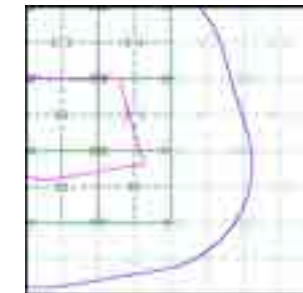
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	157
Map Name:	Stamford
Map Date:	1978
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice B

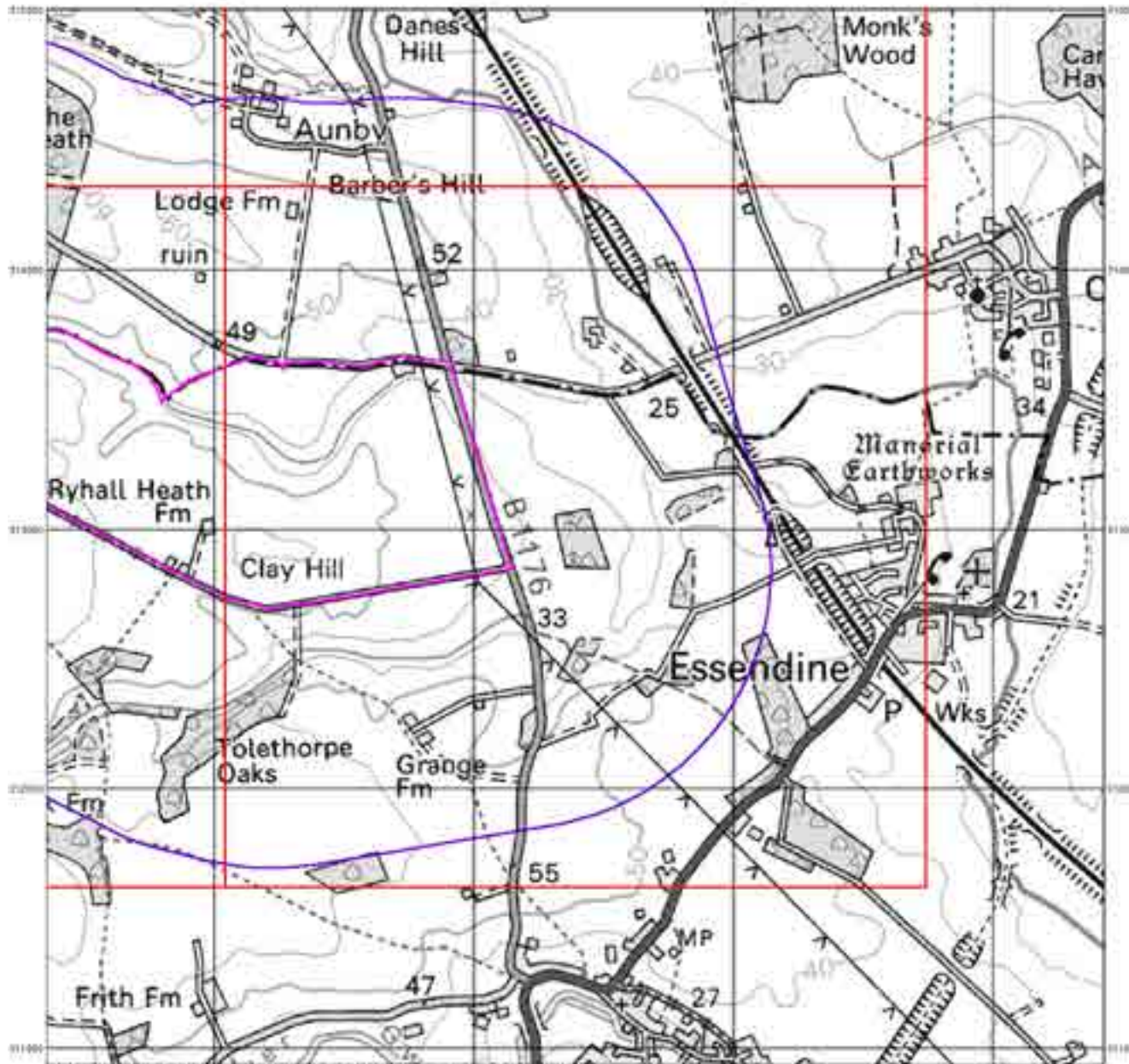


Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	502990, 313050
Slice:	B
Site Area (Ha):	162.75
Search Buffer (m):	1000

Site Details:

Site at 502039,313310



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Artificial Ground and Landslip

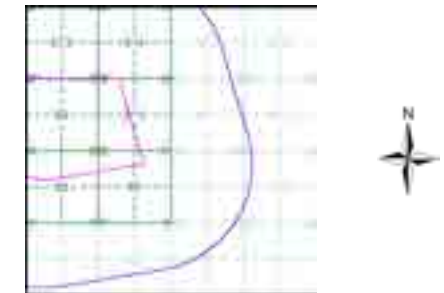
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice B



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Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	502990, 313050
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Tel: 0844 844 9952
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Superficial Geology

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

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

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

Superficial Geology Map - Slice B



Order Details:

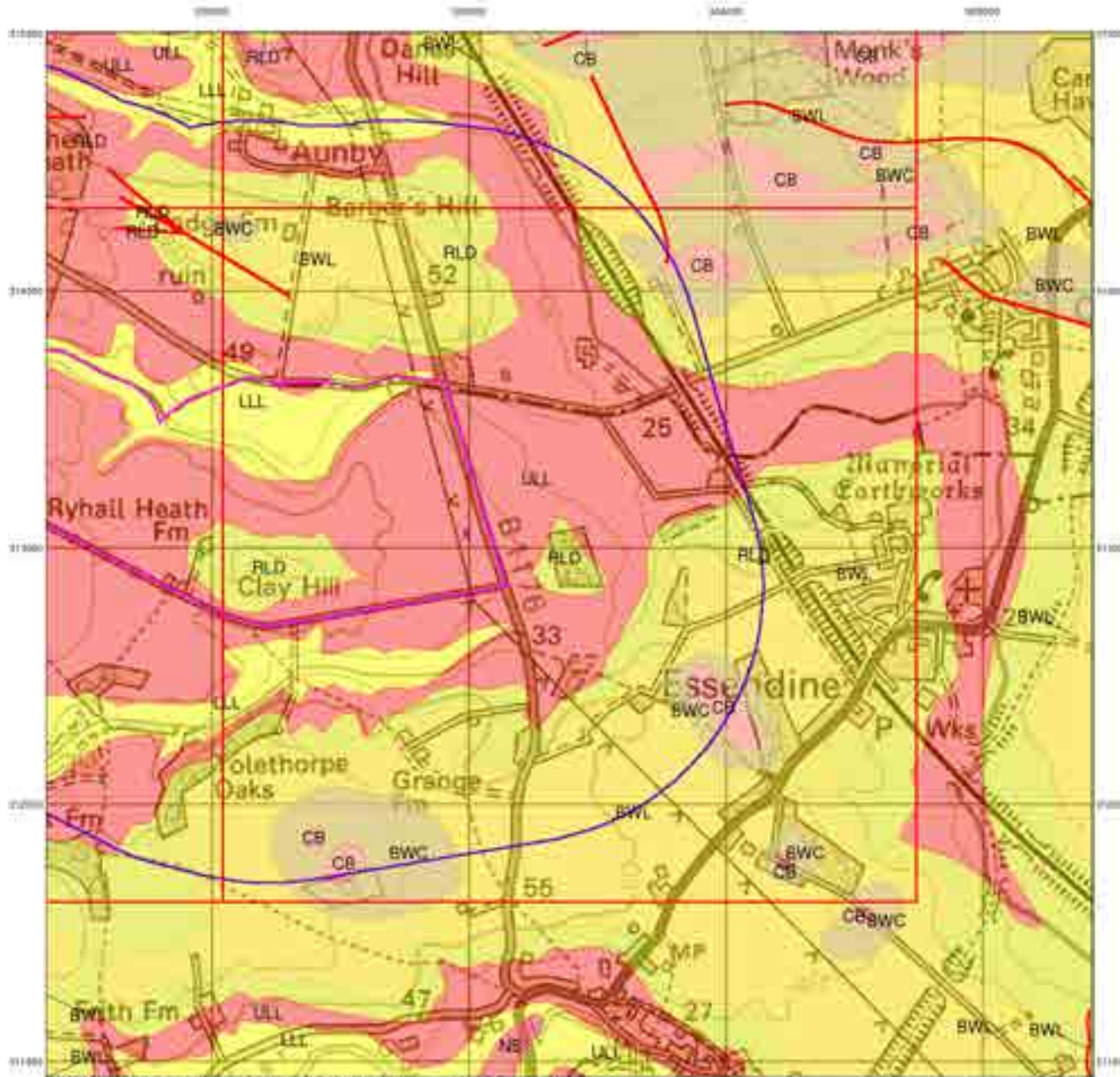
Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	502990, 313050
Slice:	B
Site Area (Ha):	162.75
Search Buffer (m):	1000

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Bedrock and Faults

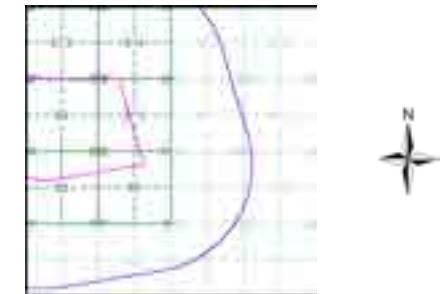
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice B



Order Details:

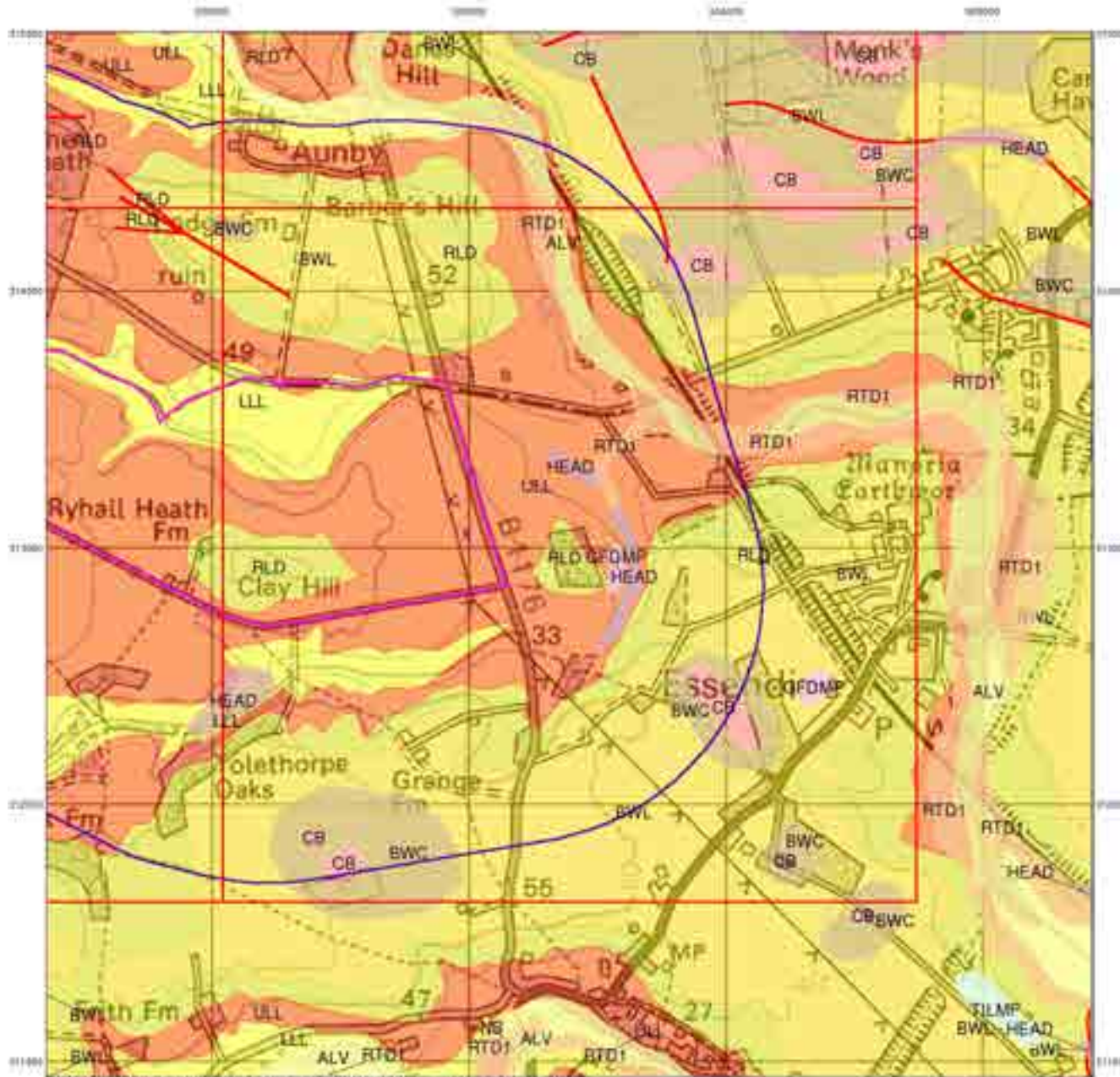
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 Customer Reference: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

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Combined Surface Geology

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

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

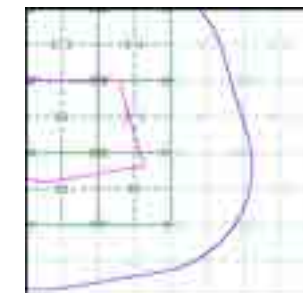
Additional Information

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

Contact

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

Combined Geology Map - Slice B



Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	502990, 313050
Slice:	B
Site Area (Ha):	162.75
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Site at 502039,313310

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

- Gravel Pit
- Sand Pit
- Other Pits
- Quarry
- Shingle
- Orchard
- Osiers
- Reeds
- Marsh
- Mixed Wood
- Deciduous
- Brushwood
- Fir
- Furze
- Rough Pasture
- Arrow denotes flow of water
- Trigonometrical Station
- Site of Antiquities
- Bench Mark
- Pump, Guide Post, Signal Post
- Well, Spring, Boundary Post
- 285** Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads
- 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 Burgh 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
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- 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
Shown only when not coincident with other boundaries
- Civil Parish
Shown alternately when coincidence of boundaries occurs
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

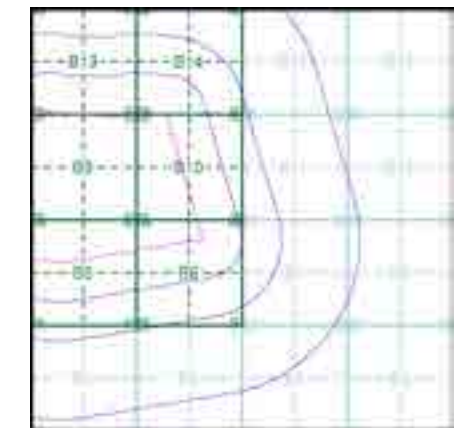
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:10,560	1884 - 1885	2
Rutland	1:10,560	1887	3
Rutland	1:10,560	1905	4
Lincolnshire	1:10,560	1905	5
Lincolnshire	1:10,560	1952 - 1953	6
Rutland	1:10,560	1952	7
Ordnance Survey Plan	1:10,000	1959	8
Ordnance Survey Plan	1:10,000	1983	9
10K Raster Mapping	1:10,000	2000	10
10K Raster Mapping	1:10,000	2006	11
VectorMap Local	1:10,000	2021	12

Historical Map - Slice B



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Rutland

Published 1884 - 1885

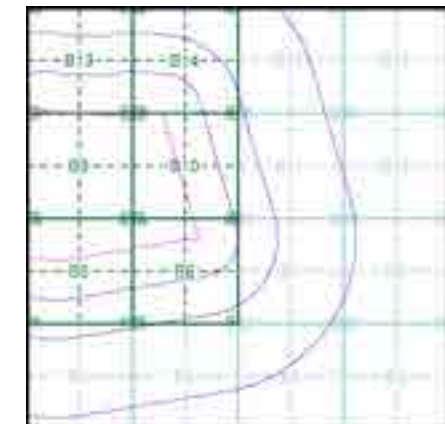
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

006NE 1884 1:10,560	007NW 1885 1:10,560
006SE 1884 1:10,560	007SW 1885 1:10,560

Historical Map - Slice B

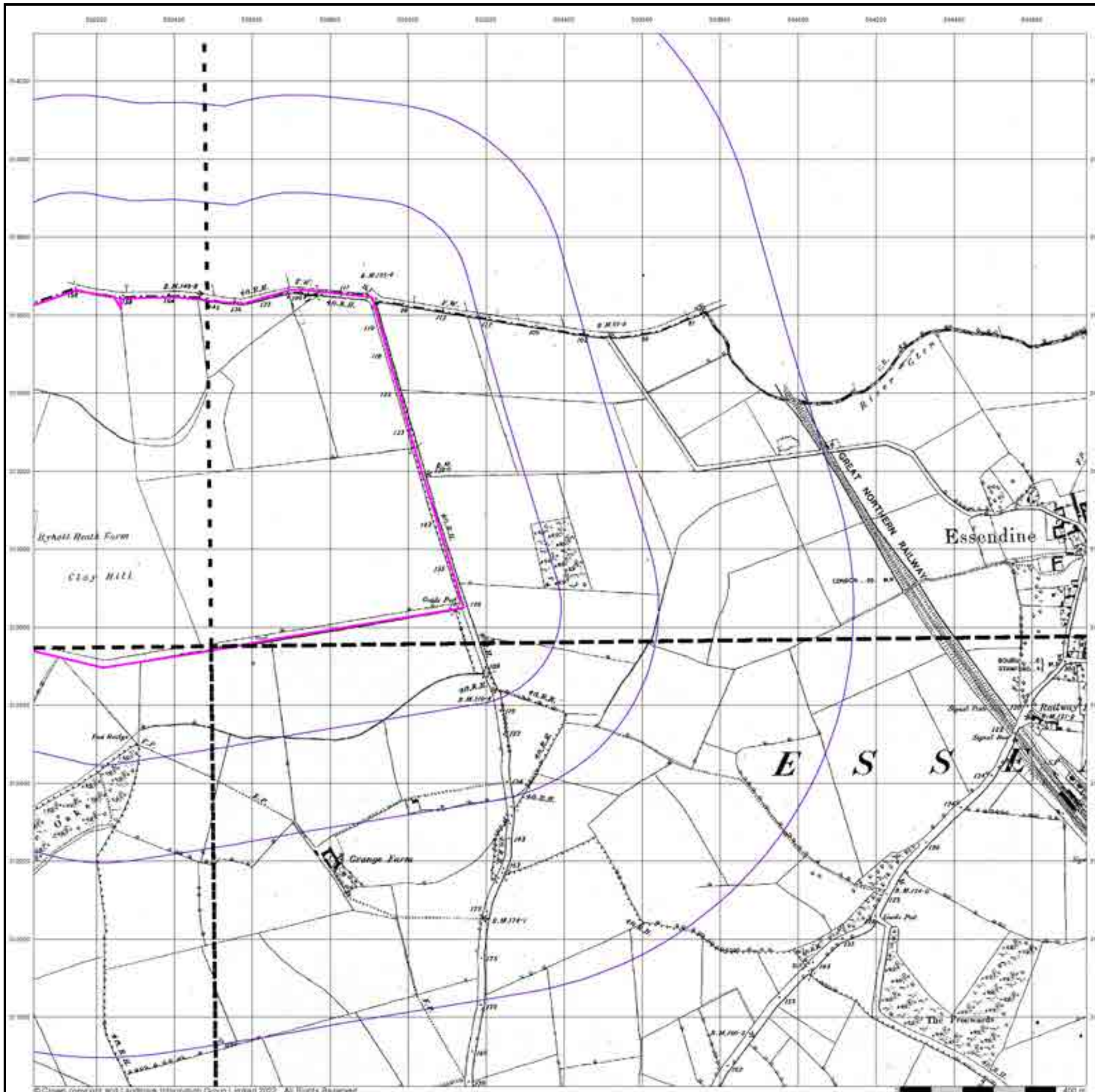


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Rutland

Published 1887

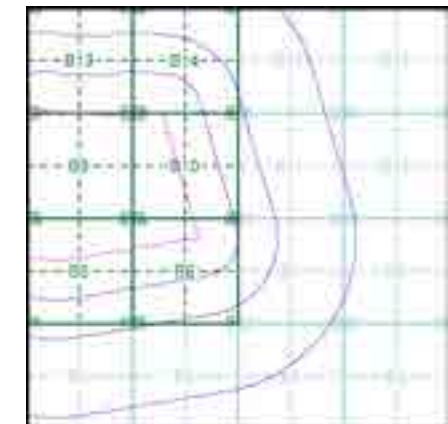
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

006NE 1887 1:10,560	007NW 1887 1:10,560
	007SW 1887 1:10,560

Historical Map - Slice B

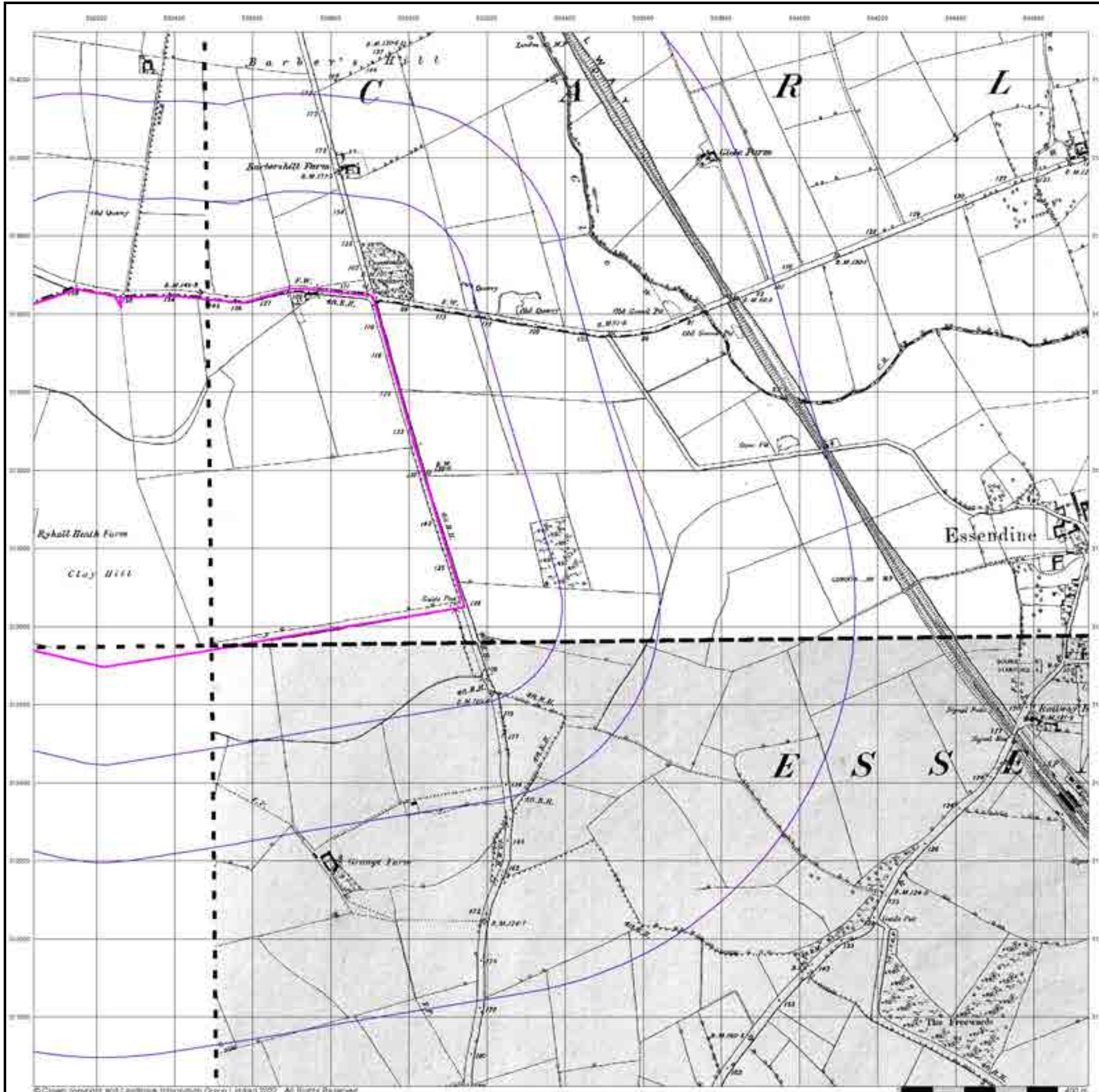


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



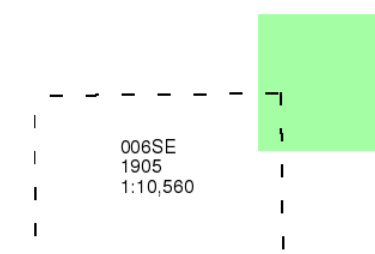
Rutland

Published 1905

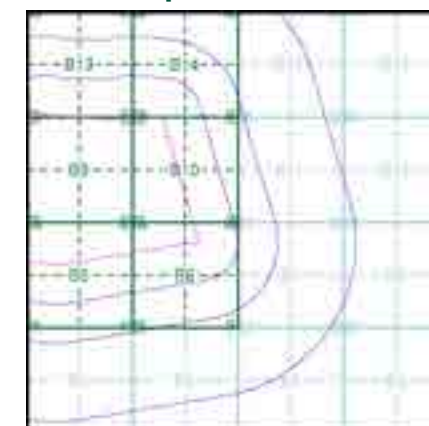
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B

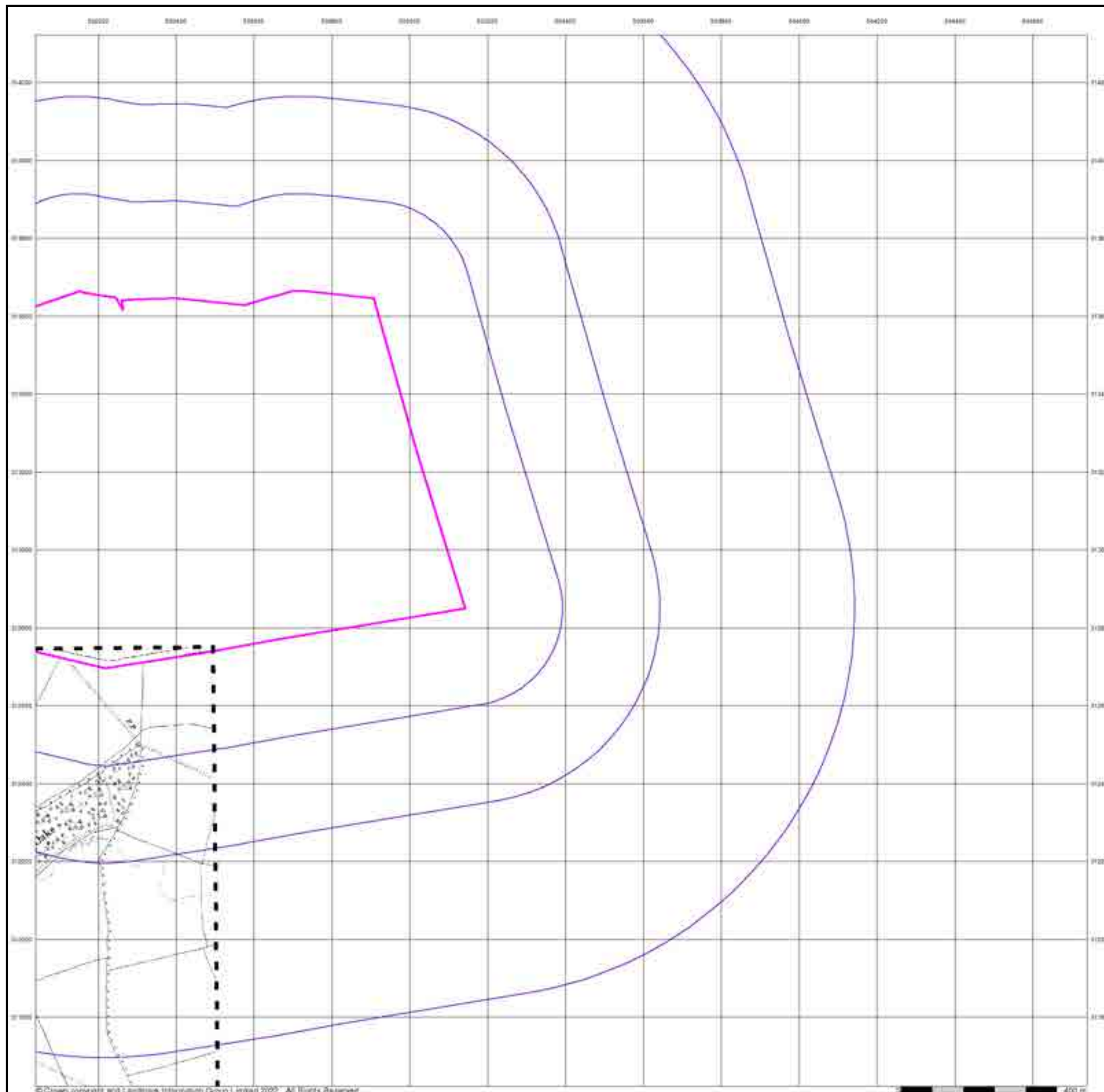


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



Lincolnshire

Published 1905

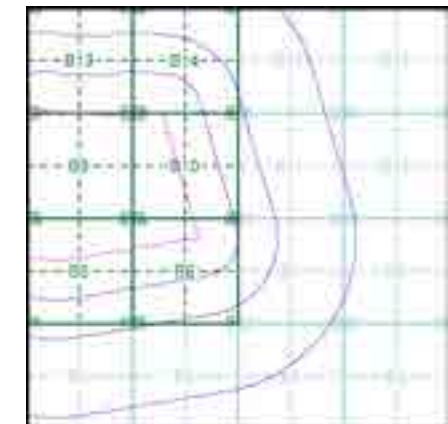
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

145NE 1905 1:10,560	146NW 1905 1:10,560
	146SW 1905 1:10,560

Historical Map - Slice B

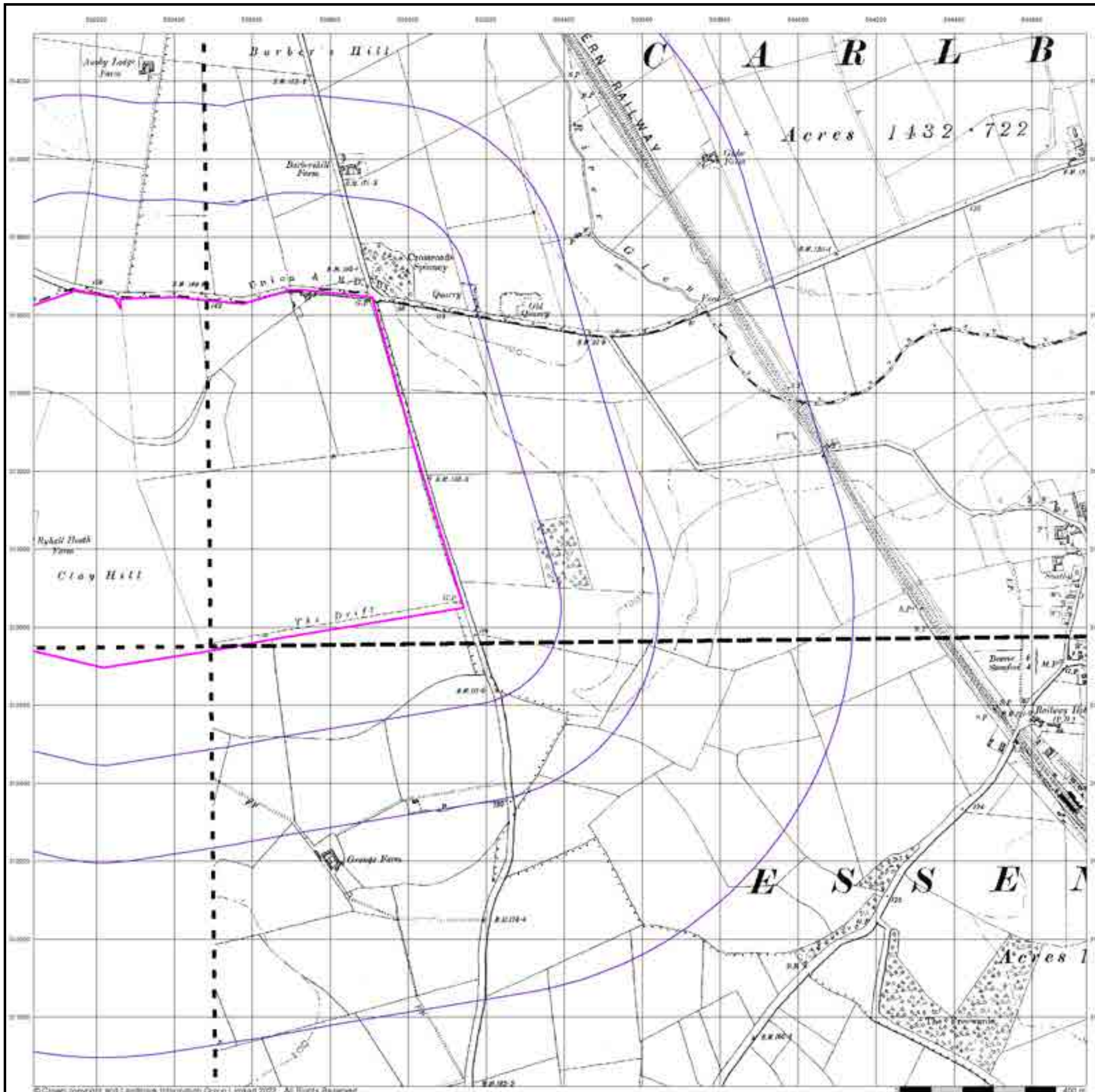


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



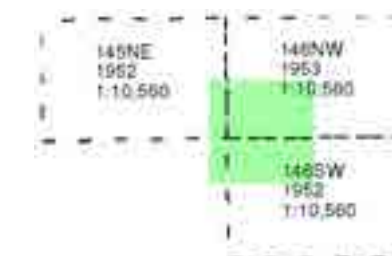
Lincolnshire

Published 1952 - 1953

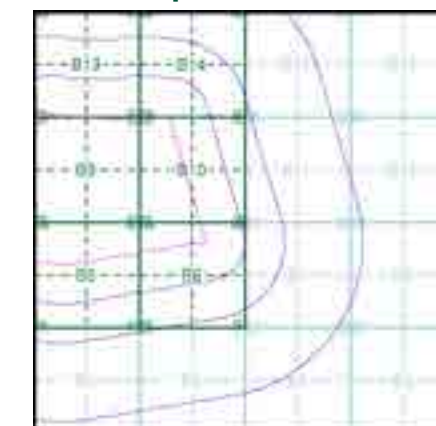
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B

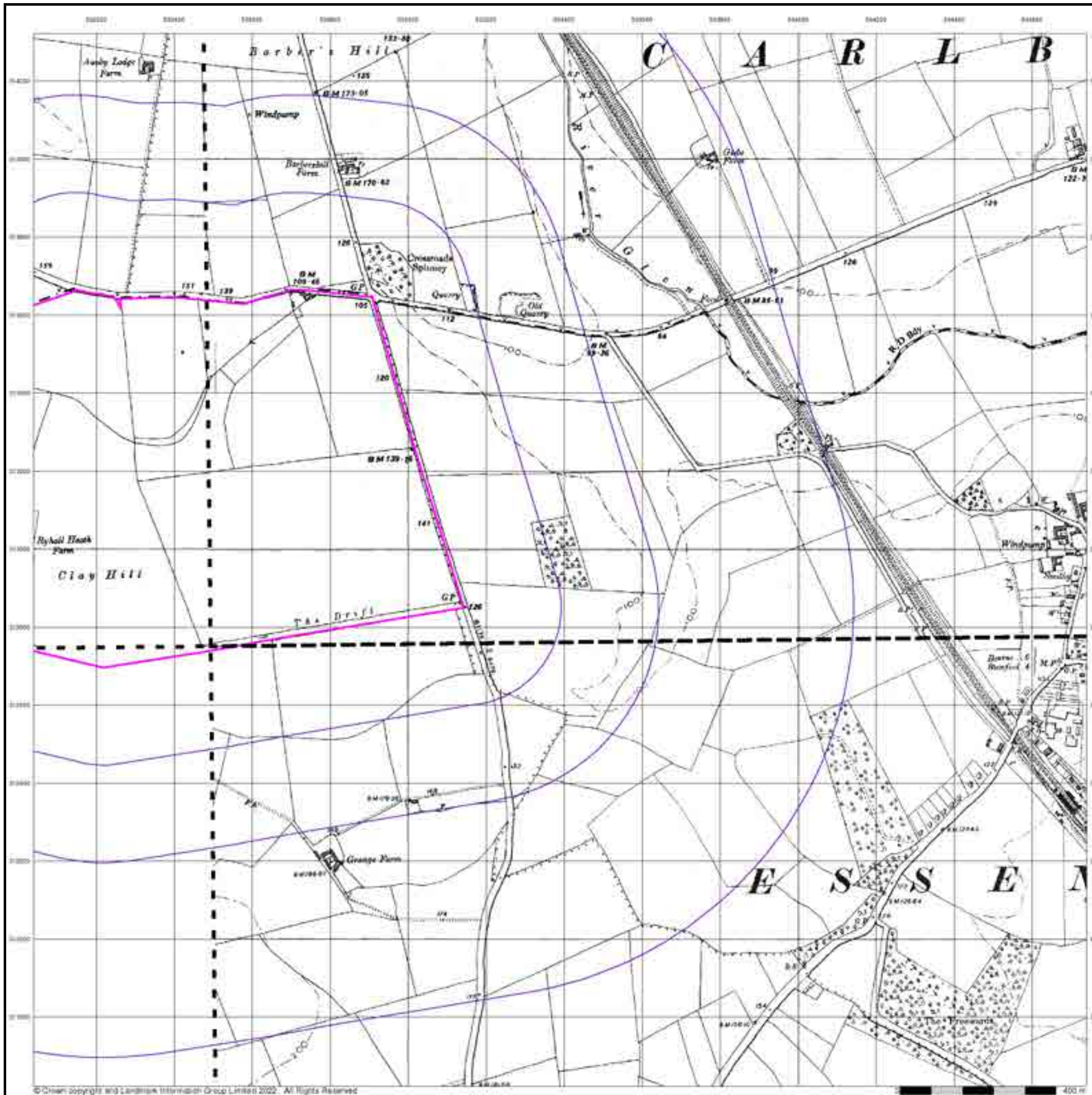


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



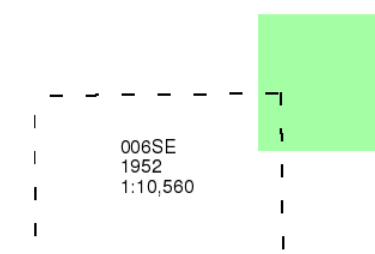
Rutland

Published 1952

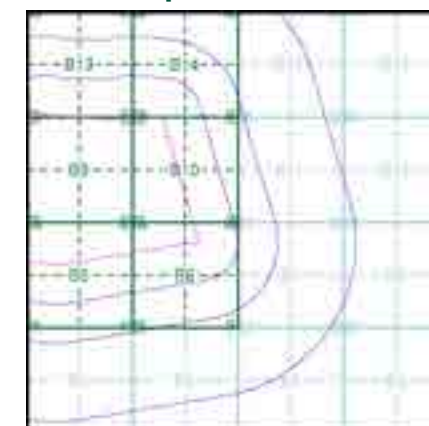
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice B

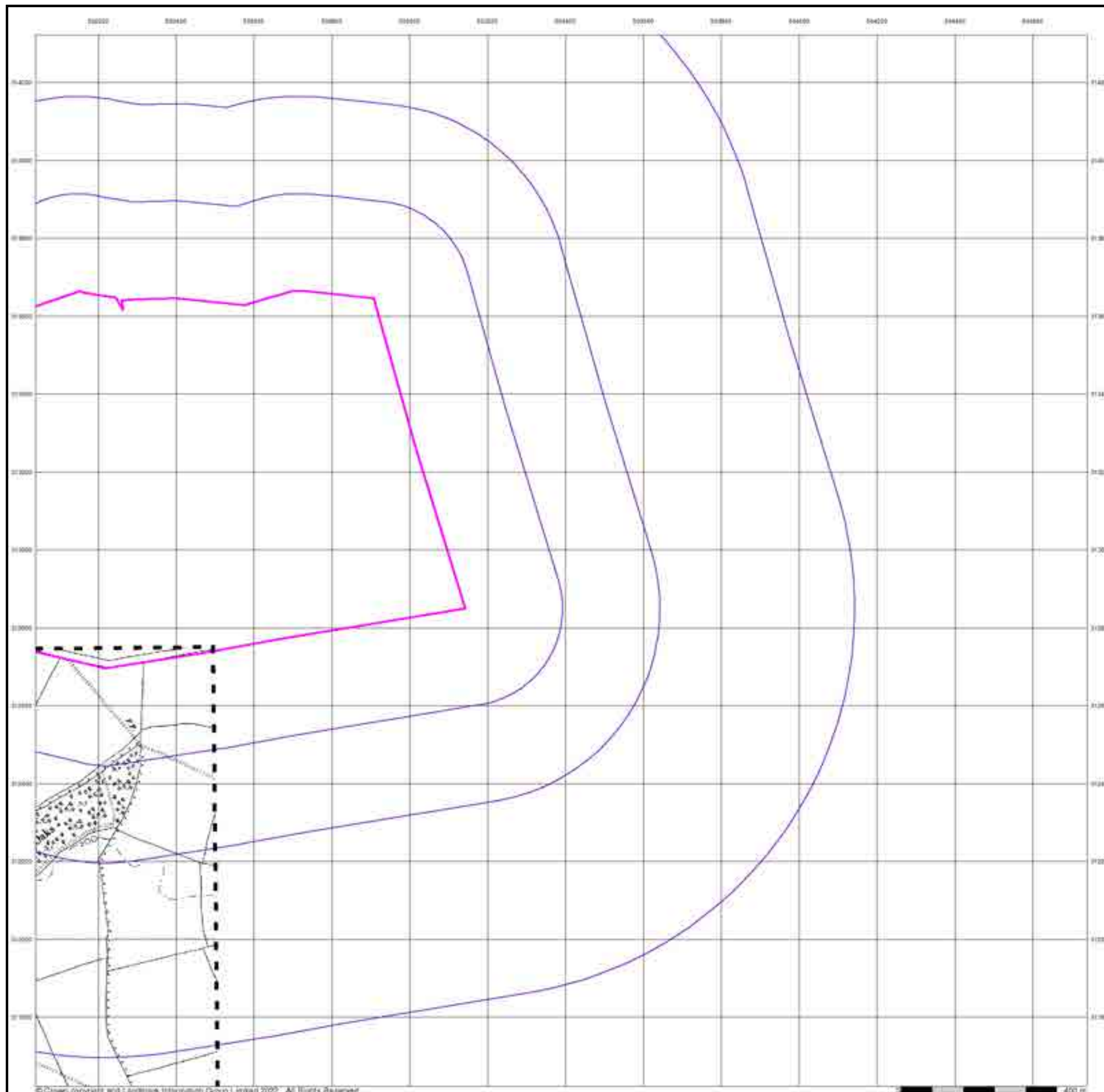


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



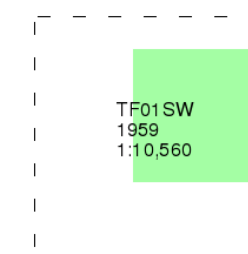
Ordnance Survey Plan

Published 1959

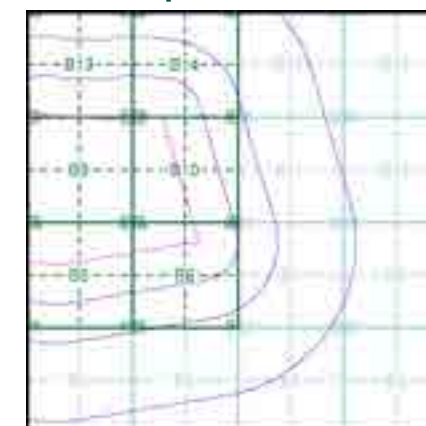
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B

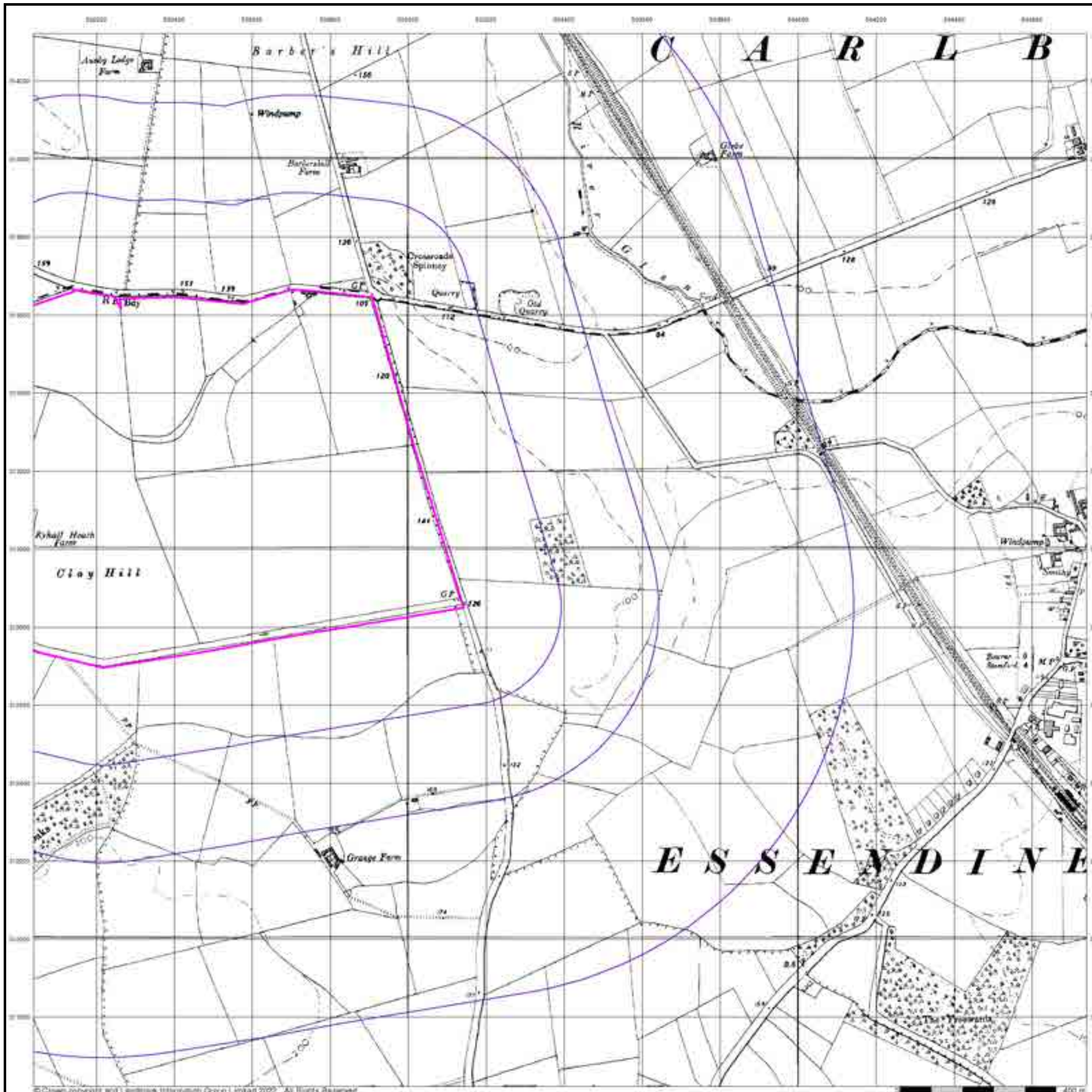


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



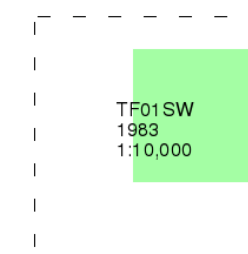
Ordnance Survey Plan

Published 1983

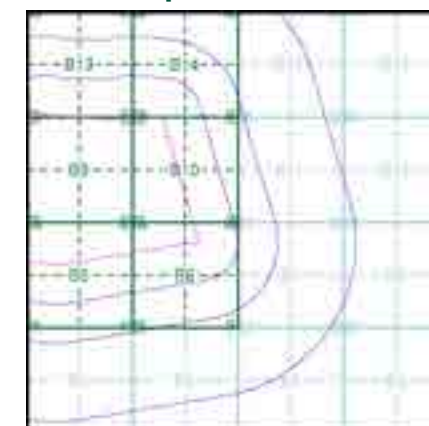
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B

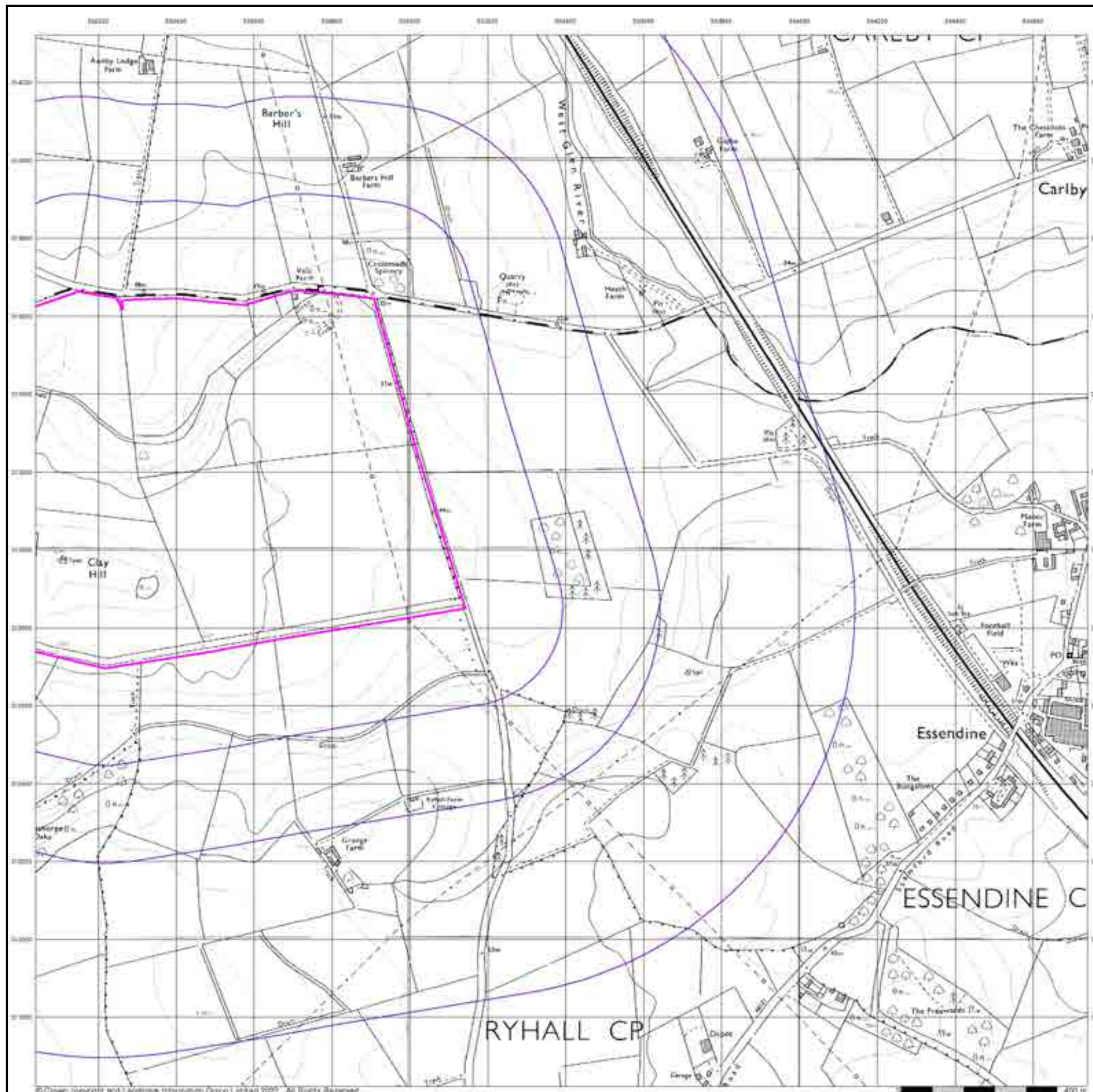


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



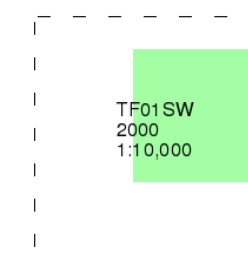
10k Raster Mapping

Published 2000

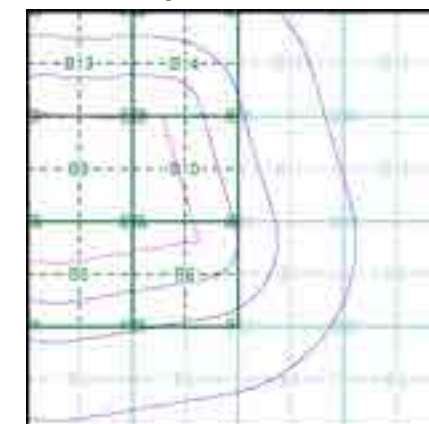
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B

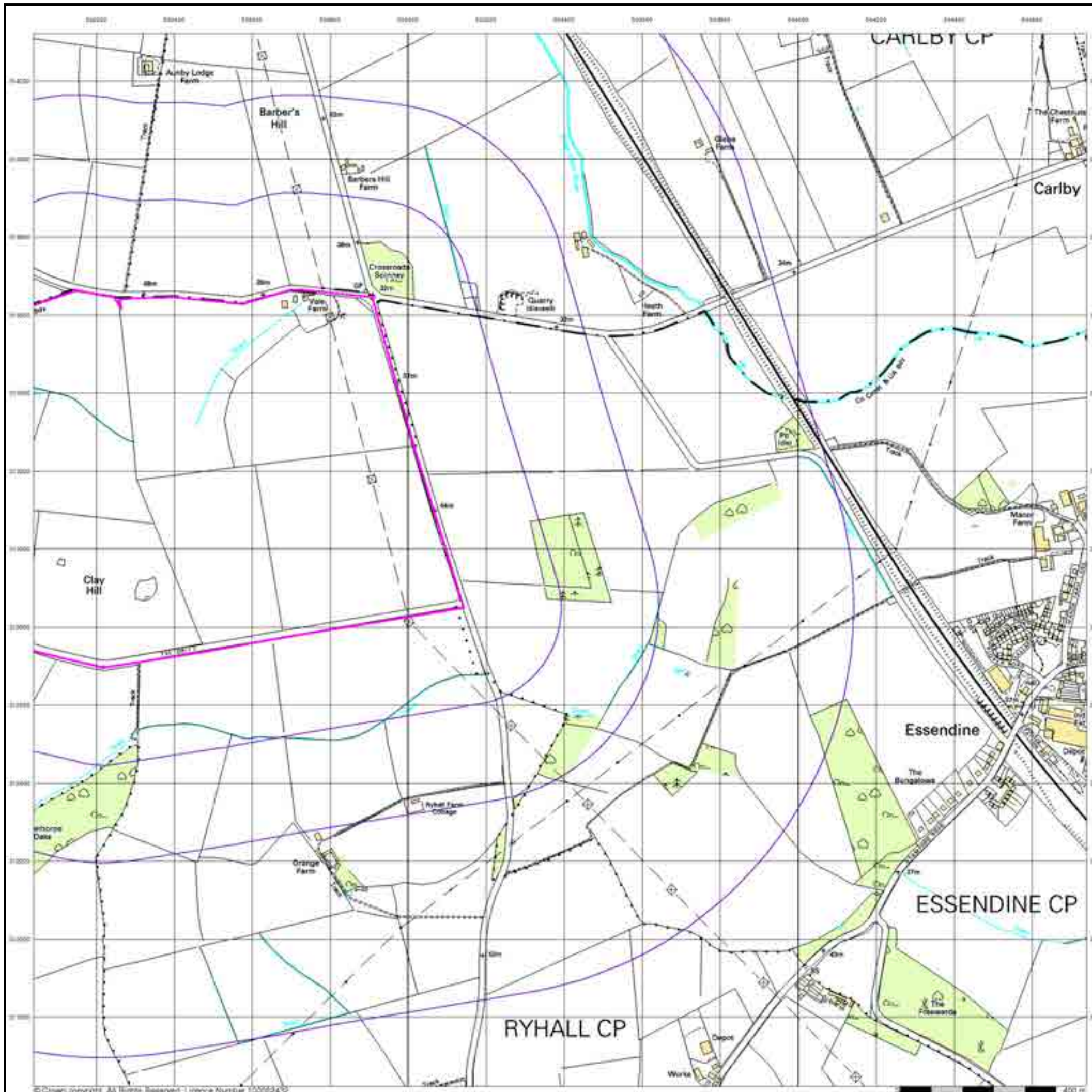


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



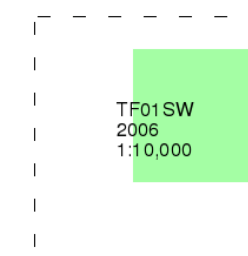
10k Raster Mapping

Published 2006

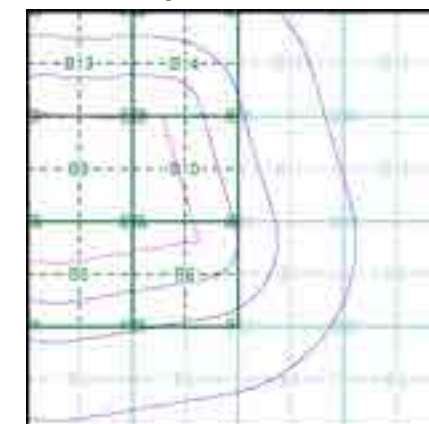
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B

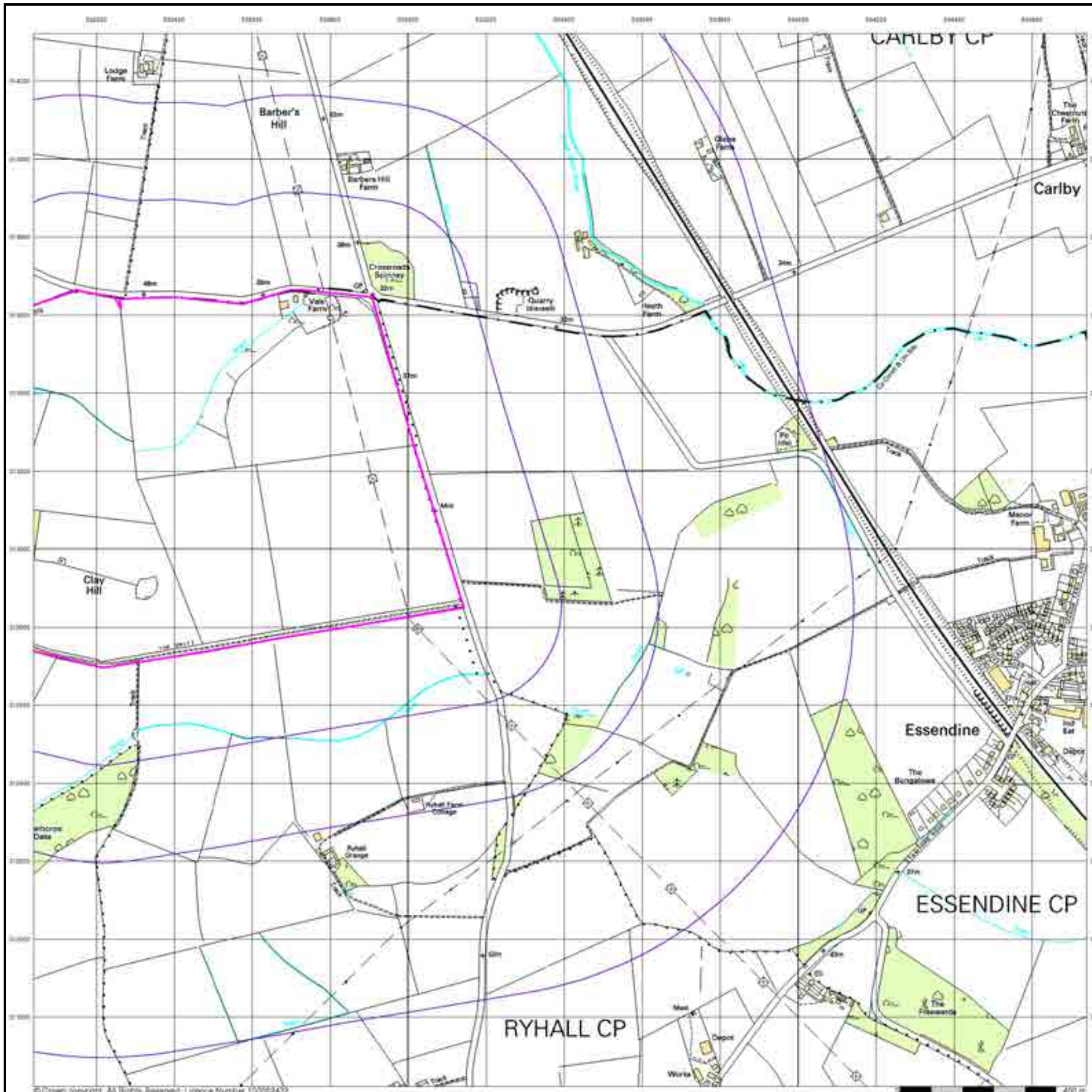


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



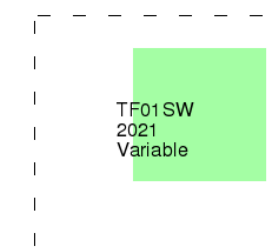
VectorMap Local

Published 2021

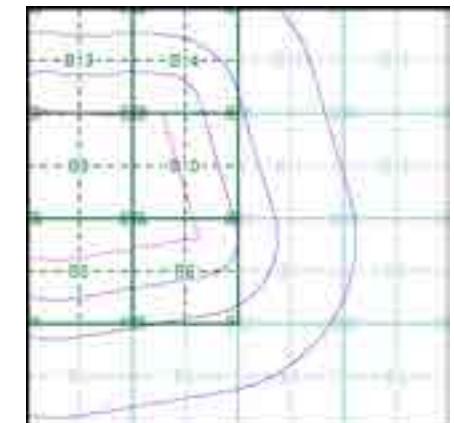
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice B

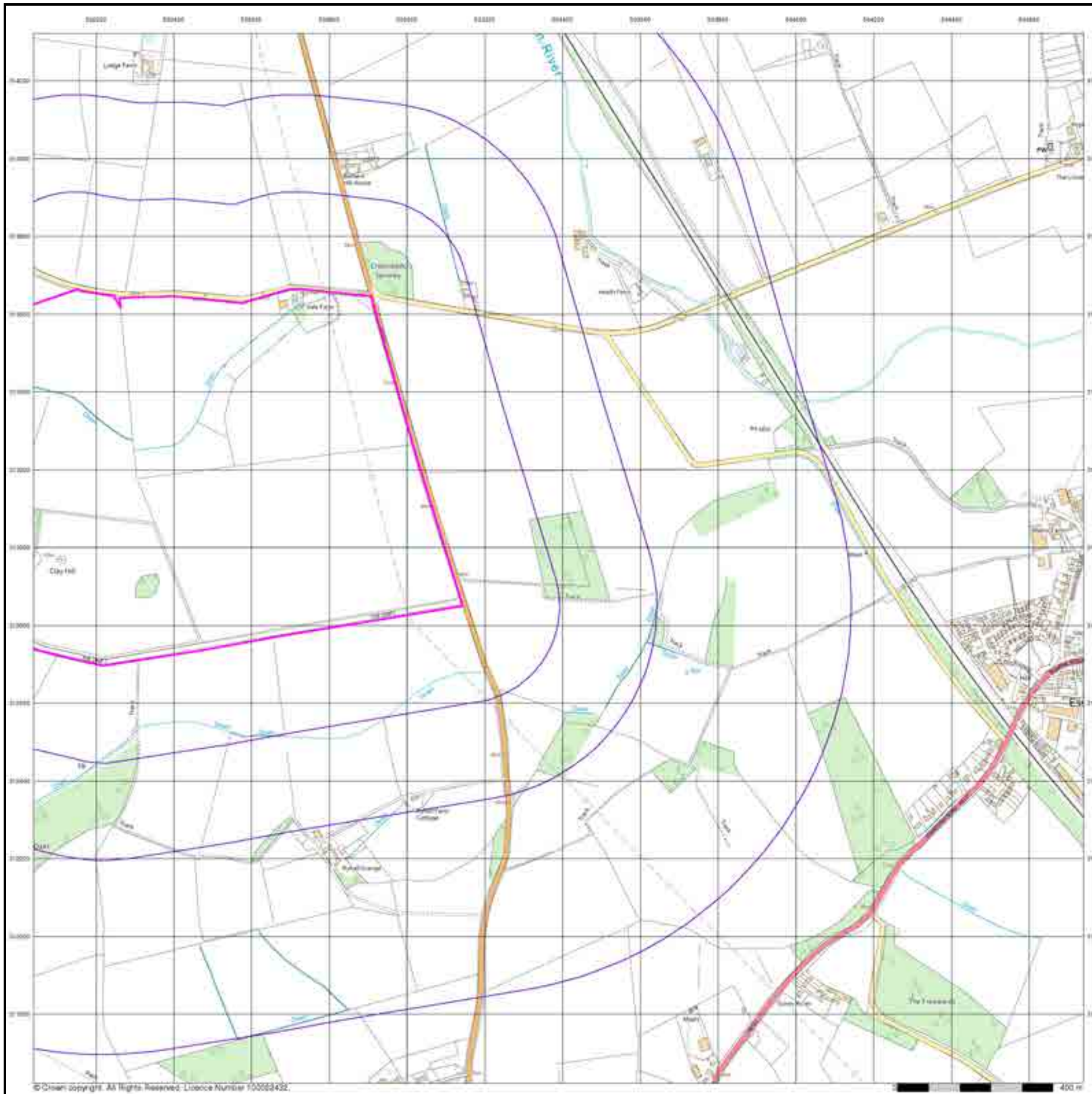


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

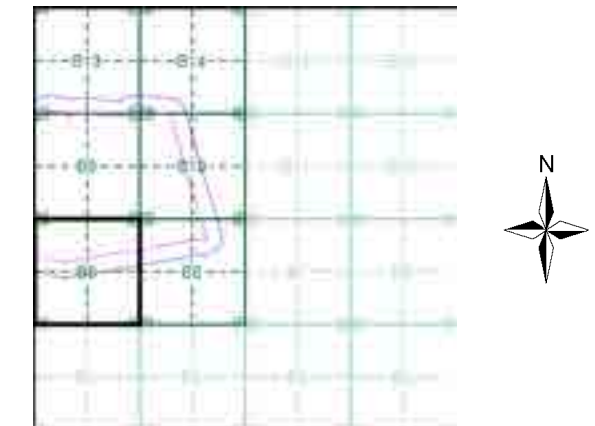
Site Details

Site at 502039,313310



- | | | | | |
|--------------------------------|--|-----------------------------|--|--|
| General | | | | |
| | | | | |
| Agency and Hydrological | | | | |
| | | | | |
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| | | | | |
| | | Hazardous Substances | | |
| | | | | |
| Waste | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Site Sensitivity Map - Segment B5



Order Details

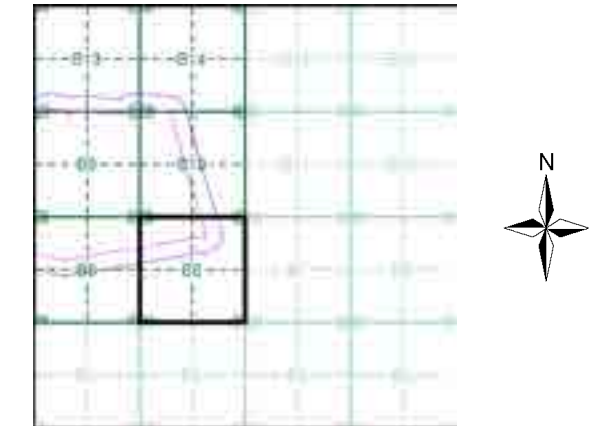
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Severance of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Pollutants
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Permit
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - DGS-Recorded Mine Site
- Waste**
- DGS-Recorded Landfill Site (Location)
 - DGS-Recorded Landfill Site
 - EA Historic Landfill (Burial Park)
 - EA Historic Landfill (Pylon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill (Pylon))
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Filled Land (Non-water)
 - Potentially Filled Land (Non-water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Potentially Filled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Over)
 - Registered Landfill Site (Over Subject to DGS)
 - Registered Landfill Site (Over Subject to DGS)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment B6



Order Details

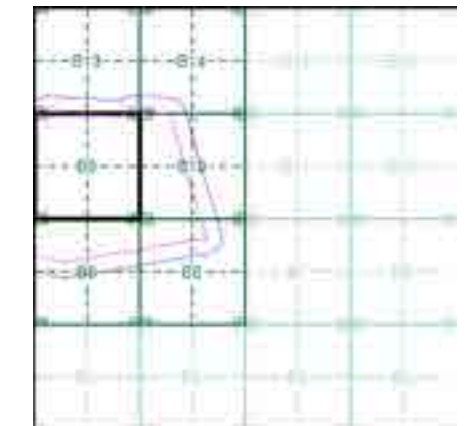
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- | | | | |
|--|--|--|--|
| General | | Waste | |
| Specified Site | Specified Buffer(s) | BGS Recorded Landfill Site (Location) | BGS Recorded Landfill Site |
| Boundary of Type at Location | Pylon | EA Historic Landfill (Burhead Park) | EA Historic Landfill (Huggin) |
| Agency and Hydrological | | Waste | |
| Contaminated Land Register Entry or Notice (Location) | Contaminated Land Register Entry or Notice | EA Historic Landfill (Burhead Park) | EA Historic Landfill (Huggin) |
| Discharge Consent | Enforcement or Prohibition Notice | Integrated Pollution Control Registered Waste Site | Licensed Waste Management Facility (Landfill Number) |
| Integrated Pollution Control | Integrated Pollution Prevention Control | Licensed Waste Management Facility (Location) | Local Authority Recorded Landfill Site (Location) |
| Local Authority Integrated Pollution Prevention and Control | Local Authority Pollution Prevention and Control | Local Authority Recorded Landfill Site | Local Authority Recorded Landfill Site |
| Local Authority Pollution Prevention and Control Enforcement | Pollution Incident to Controlled Waters | Potentially Infilled Land (Non-water) | Potentially Infilled Land (Non-water) |
| Prosecution Relating to Controlled Waters | Prosecution Relating to Authorised Processes | Potentially Infilled Land (Non-water) | Potentially Infilled Land (Water) |
| Prosecution Relating to Controlled Waters | Registered Radioactive Substance | Potentially Infilled Land (Water) | Potentially Infilled Land (Water) |
| River Network or Water Feature | River Quality Sampling Point | Registered Landfill Site (Location) | Registered Landfill Site (Over Surface or BGS) |
| Substantiated Pollution Incident Register | Water Abstraction | Registered Landfill Site (Over Surface or BGS) | Registered Waste Transfer Site (Location) |
| Water Industry Act Review | Hazardous Substances | Registered Landfill Site (Over Surface or BGS) | Registered Waste Transfer Site |
| COMAH Site | Explosive Site | Registered Waste Transfer Site (Location) | Registered Waste Treatment or Disposal Site (Location) |
| HMRS Site | Planning Hazardous Substance Consent | Registered Waste Transfer Site | Registered Waste Treatment or Disposal Site |
| Planning Hazardous Substance Enforcement | Geological | Registered Waste Treatment or Disposal Site | Registered Waste Treatment or Disposal Site |
| BGS Recorded Mine Site | | | |

Site Sensitivity Map - Segment B9



Order Details

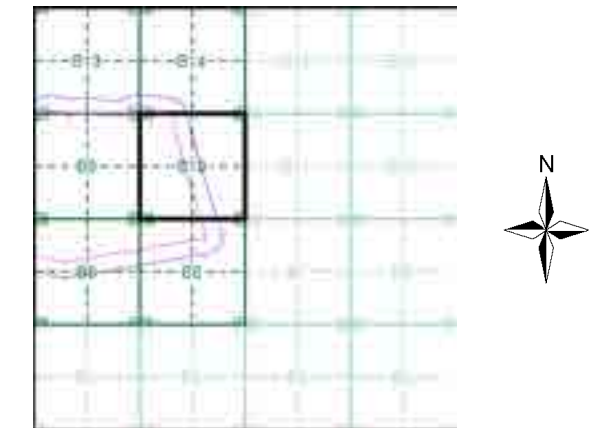
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

- | | | |
|--|---|--|
| General | | <ul style="list-style-type: none"> Specified Site Specified Buffer(s) Bearing Watercourse Point Map ID |
| <ul style="list-style-type: none"> Boundary of Type at Location Pylon Overhead Transmission Line | | <ul style="list-style-type: none"> BGS Recorded Landfill Site (Location) BGS Recorded Landfill Site EA Historic Landfill (Burial Pile) EA Historic Landfill (Pylon) Integrated Pollution Control Registered Waste Site Licensed Waste Management Facility (Landfill (Transfer)) 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 (Water) Potentially Infilled Land (Water) Registered Landfill Site (Location) Registered Landfill Site (Over Burial or BGS) Registered Landfill Site (Over Burial or BGS) Registered Waste Transfer Site (Location) Registered Waste Transfer Site Registered Waste Treatment or Disposal Site (Location) Registered Waste Treatment or Disposal Site |
| Agency and Hydrological | | Waste |
| <ul style="list-style-type: none"> Contaminated Land Register Entry or Notice (Location) Contaminated Land Register Entry or Notice Discharge Consent Enforcement or Prohibition Notice Integrated Pollution Control Integrated Pollution Prevention Control Local Authority Integrated Pollution Prevention and Control Local Authority Pollution Prevention and Control Local Authority Pollution Prevention and Control Enforcement Pollution Incident to Controlled Waters Prosecution Relating to Authorised Processes Prosecution Relating to Controlled Interest Registered Radioactive Substance River Network or Water Feature River Quality Sampling Point Submitted Pollution Incident Register Water Abstraction Water Industry Act Permit | <ul style="list-style-type: none"> EA Historic Landfill (Burial Pile) EA Historic Landfill (Pylon) Integrated Pollution Control Registered Waste Site Licensed Waste Management Facility (Landfill (Transfer)) 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 (Water) Potentially Infilled Land (Water) Registered Landfill Site (Location) Registered Landfill Site (Over Burial or BGS) Registered Landfill Site (Over Burial or BGS) Registered Waste Transfer Site (Location) Registered Waste Transfer Site Registered Waste Treatment or Disposal Site (Location) Registered Waste Treatment or Disposal Site | |
| Hazardous Substances | | |
| <ul style="list-style-type: none"> COMAH Site Explosive Site NIHS Site Planning Hazardous Substance Consent Planning Hazardous Substance Enforcement BGS Recorded Mine Site | | |
| Geological | | |

Site Sensitivity Map - Segment B10

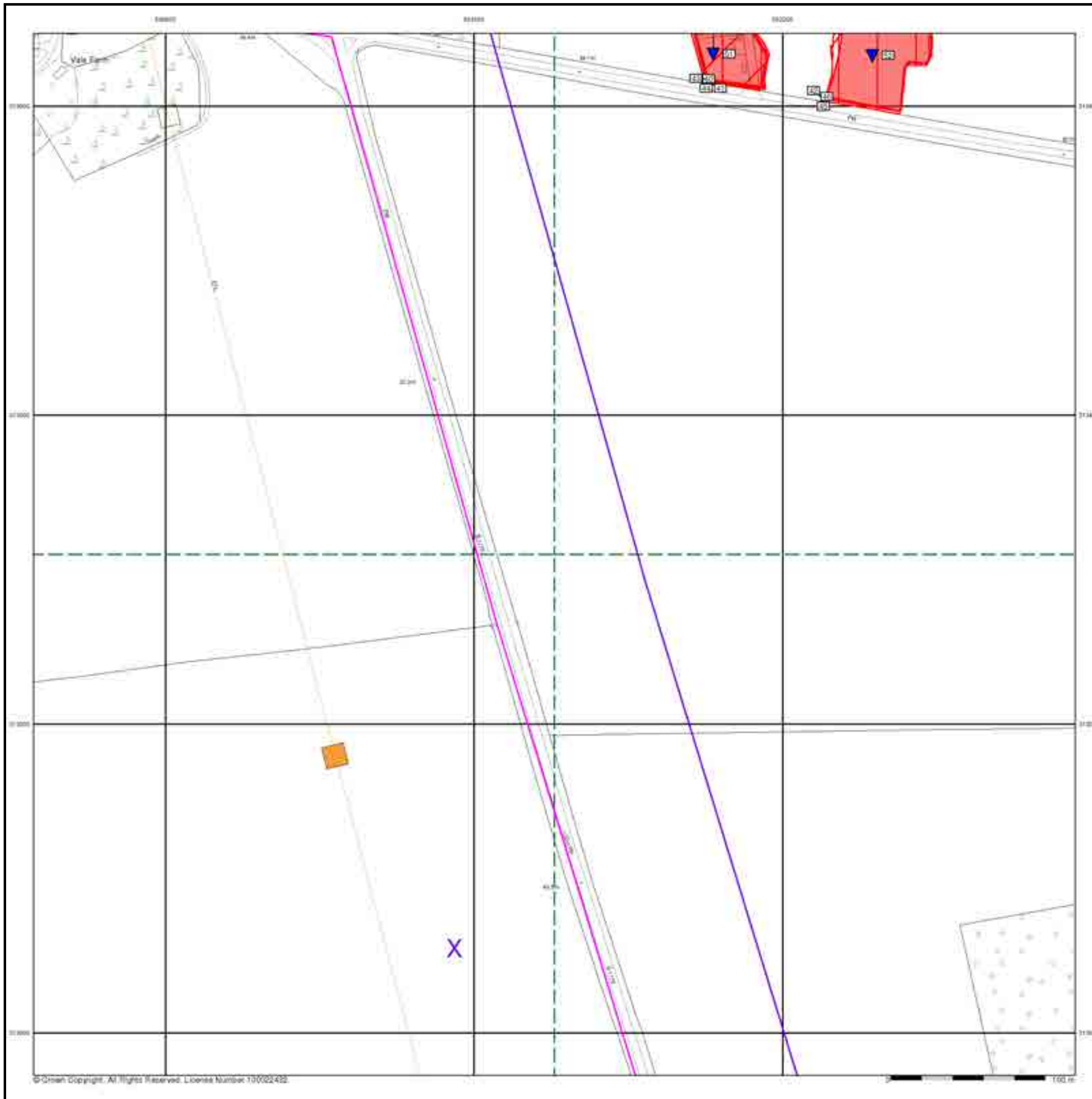


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

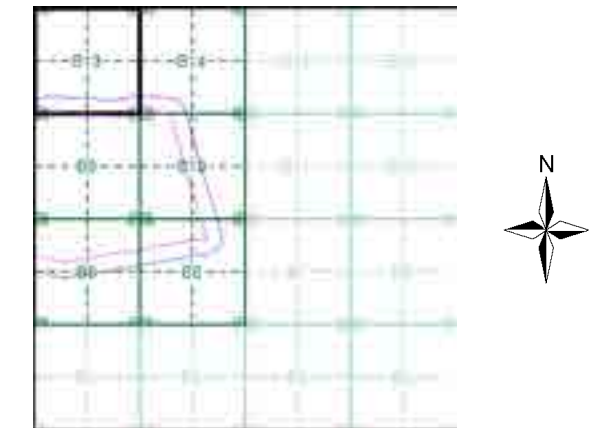
Site Details

Site at 502039,313310



- | | | | | | |
|--|--------------------------------------|---|--|--|----------------------------|
| General | | Agency and Hydrological | | Waste | |
| Specified Site | Specified Buffer(s) | Contaminated Land Register Entry or Notice (Location) | Discharge Consent | BGS Recorded Landfill Site (Location) | Map ID |
| Severance of Type at Location | Pylon | Contaminated Land Register Entry or Notice | Enforcement or Prohibition Notice | BGS Recorded Landfill Site | Overhead Transmission Line |
| | | Discharge Consent | Integrated Pollution Control | EA Historic Landfill (Burhead Park) | |
| | | Local Authority Integrated Pollution Prevention and Control | Local Authority Pollution Prevention and Control Enforcement | EA Historic Landfill (Hygin) | |
| | | Pollution Incident to Controlled Waters | Prosecution Relating to Authorised Processes | Integrated Pollution Control Registered Waste Site | |
| | | Prosecution Relating to Combined Interest | Registered Radioactive Substance | Licensed Waste Management Facility (Landfill Number) | |
| | | River Network or Water Feature | River Quality Sampling Point | Licensed Waste Management Facility (Location) | |
| | | Substantiated Pollution Incident Register | Water Abstraction | Local Authority Recorded Landfill Site (Location) | |
| | | Water Industry Act Review | | Local Authority Recorded Landfill Site | |
| Hazardous Substances | | | | Potentially Filled Land (Non-water) | |
| COMAH Site | Explosive Site | | | Potentially Filled Land (Non-water) | |
| NIHS Site | Planning Hazardous Substance Consent | | | Potentially Filled Land (Water) | |
| Planning Hazardous Substance Enforcement | | | | Potentially Filled Land (Water) | |
| BGS Recorded Mine Site | | | | Registered Landfill Site | |
| | | | | Registered Landfill Site (Location) | |
| | | | | Registered Landfill Site (Over Burial or 100%) | |
| | | | | Registered Landfill Site (Over Burial or 20%) | |
| | | | | Registered Waste Transfer Site (Location) | |
| | | | | Registered Waste Transfer Site | |
| | | | | Registered Waste Treatment or Disposal Site (Location) | |
| | | | | Registered Waste Treatment or Disposal Site | |

Site Sensitivity Map - Segment B13

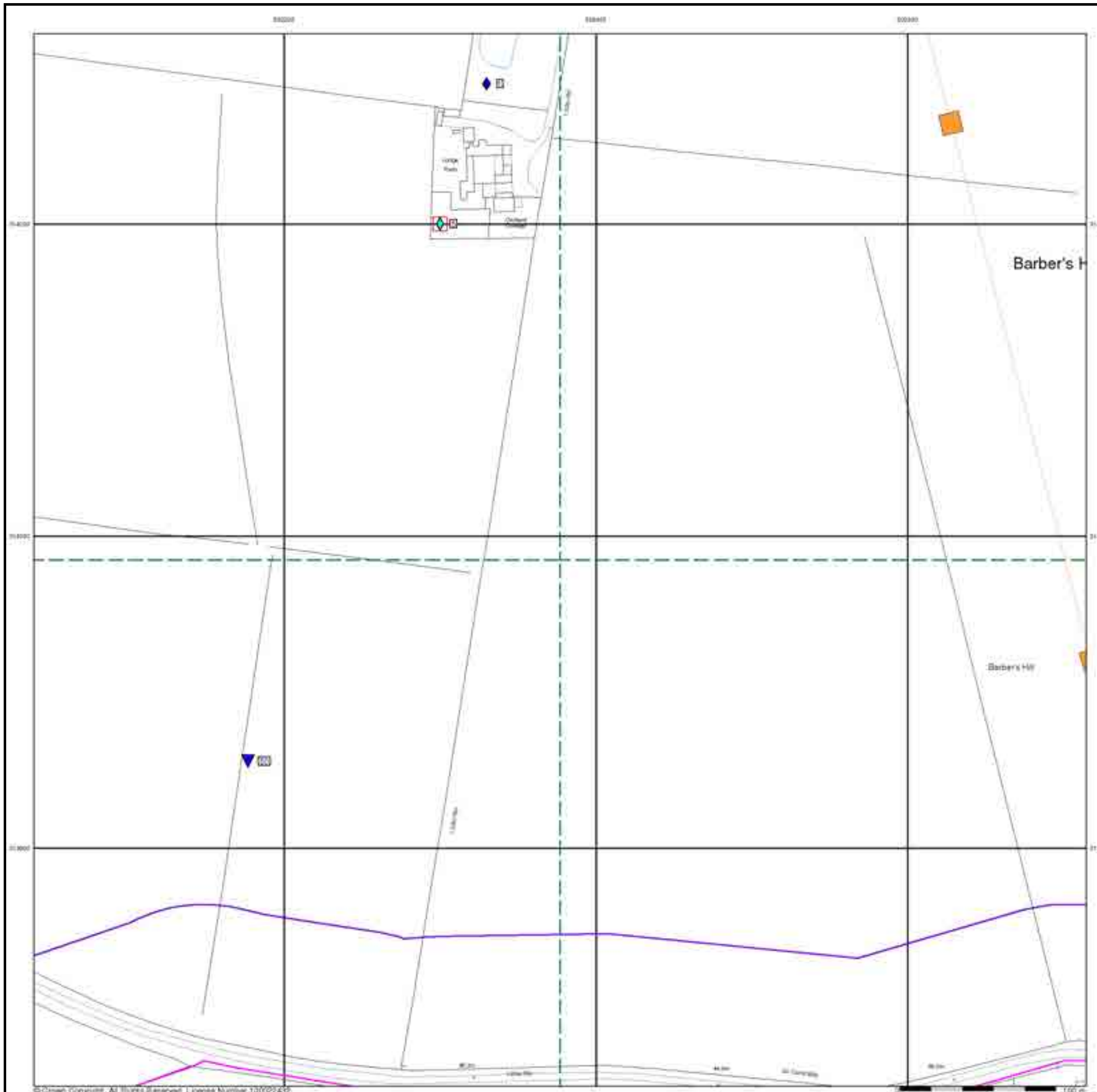


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

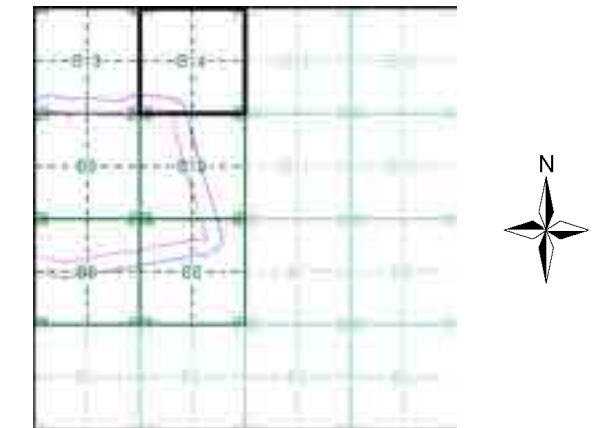
Site Details

Site at 502039,313310



- | | | | | |
|--------------------------------|--|--|--|--|
| General | | | | |
| | | | | |
| Agency and Hydrological | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Waste | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Site Sensitivity Map - Segment B14



Order Details






Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Plot Buffer (m): 100

Site Details

Site at 502039,313310

Industrial Land Use Map

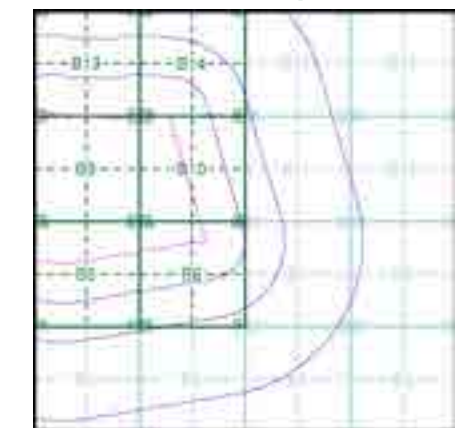
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice B

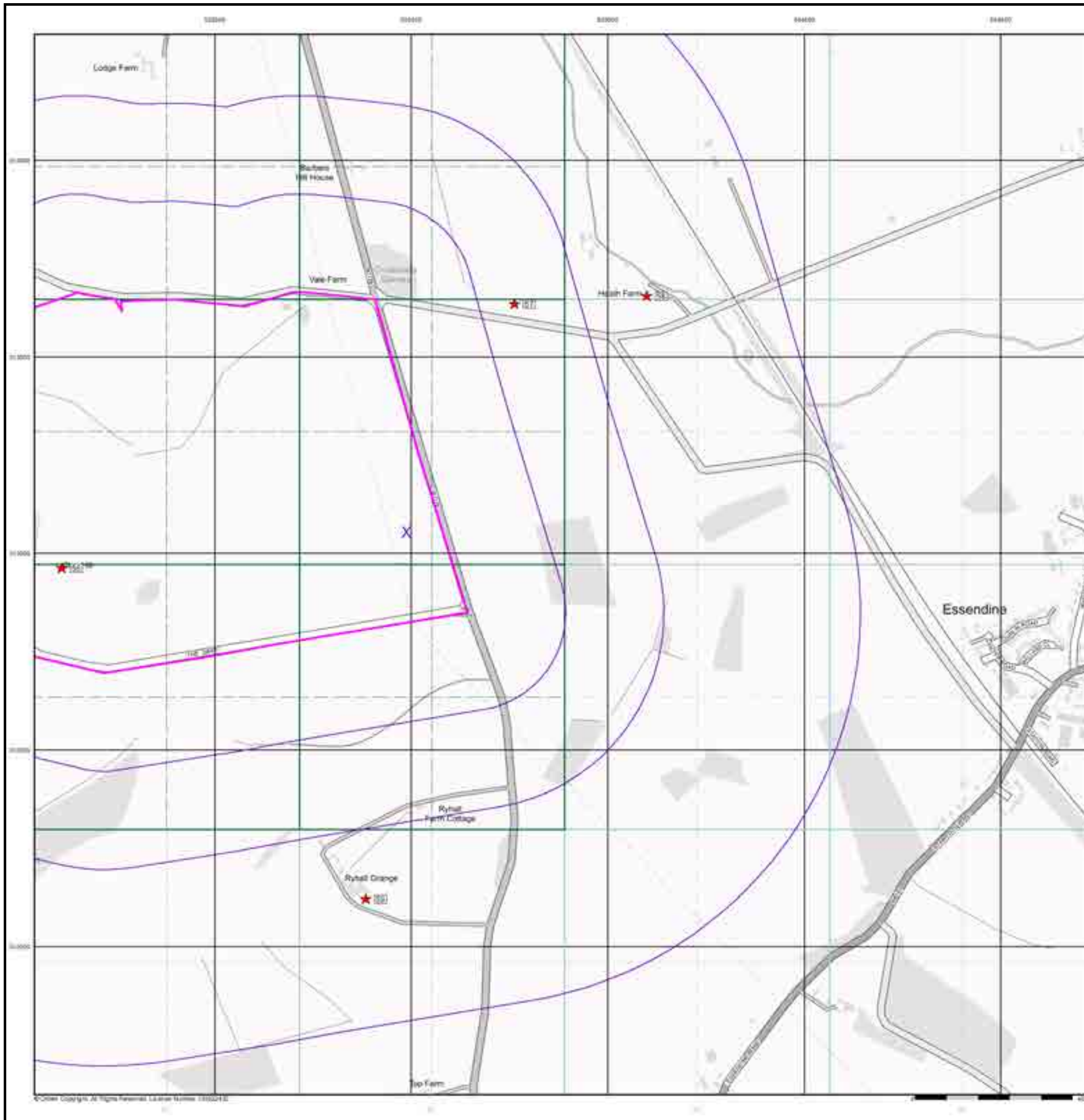


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



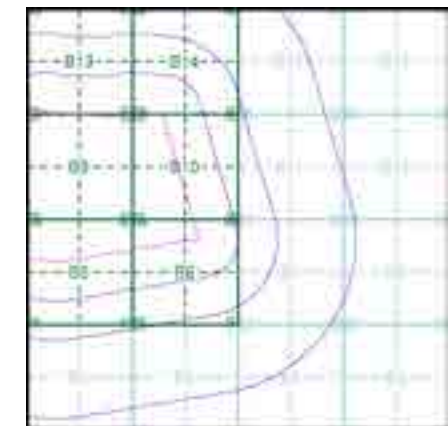
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice B

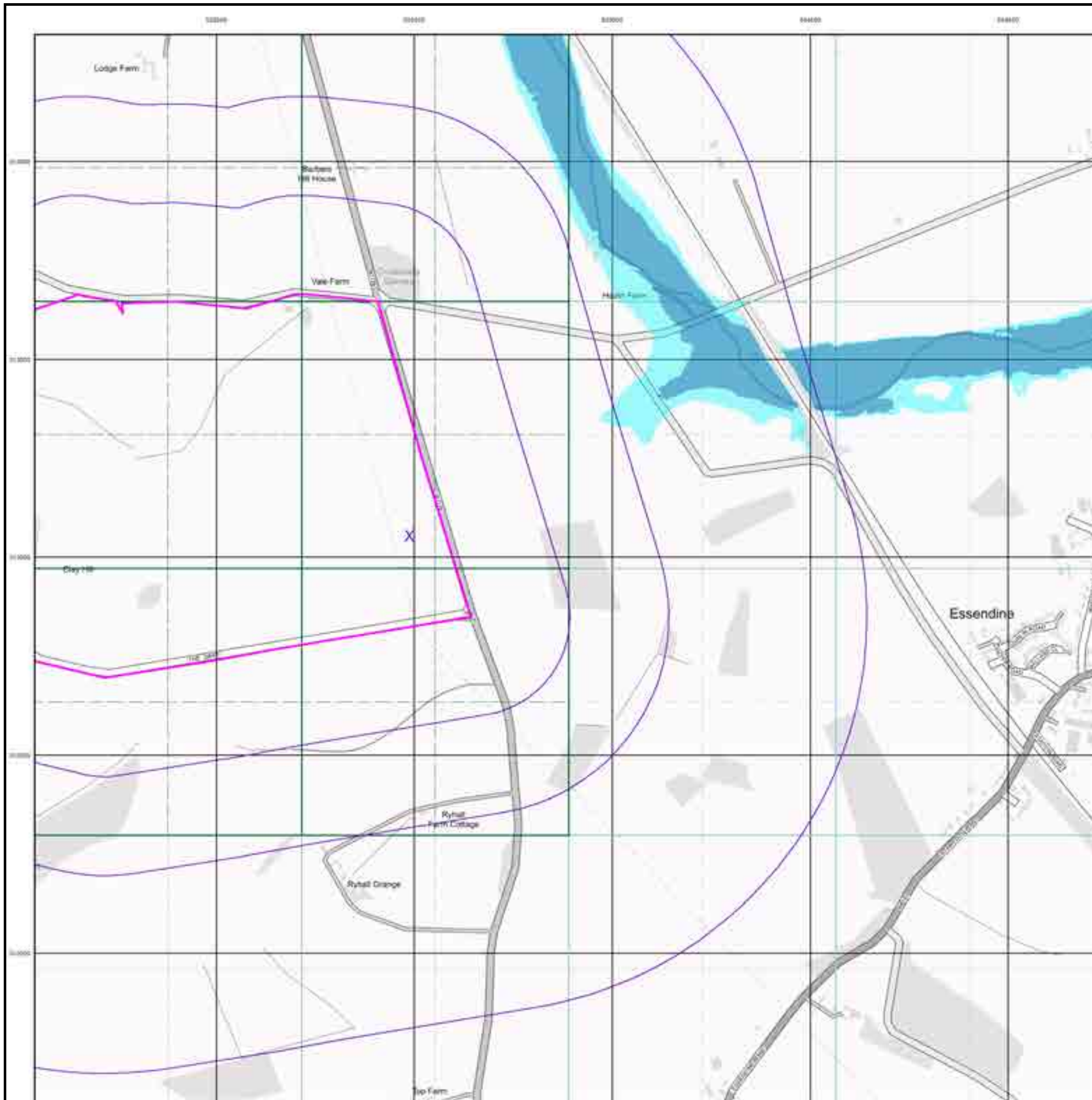


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



General

- Specified Site
- Specified Buffer(s)
- Design Reference Point
- HAO ID
- Severity Type at Location

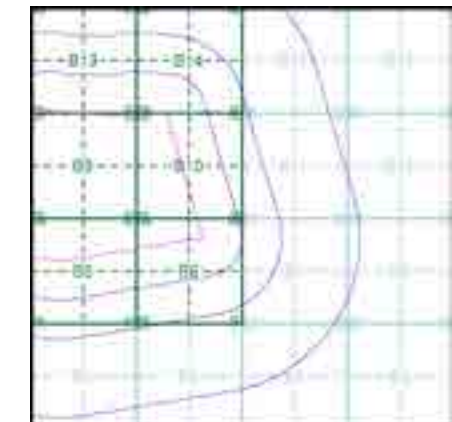
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B

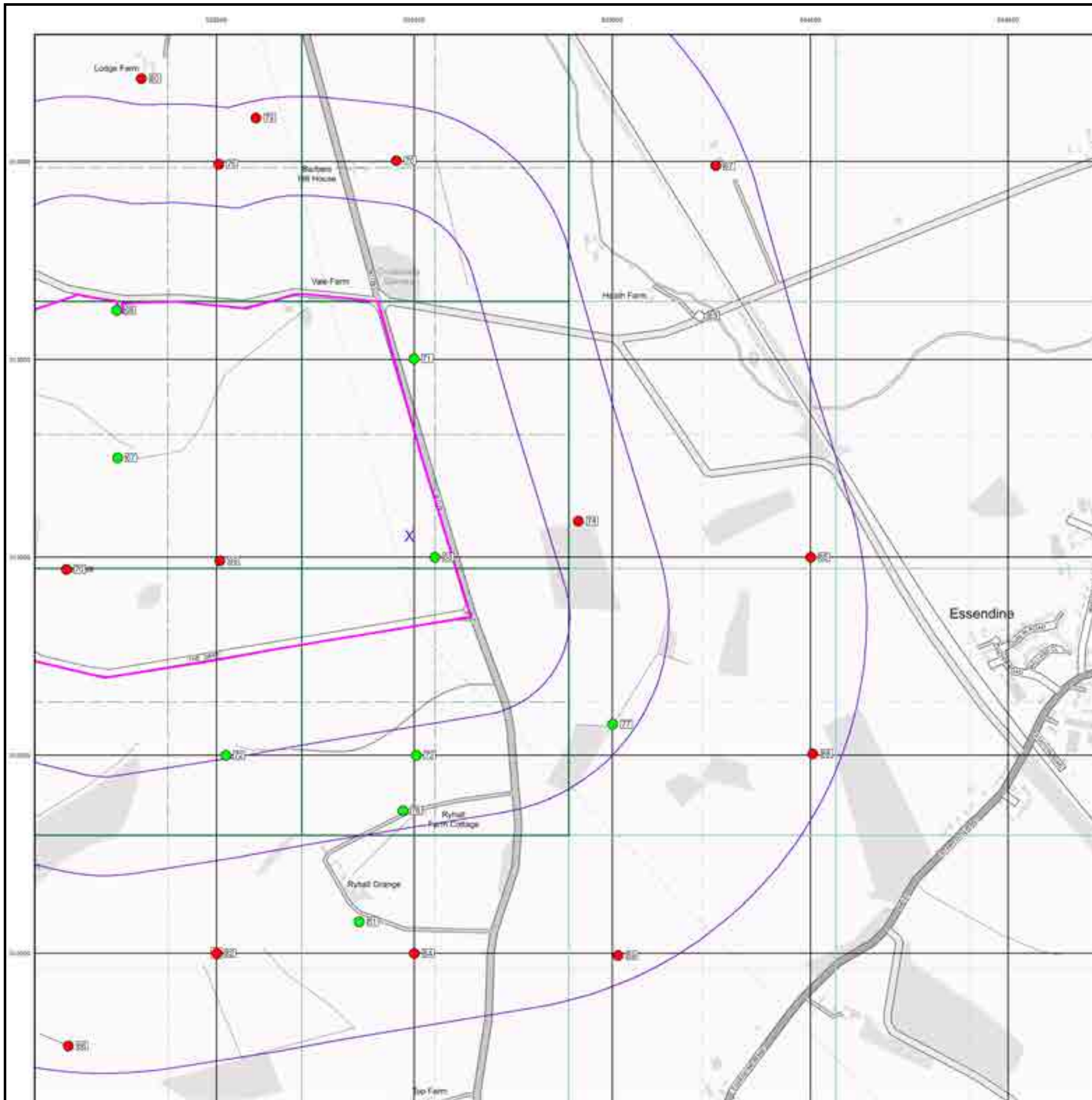


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



General

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

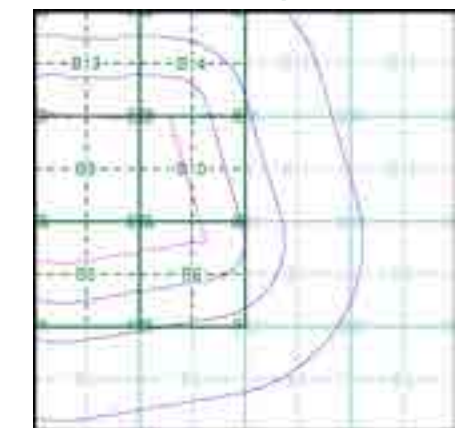
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice B






Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

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

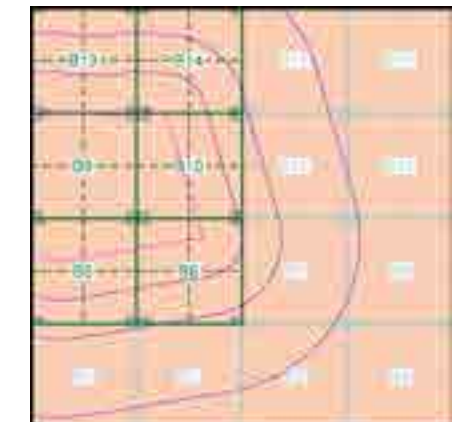
Risk of Flooding from Surface Water

-  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

EANRW Suitability Map - Slice B

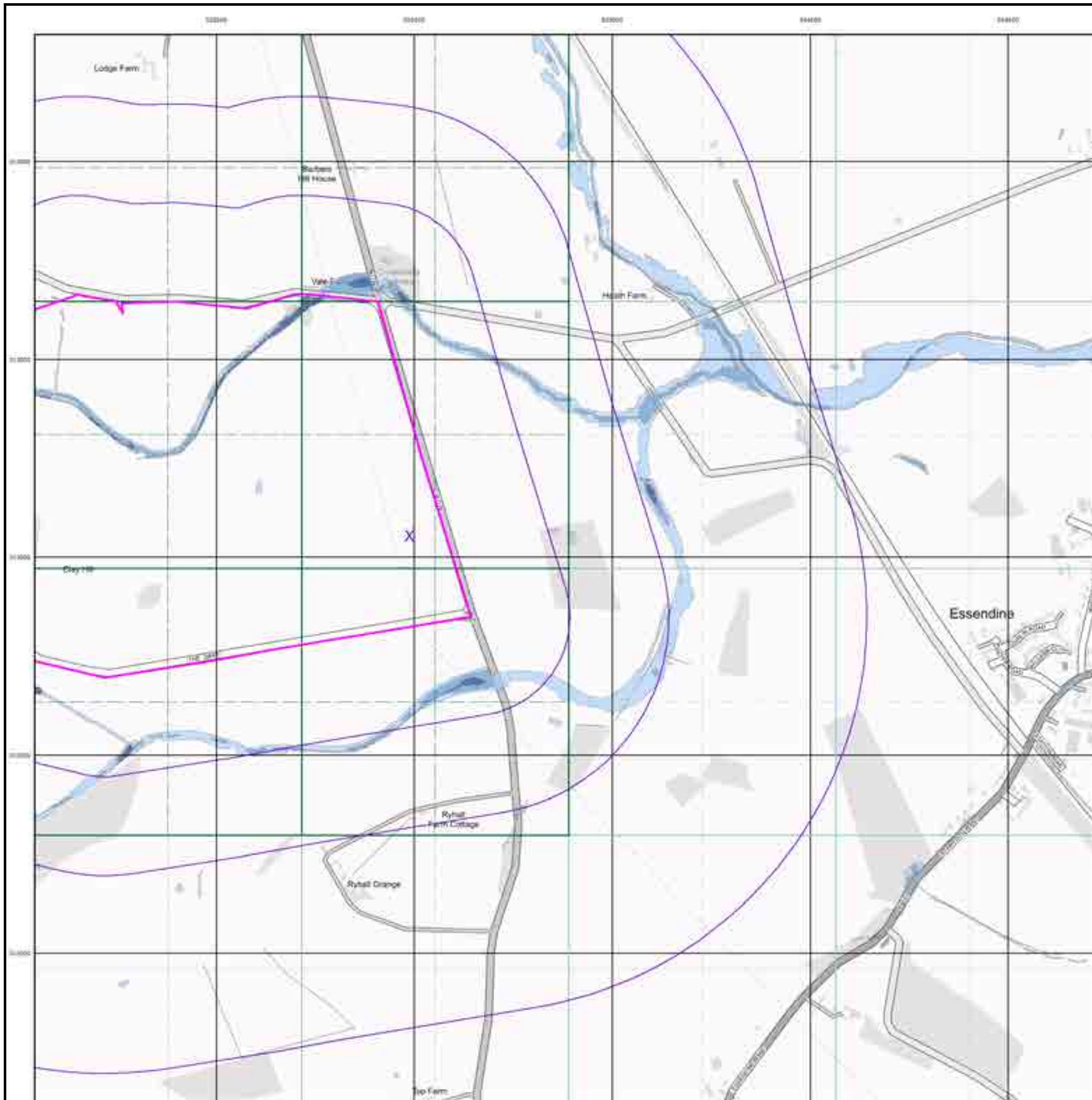


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

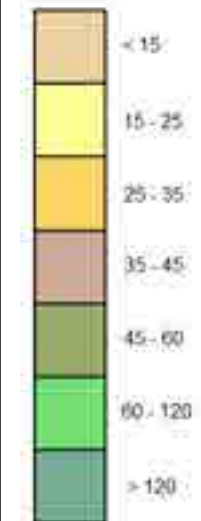


General

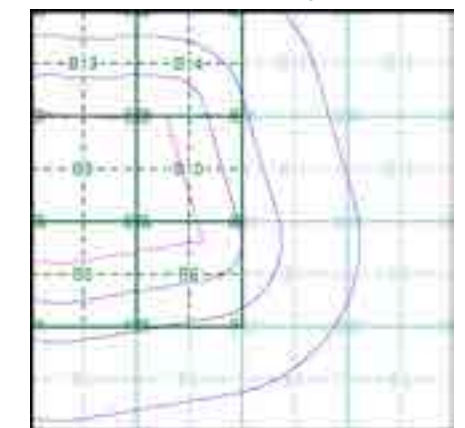
Selected Site
 Selected Battery(s)
 Heavy Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice B



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

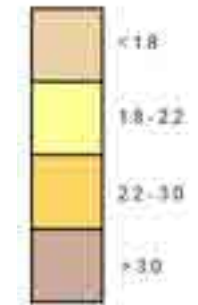
Site at 502039,313310

General

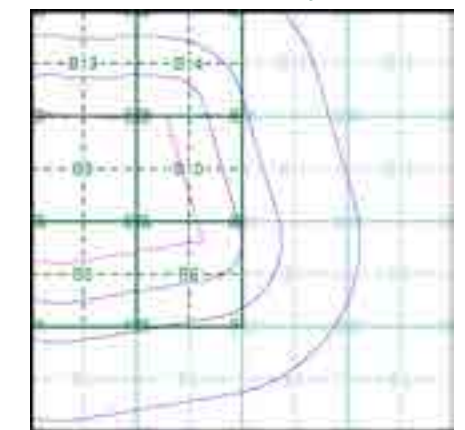
X Specified Site
 X Specified Buffer(s)
 X Existing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice B



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

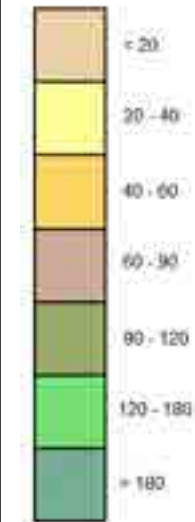
Site at 502039,313310

General

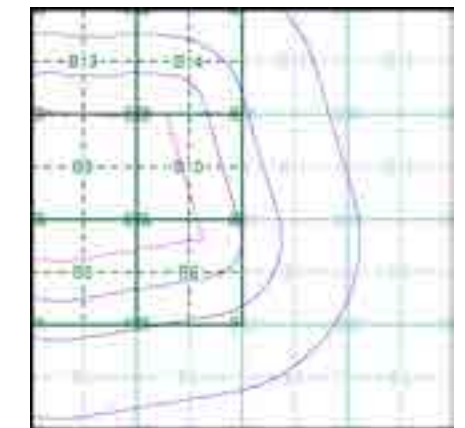
Site/Field Site
 Specimen Buffer(s)
 Existing Performance Data

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice B



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

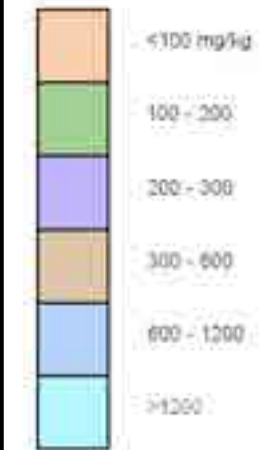
Site at 502039,313310

General

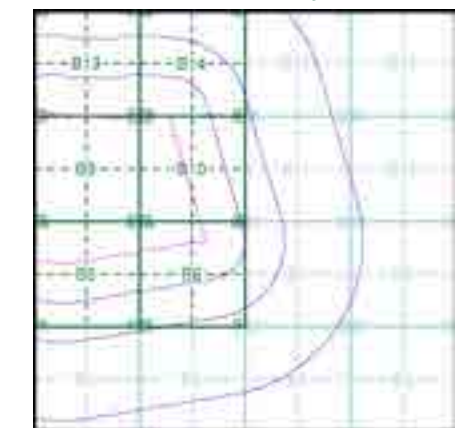
Selected Site Selected Buffer(s) Energy Efficiency Data

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice B



Order Details

Order Details: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

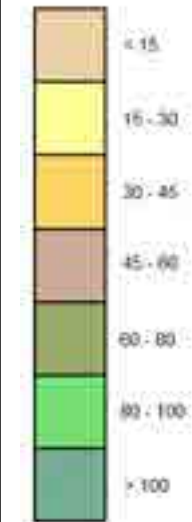
Site at 502039,313310

General

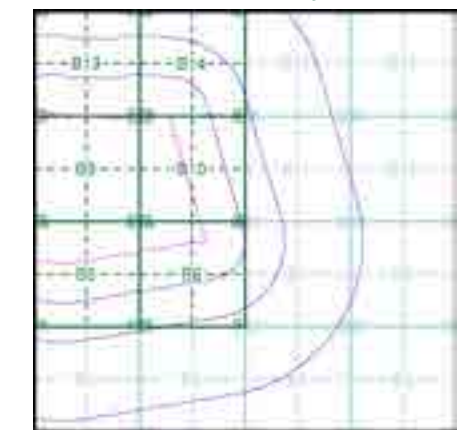
Specified Data
 Specified Buffer(s)
 Mining Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice B



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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

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

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

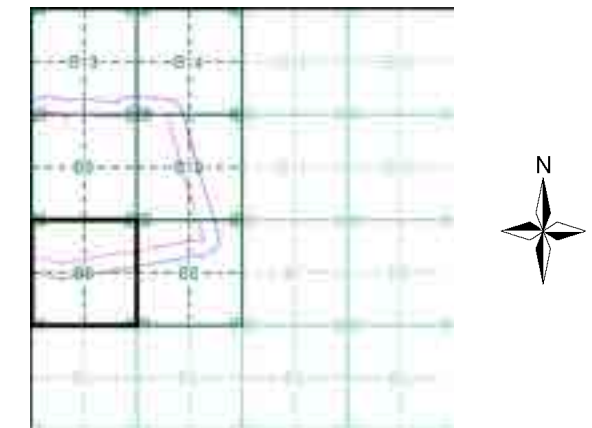
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1885 - 1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B5



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

Rutland

Published 1885 - 1888

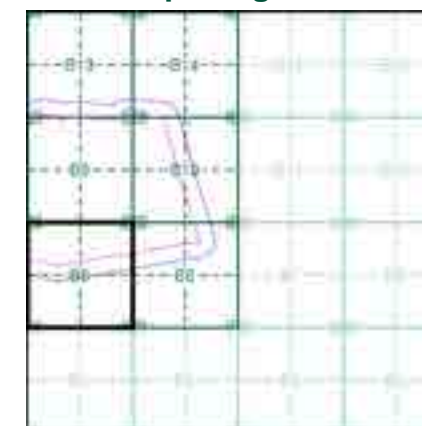
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

006_08 1888 1:2,500	007_05 1888 1:2,500
006_12 1885 1:2,500	007_09 1886 1:2,500

Historical Map - Segment B5

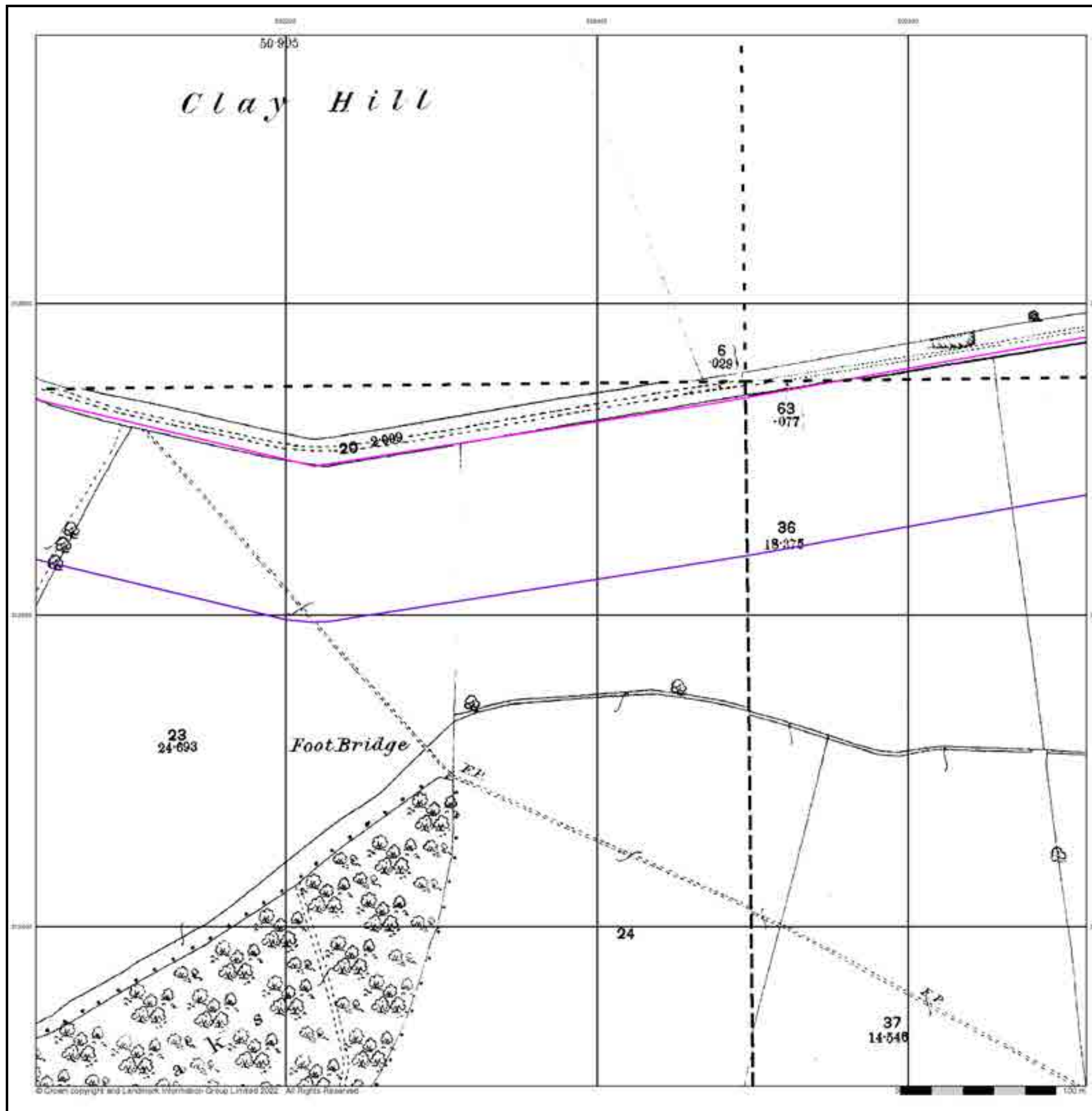


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Clay Hill

Rutland

Published 1904

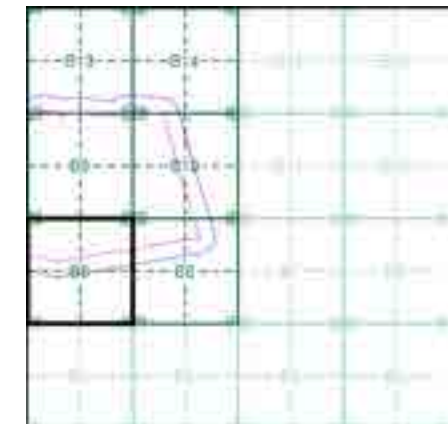
Source map scale - 1:2,500

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)

006_08 1904 1:2,500	007_05 1904 1:2,500
006_12 1904 1:2,500	007_09 1904 1:2,500

Historical Map - Segment B5

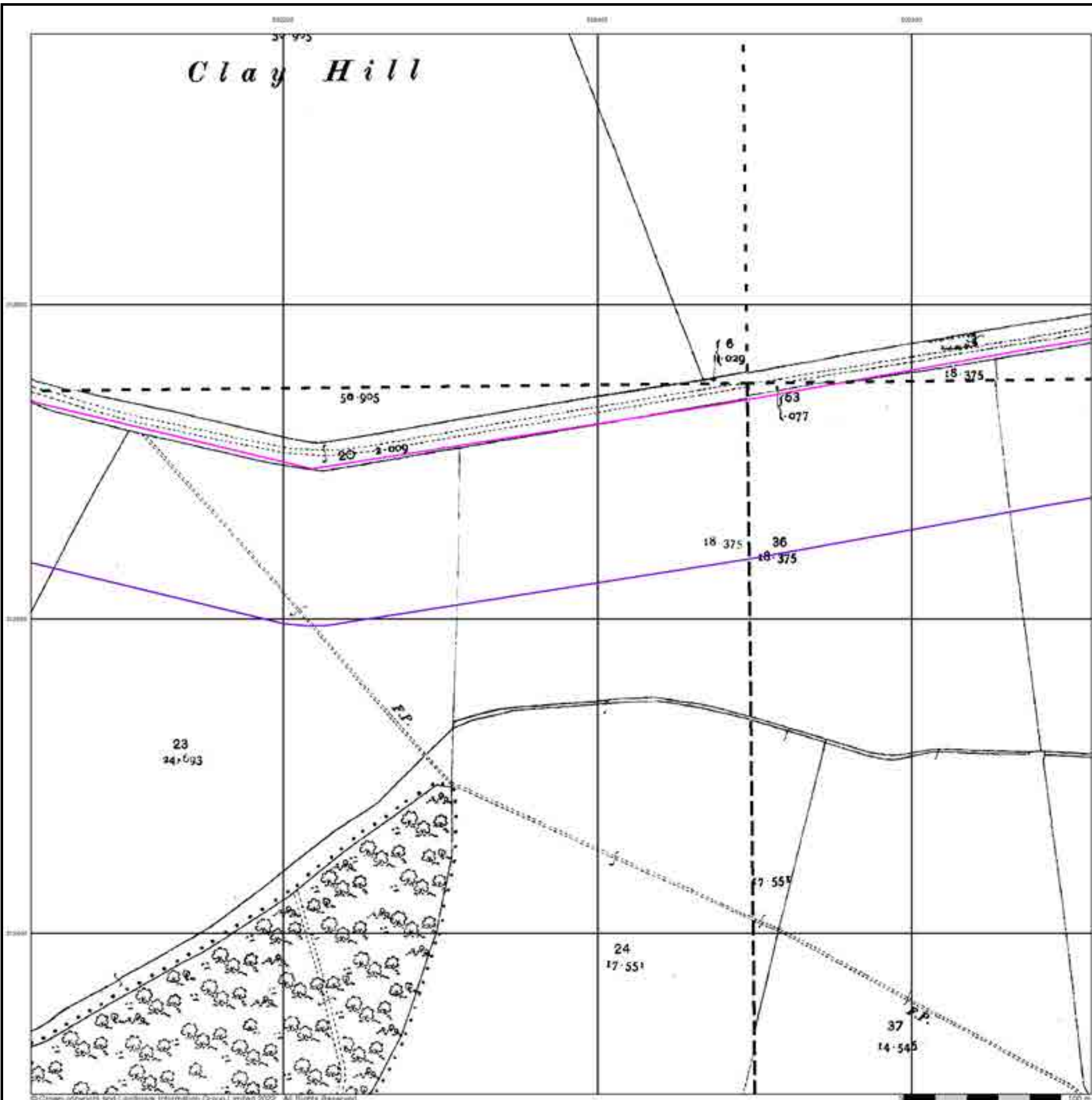


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



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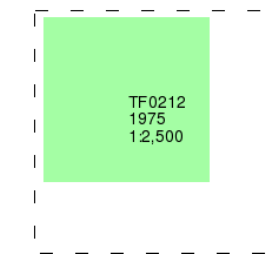
Ordnance Survey Plan

Published 1975

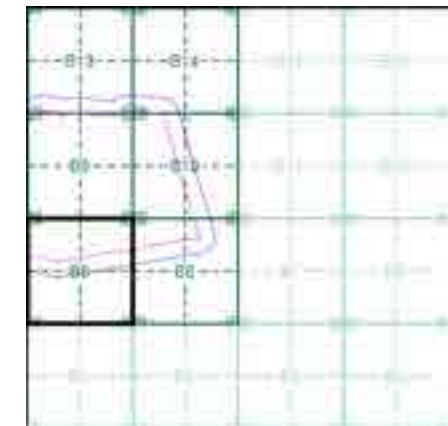
Source map scale - 1:2,500

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 B5

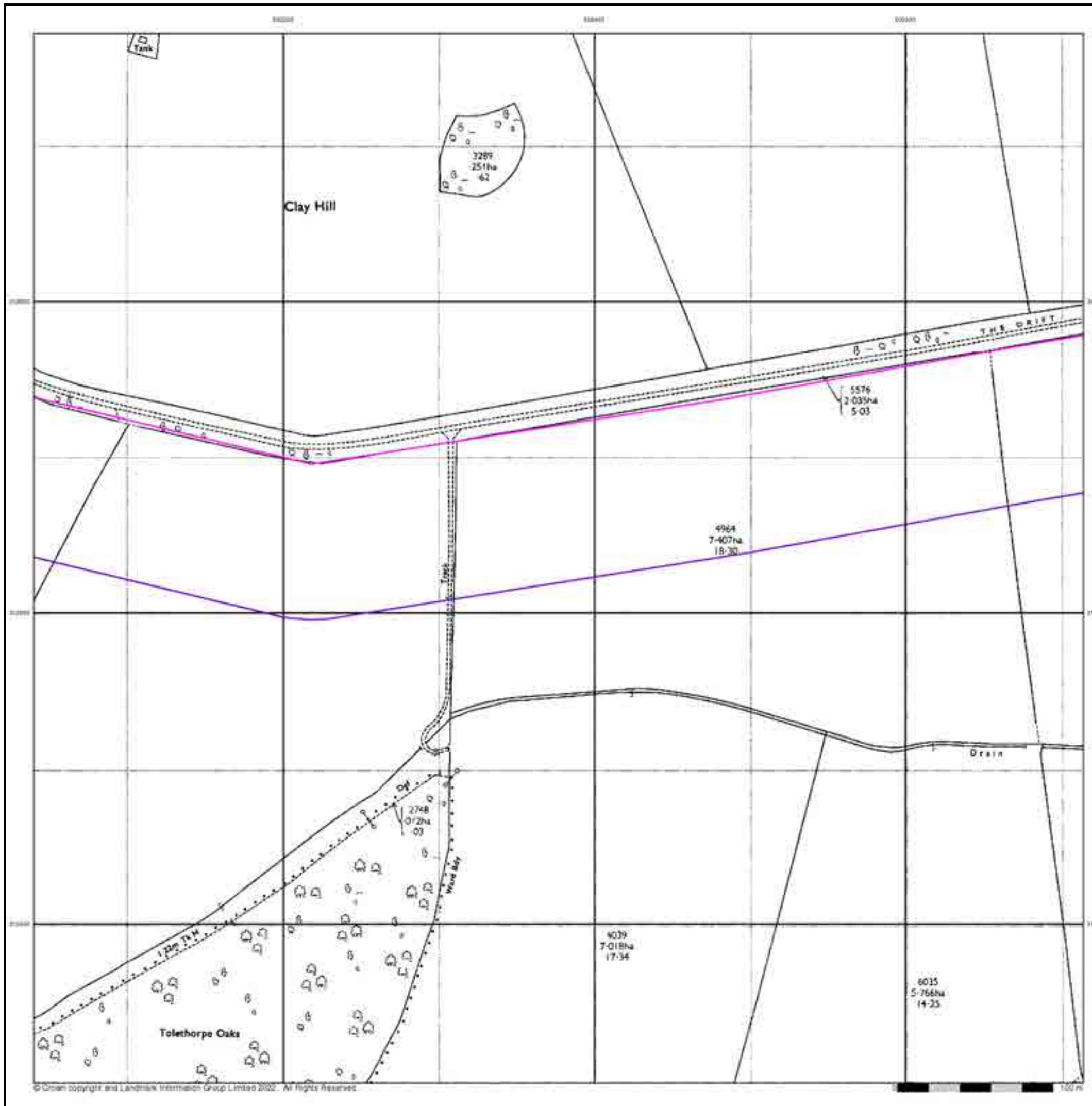


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



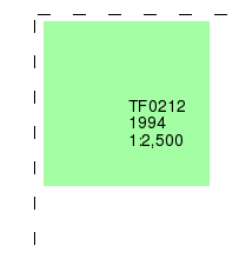
Large-Scale National Grid Data

Published 1994

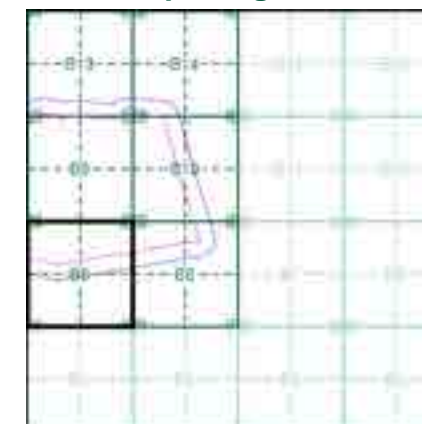
Source map scale - 1:2,500

'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 B5

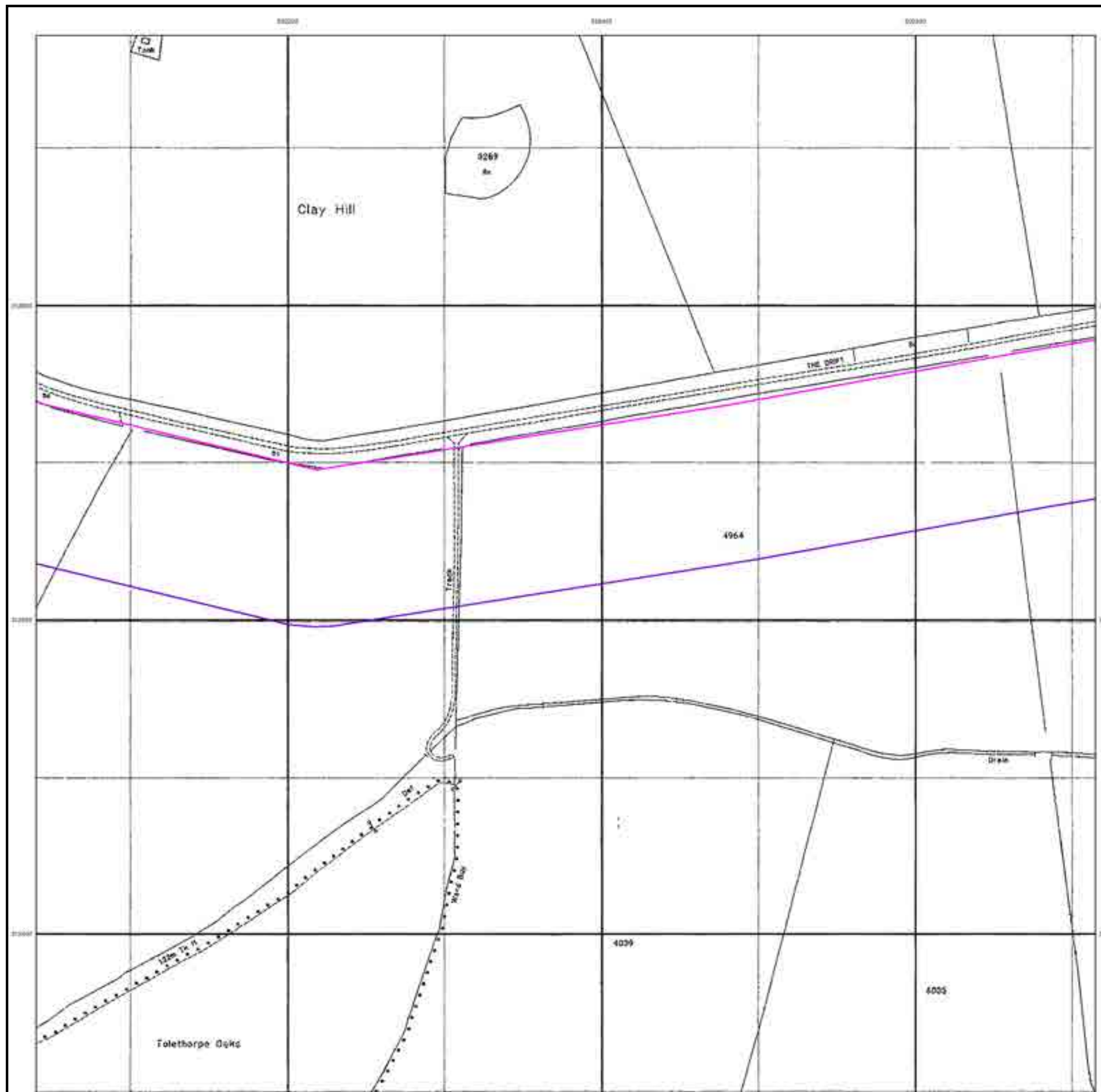


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

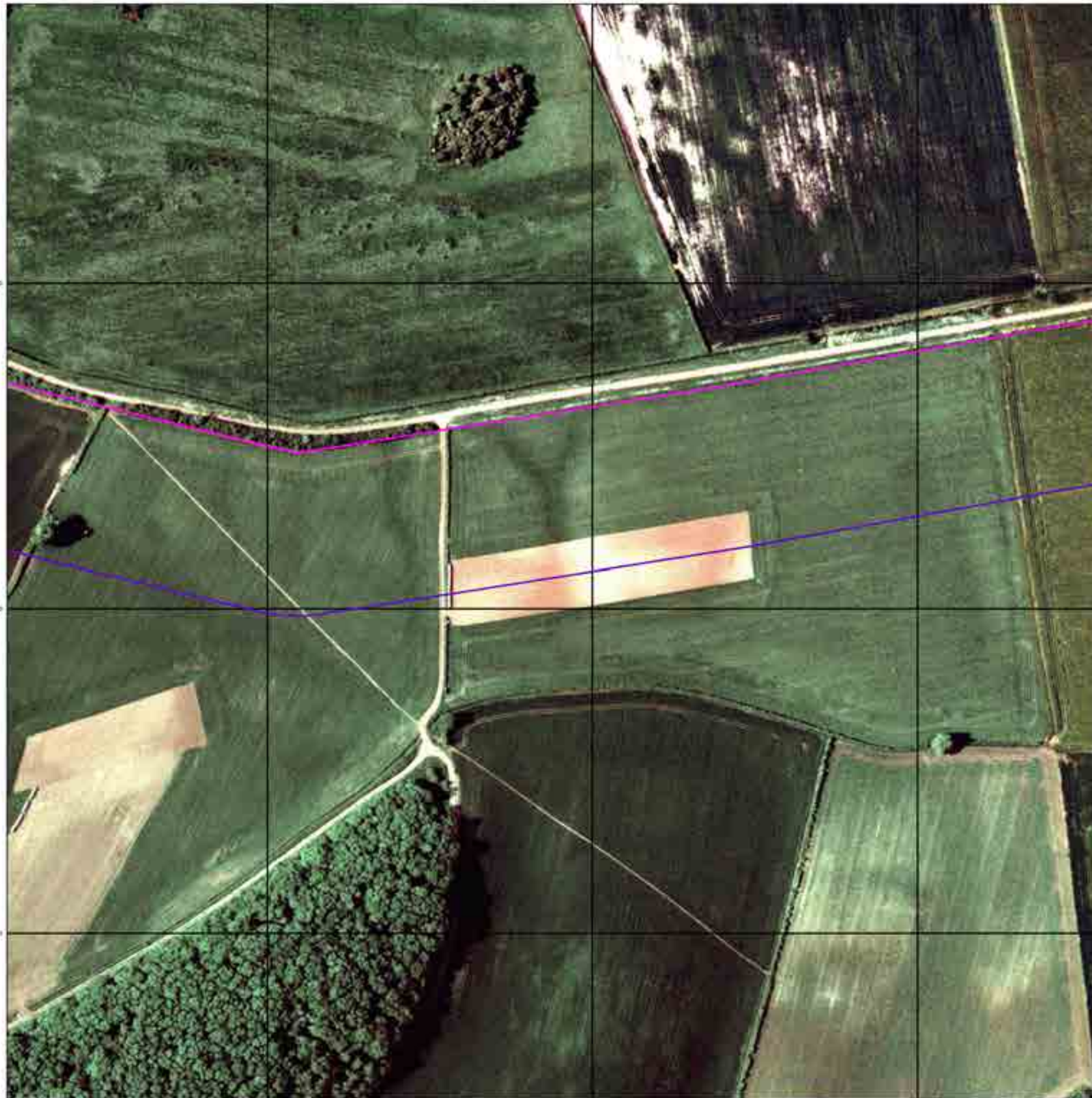
Site at 502039,313310



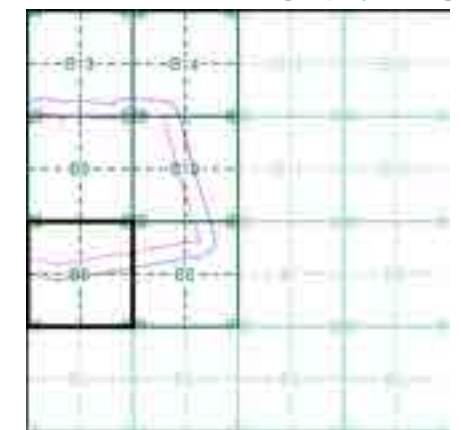
Historical Aerial Photography

Published 1999

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



Historical Aerial Photography - Segment B5



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

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

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

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

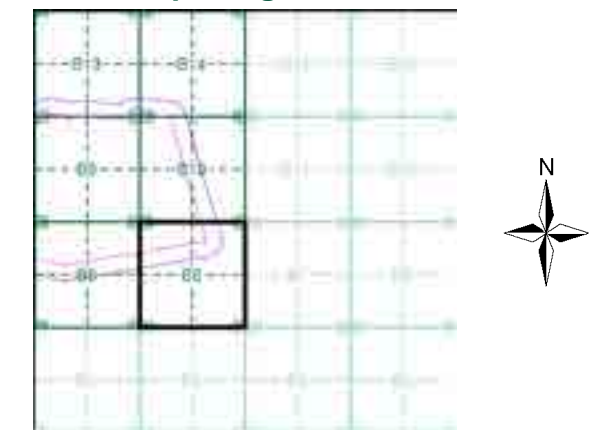
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1886 - 1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	2000	6

Historical Map - Segment B6



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

Rutland

Published 1886 - 1888

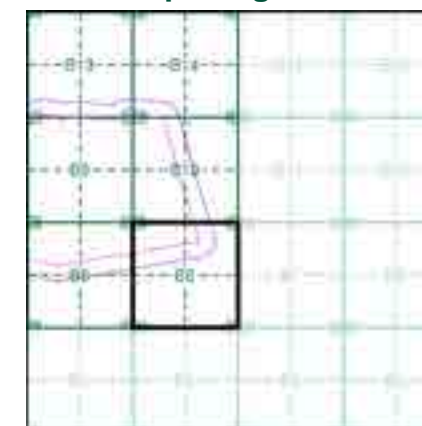
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

007_05
1888
1:2,500
007_09
1886
1:2,500

Historical Map - Segment B6

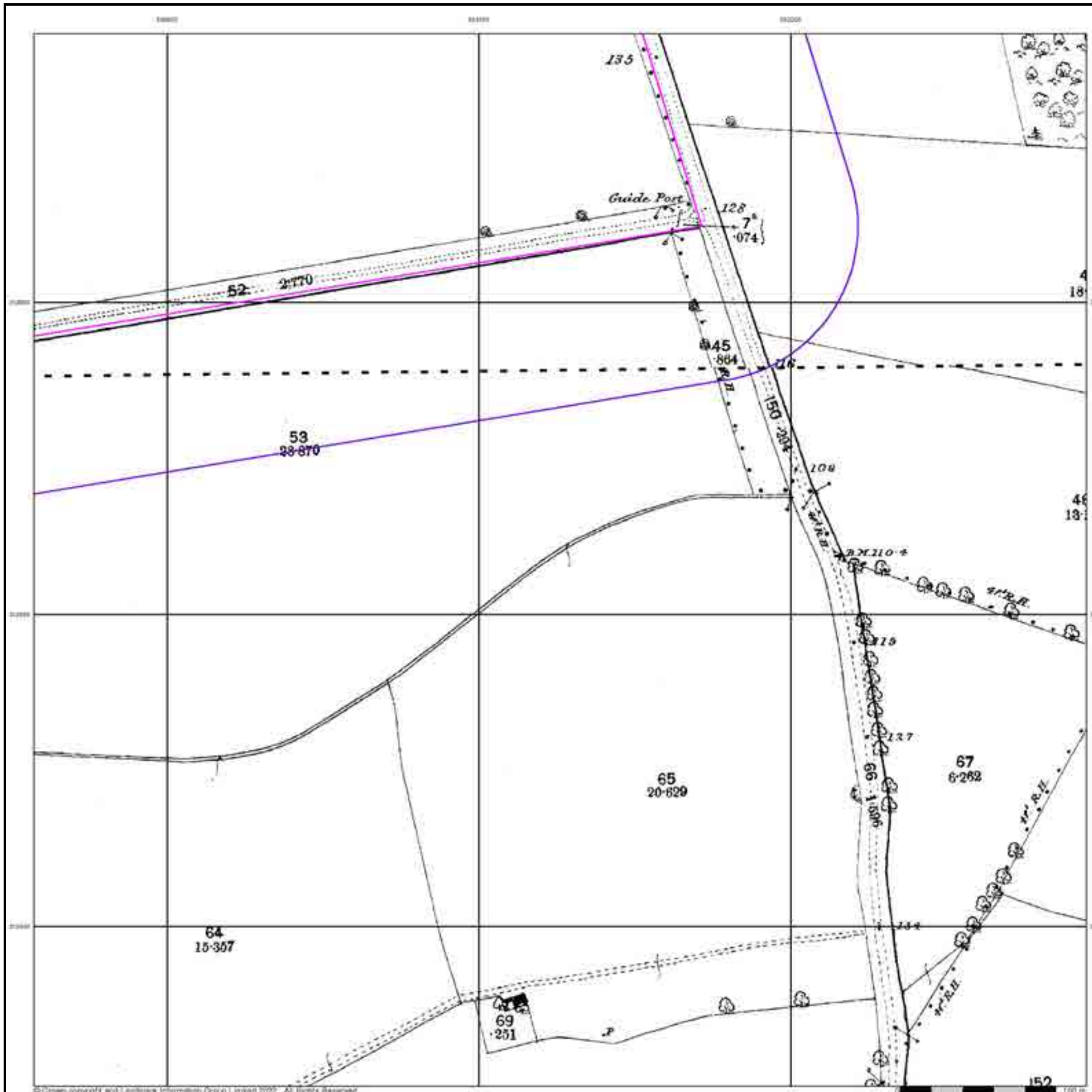


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Rutland

Published 1904

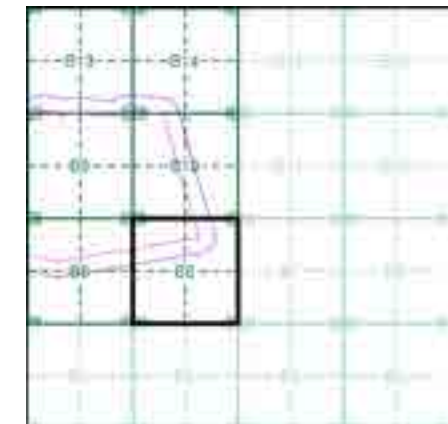
Source map scale - 1:2,500

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)

007_05	1904	1:2,500
007_09	1904	1:2,500

Historical Map - Segment B6

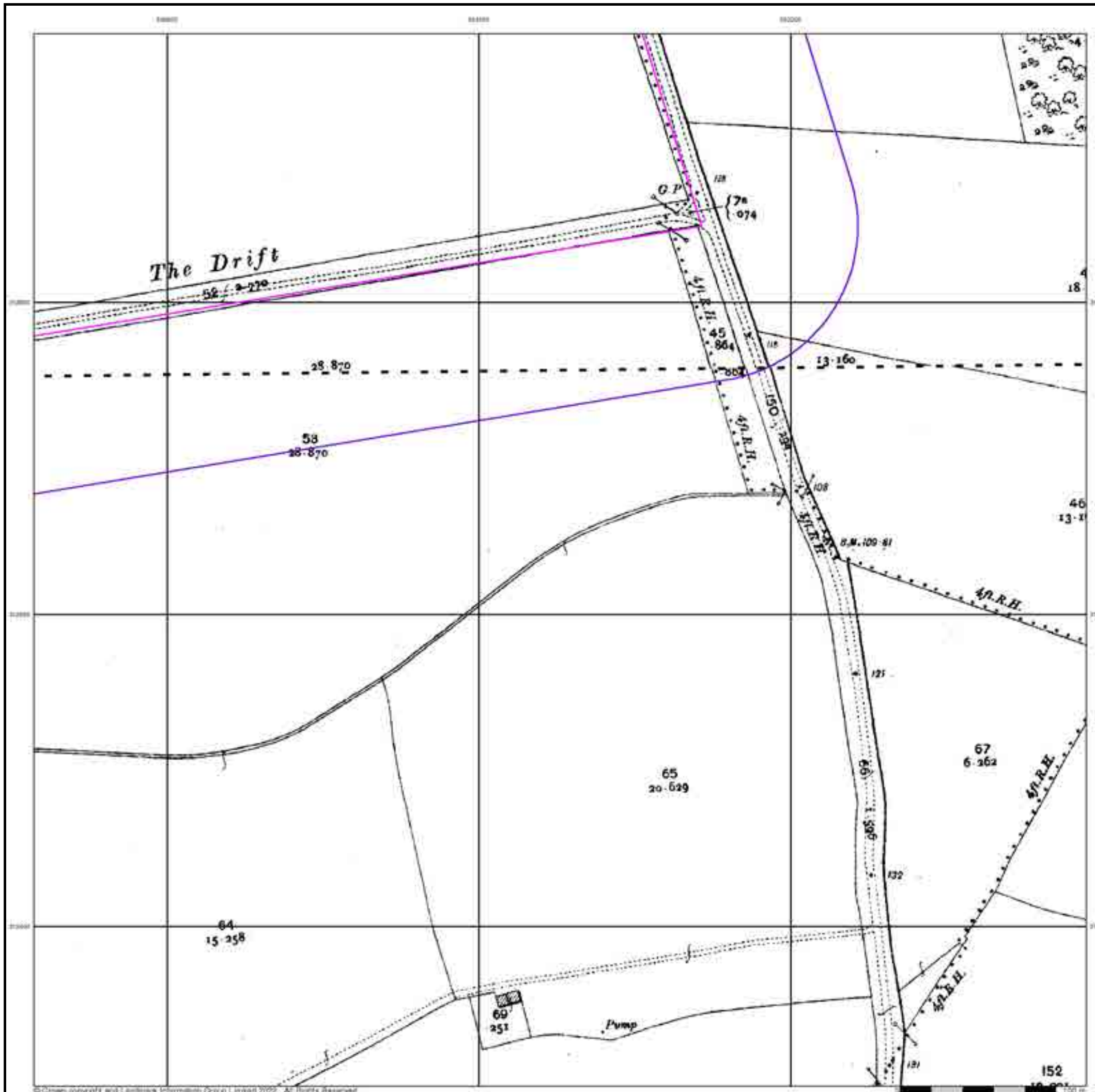


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

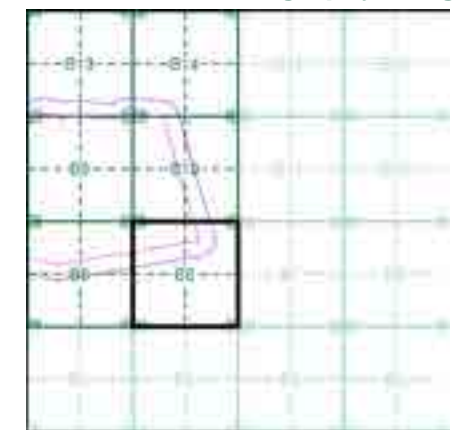
Site at 502039,313310



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 B6



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



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

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

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

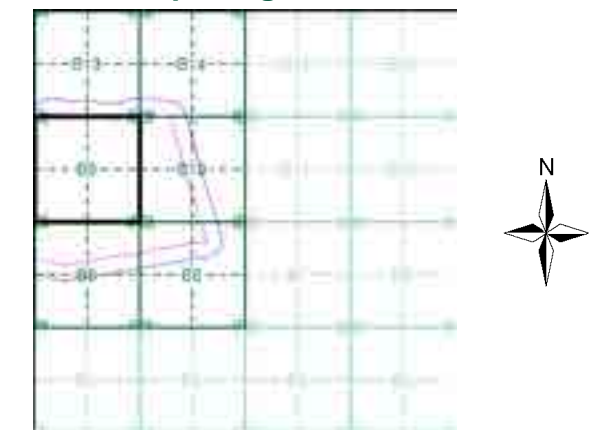
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B9



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

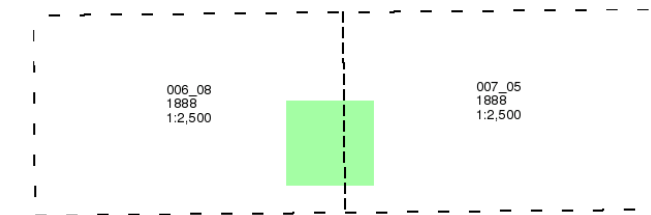
Rutland

Published 1888

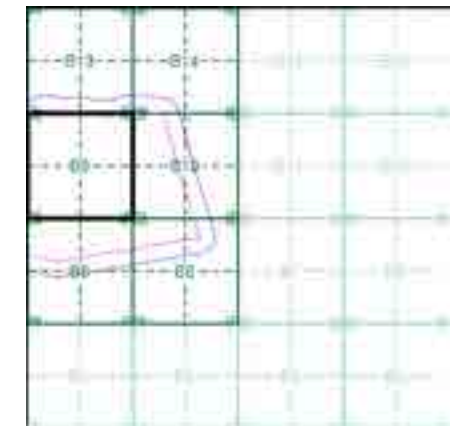
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9

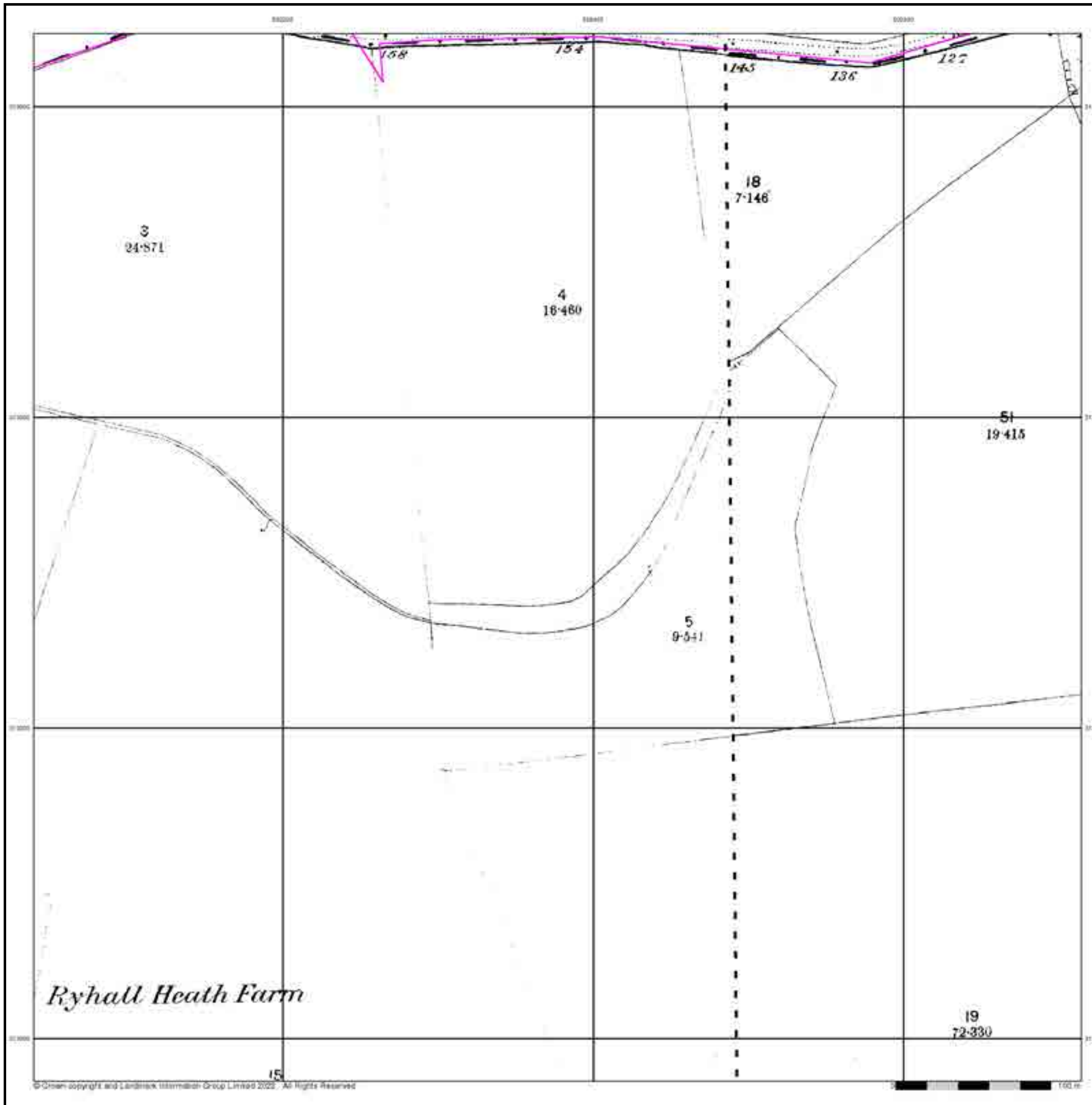


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



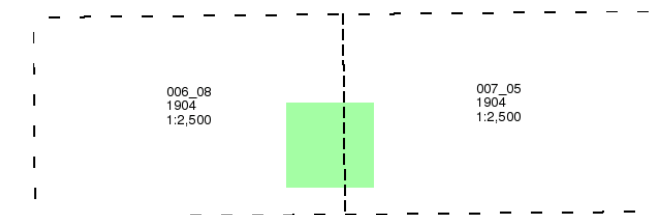
Rutland

Published 1904

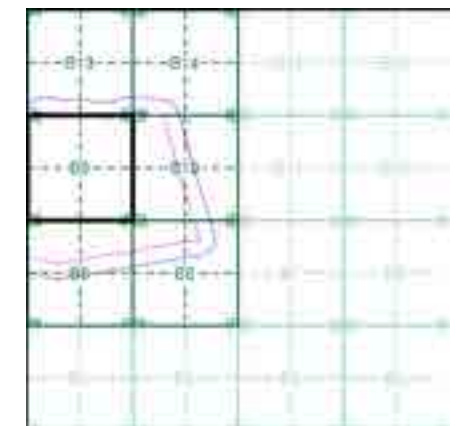
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B9

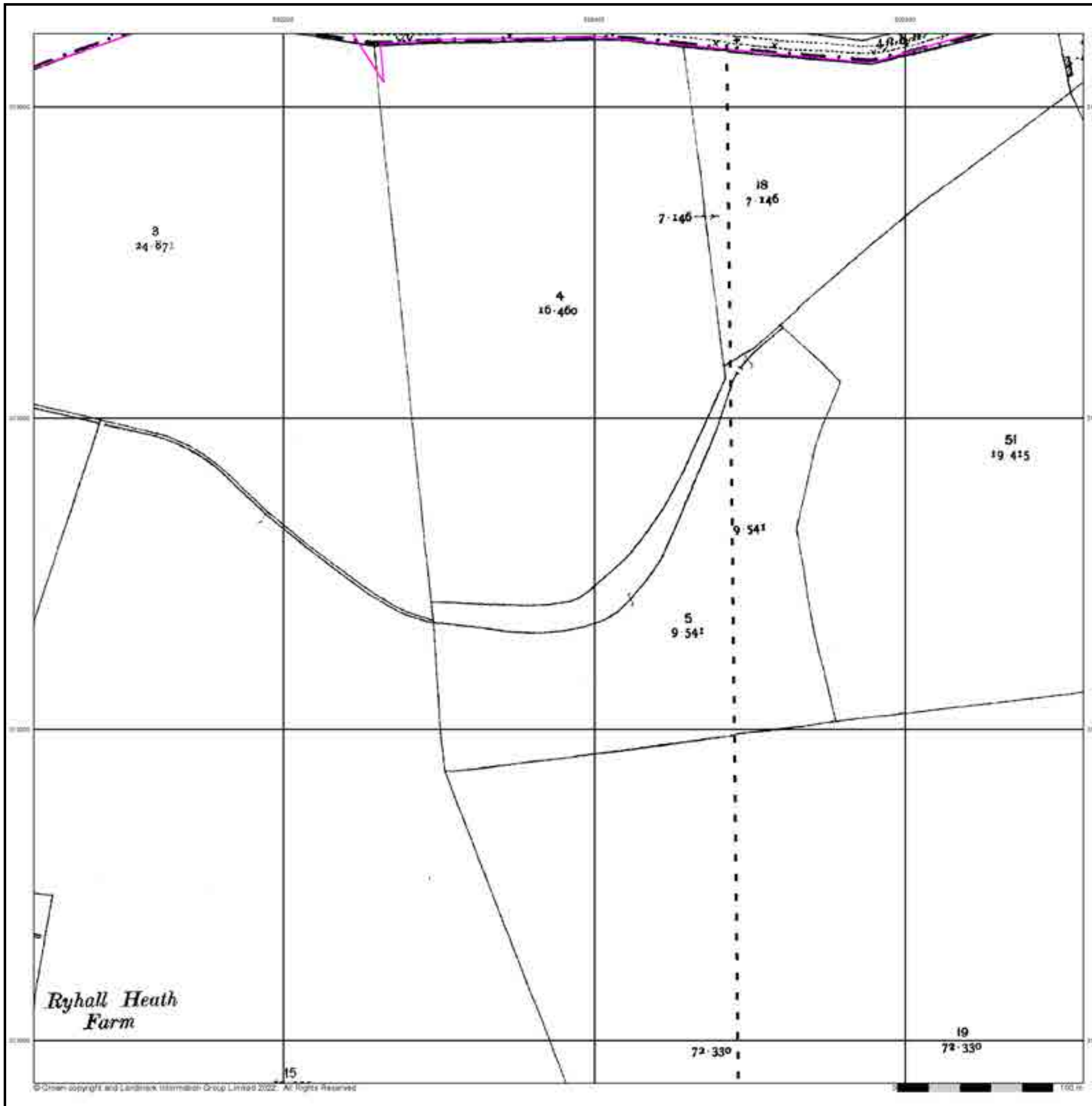


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

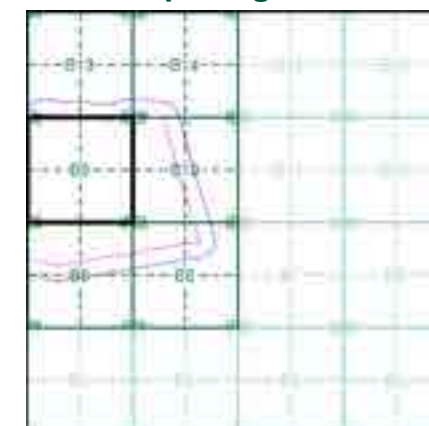
Source map scale - 1:2,500

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)

TF0213
1975
1:2,500
TF0212
1975
1:2,500

Historical Map - Segment B9

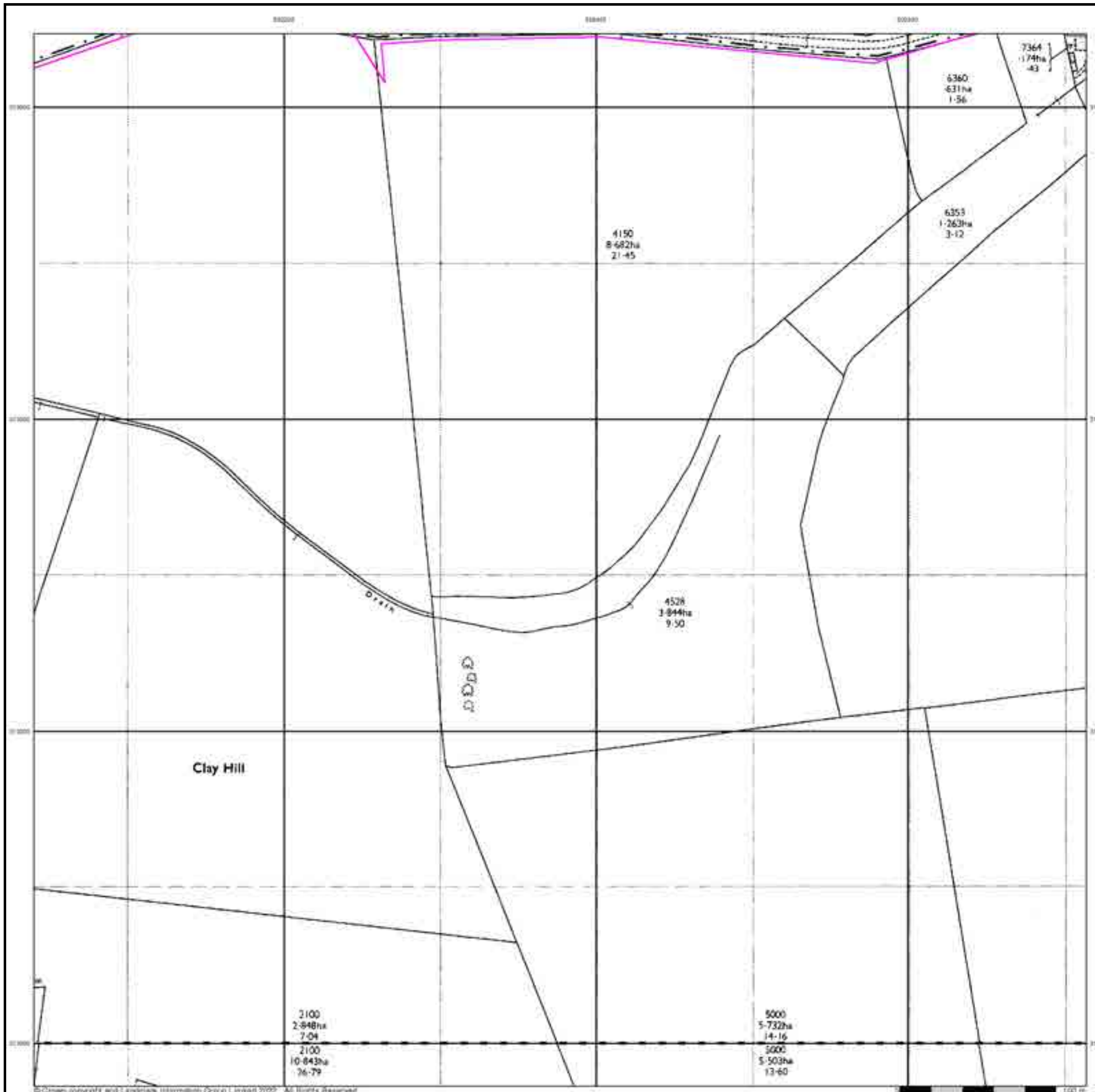


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Large-Scale National Grid Data

Published 1994

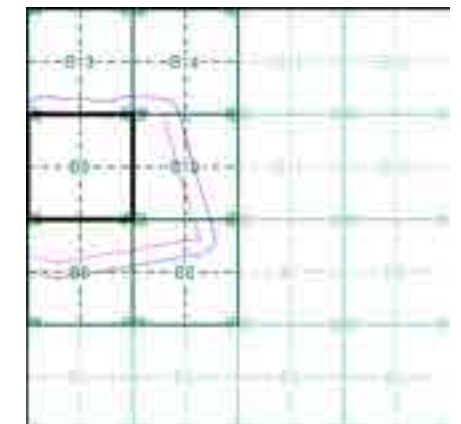
Source map scale - 1:2,500

'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)

TF0213	1994	1:2,500
TF0212	1994	1:2,500

Historical Map - Segment B9

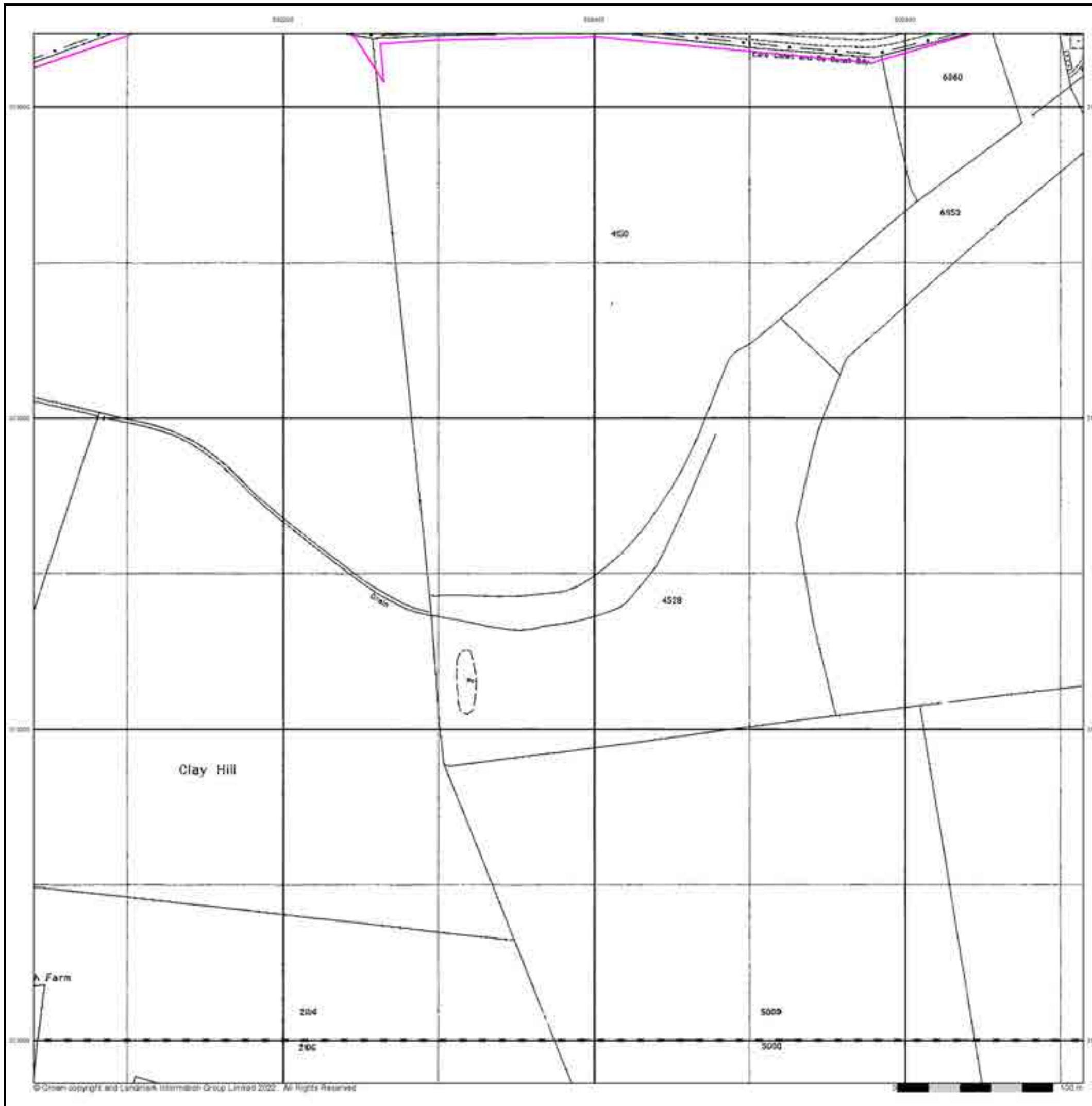


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

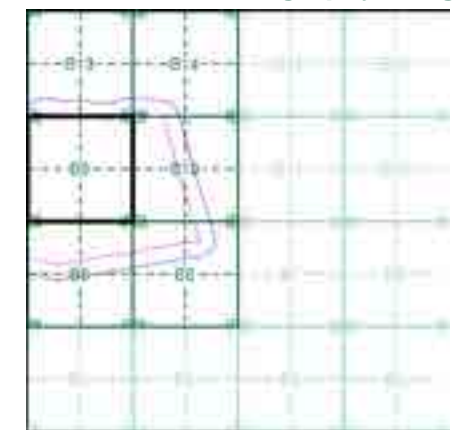
Site at 502039,313310



Historical Aerial Photography
Published 1999

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

Historical Aerial Photography - Segment B9

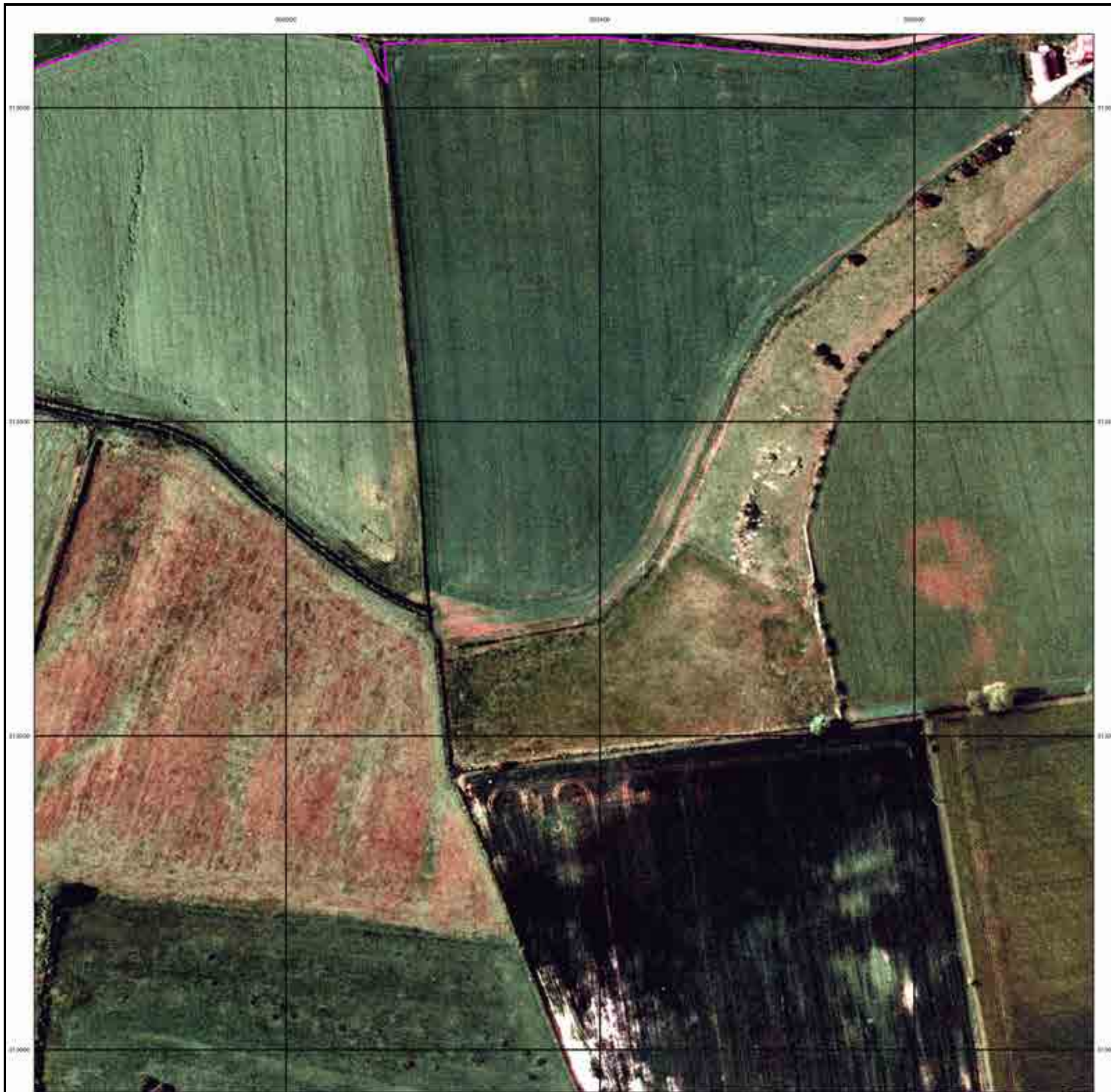


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



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

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

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

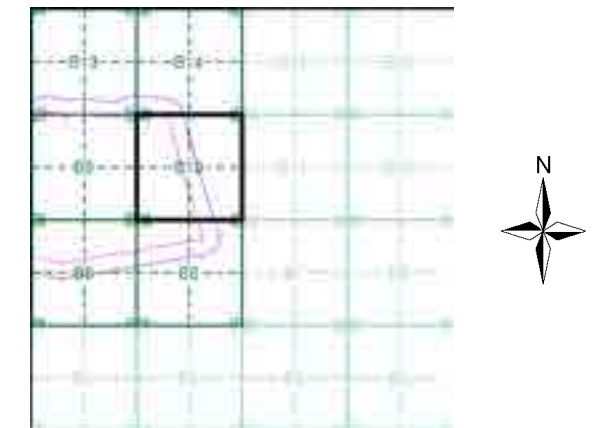
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	2000	6

Historical Map - Segment B10



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

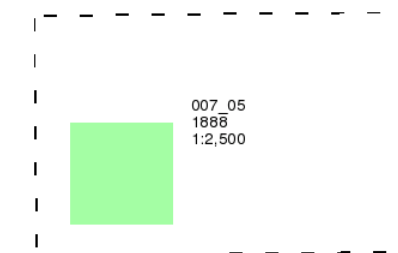
Rutland

Published 1888

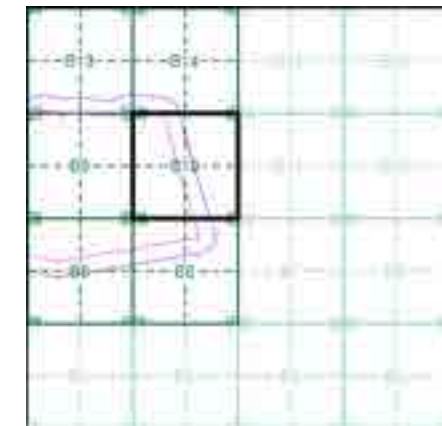
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10

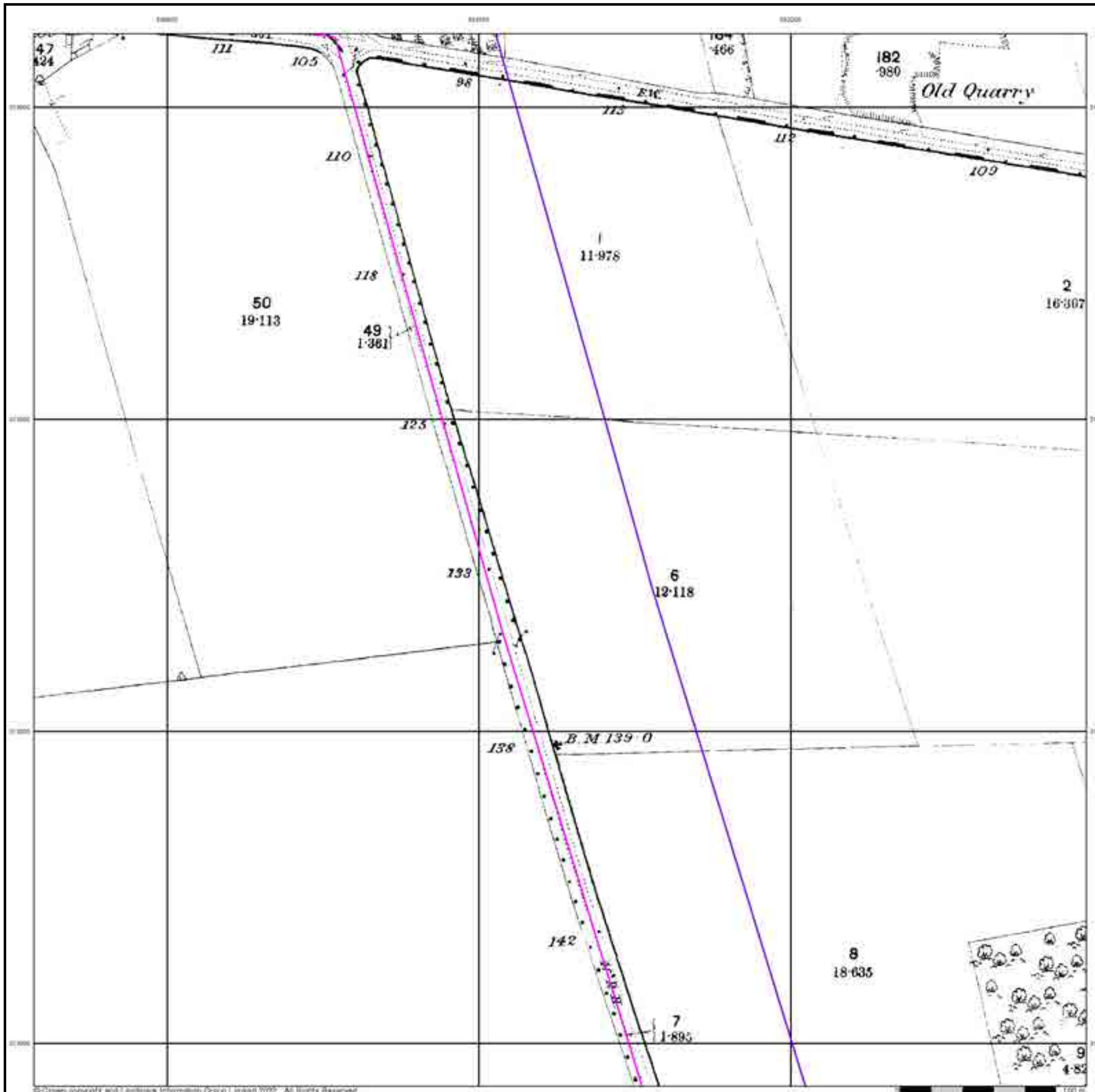


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



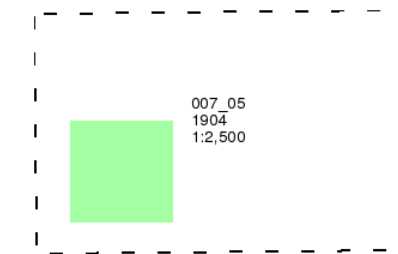
Rutland

Published 1904

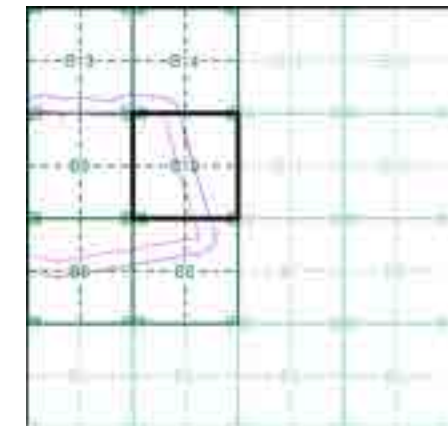
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B10

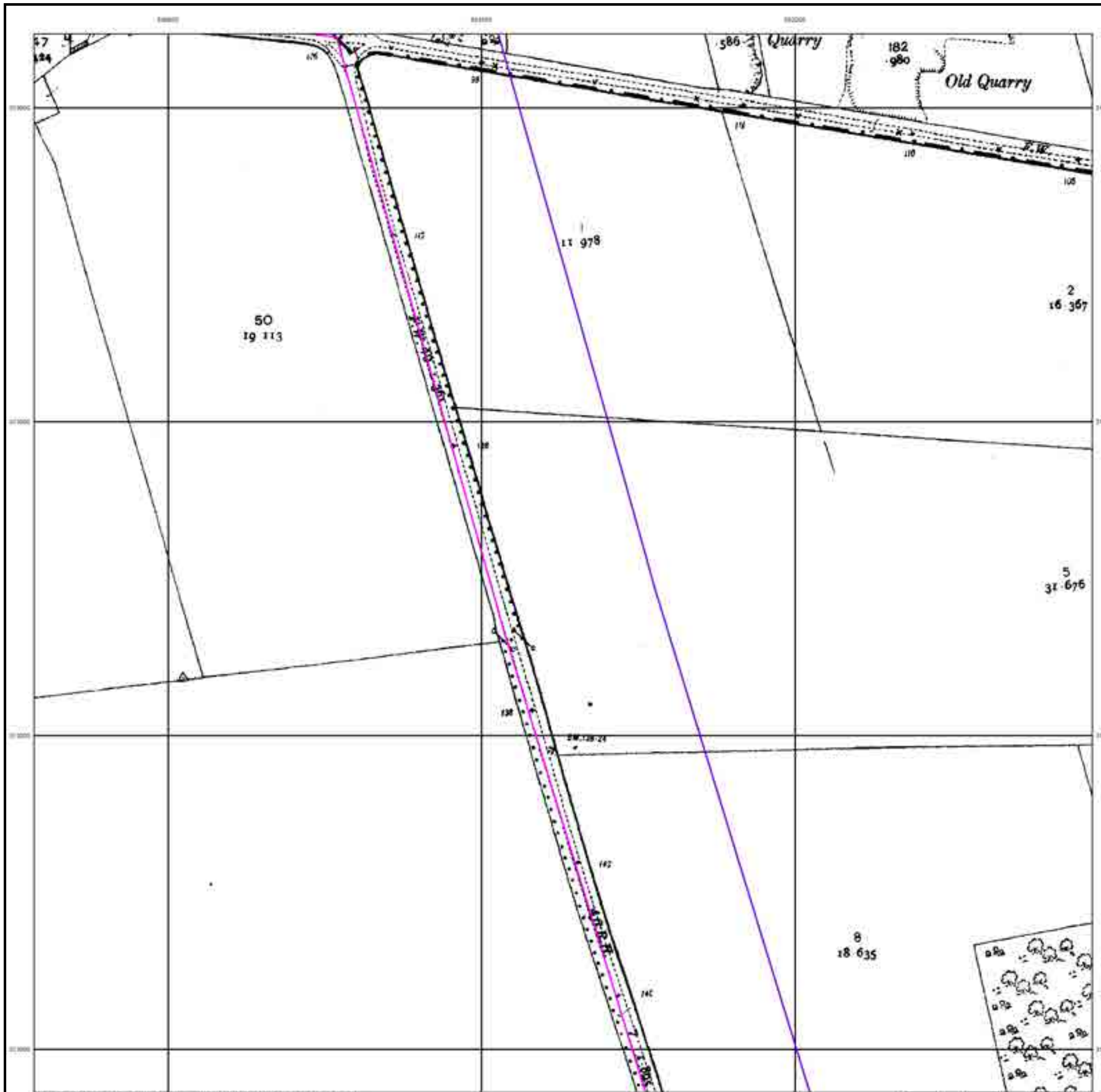


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

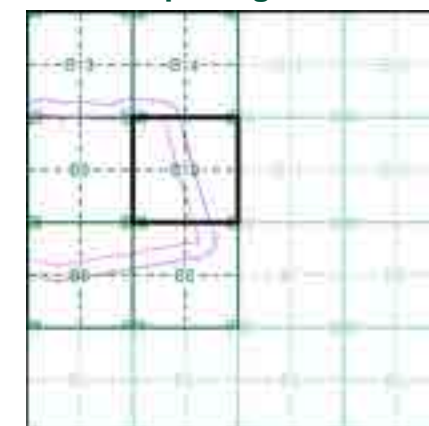
Source map scale - 1:2,500

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)

TF0213 1975 1:2,500	TF0313 1975 1:2,500
TF0212 1975 1:2,500	TF0312 1975 1:2,500

Historical Map - Segment B10

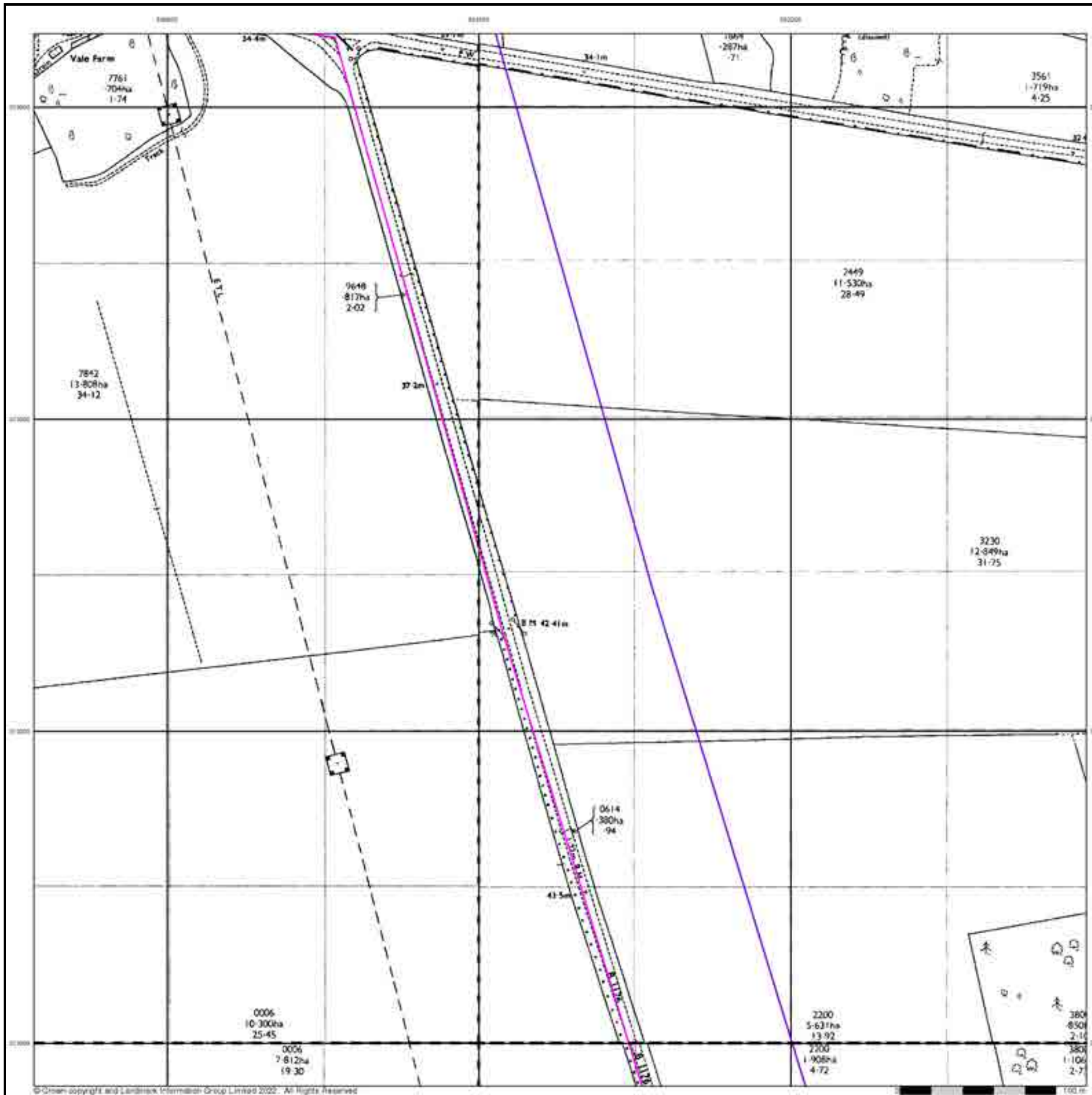


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Large-Scale National Grid Data

Published 1994

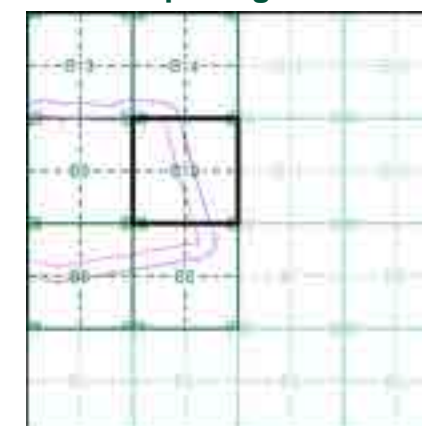
Source map scale - 1:2,500

'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)

TF0213 1994 1:2,500	TF0313 1994 1:2,500
TF0212 1994 1:2,500	TF0312 1994 1:2,500

Historical Map - Segment B10

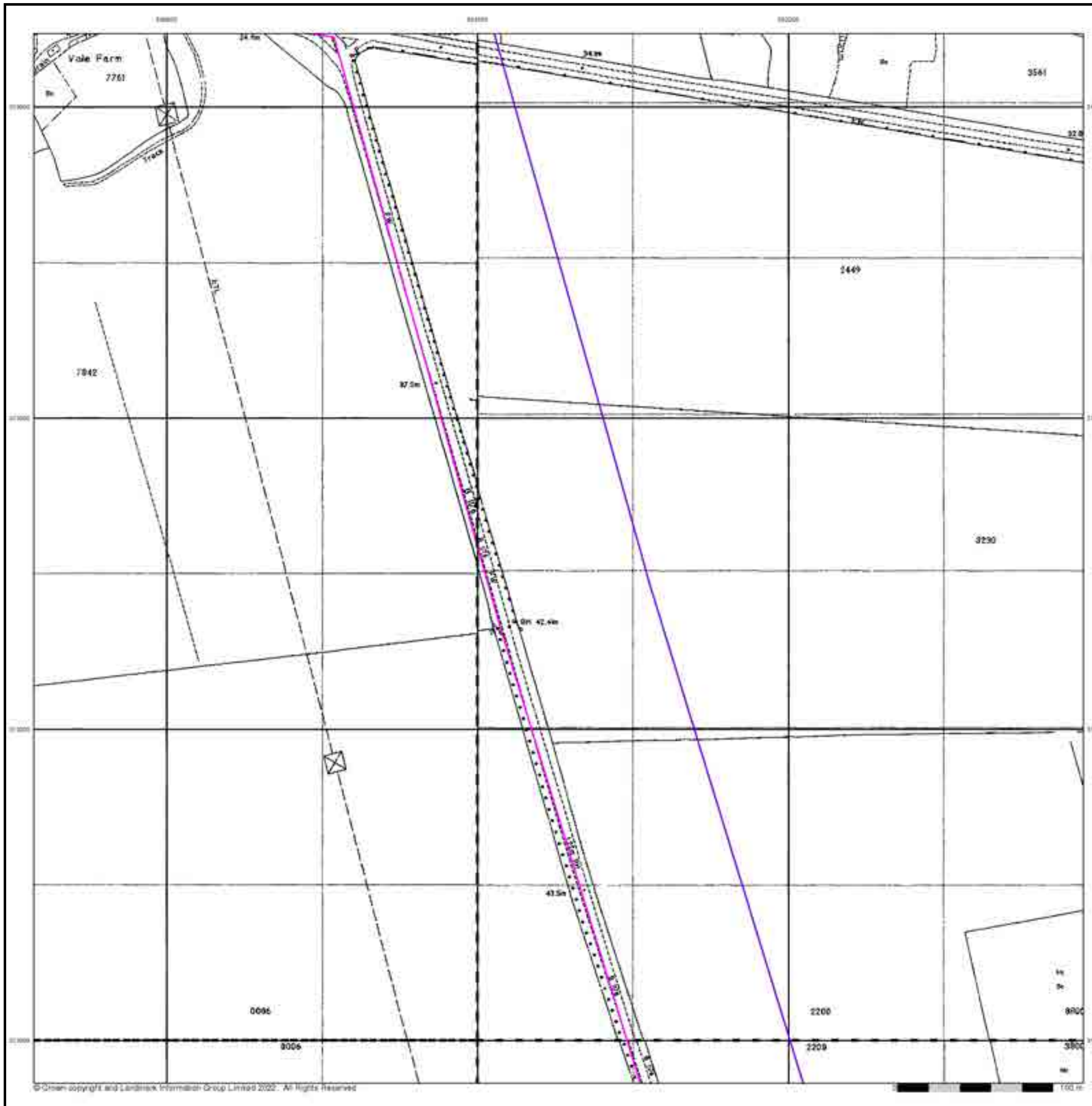


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

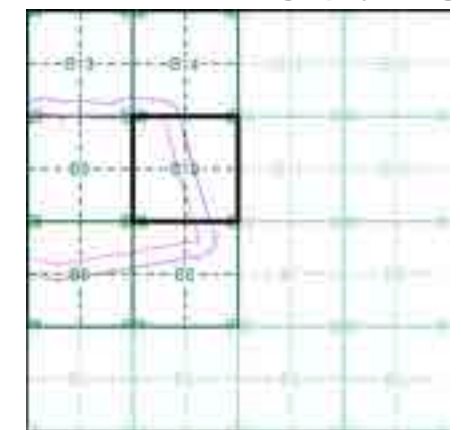
Site at 502039,313310



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 B10



Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 502990, 313050
Slice: B
Site Area (Ha): 162.75
Search Buffer (m): 100

Site Details

Site at 502039,313310



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

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

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

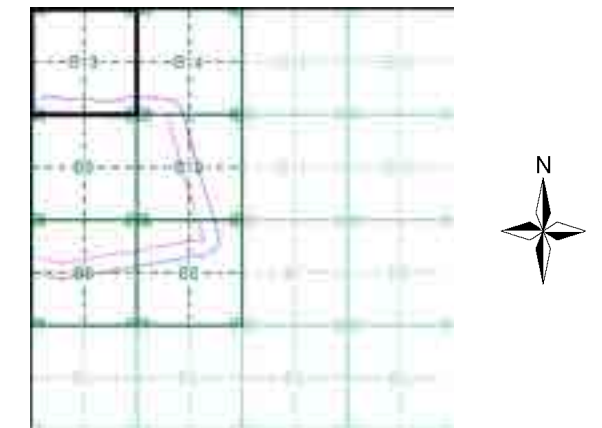
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks **Barracks** **P** **Pillar, Pole or Post**
Bty **Battery** **PO** **Post Office**
Cemy **Cemetery** **PC** **Public Convenience**
Chy **Chimney** **Pp** **Pump**
Cis **Cistern** **Ppg Sta** **Pumping Station**
Dismtd Rly **Dismantled Railway** **PW** **Place of Worship**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI Sub Sta **Electricity Sub Station** **SP, SL** **Signal Post or Light**
FB **Filter Bed** **Spr** **Spring**
Fn / D Fn **Fountain / Drinking Ftn.** **Tk** **Tank or Track**
Gas Gov **Gas Valve Compound** **Tr** **Trough**
GVC **Gas Governor** **Wd Pp** **Wind Pump**
GP **Guide Post** **Wr Pt, Wr T** **Water Point, Water Tap**
MH **Manhole** **Wks** **Works (building or area)**
MP, MS **Mile Post or Mile Stone** **W** **Well**

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	1999	6

Historical Map - Segment B13



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

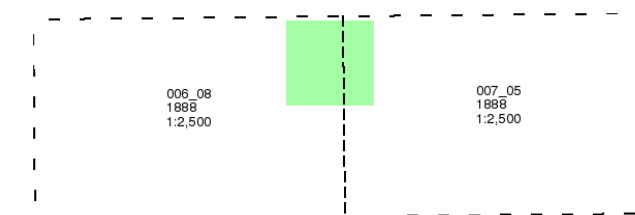
Rutland

Published 1888

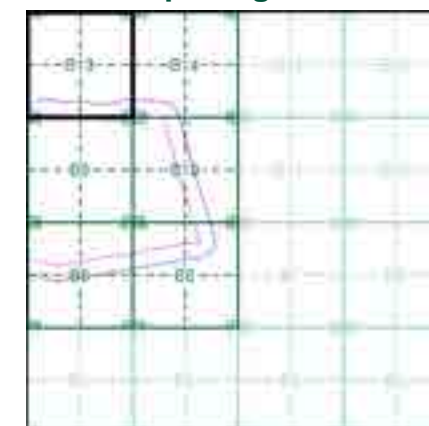
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B13

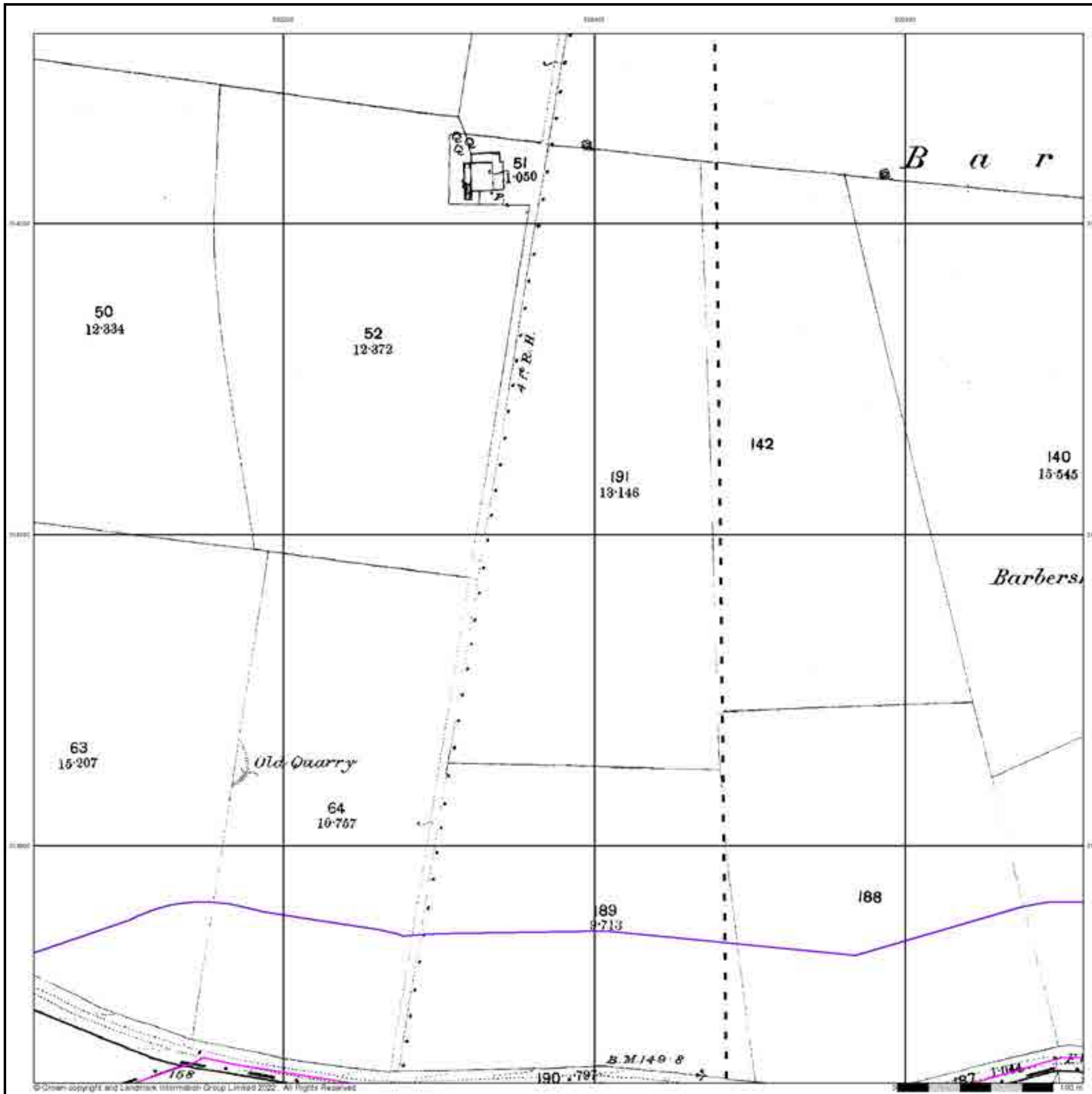


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



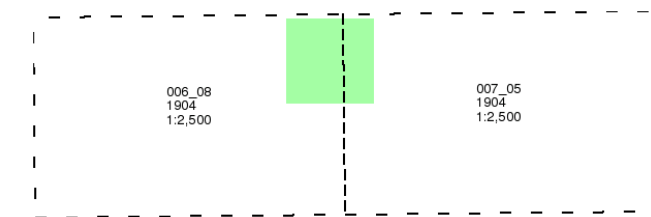
Rutland

Published 1904

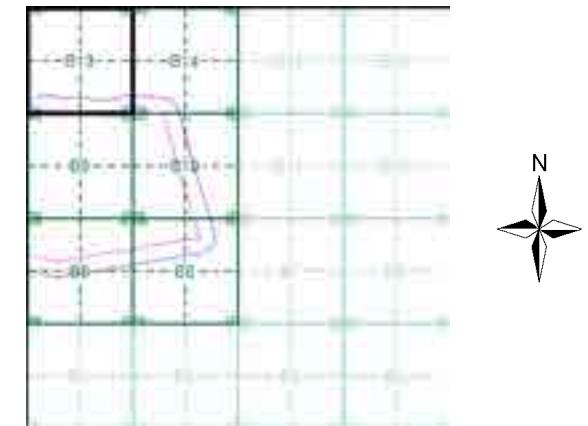
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B13

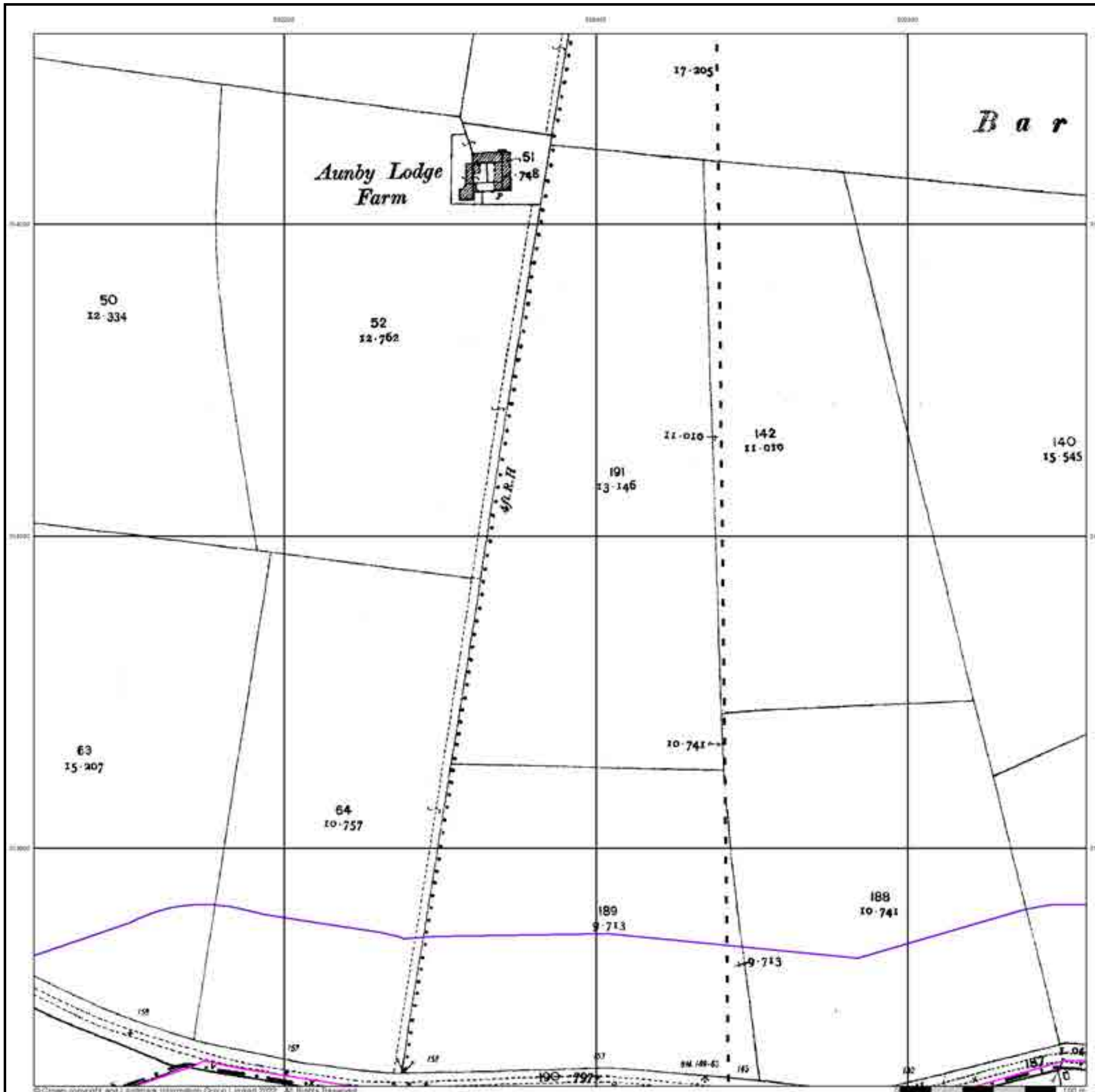


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

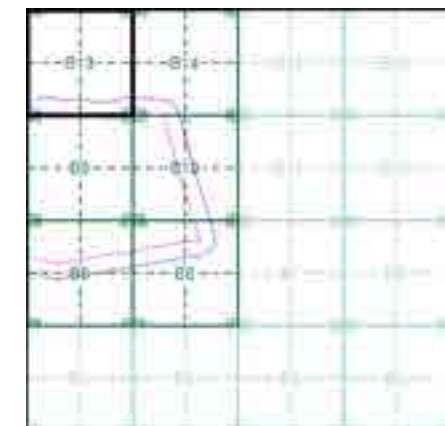
Source map scale - 1:2,500

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)

TF0214
1975
1:2,500
TF0213
1975
1:2,500

Historical Map - Segment B13

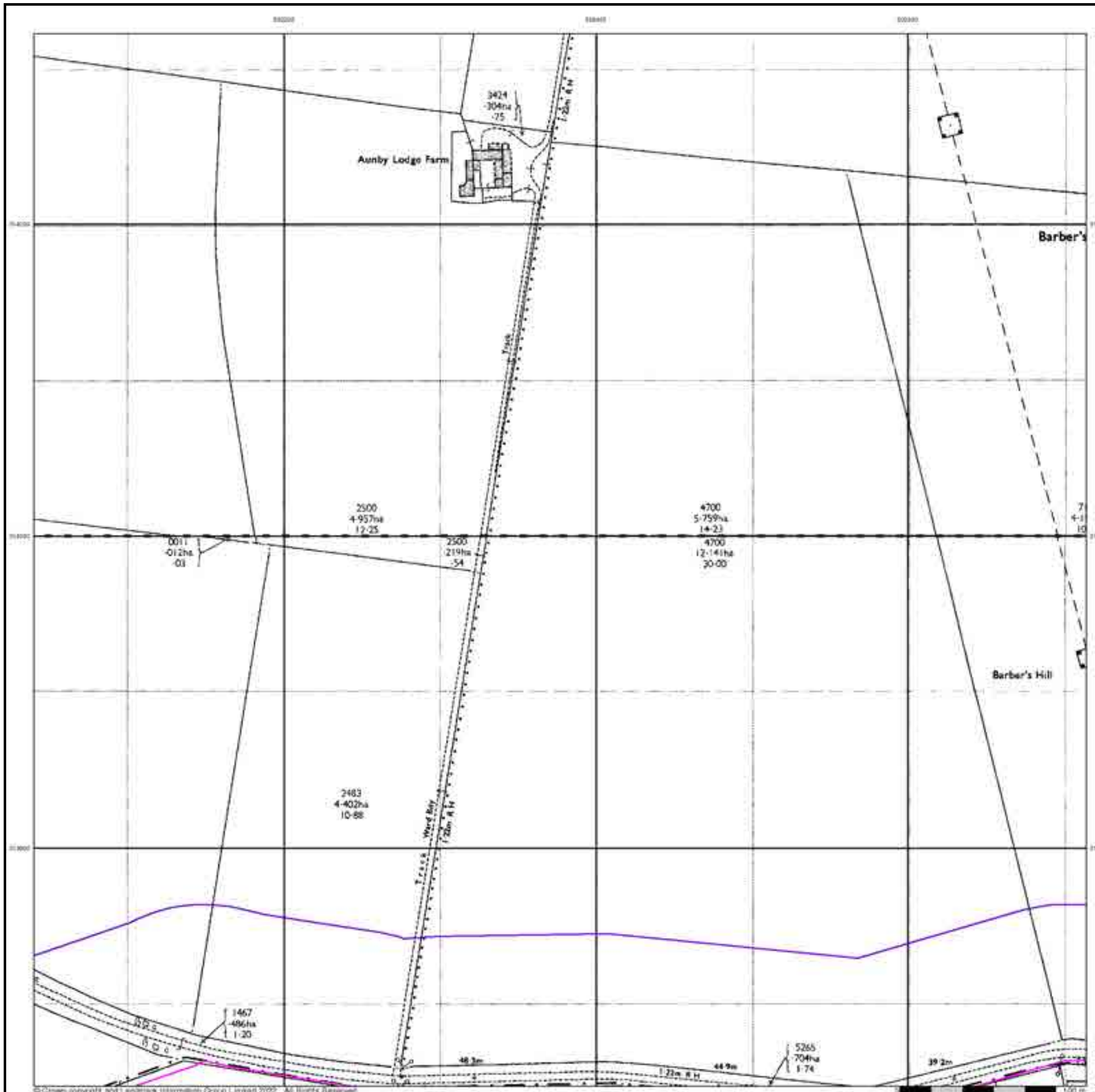


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Large-Scale National Grid Data

Published 1994

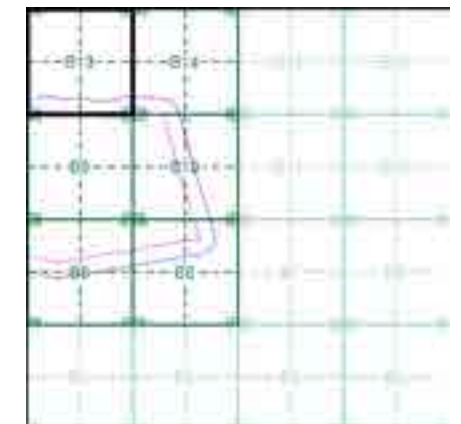
Source map scale - 1:2,500

'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)

TF0214	1994	1:2,500
TF0213	1994	1:2,500

Historical Map - Segment B13



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

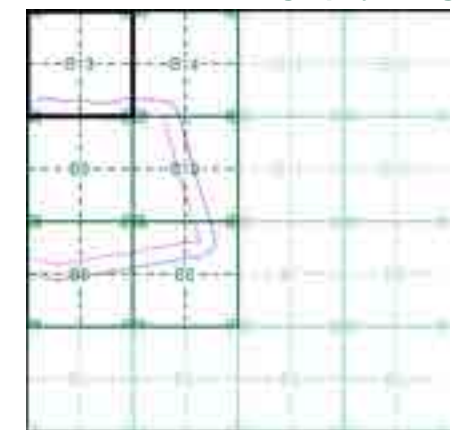


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment B13



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



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)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

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

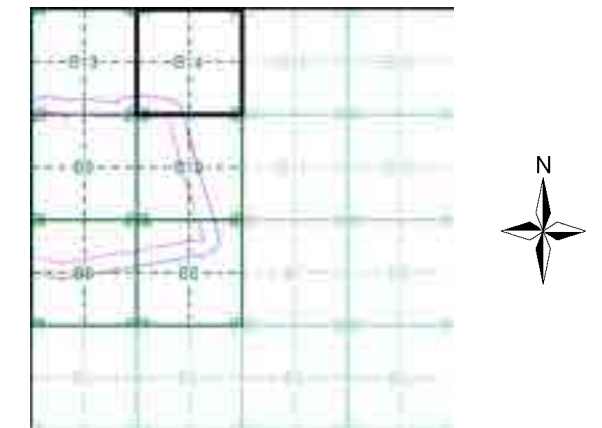
Large-Scale National Grid Data 1:2,500 and 1:1,250

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**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
BM 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Rutland	1:2,500	1888	2
Rutland	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5
Historical Aerial Photography	1:2,500	2000	6

Historical Map - Segment B14



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

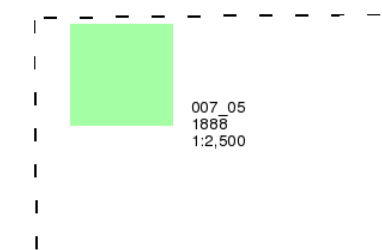
Rutland

Published 1888

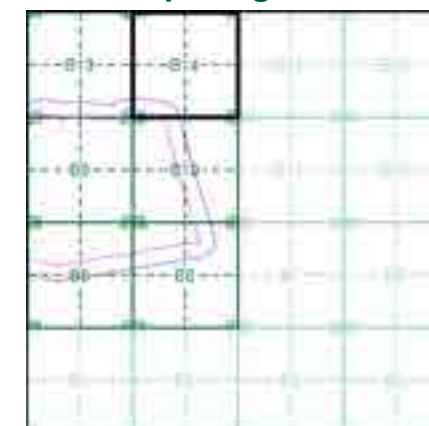
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B14

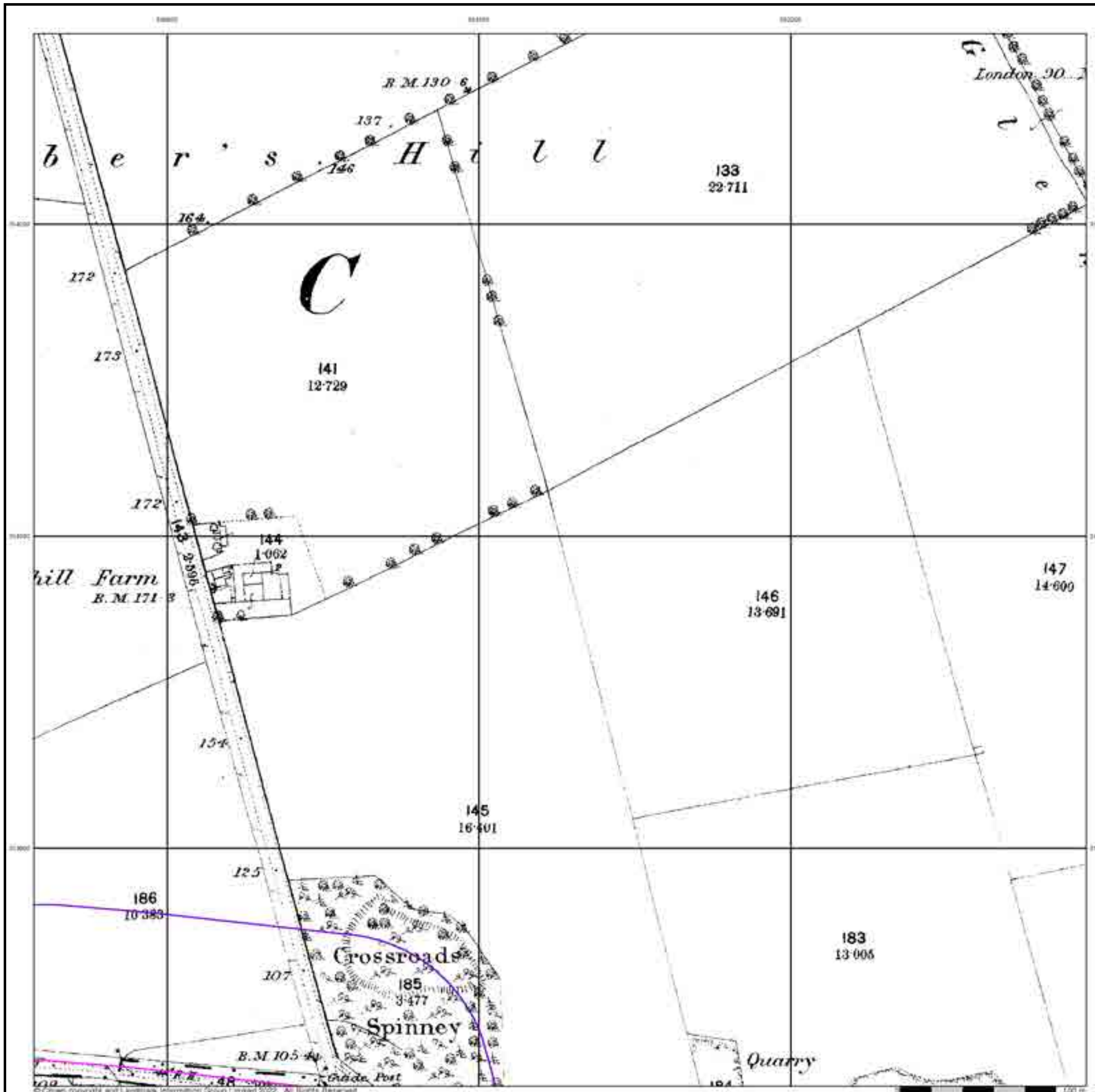


Order Details

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 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



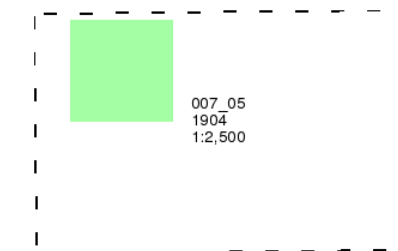
Rutland

Published 1904

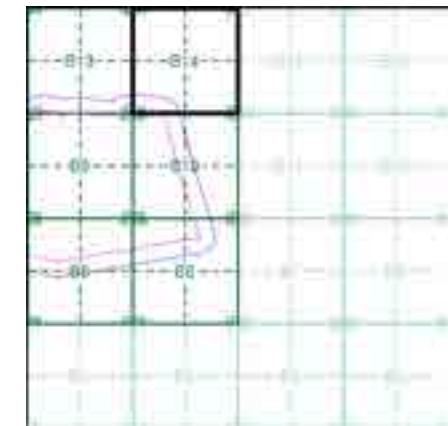
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment B14

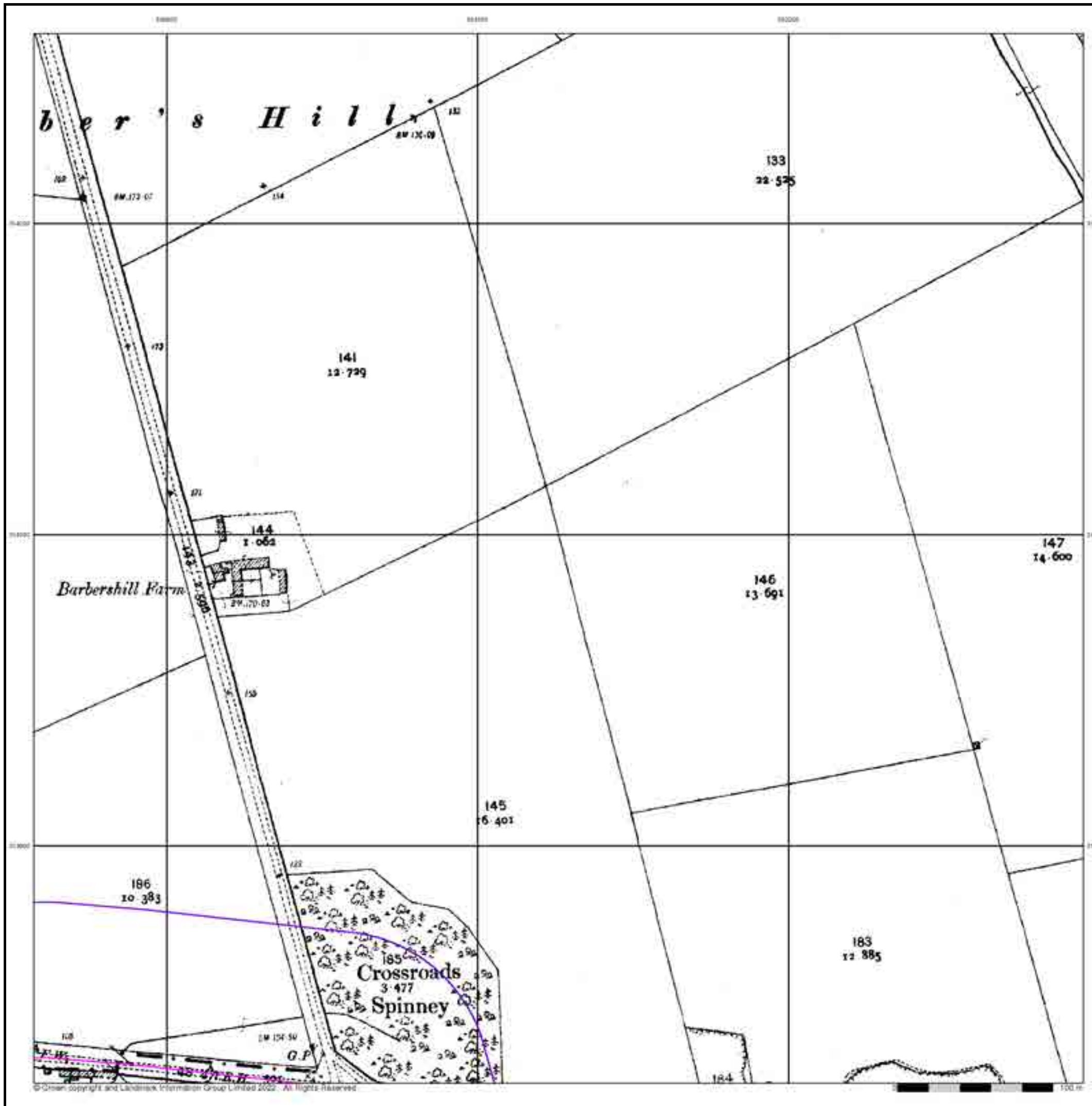


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1975

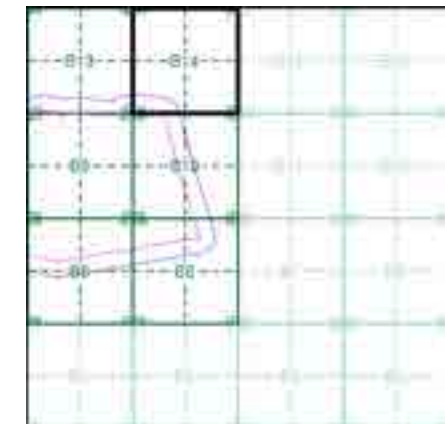
Source map scale - 1:2,500

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)

TF0214 1975 12,500	TF0314 1975 12,500
TF0213 1975 12,500	TF0313 1975 12,500

Historical Map - Segment B14

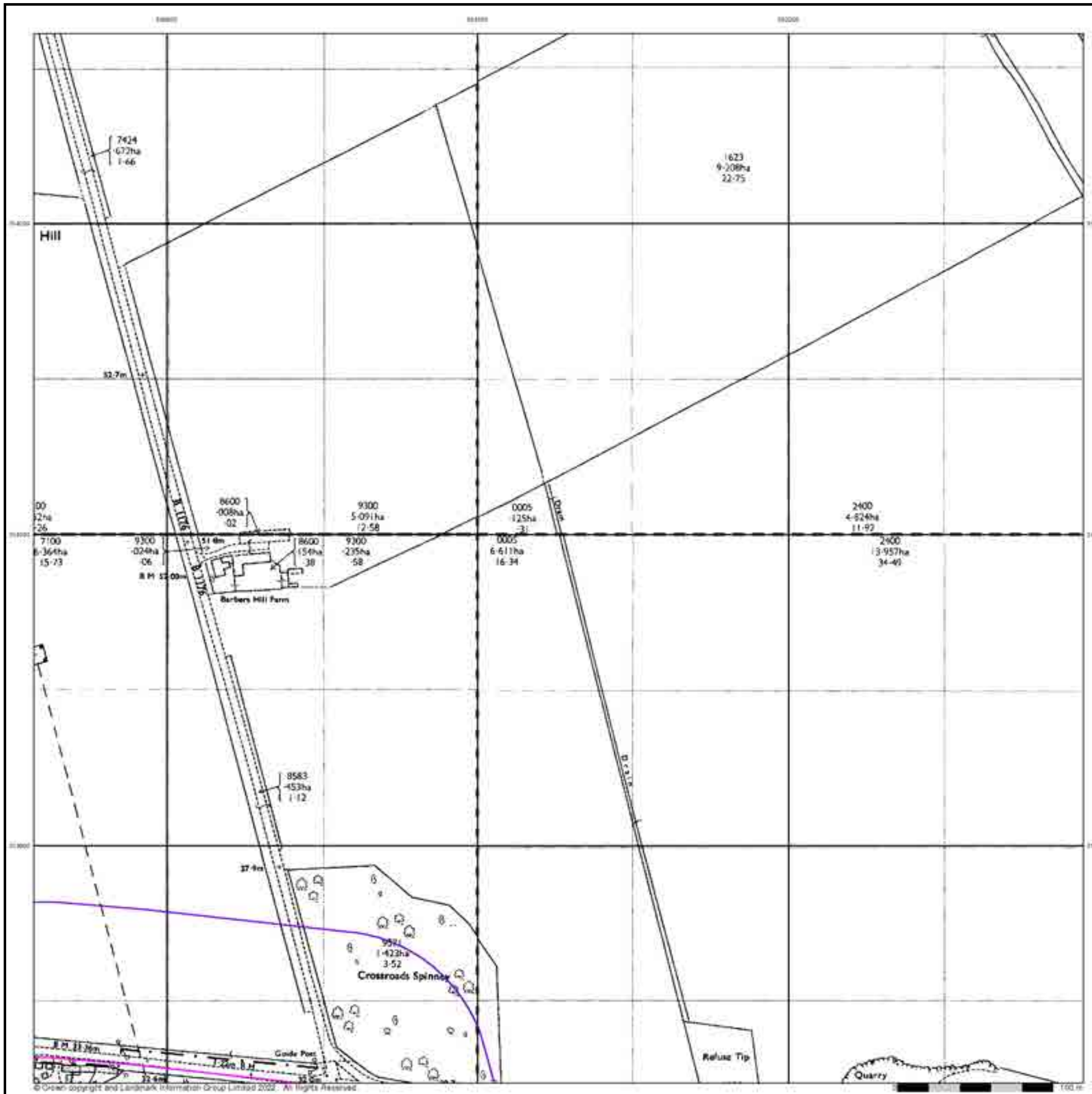


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502990, 313050
 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310



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Large-Scale National Grid Data

Published 1994

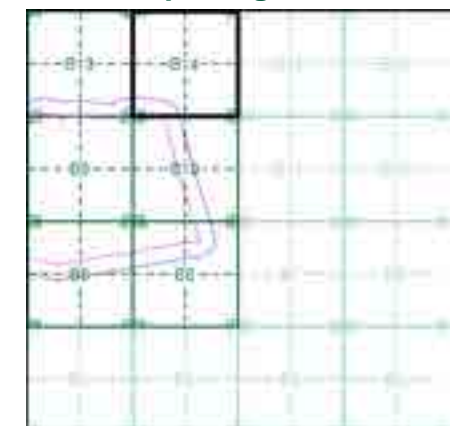
Source map scale - 1:2,500

'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)

TF0214 1994 1:2,500	TF0314 1994 1:2,500
TF0213 1994 1:2,500	TF0313 1994 1:2,500

Historical Map - Segment B14

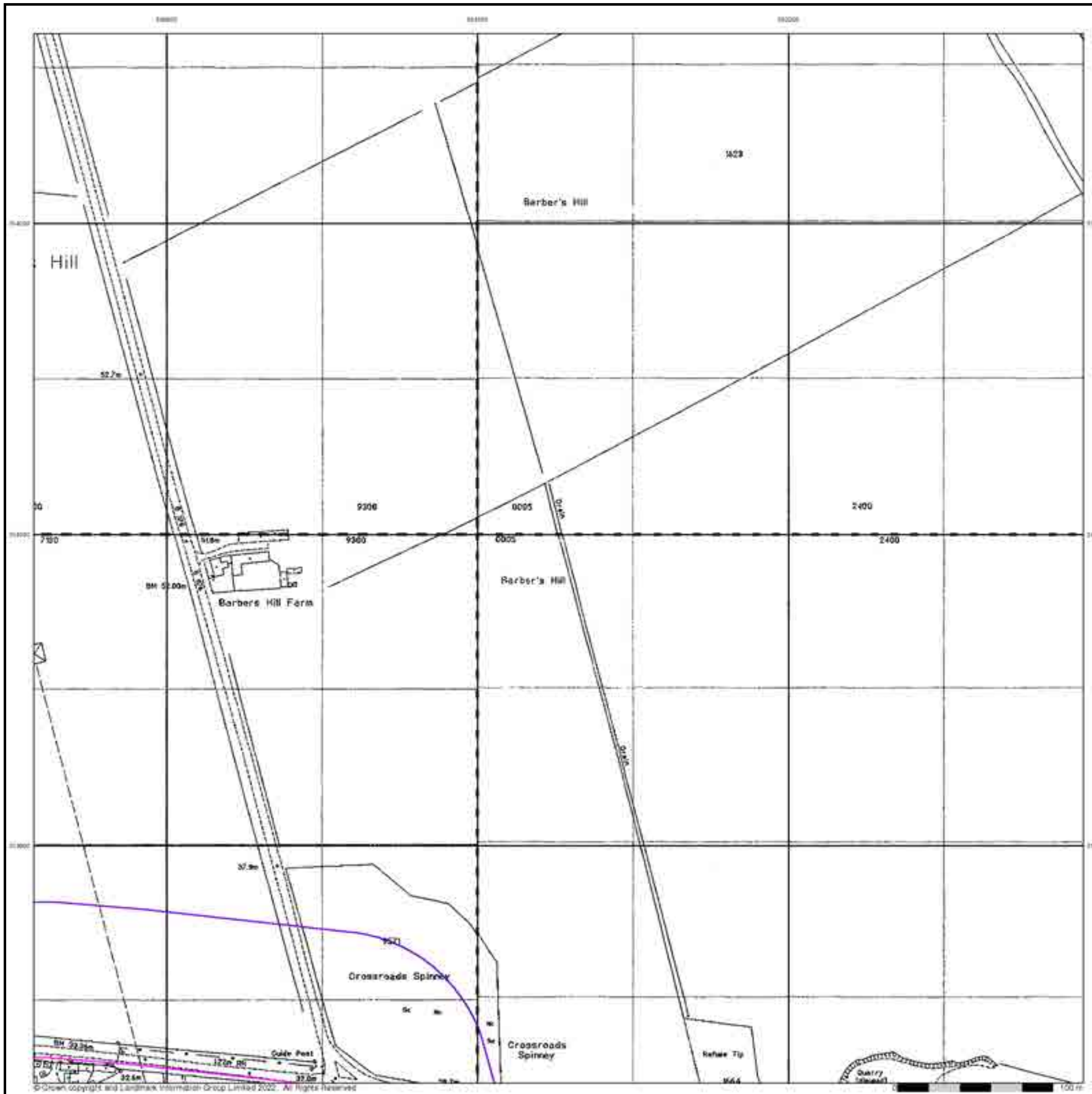


Order Details

Order Number: 293359405_1_1
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 Slice: B
 Site Area (Ha): 162.75
 Search Buffer (m): 100

Site Details

Site at 502039,313310

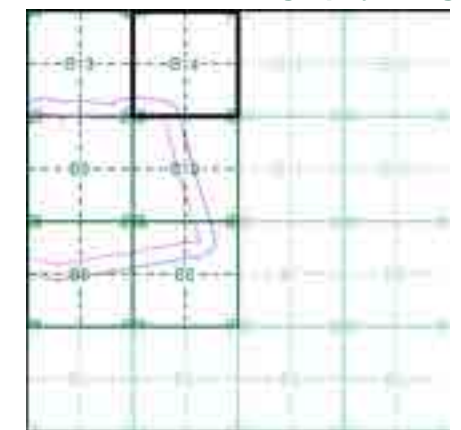


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Historical Aerial Photography Published 2000

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 B14



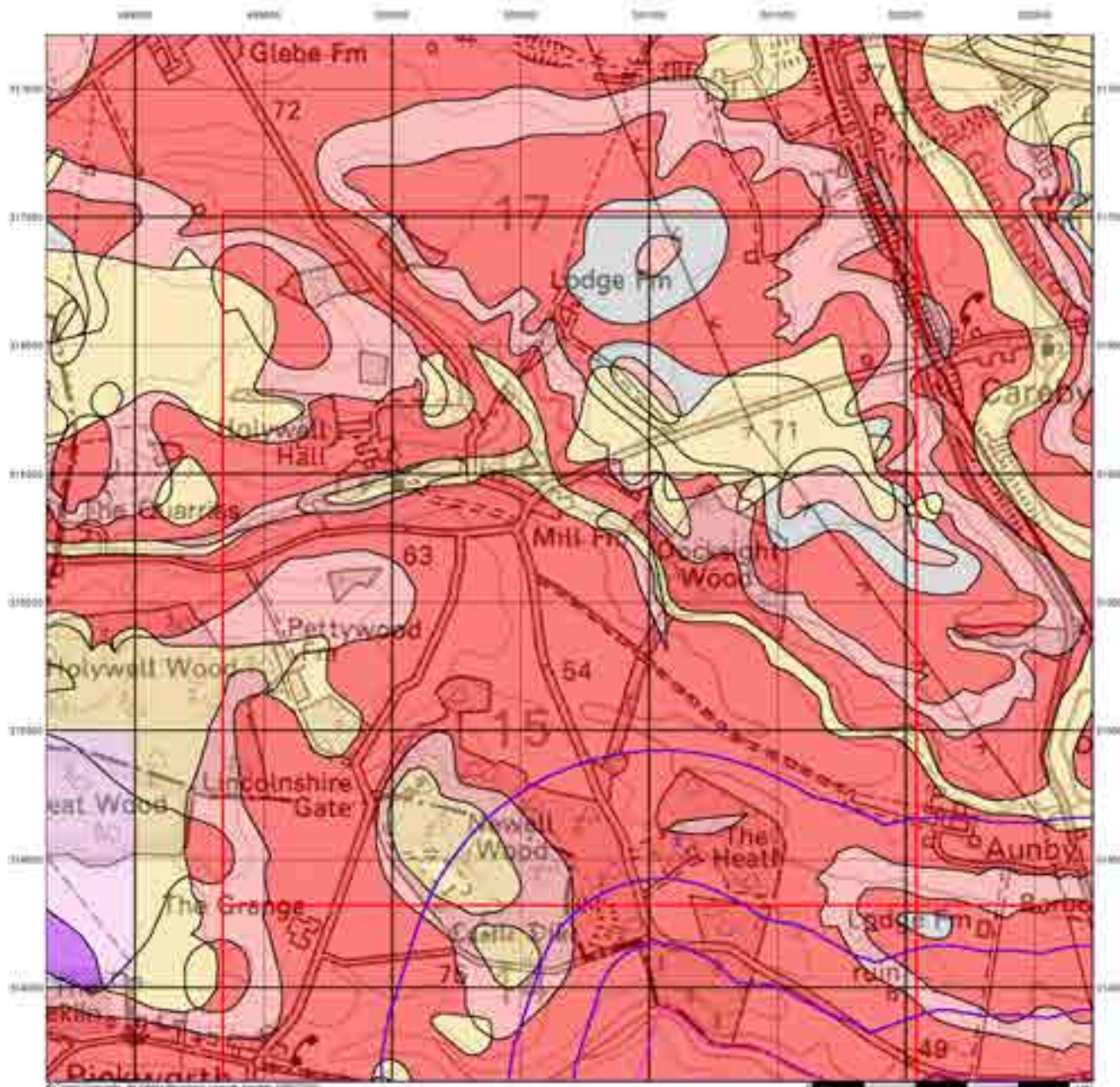
Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
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Slice: B
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Site Details

Site at 502039,313310





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Groundwater Vulnerability

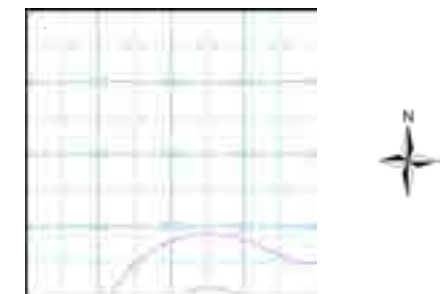
General

- Water Table
- Search Buffer
- Sewing Machine Pond
- Mine
- Mill

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|---|---|
| High vulnerability, Principal Aquifer | High vulnerability, Principal Aquifer |
| High vulnerability, Secondary Aquifer | High vulnerability, Secondary Aquifer |
| Medium vulnerability, Principal Aquifer | Medium vulnerability, Principal Aquifer |
| Medium vulnerability, Secondary Aquifer | Medium vulnerability, Secondary Aquifer |
| Low vulnerability, Principal Aquifer | Low vulnerability, Principal Aquifer |
| Low vulnerability, Secondary Aquifer | Low vulnerability, Secondary Aquifer |
| Impervious Aquifer | |
| Inactive Field | |

Site Sensitivity Context Map - Slice C



Order Details

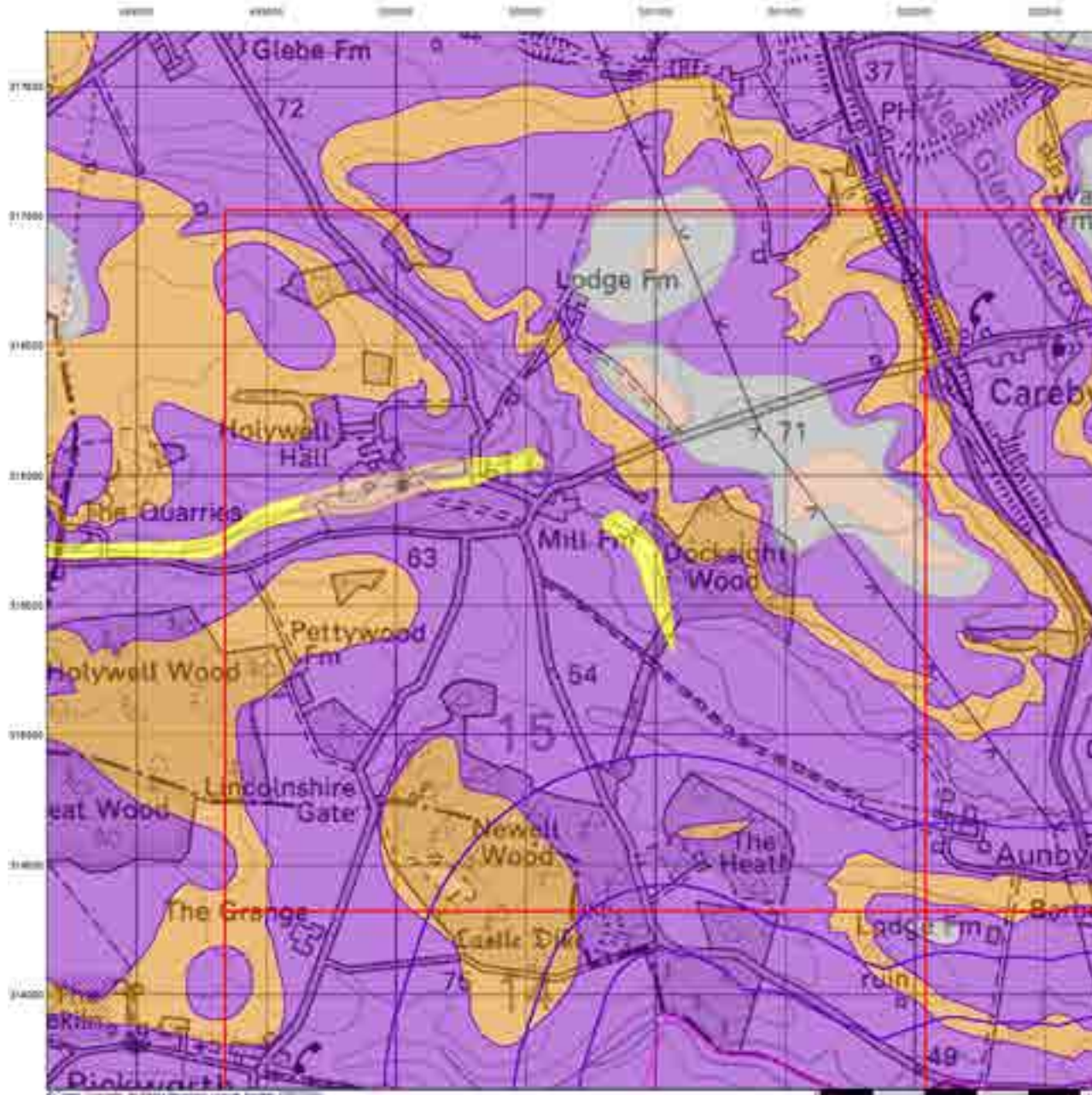
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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 Web: www.envirocheck.co.uk



Bedrock Aquifer Designation

General

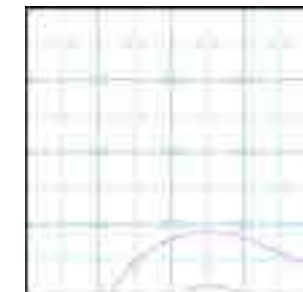
- Boundary Line
- Boundary Buffering
- Existing Hydrologic Flow
- Mine
- Mill

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unconsolidated
- Unproductive Strata
- Unstable
- Unknown (Lenses and Lenticles)

Site Sensitivity Context Map - Slice C

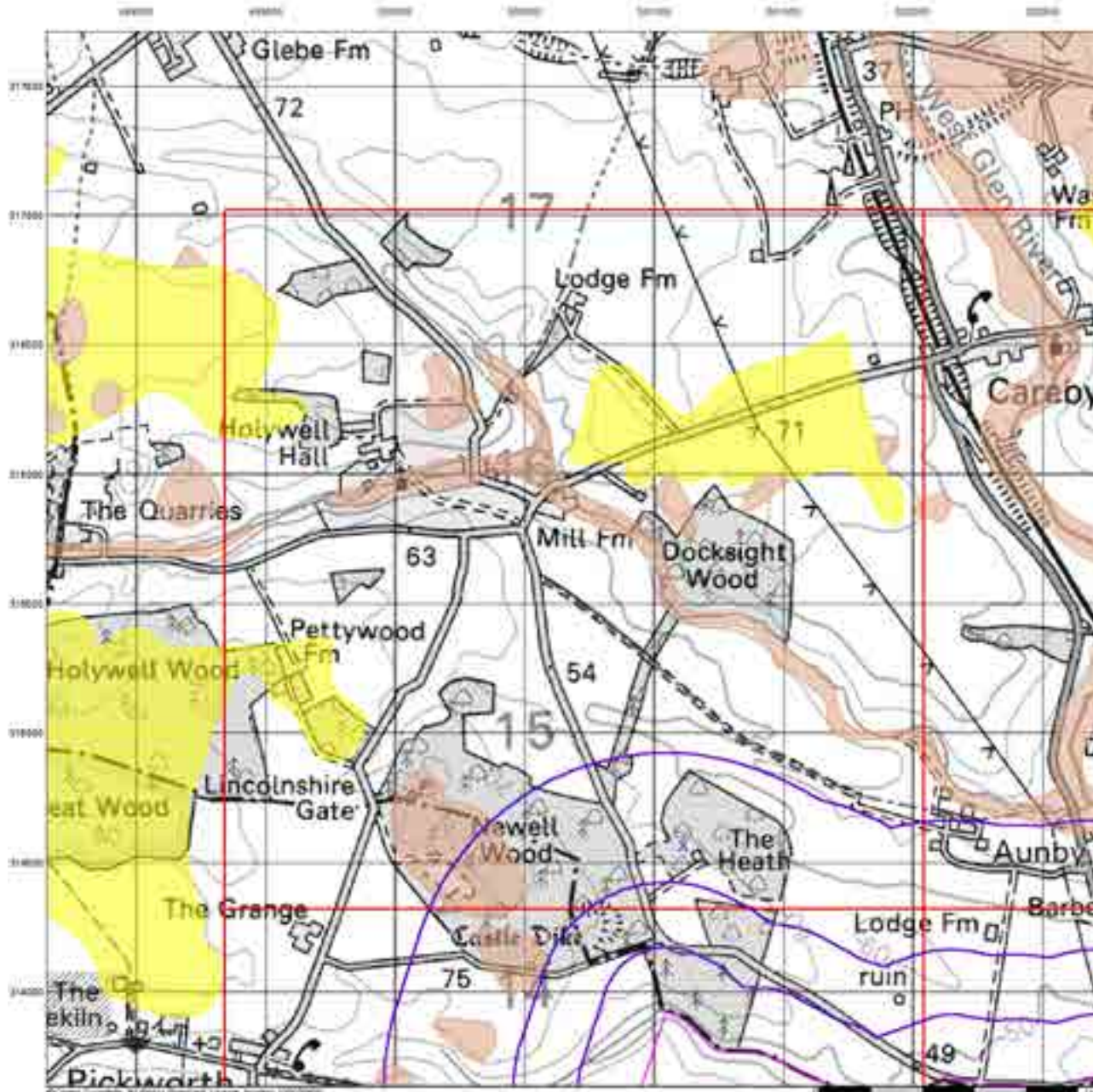


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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Superficial Aquifer Designation

General

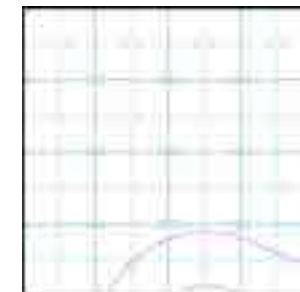
- Boundary Line
- Boundary Buffering
- Sewing Hydrology Point
- Wall
- Main Road

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unconsolidated
- Unproductive Strata
- Unstable
- (Thrown (Lands and Lintol))

Site Sensitivity Context Map - Slice C



Order Details

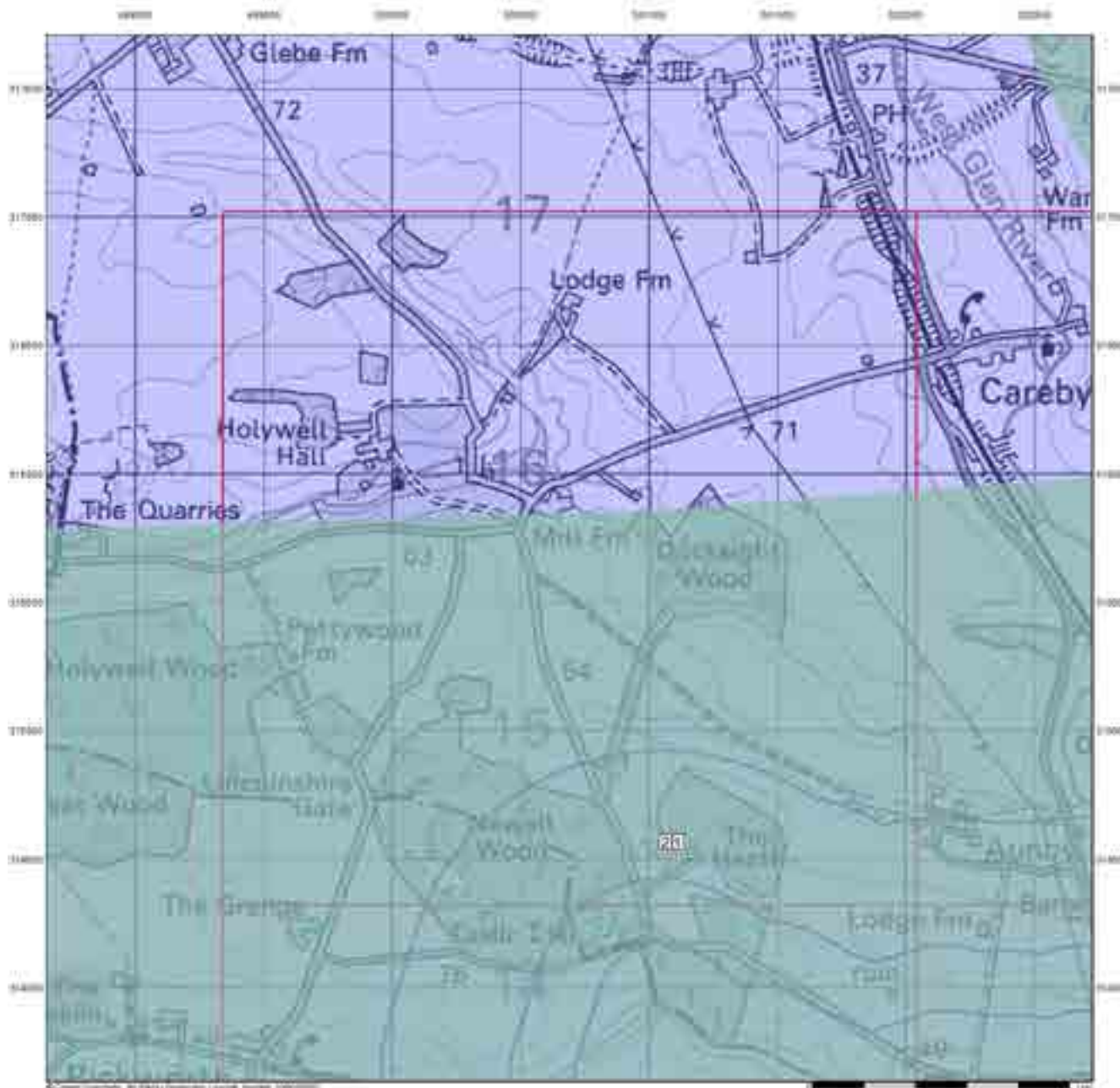
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Source Protection Zones

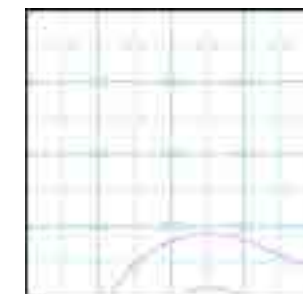
General

-  Drinking Water Catchment
-  Drinking Water Buffer
-  Drinking Water Point
-  River
-  Main Road

Agency and Hydrological

-  Zone 1 (Zone 1)
-  Zone 1a - subsurface activity only (Zone 1a)
-  Zone 2 (Zone 2)
-  Zone 2a - subsurface activity only (Zone 2a)
-  Zone 3 (Zone 3)
-  Zone 3a - subsurface activity only (Zone 3a)
-  Zone 4 (Zone 4)

Site Sensitivity Context Map - Slice C

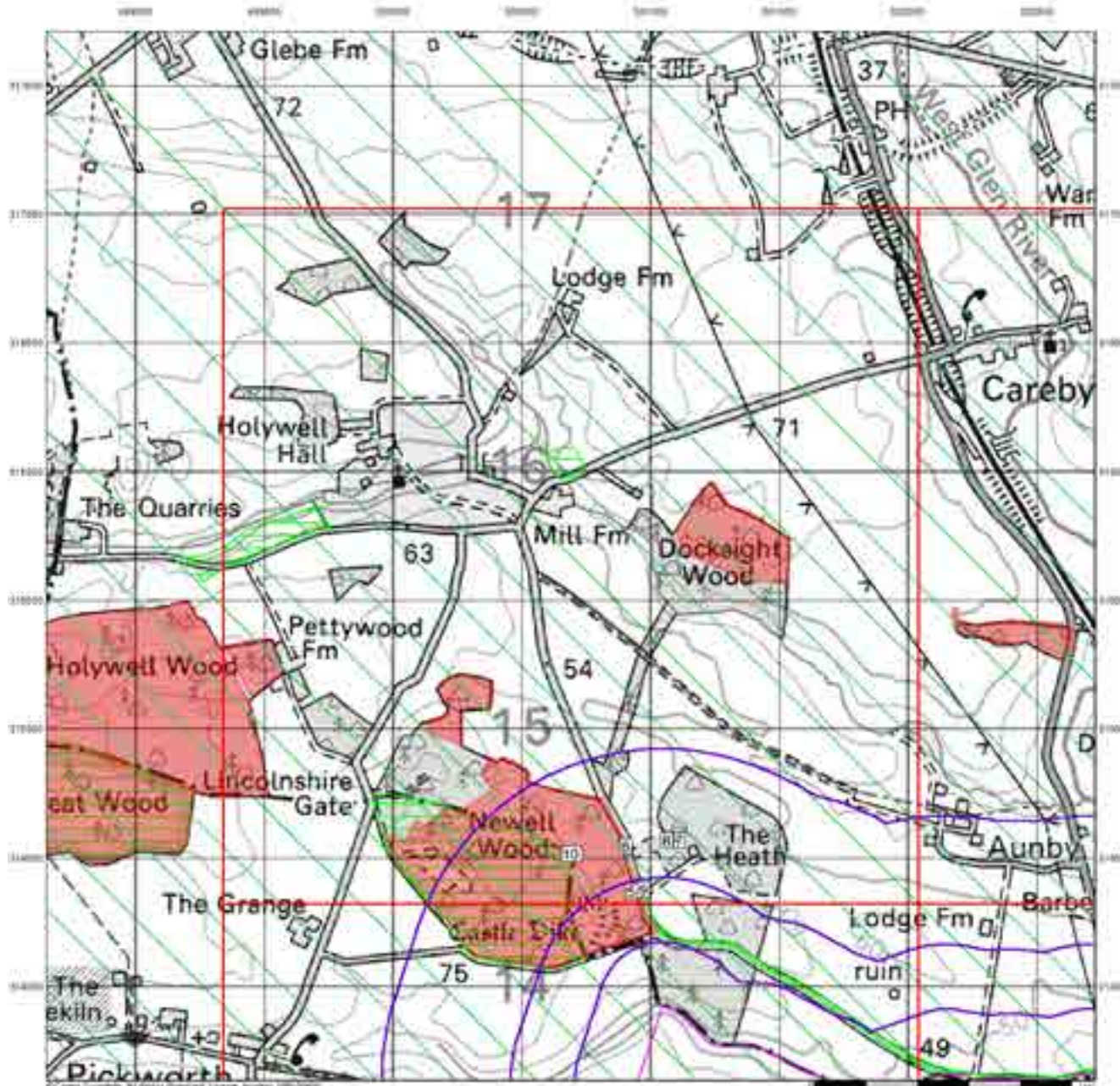


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
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 Slice: C
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 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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Sensitive Land Uses

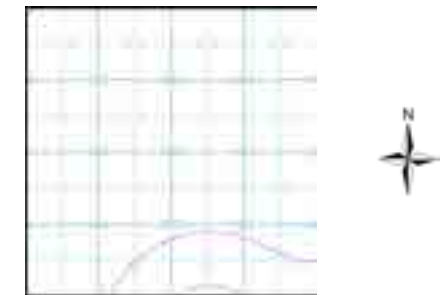
General

- Ancient Woodland
- Areas of Adopted Green Belt
- Areas of Outstanding Natural Beauty
- Economically Sensitive Area
- Flood Plain
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserves
- Search Buffer
- Max 10
- Steeply Sloping Foot

Sensitive Land Uses

- Ancient Woodland
- Areas of Adopted Green Belt
- Areas of Outstanding Natural Beauty
- Economically Sensitive Area
- Flood Plain
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserves
- Ancient Woodland
- Areas of Adopted Green Belt
- Areas of Outstanding Natural Beauty
- Economically Sensitive Area
- Flood Plain
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserves

Site Sensitivity Context Map - Slice C



Order Details

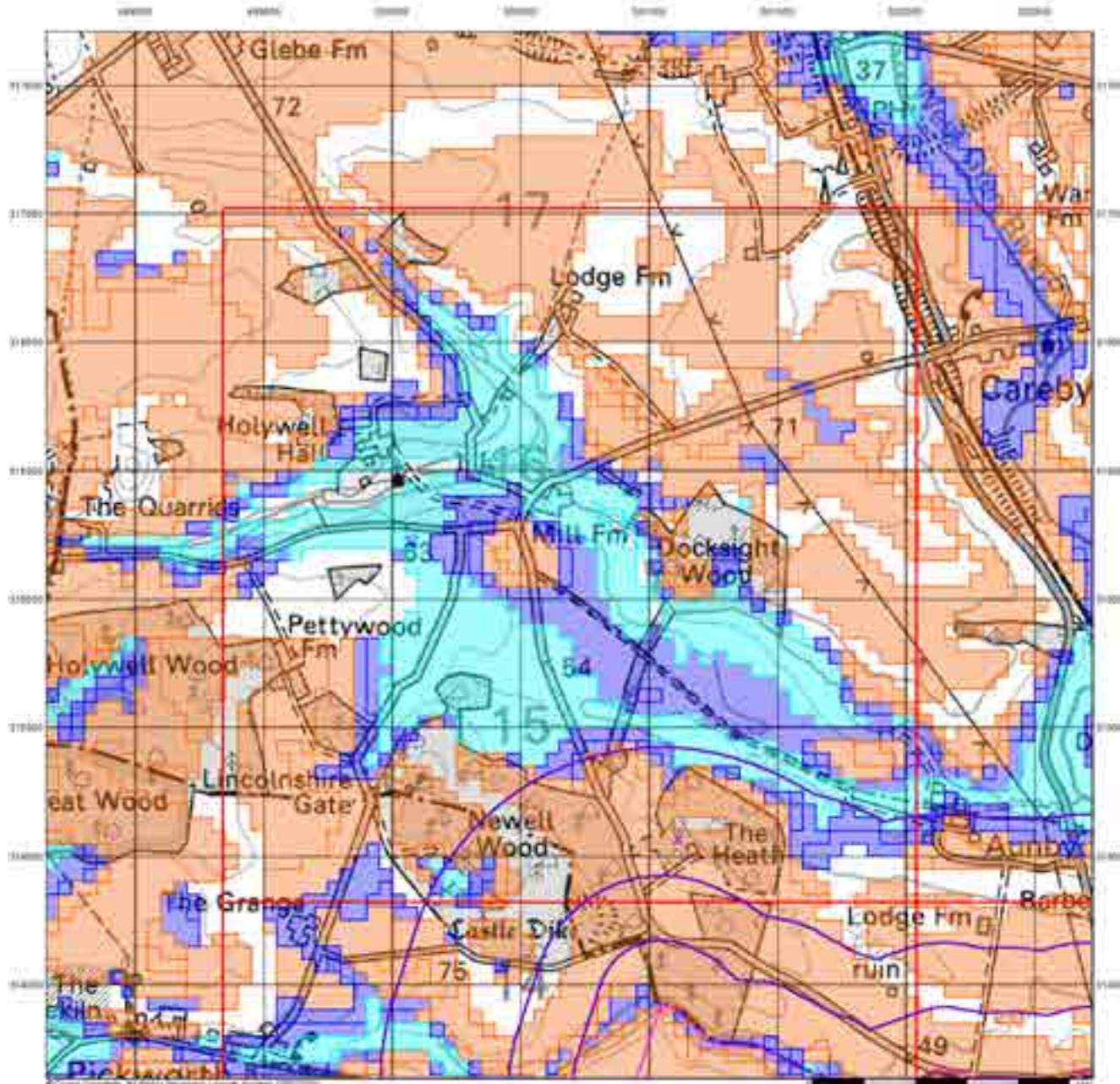
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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BGS Flood GFS Data

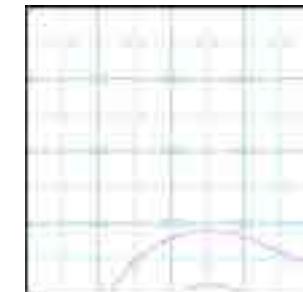
General

-  Search ID
-  Service Address
-  Street Reference Point
-  Site

Agency and Hydrological (Flood)

-  Limited Potential for Groundwater Flooding to Ground
-  Potential for Groundwater Flooding at Property Street/Drain Ground Level
-  Potential for Groundwater Flooding to Outfall or Surface

Site Sensitivity Context Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

293359405_1_1

Customer Reference:

4217 - Z1

National Grid Reference:

501110, 314570

Slice:

C

Site Area (Ha):

162.75

Search Buffer (m):

1000

Site Details:

Site at 502039,313310

Client Details:

Mr D Ballentyne
Arcus Consultancy Services
1C Swinegate Court East
3 Swinegate
York
YO1 8AJ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	-
Geological	7
Industrial Land Use	-
Sensitive Land Use	10
Data Currency	11
Data Suppliers	17
Useful Contacts	18

Introduction

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

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Report Version v53.0

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 6	3	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 6				1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 7	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 7	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 8				1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 8	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 8	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 8	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 9	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 9	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 10			2	
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 10	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 10	1		1	
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	501050 313950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	501100 313950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	501114 313900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	501114 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	501150 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	501200 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	501400 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	501050 313900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	501550 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	501600 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	501650 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	502600 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	502650 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	1	501600 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (N)	0	1	501114 314569
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	501150 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	501300 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	501450 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	502650 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	501550 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	501450 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	501500 313700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	5	1	501450 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	6	1	501550 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	11	1	501750 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	18	1	501700 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	29	1	501600 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	54	1	501000 314000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	70	1	500950 313950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	101	1	500950 314000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	102	1	500900 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	149	1	500850 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	165	1	500850 313950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	181	1	500800 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SE (E)	187	1	501800 314350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	197	1	500800 313850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	214	1	500750 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	256	1	500700 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	262	1	500700 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	306	1	500650 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	311	1	500650 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	356	1	500600 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	406	1	500550 313650
	Nearest Surface Water Feature None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*g/076 Permit Version: Not Supplied Location: Borehole B, GREAT CASTERTON Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 4500 Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C2NW (W)	1071	2	500305 314695
	<p>Water Abstractions</p> <p>Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*g/076 Permit Version: Not Supplied Location: Borehole G, PICKWORTH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 4500 Details: South Lincolnshire Limestone; Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	C2NW (W)	1074	2	500300 314695
	<p>Water Abstractions</p> <p>Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*G/0076 Permit Version: 100 Location: Borehole G At Pickworth Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	C2NW (W)	1078	2	500300 314700
	<p>Water Abstractions</p> <p>Operator: Cecil Estate Family Trust Licence Number: 5/31/11/*G/0076 Permit Version: 100 Location: Borehole G At Pickworth Authority: Environment Agency, Anglian Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	C2NW (W)	1078	2	500300 314700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J Wood Licence Number: 5/31/11/*s/002 Permit Version: Not Supplied Location: Tributary River Glen At Careby, CAREBY AUNBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 4 Yearly Rate (m3): 431870 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	C8SE (NE)	1346	2	502001 315001
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	501000 314000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	501114 314000
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SE)	0	3	502000 313979
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	(S)	0	3	501000 314000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(S)	0	3	501114 314000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(SE)	0	3	502000 314000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	C3SE (N)	0	3	501114 314569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations No Data Available				
1	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	C3SE (N)	0	2	501114 314569
2	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	C3SE (N)	0	2	501114 314569
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	OS Water Network Lines None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Kesteven District Council - Has supplied landfill data		0	5	501114 314569
	Local Authority Landfill Coverage Name: Rutland Unitary Council - Has supplied landfill data		0	4	500950 314188
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	501114 314569
3	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	C2SE (W)	883	-	500361 314479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	C3SE (N)	0	1	501114 314569
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C3SE (N)	0	1	501114 314569
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	C4SE (E)	90	1	502000 314477
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C4SW (E)	198	1	501651 314425
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C3SW (W)	386	1	500693 314443
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C8SW (NE)	526	1	501686 315014
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	C3SE (N)	682	1	501119 314603

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	C2SE (W)	703	1	500501 314403
4	BGS Recorded Mineral Sites Site Name: Newell Wood Gravel Pit Location: Pickworth, Oakham, Rutland Source: British Geological Survey, National Geoscience Information Service Reference: 46727 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	C2SE (W)	879	1	500366 314478
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C4SW (E)	68	1	501604 314457
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C4SW (E)	90	1	501651 314425
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C4SE (E)	150	1	501744 314407
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C4SE (E)	198	1	501814 314339
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	C3SE (N)	0	1	501114 314569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	C3SE (N)	0	1	501114 314569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Ancient Woodland Name: Castledike Wood Reference: 1115396 Area(m ²): 19927.85 Type: Plantation on Ancient Woodland	C3SW (SW)	282	7	500959 314370
6	Ancient Woodland Name: Castledike Wood Reference: 1115396 Area(m ²): 498825.66 Type: Ancient and Semi-Natural Woodland	C3SW (W)	292	7	500904 314545
7	Nitrate Vulnerable Zones Name: Glen Nvz Description: Surface Water Source: Environment Agency, Head Office	C3SE (N)	0	3	501114 314569
8	Nitrate Vulnerable Zones Name: Lincolnshire Limestone Description: Groundwater Source: Environment Agency, Head Office	C3SE (N)	0	3	501114 314569
9	Sites of Special Scientific Interest Name: Ryhall Pasture And Little Warren Verges Multiple Areas: N Total Area (m2): 62420.36 Source: Natural England Reference: 1004094 Designation Details: Site Of Special Scientific Interest Designation Date: 1st December 1983 Date Type: Notified	C3SW (SW)	0	7	500974 314377
10	Sites of Special Scientific Interest Name: Newell Wood Multiple Areas: N Total Area (m2): 333405.41 Source: Natural England Reference: 1000980 Designation Details: Site Of Special Scientific Interest Designation Date: 1st May 1983 Date Type: Notified	C3SW (W)	350	7	500693 314515

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Kesteven District Council - Environmental Health Environment Agency - Head Office Rutland Unitary Council - Environmental Health Department	April 2015 June 2020 September 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	January 2022	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Variable Variable
Local Authority Pollution Prevention and Controls South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements South Kesteven District Council - Environmental Health Rutland Unitary Council - Environmental Health Department	April 2014 May 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	February 2022	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Water Abstractions Environment Agency - Anglian Region	January 2022	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	January 2022	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	January 2022	Quarterly
Local Authority Landfill Coverage Lincolnshire County Council Rutland Unitary Council - Environmental Health Department South Kesteven District Council - Environmental Health	February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council Rutland Unitary Council - Environmental Health Department South Kesteven District Council - Environmental Health	October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Northern Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department Rutland Unitary Council - Planning Support South Kesteven District Council	August 2010 February 2016 February 2016	Variable Variable Variable
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department Rutland Unitary Council - Planning Support South Kesteven District Council	August 2007 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2022	Quarterly
Points of Interest - Education and Health PointX	March 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2022	Quarterly
Points of Interest - Public Infrastructure PointX	March 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Rutland Unitary Council - Planning Support South Kesteven District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Rutland Unitary Council - Planning Support South Kesteven District Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report





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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Rutland Unitary Council - Environmental Health Department Catmose, Rutland, Oakham, Leicestershire, LE15 6HP	Telephone: 01572 722577 Fax: 01572 758307 Website: www.rutland.gov.uk
5	South Kesteven District Council - Environmental Health Council Offices, St Peters Hill, Grantham, Lincolnshire, NG31 6PZ	Website: www.southkesteven.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk










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

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BWL	Blisworth Limestone Formation	Limestone	Not Supplied - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Not Supplied - Bathonian
	CB	Combrash Formation	Limestone	Not Supplied - Bathonian
	LLL	Lower Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	ULL	Upper Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	RLD	Rutland Formation	Argillaceous Rocks with Subordinate Sandstone and Limestone	Not Supplied - Bajocian
	GRF	Grantham Formation	Sandstone, Siltstone and Mudstone	Not Supplied - Aalenian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Not Supplied - Aalenian
		Faults		

Geology 1:50,000 Maps

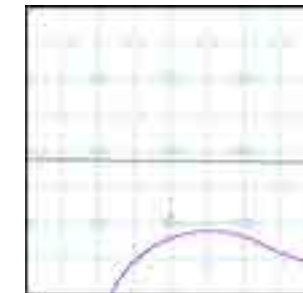
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	157
Map Name:	Stamford
Map Date:	1978
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice C

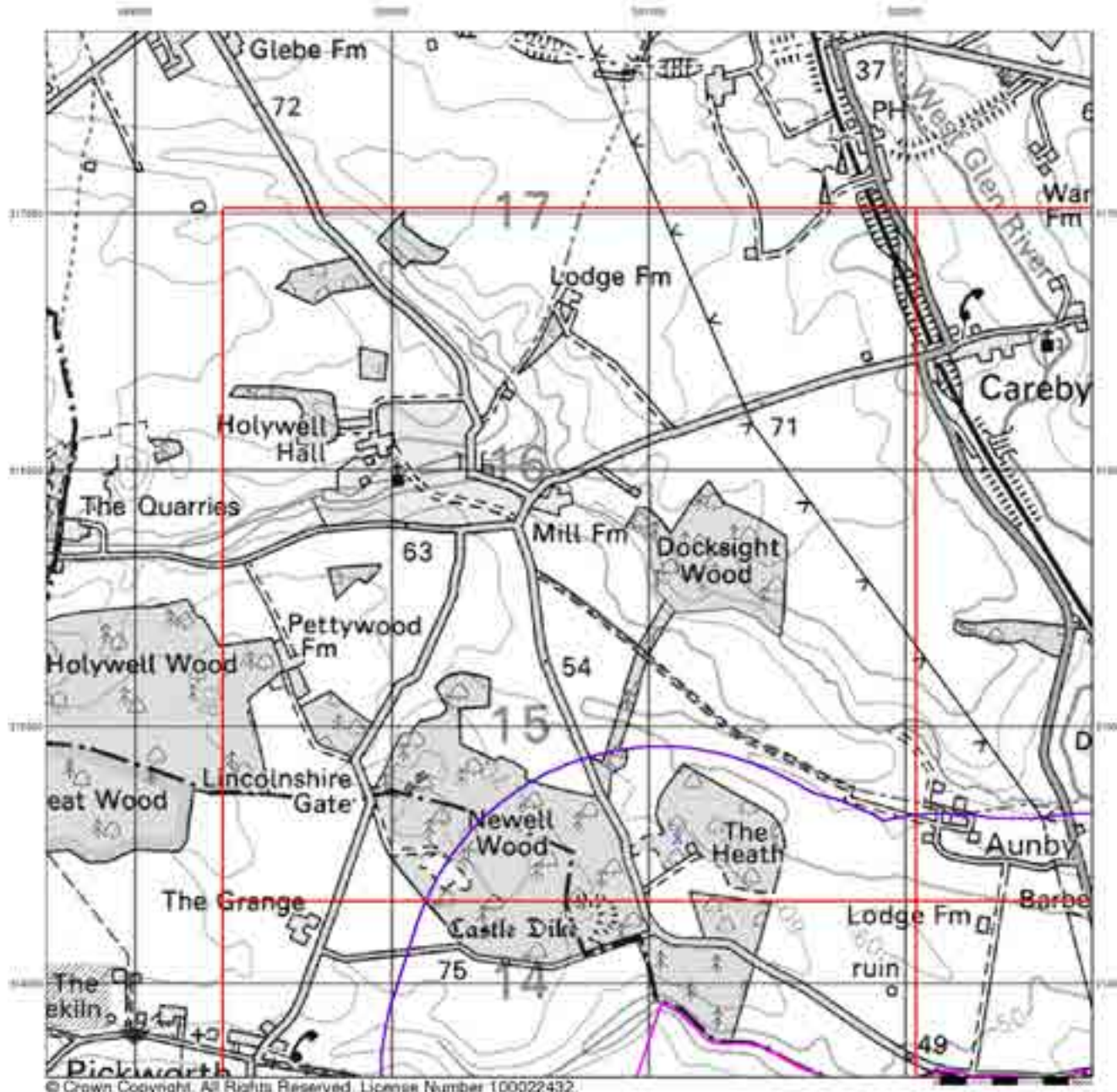


Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	501110, 314570
Slice:	C
Site Area (Ha):	162.75
Search Buffer (m):	1000

Site Details:

Site at 502039,313310



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Artificial Ground and Landslip

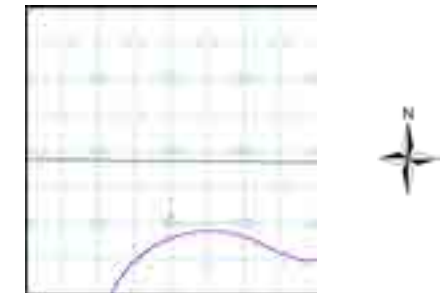
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice C



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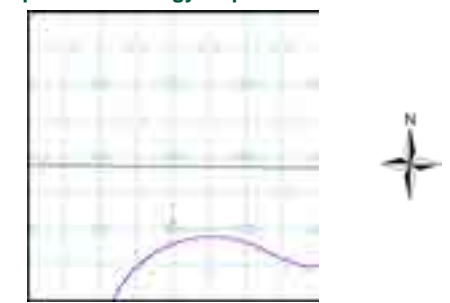
Superficial Geology

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

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

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

Superficial Geology Map - Slice C

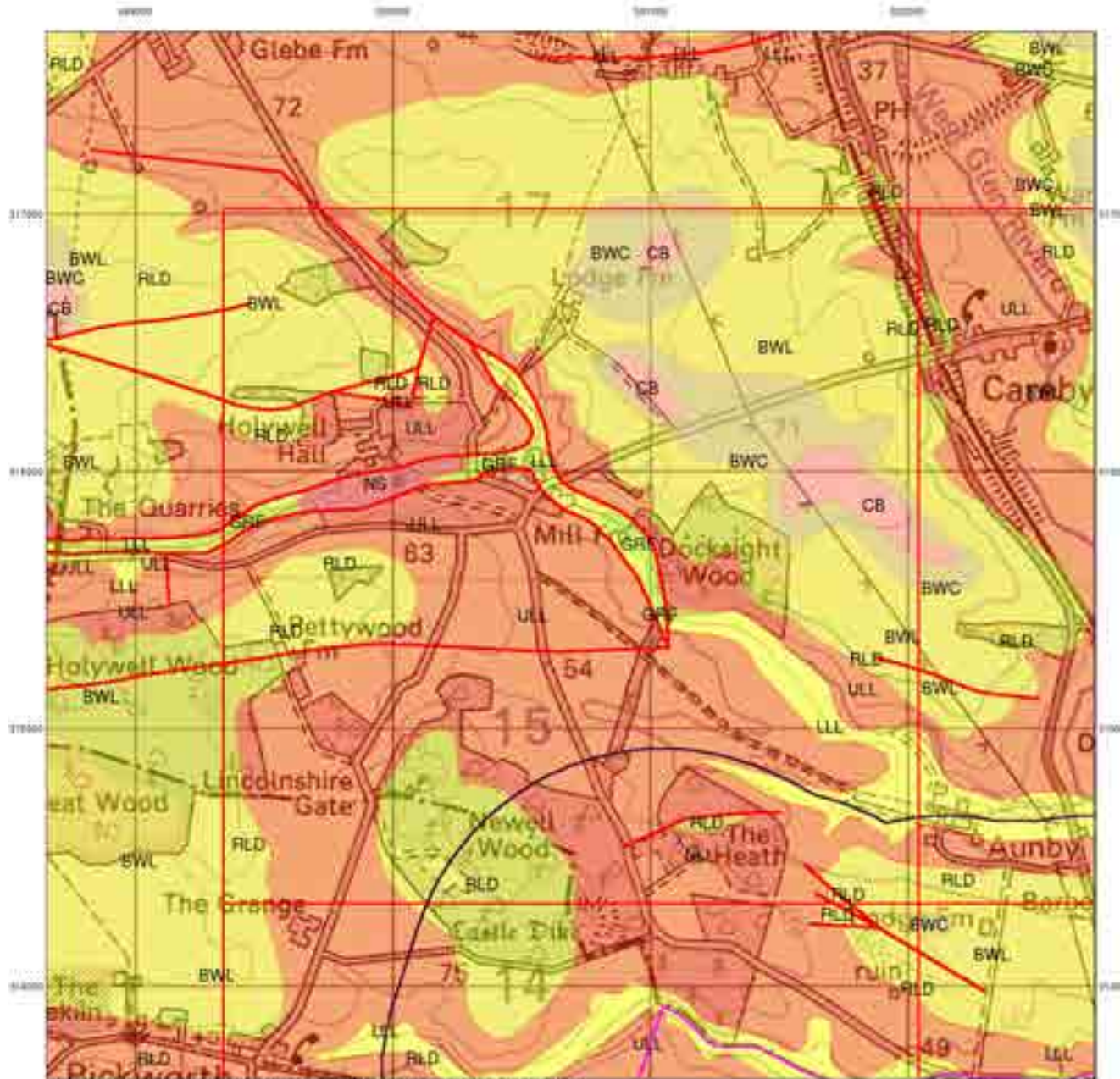


Order Details:

Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
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 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

Site at 502039,313310



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Bedrock and Faults

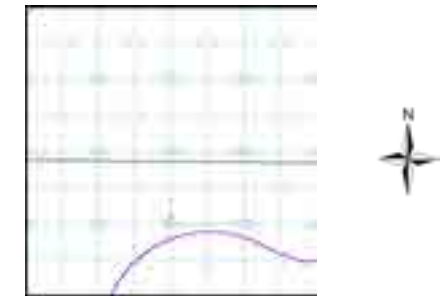
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice C



Order Details:

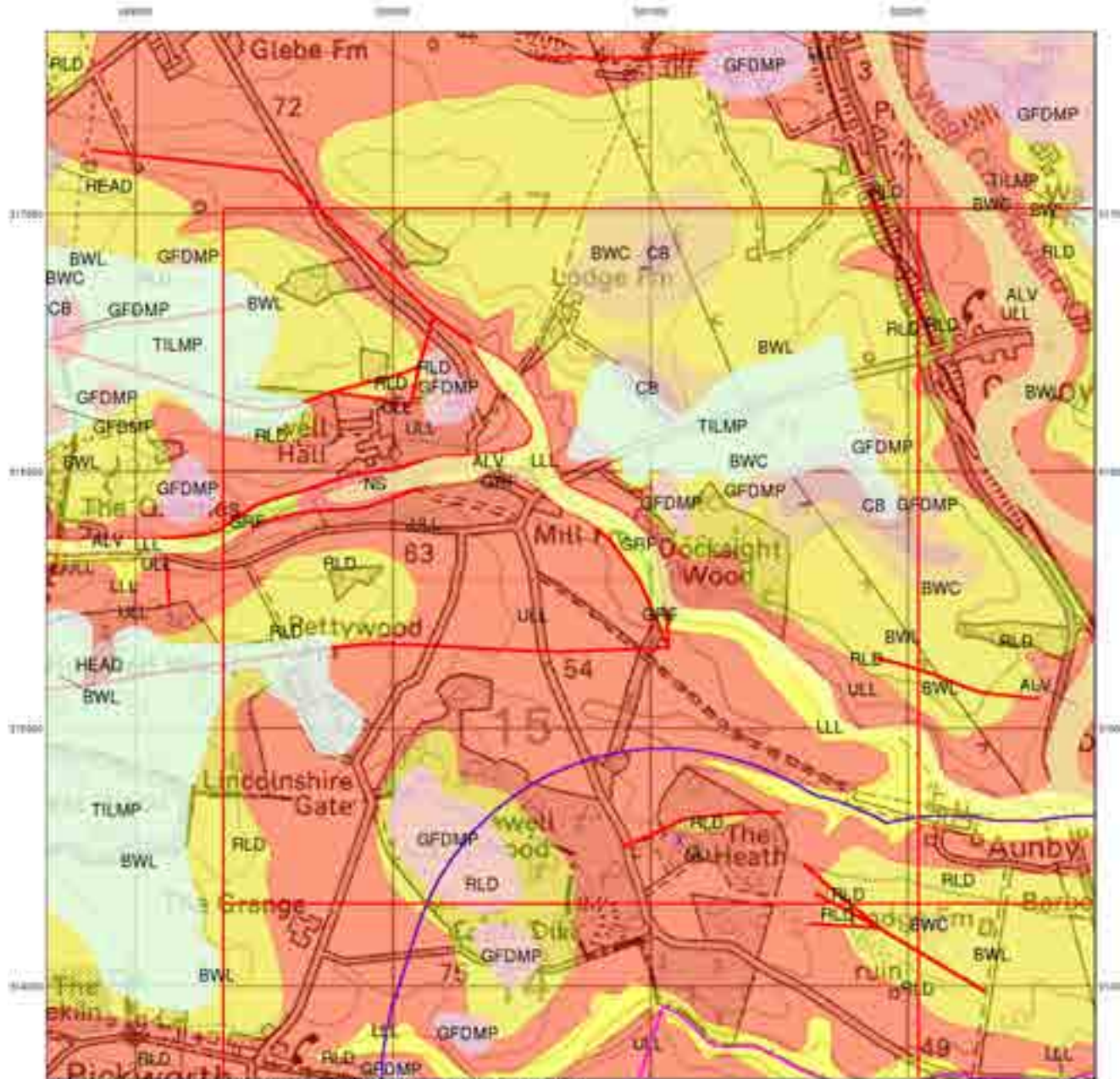
Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

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Combined Surface Geology

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

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

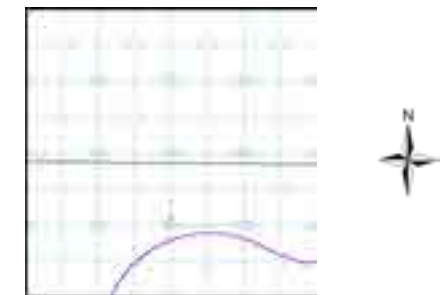
Additional Information

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

Contact

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

Combined Geology Map - Slice C



Order Details:

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Site at 502039,313310

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		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 Burgh 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
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	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 Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

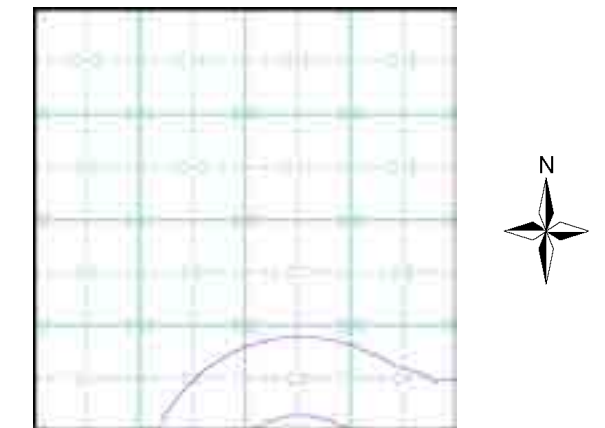
1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	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
Rutland	1:10,560	1884	2
Rutland	1:10,560	1887	3
Lincolnshire	1:10,560	1905	4
Lincolnshire	1:10,560	1952	5
Ordnance Survey Plan	1:10,000	1958 - 1959	6
Ordnance Survey Plan	1:10,000	1974	7
Ordnance Survey Plan	1:10,000	1980 - 1983	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

Historical Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Rutland

Published 1884

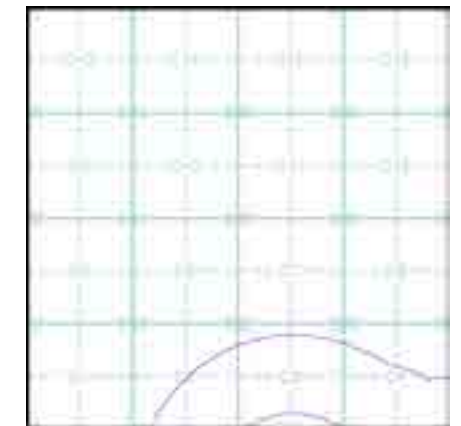
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

003SE
1884
1:10,560
006NE
1884
1:10,560

Historical Map - Slice C

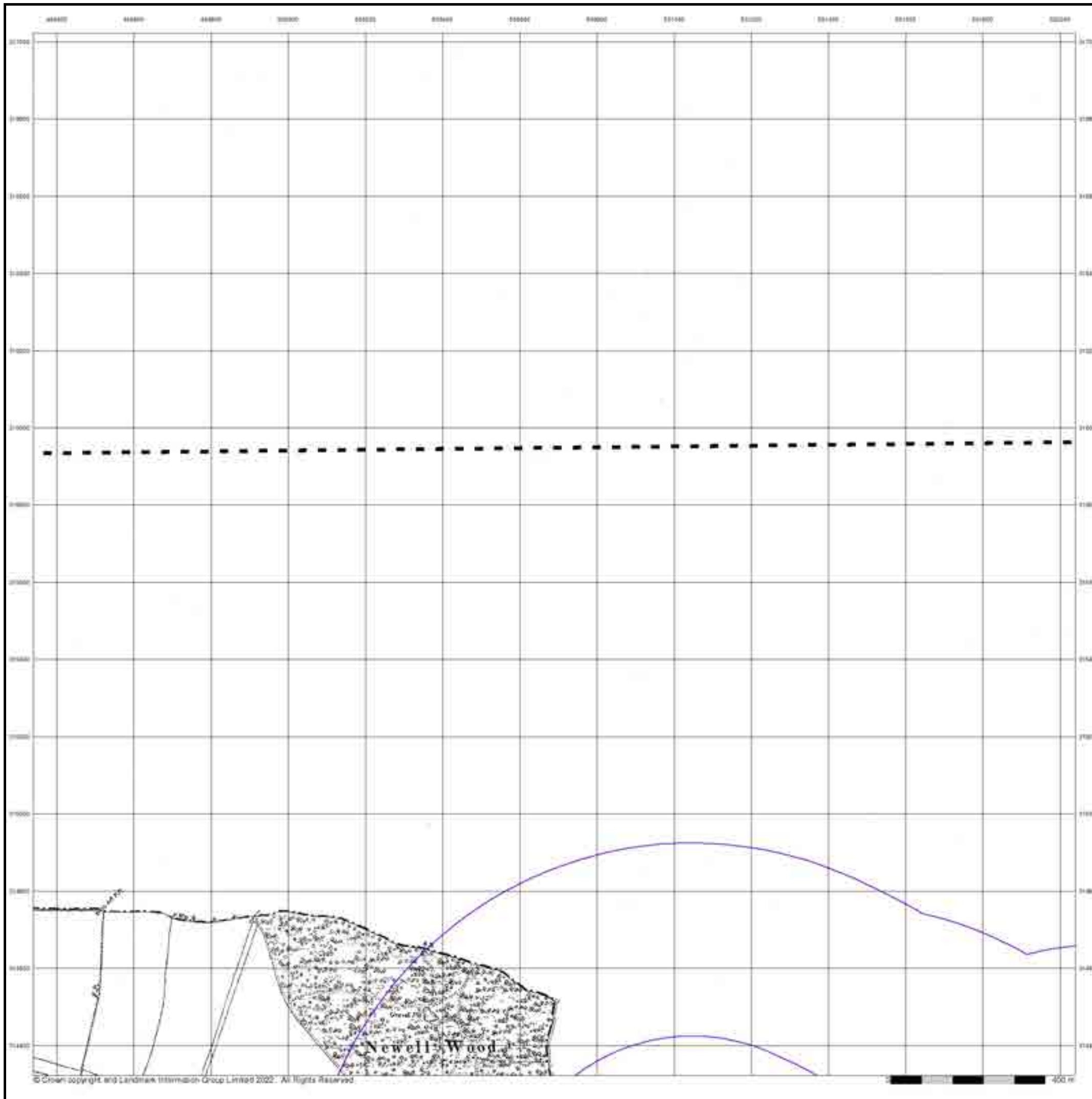


Order Details

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 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Rutland

Published 1887

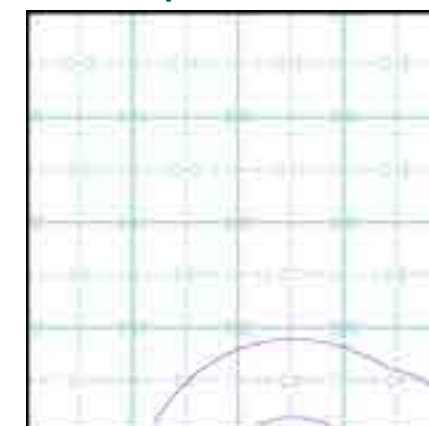
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

003SE
1887
1:10,560
006NE
1887
1:10,560

Historical Map - Slice C

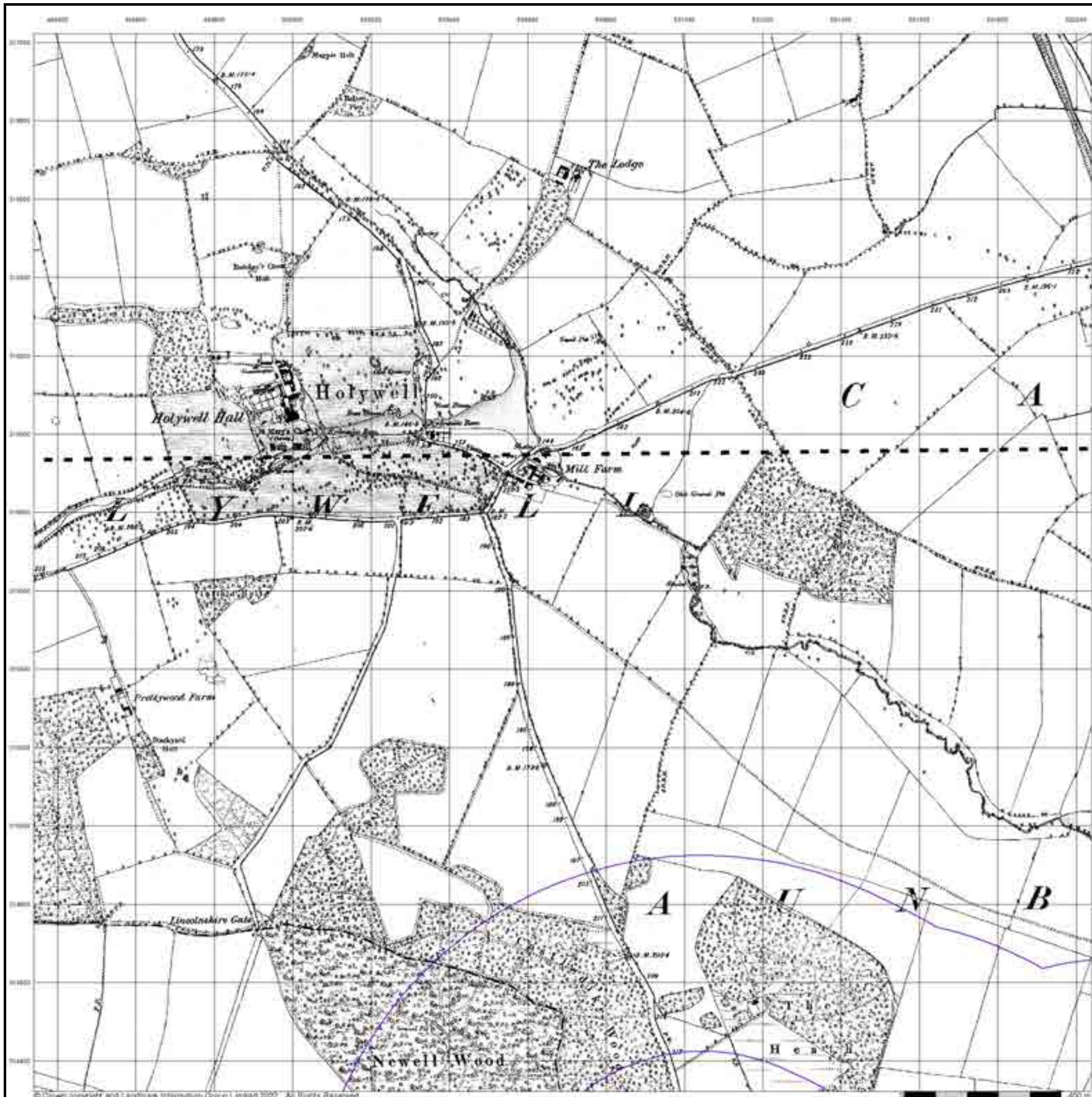


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
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Slice: C
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Search Buffer (m): 1000

Site Details

Site at 502039,313310



Lincolnshire

Published 1905

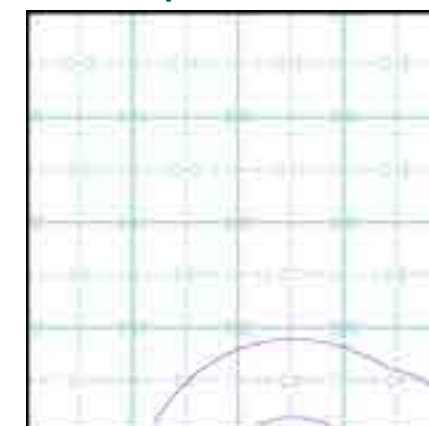
Source map scale - 1:10,560

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Map Name(s) and Date(s)

139SE
1905
1:10,560
145NE
1905
1:10,560

Historical Map - Slice C

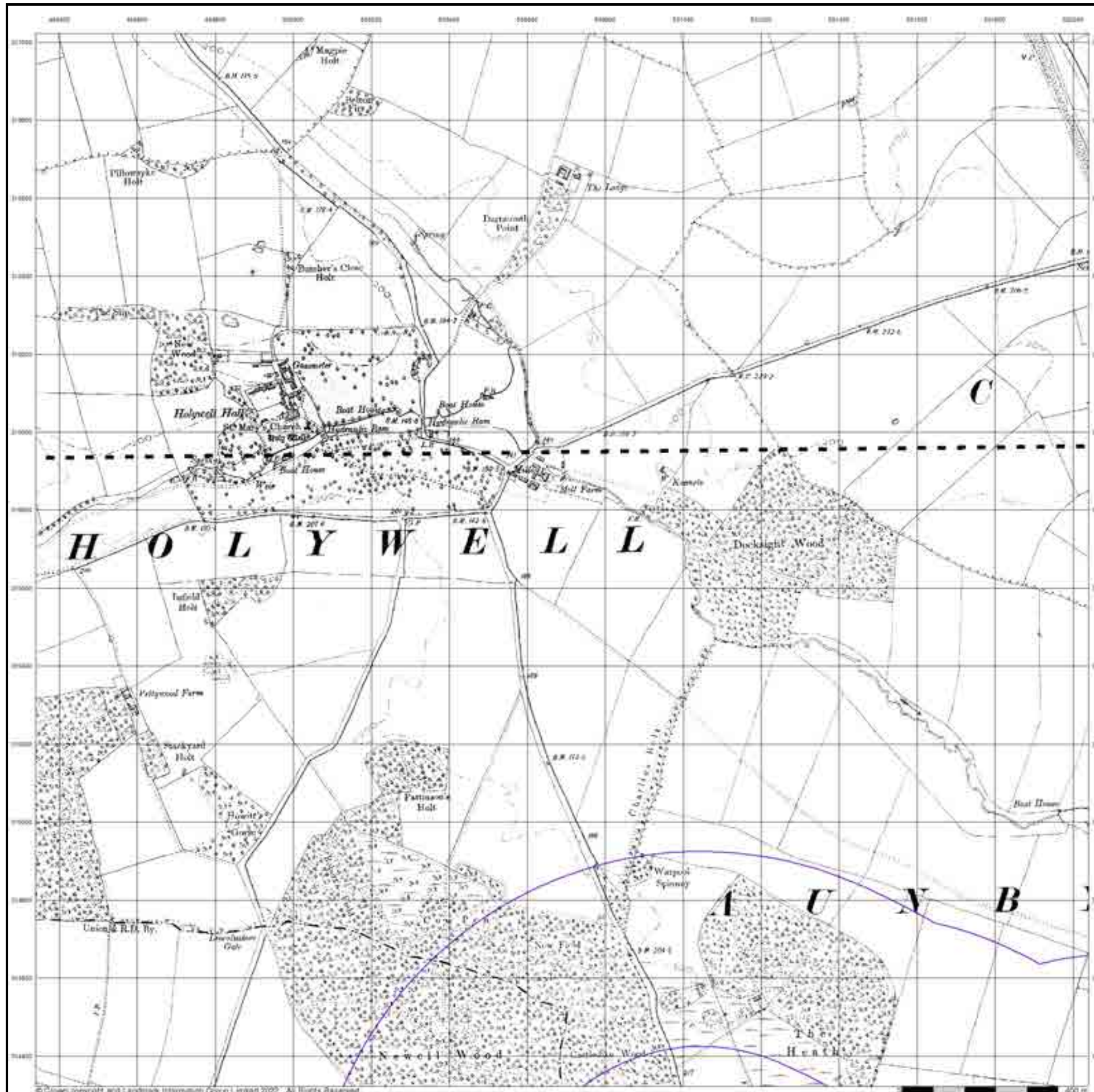


Order Details

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Slice: C
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Search Buffer (m): 1000

Site Details

Site at 502039,313310



Lincolnshire

Published 1952

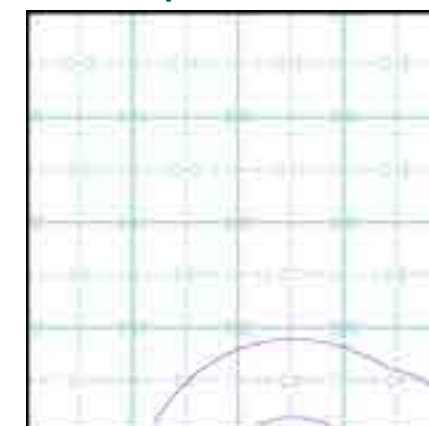
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

139SE
1952
1:10,560
145NE
1952
1:10,560

Historical Map - Slice C

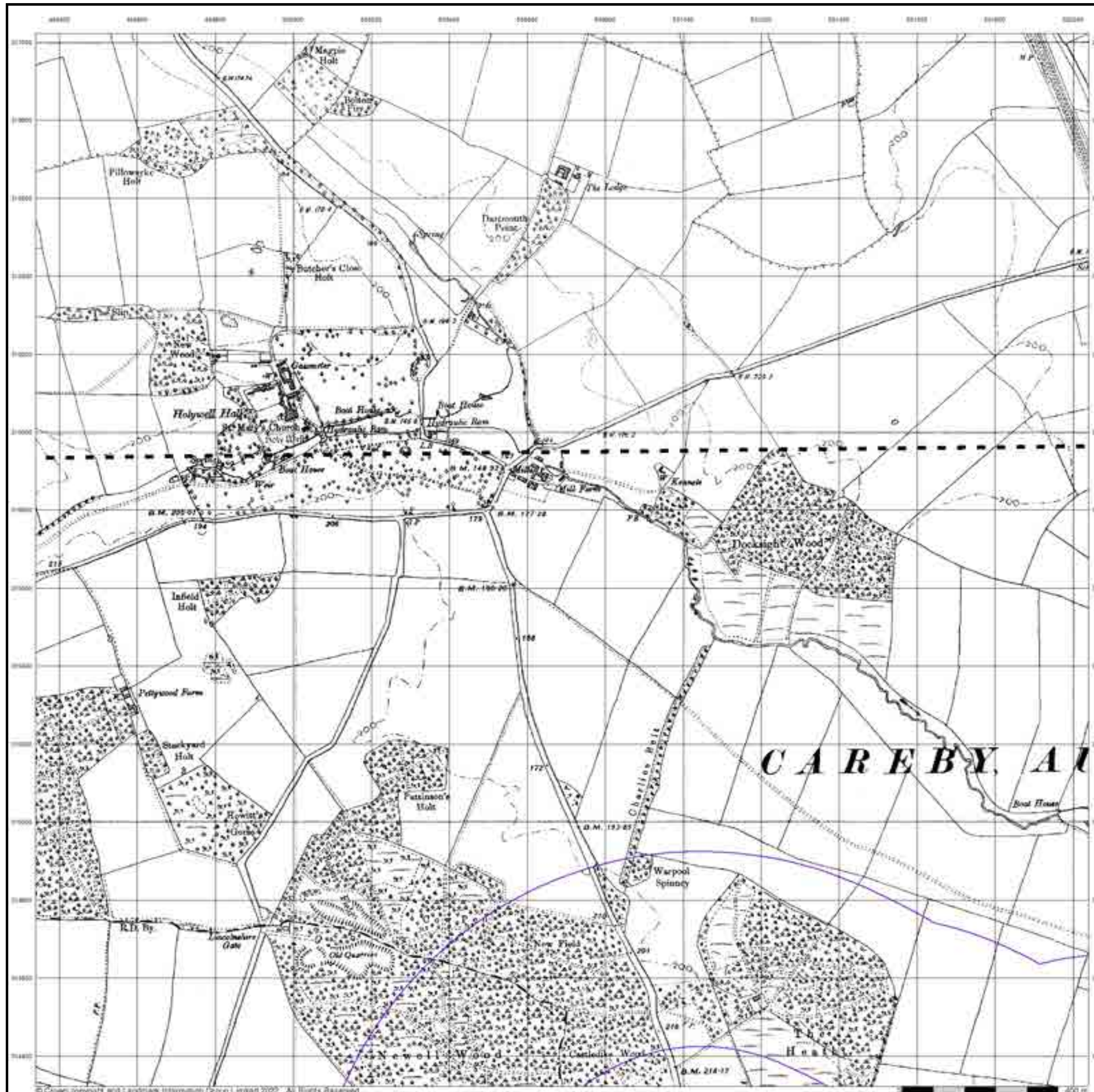


Order Details

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Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1958 - 1959

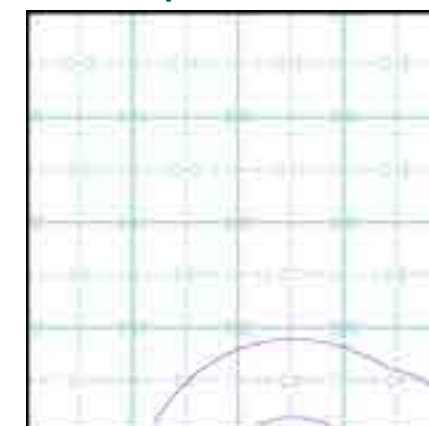
Source map scale - 1:10,000

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)

SK91NE	TF01NW
1959	1958
1:10,560	1:10,560
SK91SE	TF01SW
1958	1959
1:10,560	1:10,560

Historical Map - Slice C

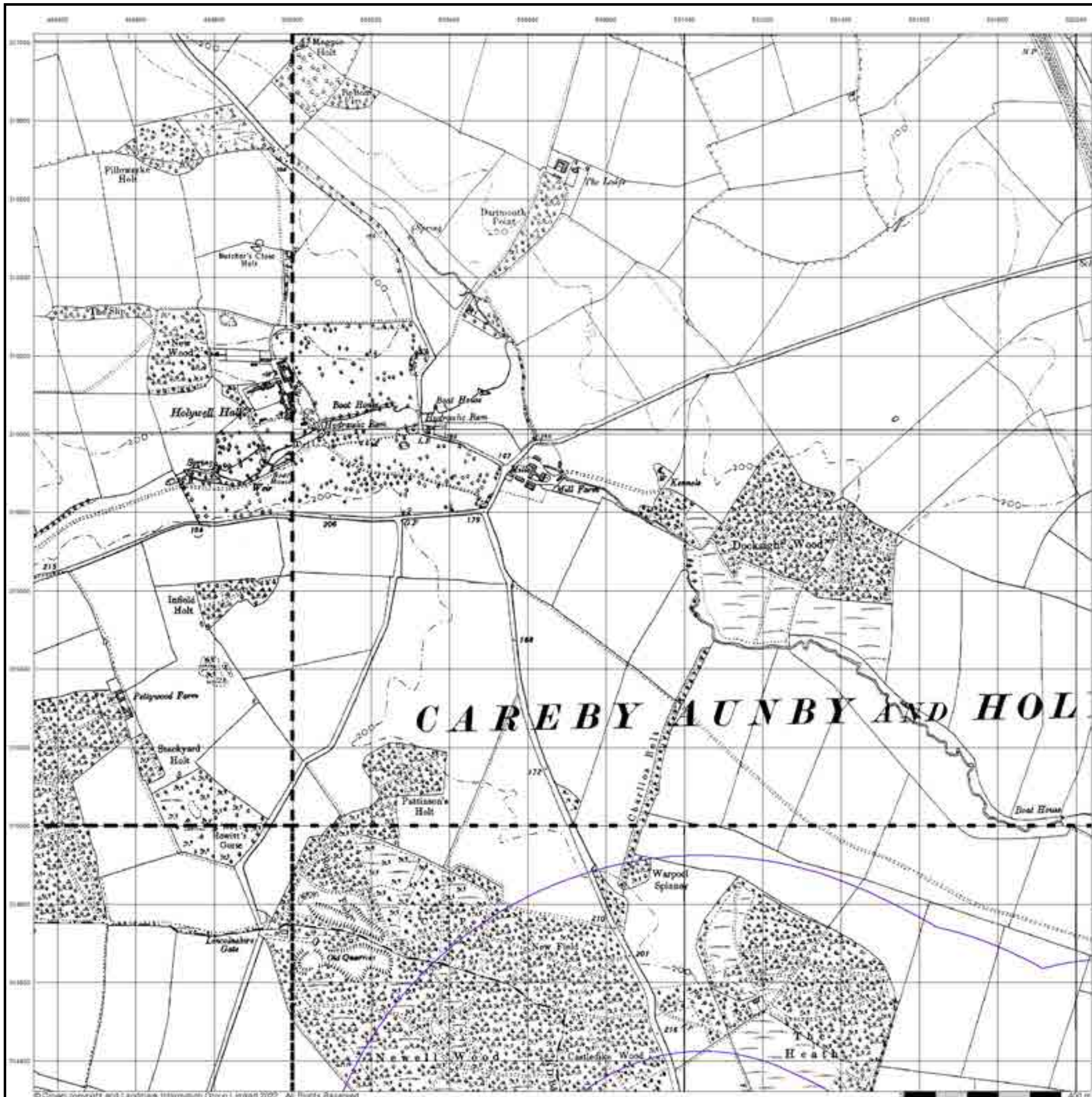


Order Details

Order Number: 293359405_1_1
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 Slice: C
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Site Details

Site at 502039,313310



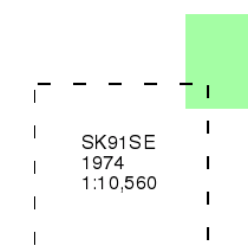
Ordnance Survey Plan

Published 1974

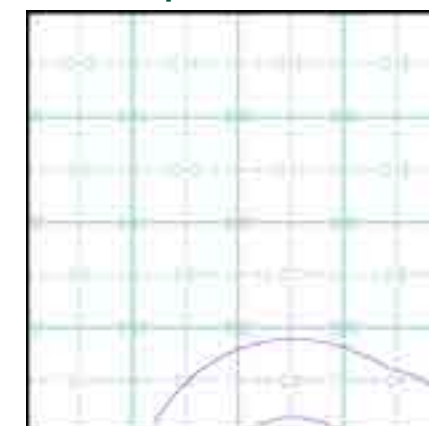
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C

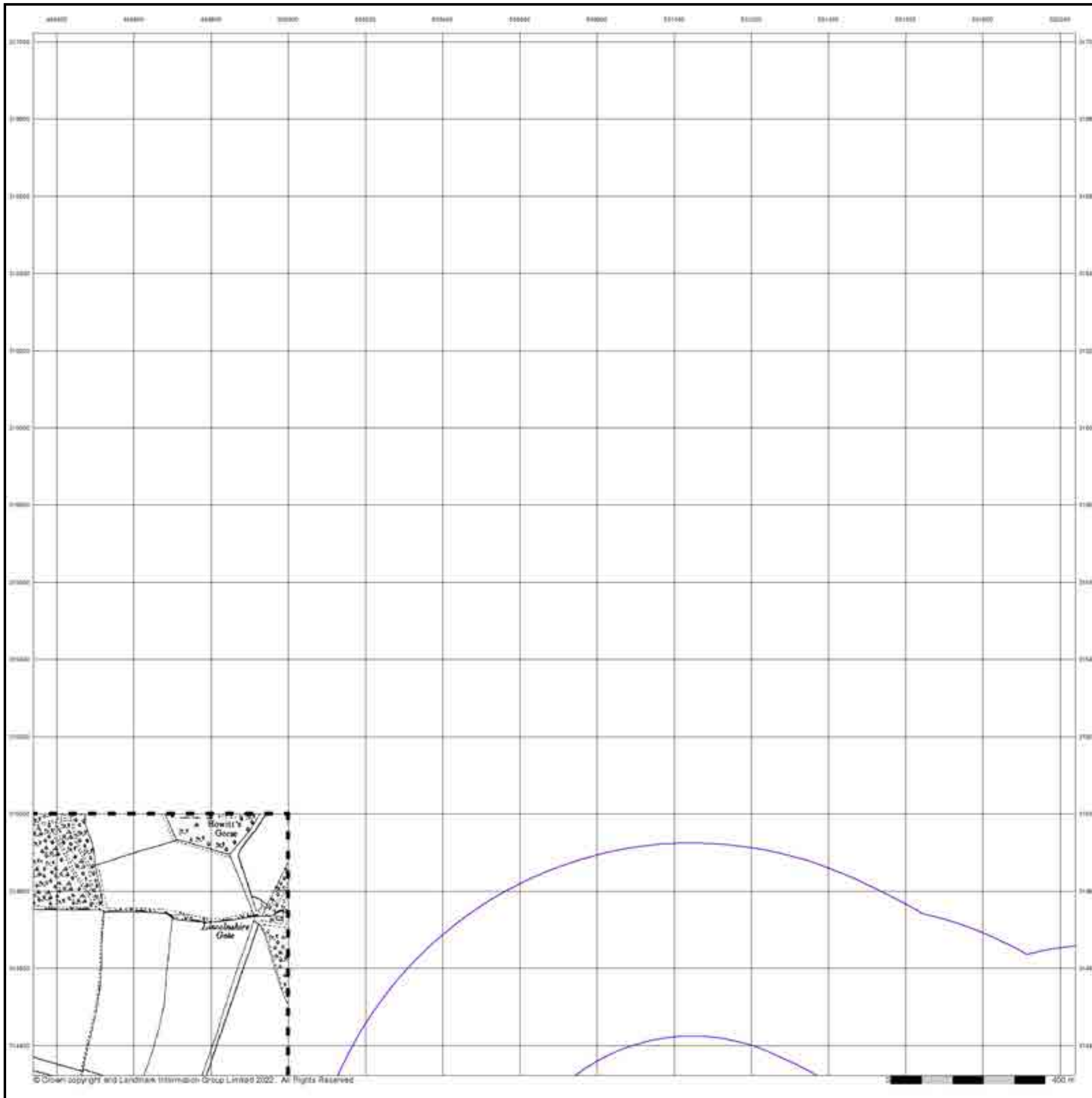


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
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 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1980 - 1983

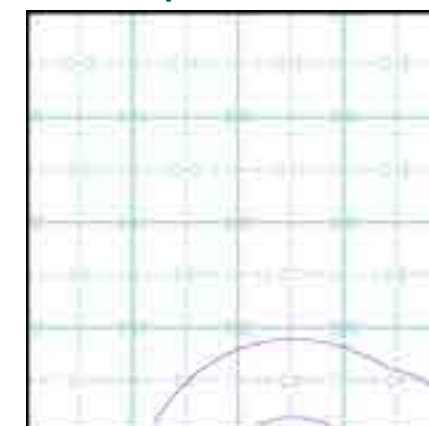
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE	TF01NW
1982	1983
1:10,000	1:10,000
SK91SE	TF01SW
1980	1983
1:10,000	1:10,000

Historical Map - Slice C

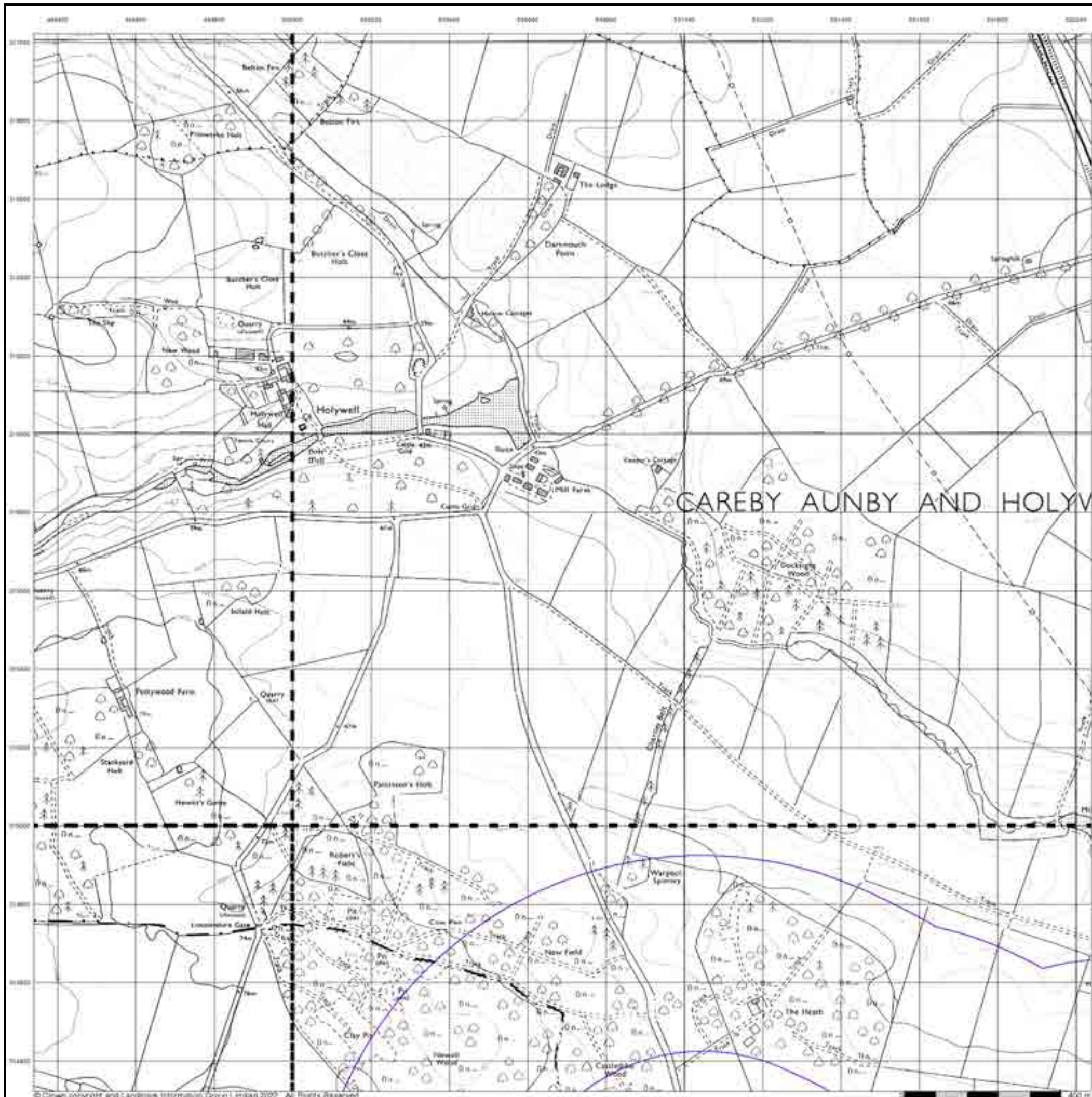


Order Details

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 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



10k Raster Mapping

Published 2000

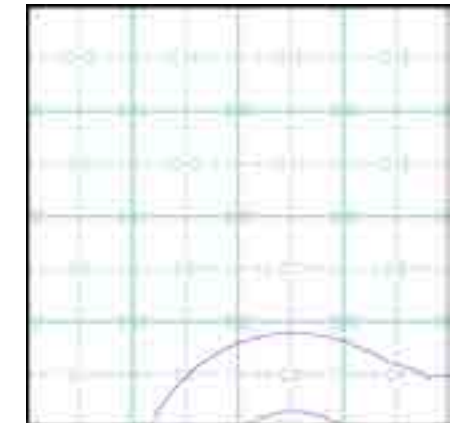
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE	TF01NW
2000	2000
1:10,000	1:10,000
C	
SK91SE	TF01SW
2000	2000
1:10,000	1:10,000

Historical Map - Slice C

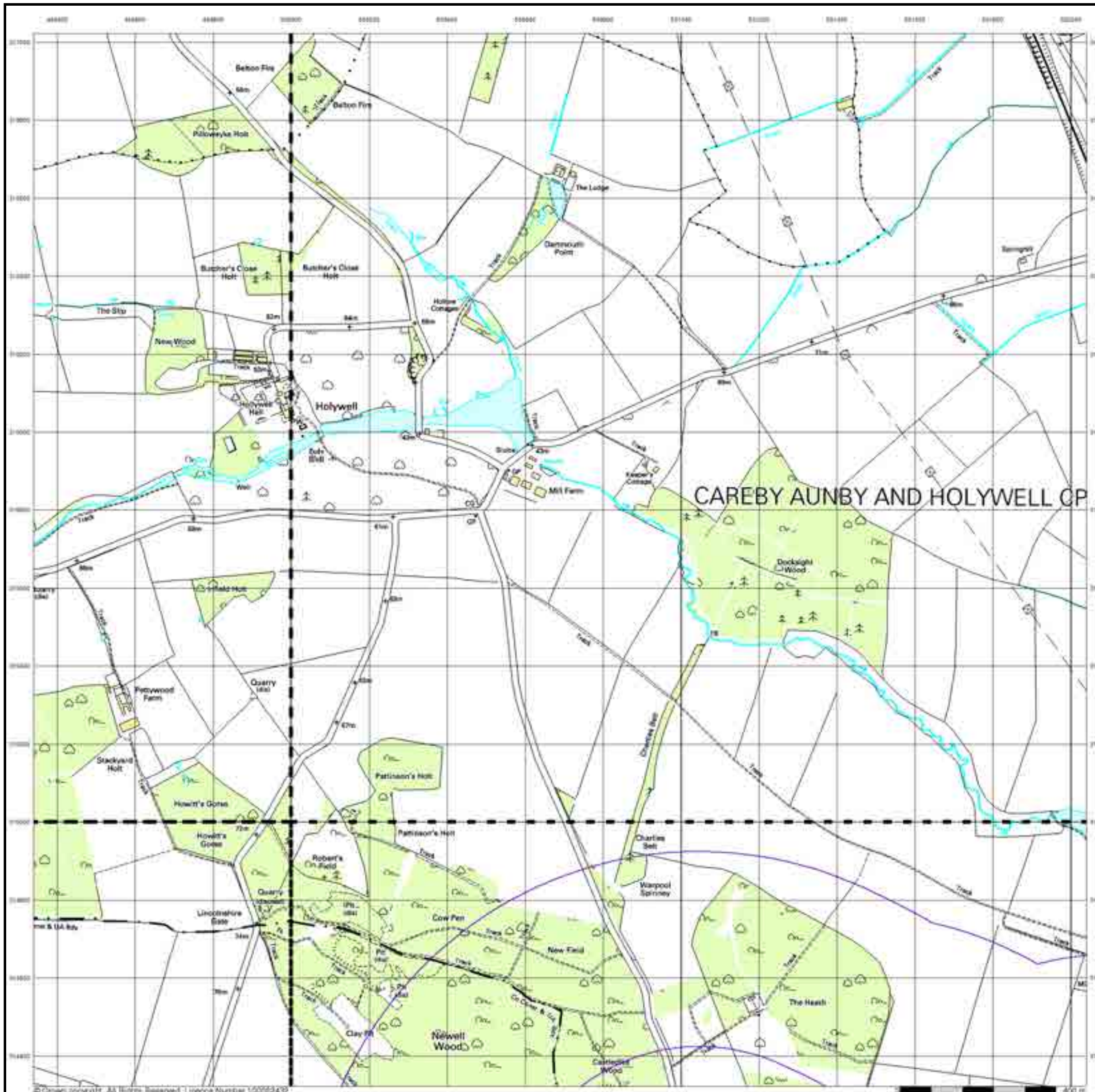


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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10k Raster Mapping

Published 2006

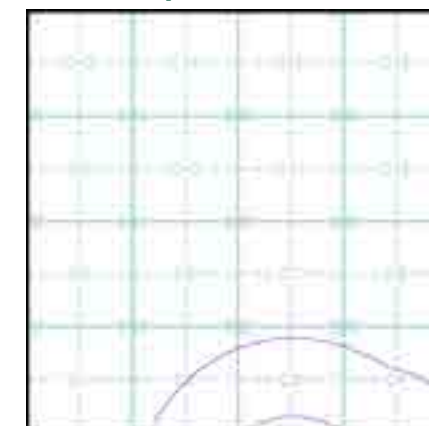
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE	TF01NW
2006	2006
1:10,000	1:10,000
C	
SK91SE	TF01SW
2006	2006
1:10,000	1:10,000

Historical Map - Slice C

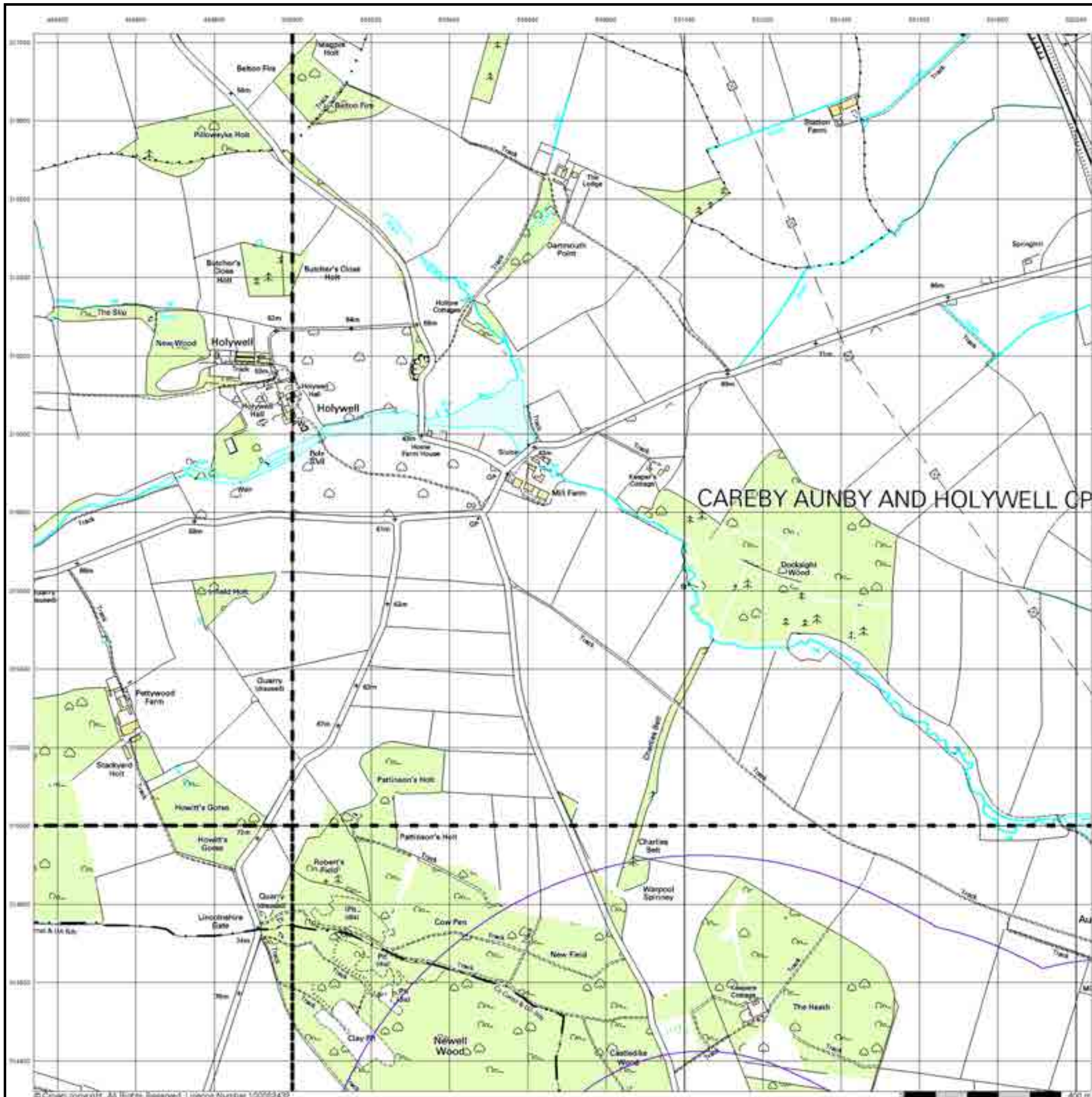


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



VectorMap Local

Published 2021

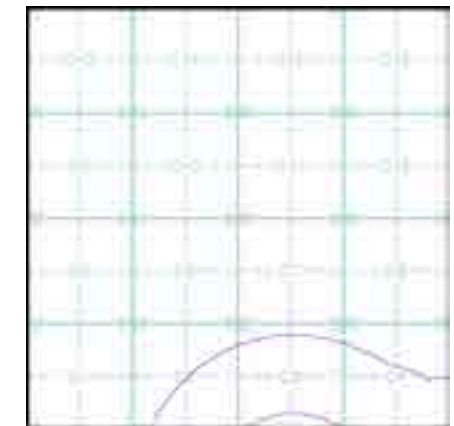
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE 2021 Variable	TF01NW 2021 Variable
SK91SE 2021 Variable	TF01SW 2021 Variable

Historical Map - Slice C

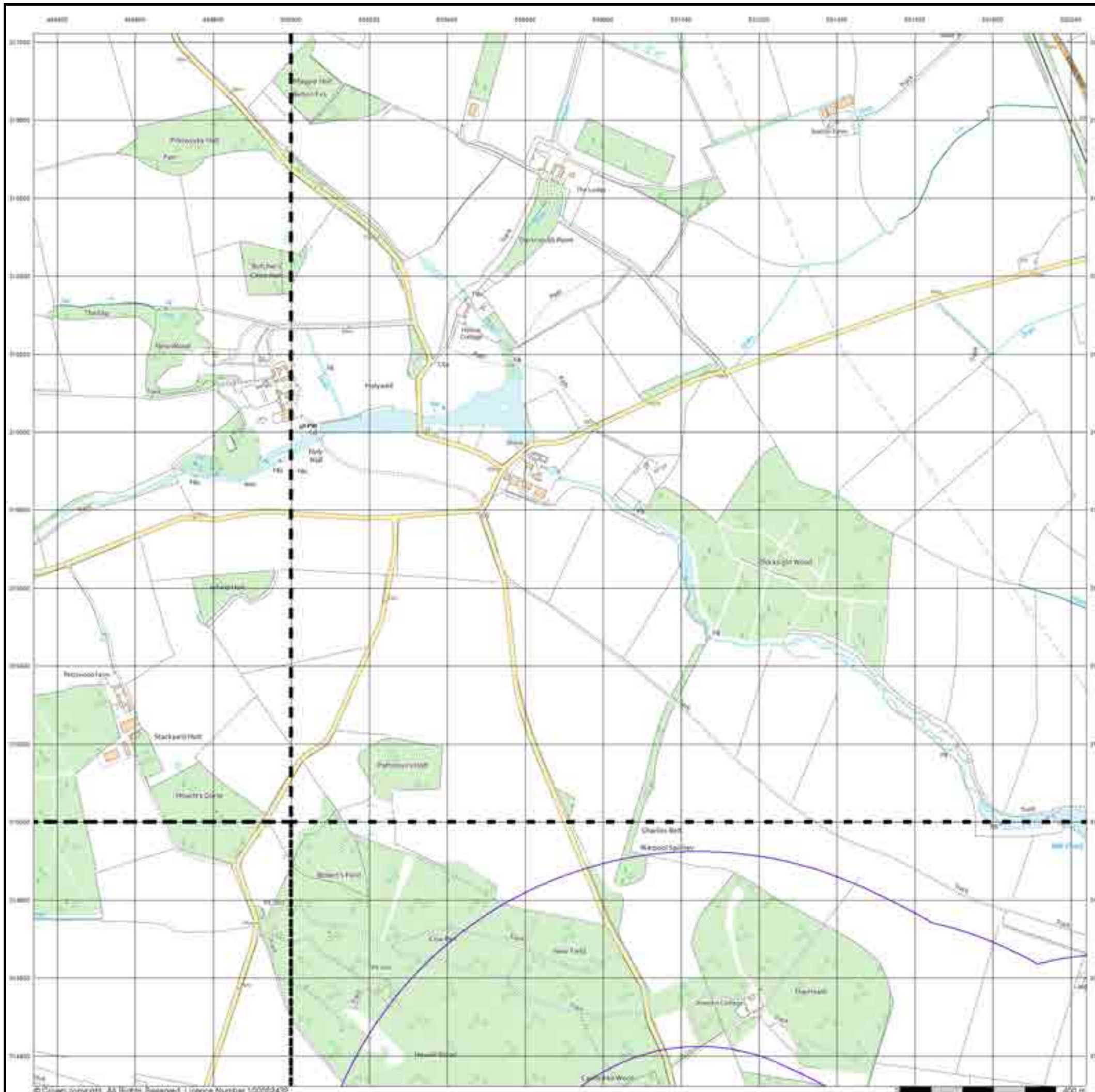


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

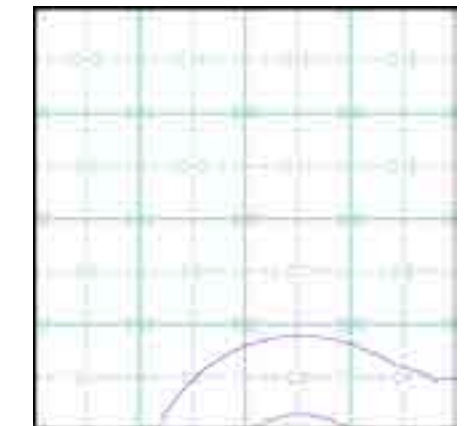
Site Details

Site at 502039,313310



- | | | | | |
|--|--|---|---|--|
| General | Specified Site | Greened Buffer(s) | Drinking Water Point | Map ID |
| Agency and Hydrological | | | | |
| Contaminated Land Register Entry or Notice (Licensing) | Discharge Consent | Enforcement or Prohibition Notice | Integrated Pollution Control | Local Authority Integrated Pollution Prevention and Control |
| Discharge Consent | Enforcement or Prohibition Notice | Integrated Pollution Control | Local Authority Integrated Pollution Prevention and Control | Local Authority Pollution Prevention and Control Enforcement |
| Local Authority Pollution Prevention and Control | Local Authority Pollution Prevention and Control Enforcement | Pollution Incident to Controlled Waters | Prosecution relating to Authorised Processes | Prosecution relating to Controlled Waters |
| Registered Radioactive Substance | River Network or Water Feature | River Quality Sampling Point | Substantiated Pollution Incident Register | Water Abstraction |
| Water Industry Act Permit | Hazardous Substances | | | |
| COMAH Site | Explosive Site | MRFC Site | Planning Hazardous Substance Consent | Planning Hazardous Substance Enforcement |
| Geological | | | | |
| BGS Recorded Mineral Site | | | | |
| Waste | | | | |
| BGS Recorded Landfill Site (Location) | BGS Recorded Landfill Site | EA Historic Landfill (Below Park) | EA Historic Landfill (Above) | 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) | Potentially Infilled Land (Water) | Potentially Infilled Land (Water) | Registered Landfill Site (Location) | Registered Landfill Site (Past Surface to 30m) |
| Registered Landfill Site (Past Surface to 30m) | Registered Landfill Site (Past Surface to 30m) | Registered Waste Transfer Site (Location) | Registered Waste Transfer Site | Registered Waste Treatment or Disposal Site (Location) |
| Registered Waste Treatment or Disposal Site (Location) | Registered Waste Treatment or Disposal Site | | | |

Site Sensitivity Map - Slice C



Order Details






Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Industrial Land Use Map

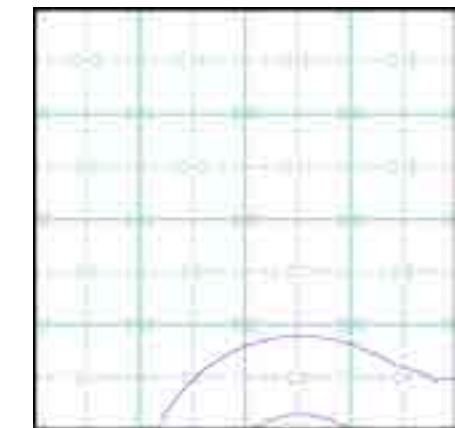
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice C

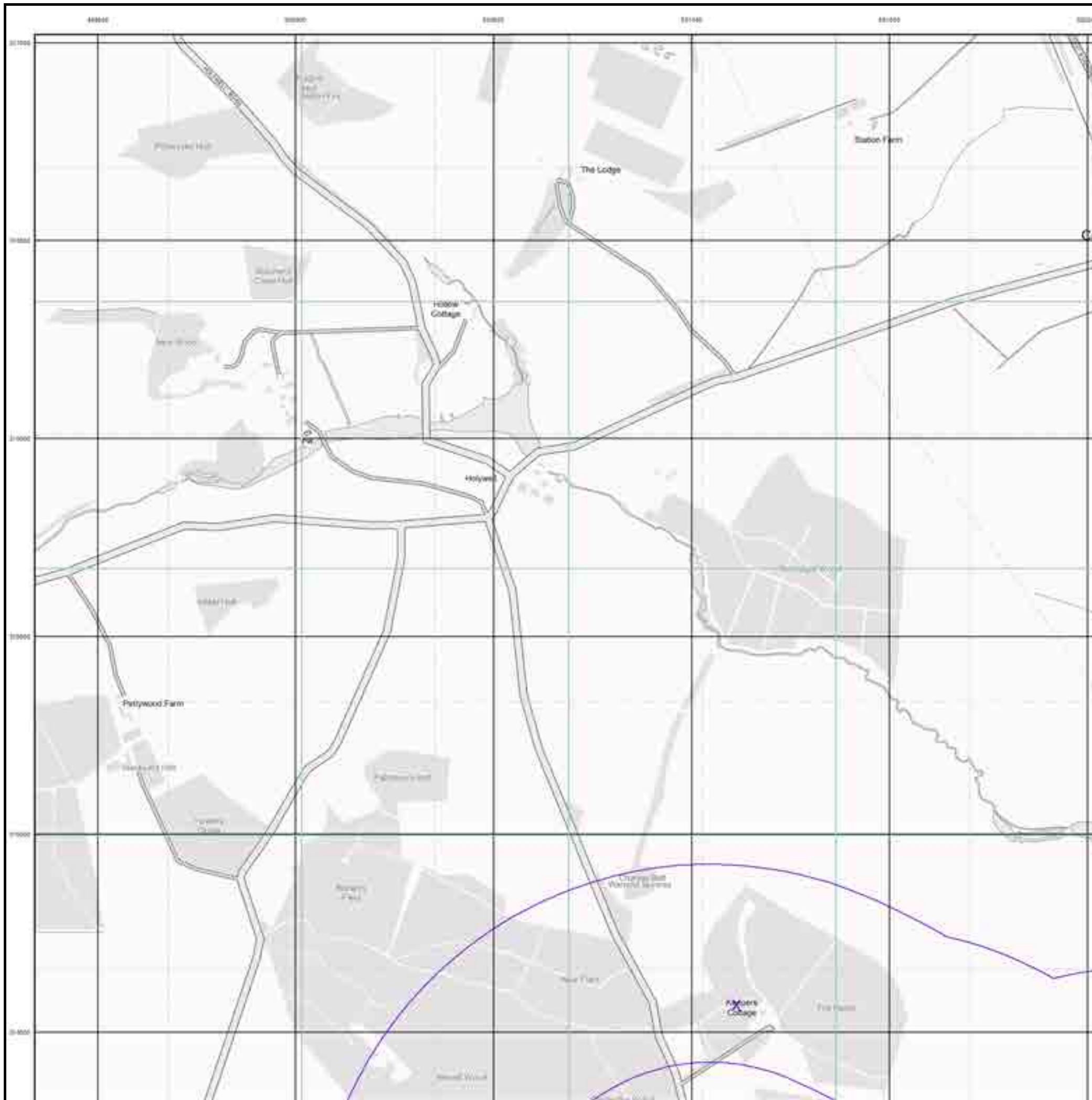


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



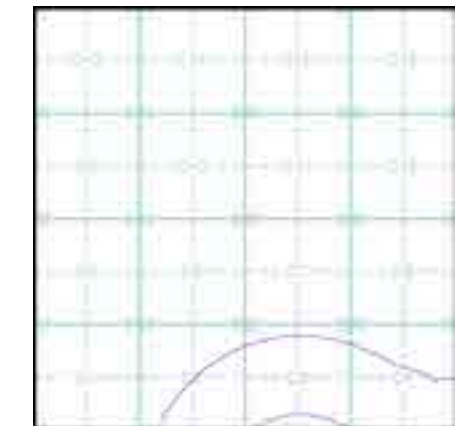
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice C

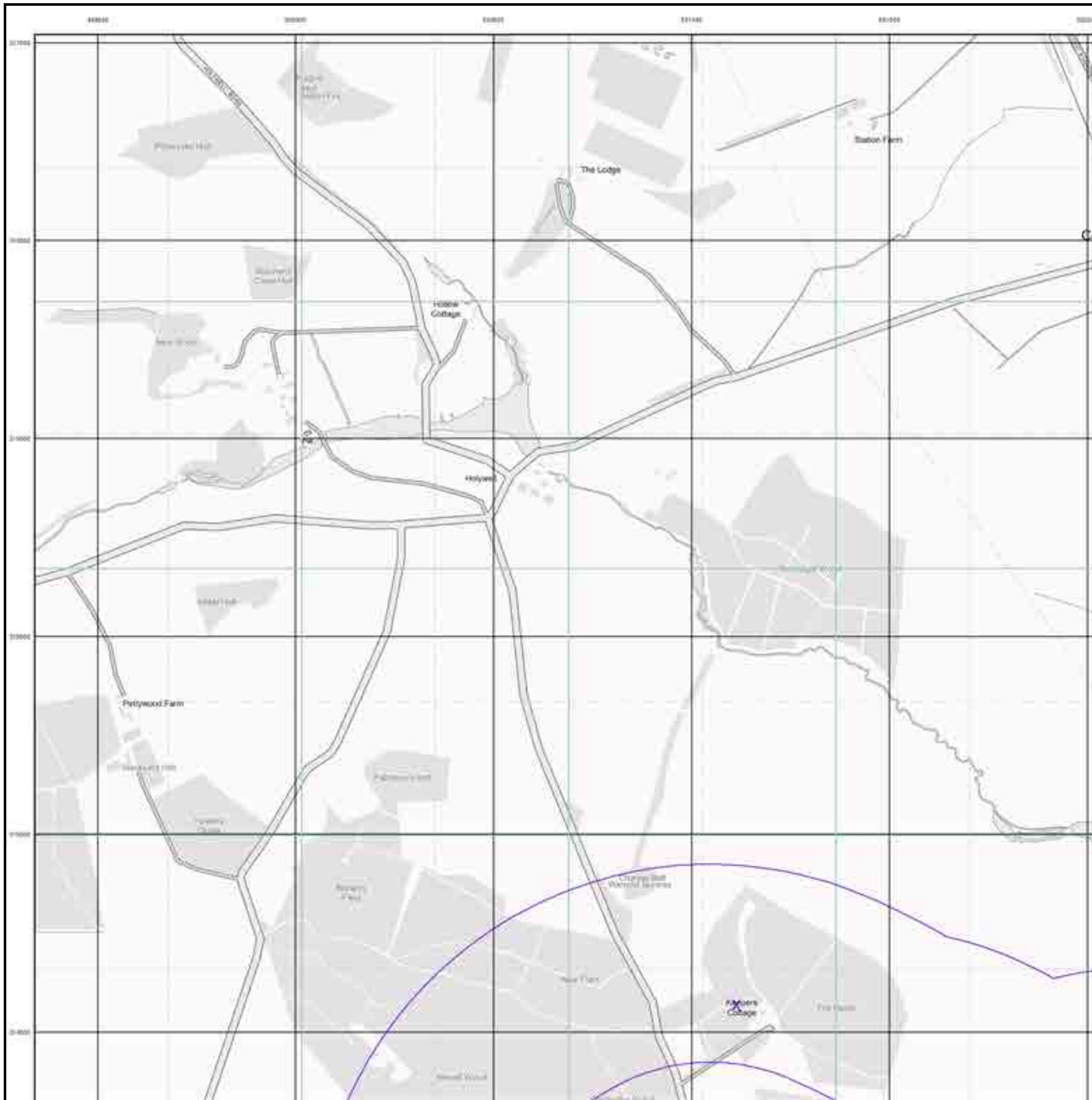


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



General

- Specified Site
- Specified Buffer(s)
- Design Reference Point
- HED ID
- Service of Type at Location

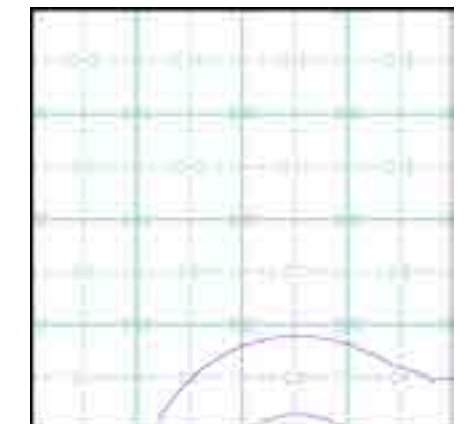
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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General

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

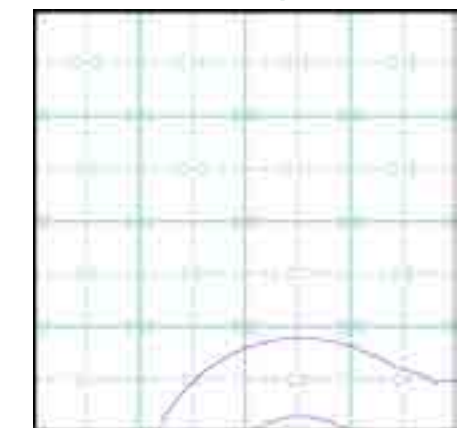
OS Water Network Data

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

Contours (height in meters)

- | | | |
|------------------|--|-----------------|
| Standard Contour | | Mean Low Water |
| Master Contour | | Mean High Water |
| Spot Height | | |

OS Water Network Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

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

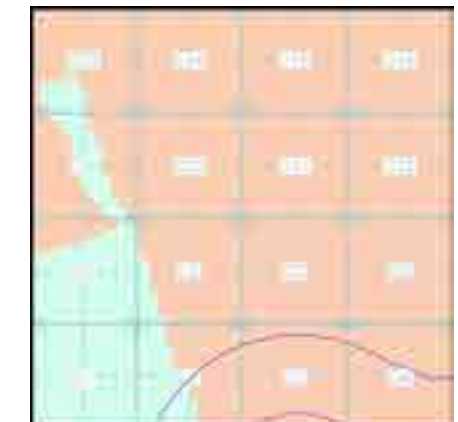
Risk of Flooding from Surface Water

- 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

EANRW Suitability Map - Slice C

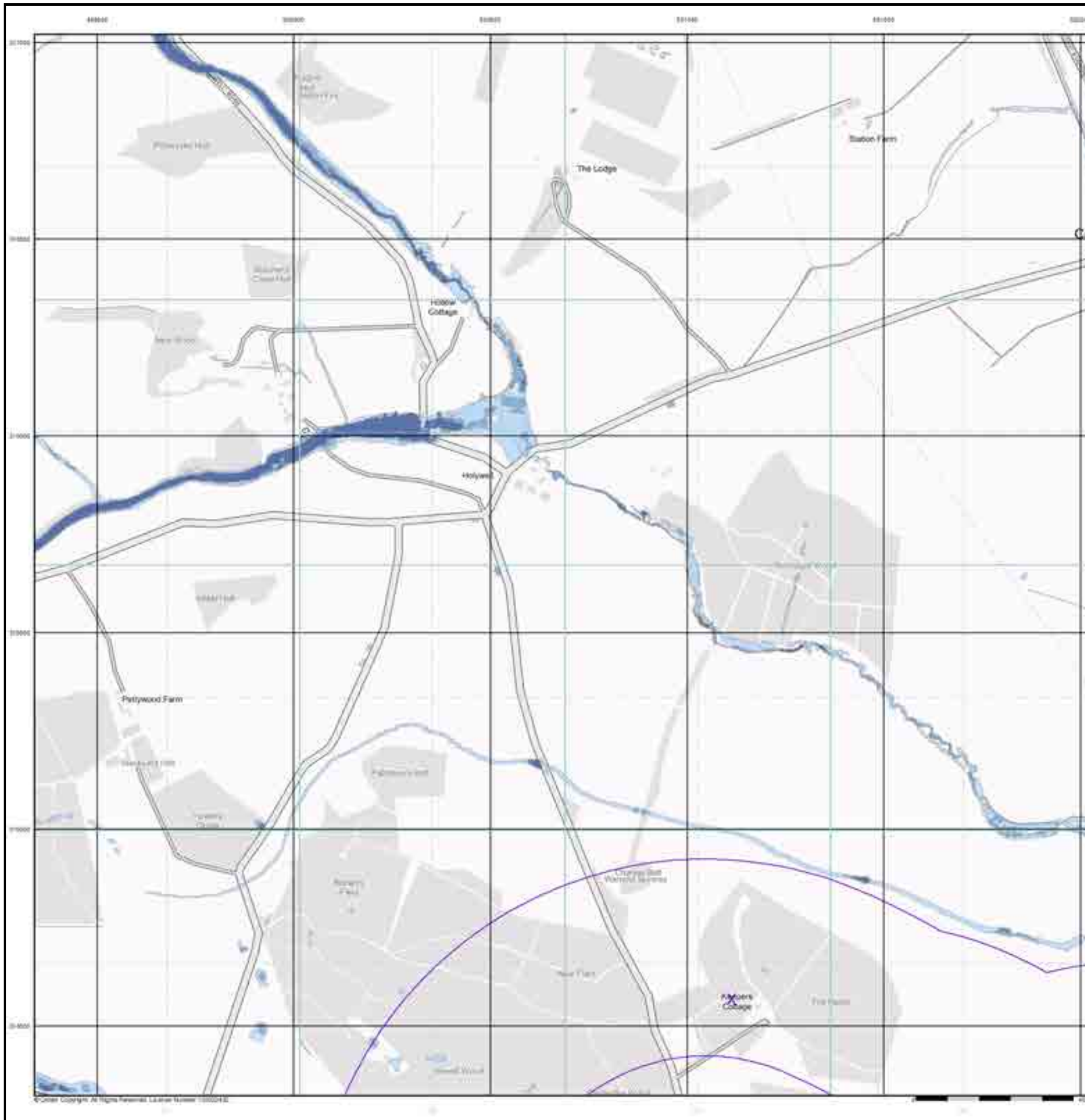


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

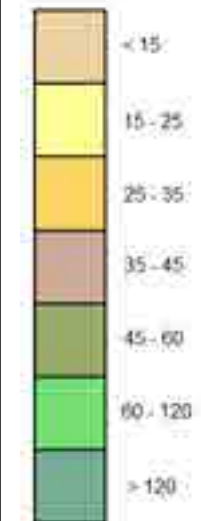


General

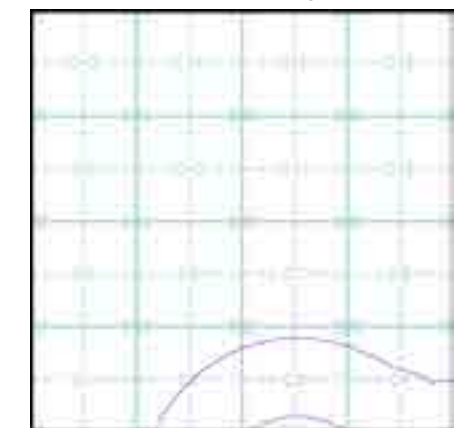
Sewerbed Site
 Spoilted Battery(s)
 Heavy Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice C



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

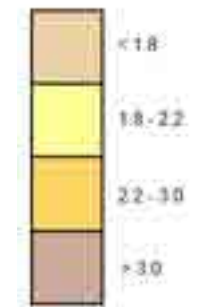
Site at 502039,313310

General

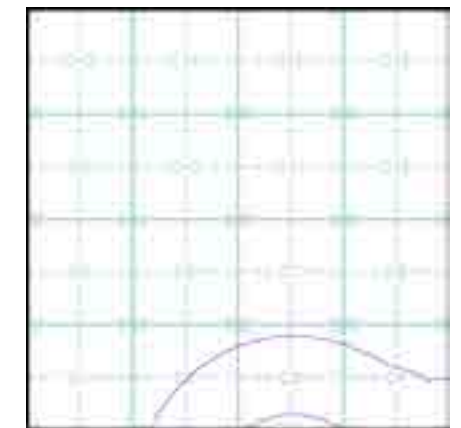
Specified Site
 Specified Buffer(s)
 Existing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice C



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

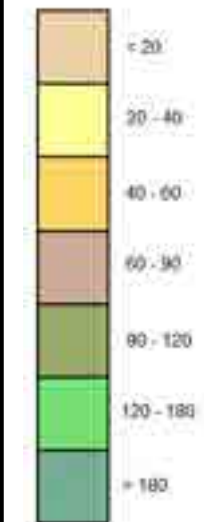
Site at 502039,313310

General

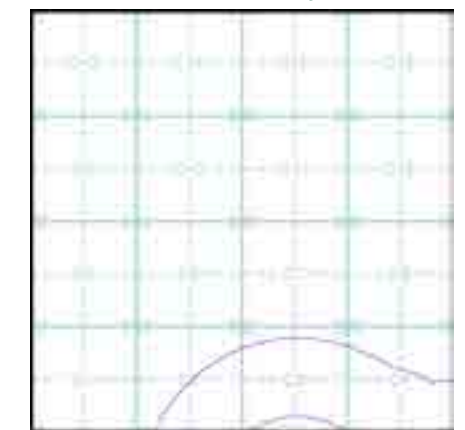
Selected Site Selected Buffers Selected Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice C



Order Details

Order Details: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501110, 314570
Slice: C
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

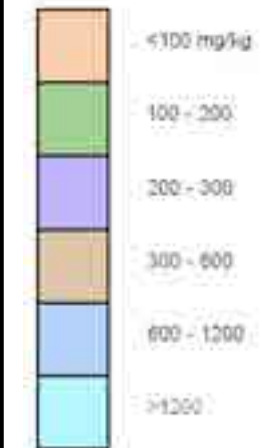
Site at 502039,313310

General

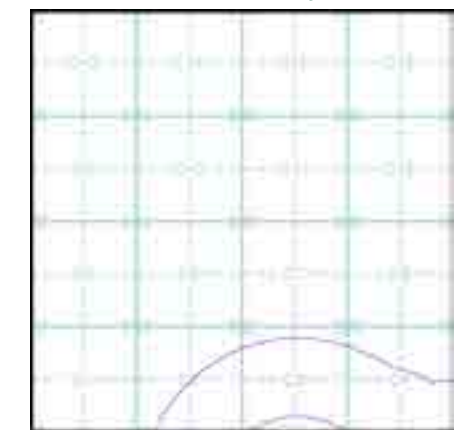
Searched Site Searched Buffer(s) Energy Efficiency Data

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice C



Order Details

Order Details: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501110, 314570
Slice: C
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

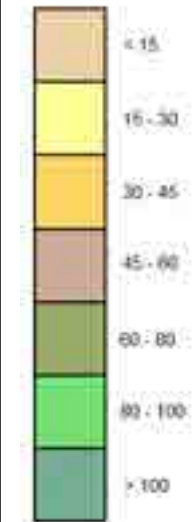
Site at 502039,313310

General

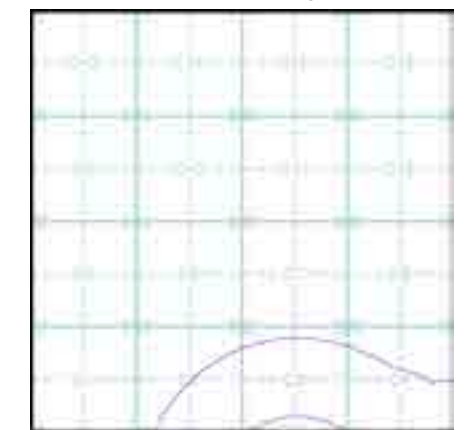
Specified Data
 Specified Results
 Showing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice C



Order Details





Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details










Site at 502039,313310

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BWL	Blisworth Limestone Formation	Limestone	Not Supplied - Bathonian
	BWC	Blisworth Clay Formation	Mudstone	Not Supplied - Bathonian
	CB	Combrash Formation	Limestone	Not Supplied - Bathonian
	LLL	Lower Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	ULL	Upper Lincolnshire Limestone Member	Limestone	Not Supplied - Bajocian
	RLD	Rutland Formation	Argillaceous Rocks with Subordinate Sandstone and Limestone	Not Supplied - Bajocian
	GRF	Grantham Formation	Sandstone, Siltstone and Mudstone	Not Supplied - Aalenian
	NS	Northampton Sand Formation	Ironstone, Ooidal	Not Supplied - Aalenian
		Faults		

Geology 1:50,000 Maps

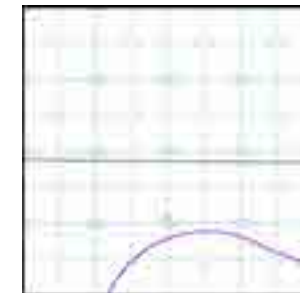
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	157
Map Name:	Stamford
Map Date:	1978
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice C

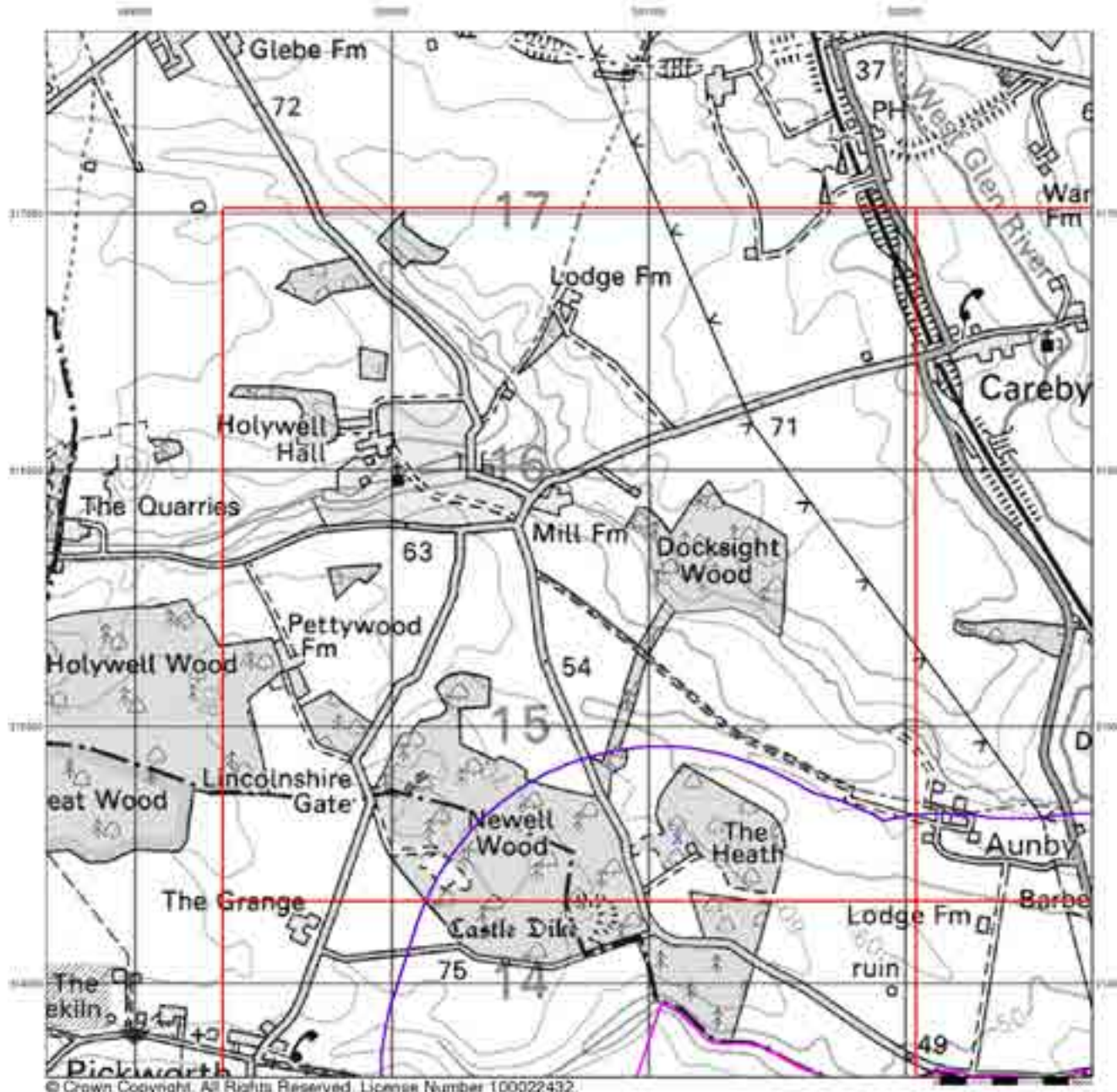


Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	501110, 314570
Slice:	C
Site Area (Ha):	162.75
Search Buffer (m):	1000

Site Details:

Site at 502039,313310



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Artificial Ground and Landslip

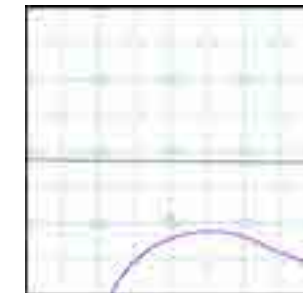
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice C



Order Details:

Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

Site at 502039,313310

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



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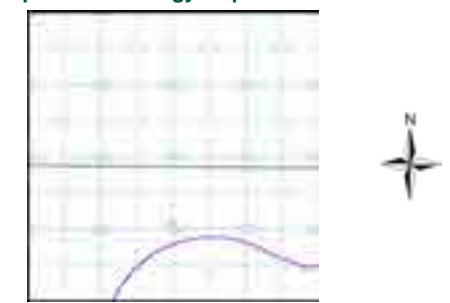
Superficial Geology

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

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

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

Superficial Geology Map - Slice C

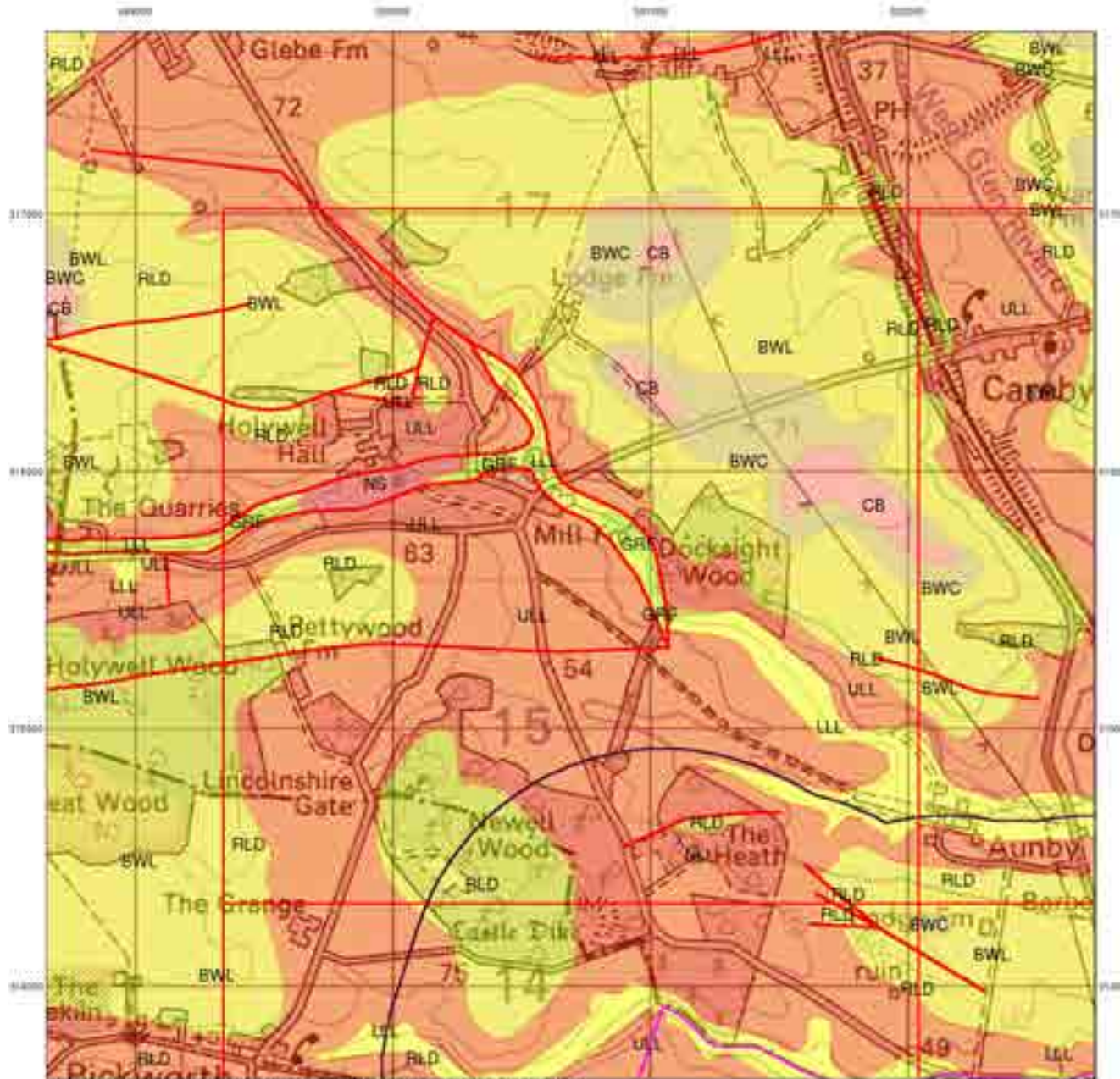


Order Details:

Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

Site at 502039,313310



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Bedrock and Faults

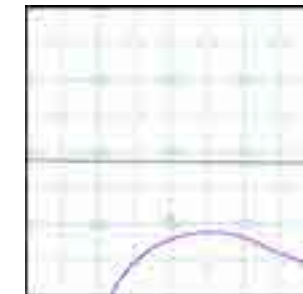
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice C

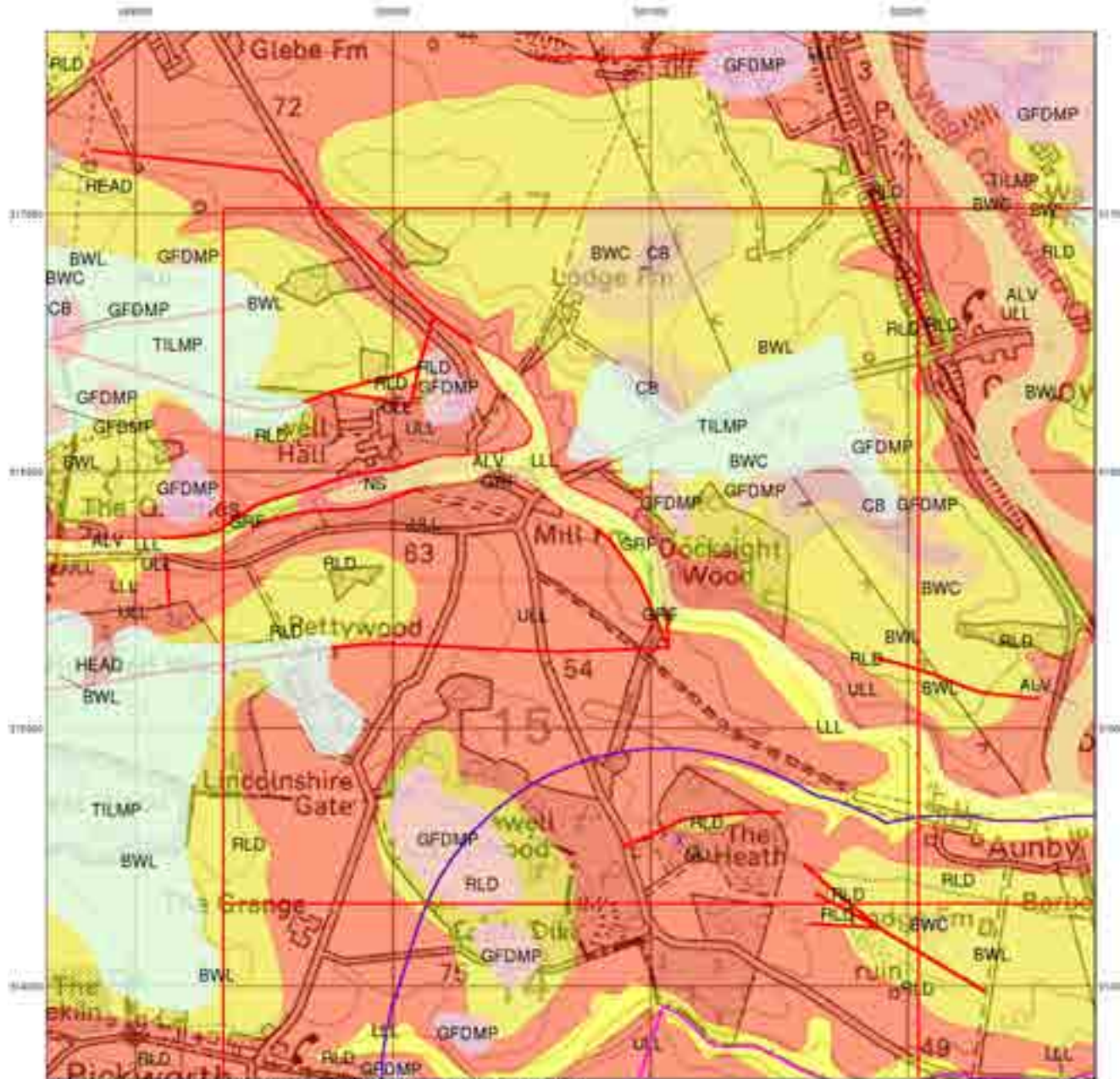


Order Details:

Order Number: 293359405_1_1
 Customer Reference: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details:

Site at 502039,313310



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Combined Surface Geology

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

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

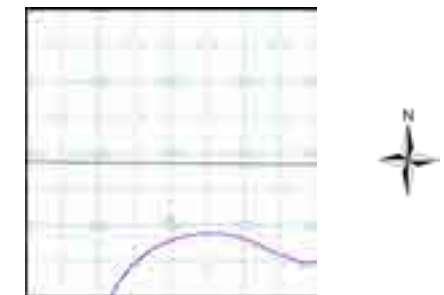
Additional Information

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

Contact

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

Combined Geology Map - Slice C



Order Details:

Order Number:	293359405_1_1
Customer Reference:	4217 - Z1
National Grid Reference:	501110, 314570
Slice:	C
Site Area (Ha):	162.75
Search Buffer (m):	1000

Site Details:

Site at 502039,313310

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		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 Burgh 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
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Direction of Flow of Water
	Glasshouse		Shingle
			Sand
	Sloping Masonry		Pylon
			Electricity Transmission Line
			Pole
	Cutting		Embankment
	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 Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

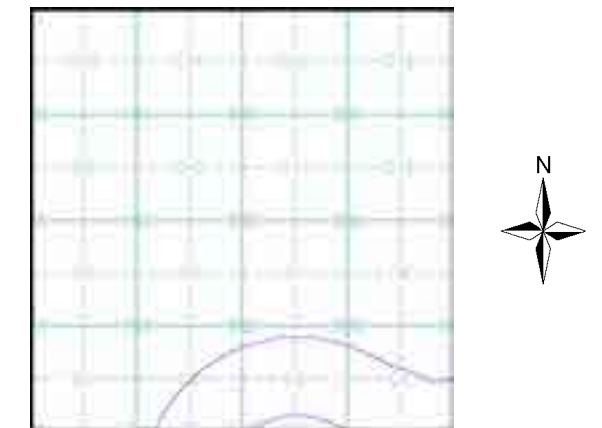
1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	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
Rutland	1:10,560	1884	2
Rutland	1:10,560	1887	3
Lincolnshire	1:10,560	1905	4
Lincolnshire	1:10,560	1952	5
Ordnance Survey Plan	1:10,000	1958 - 1959	6
Ordnance Survey Plan	1:10,000	1974	7
Ordnance Survey Plan	1:10,000	1980 - 1983	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

Historical Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

Rutland

Published 1884

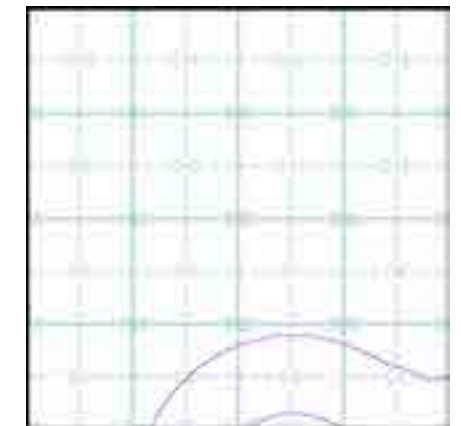
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

003SE
1884
1:10,560
006NE
1884
1:10,560

Historical Map - Slice C

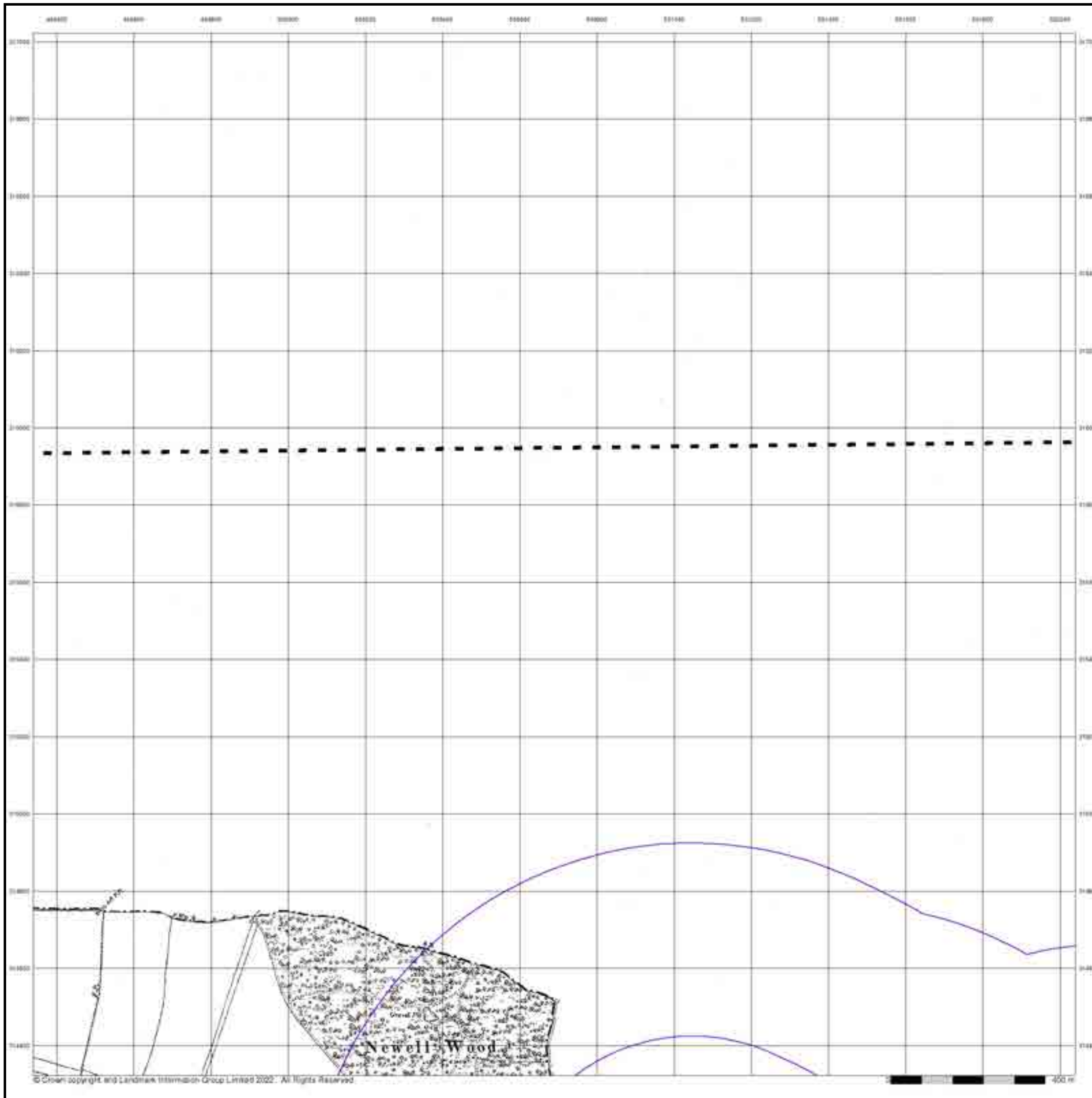


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Rutland

Published 1887

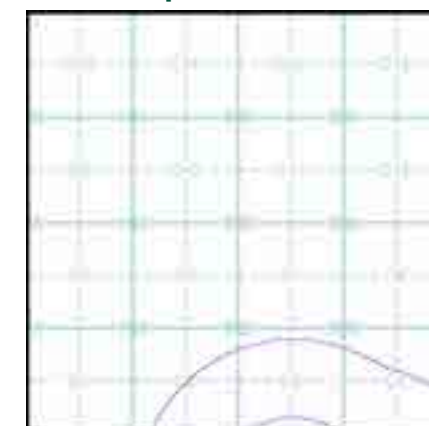
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

003SE
1887
1:10,560
006NE
1887
1:10,560

Historical Map - Slice C

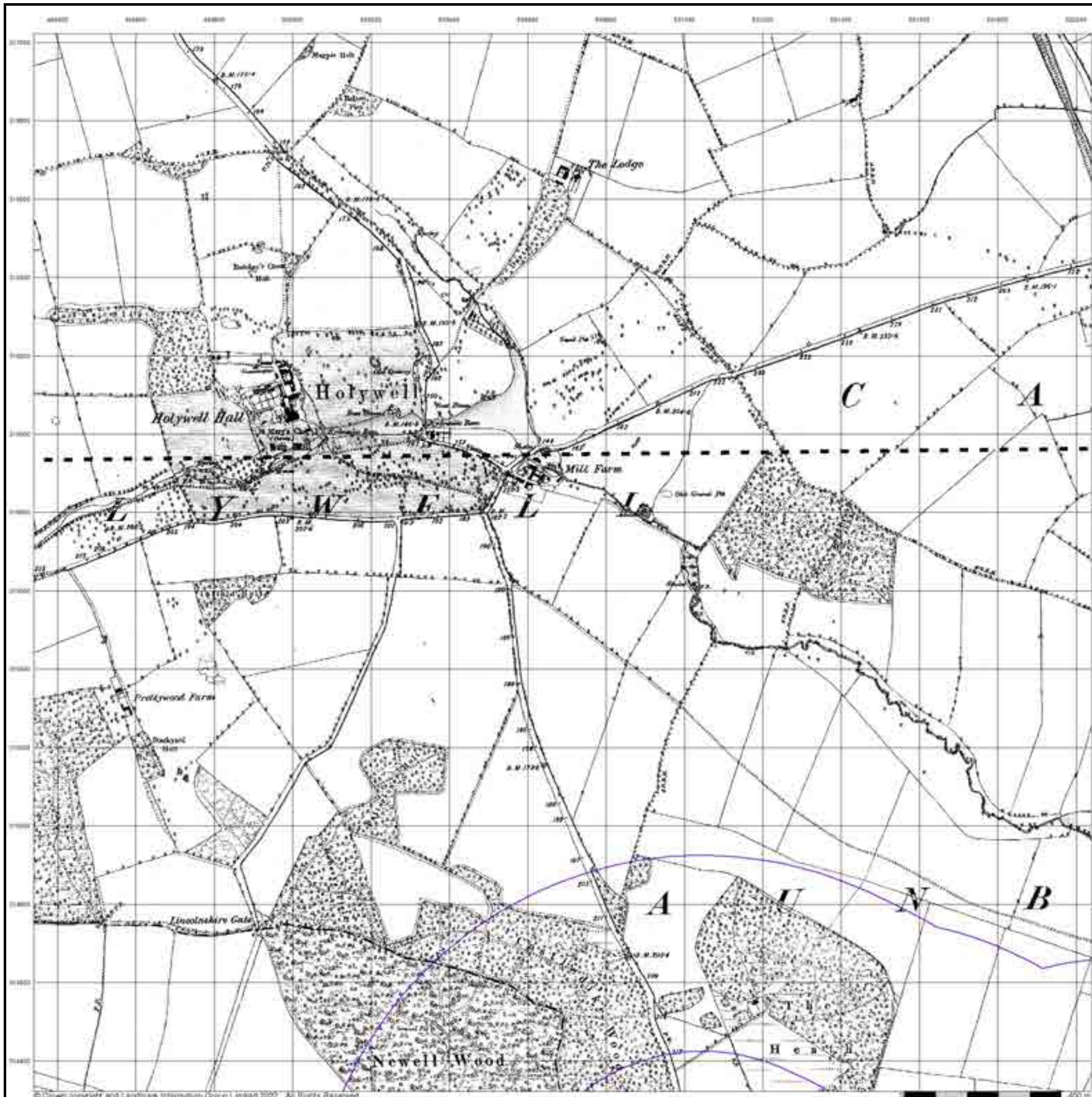


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501110, 314570
Slice: C
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



Lincolnshire

Published 1905

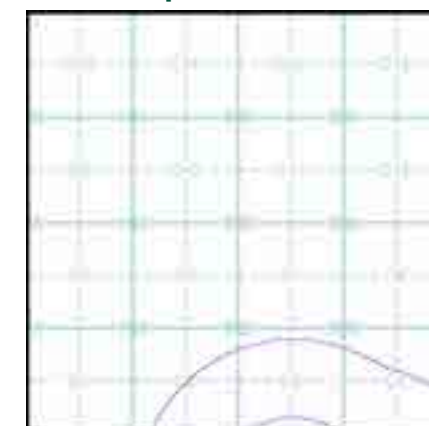
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

139SE
1905
1:10,560
145NE
1905
1:10,560

Historical Map - Slice C

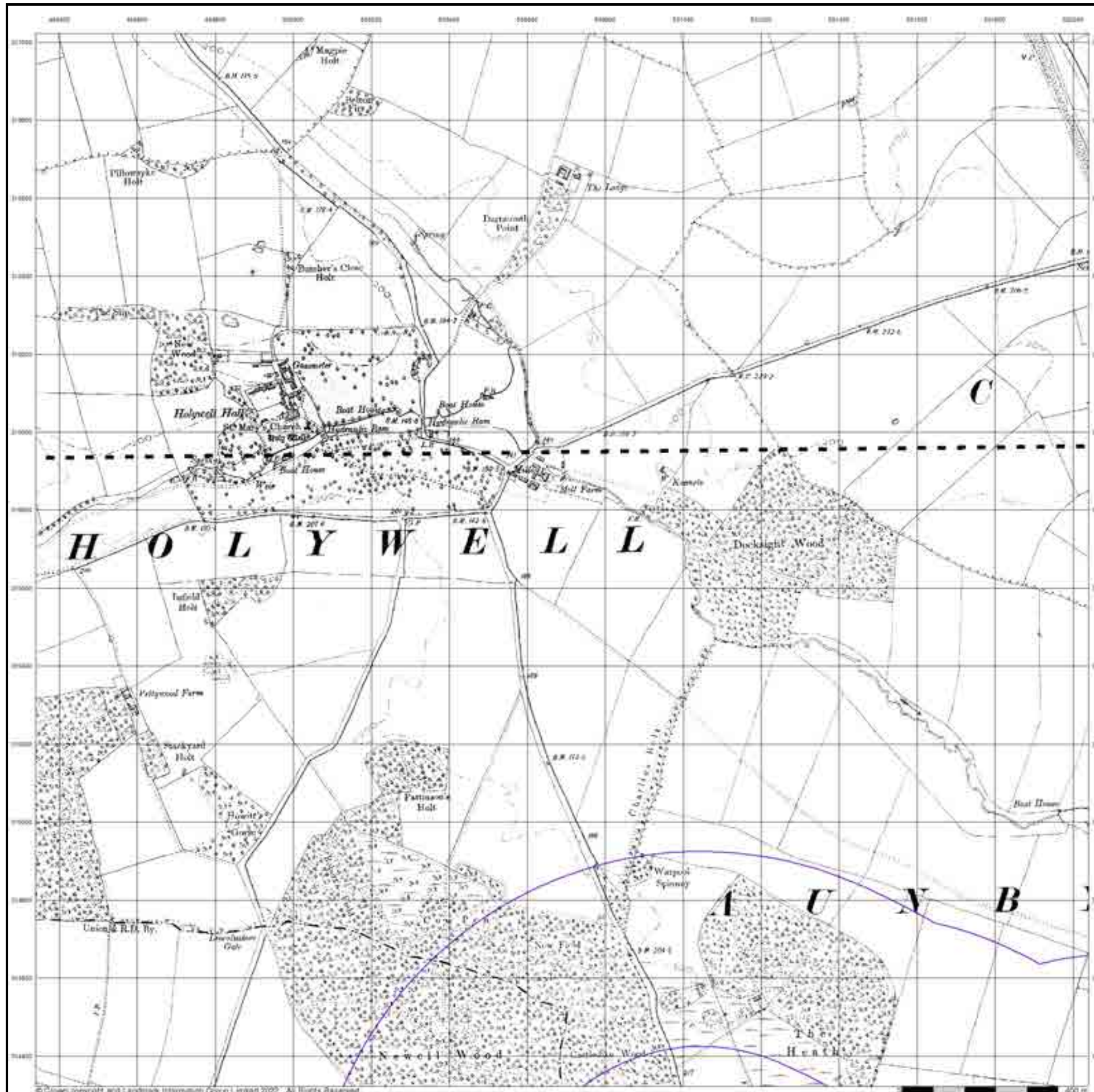


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501110, 314570
Slice: C
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



Lincolnshire

Published 1952

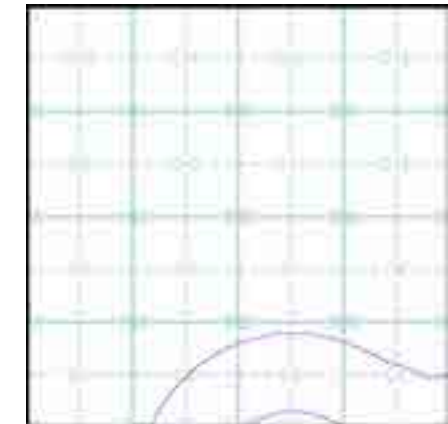
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

139SE	1952	1:10,560
145NE	1952	1:10,560

Historical Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1958 - 1959

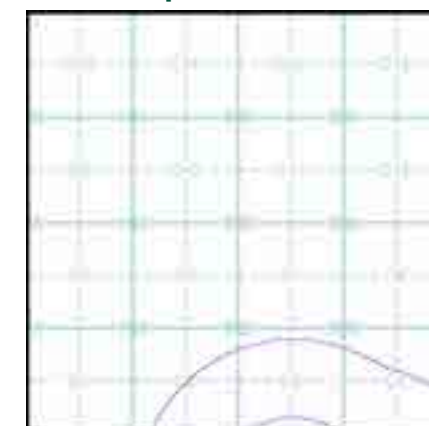
Source map scale - 1:10,000

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)

SK91NE	TF01NW
1959	1958
1:10,560	1:10,560
SK91SE	TF01SW
1958	1959
1:10,560	1:10,560

Historical Map - Slice C

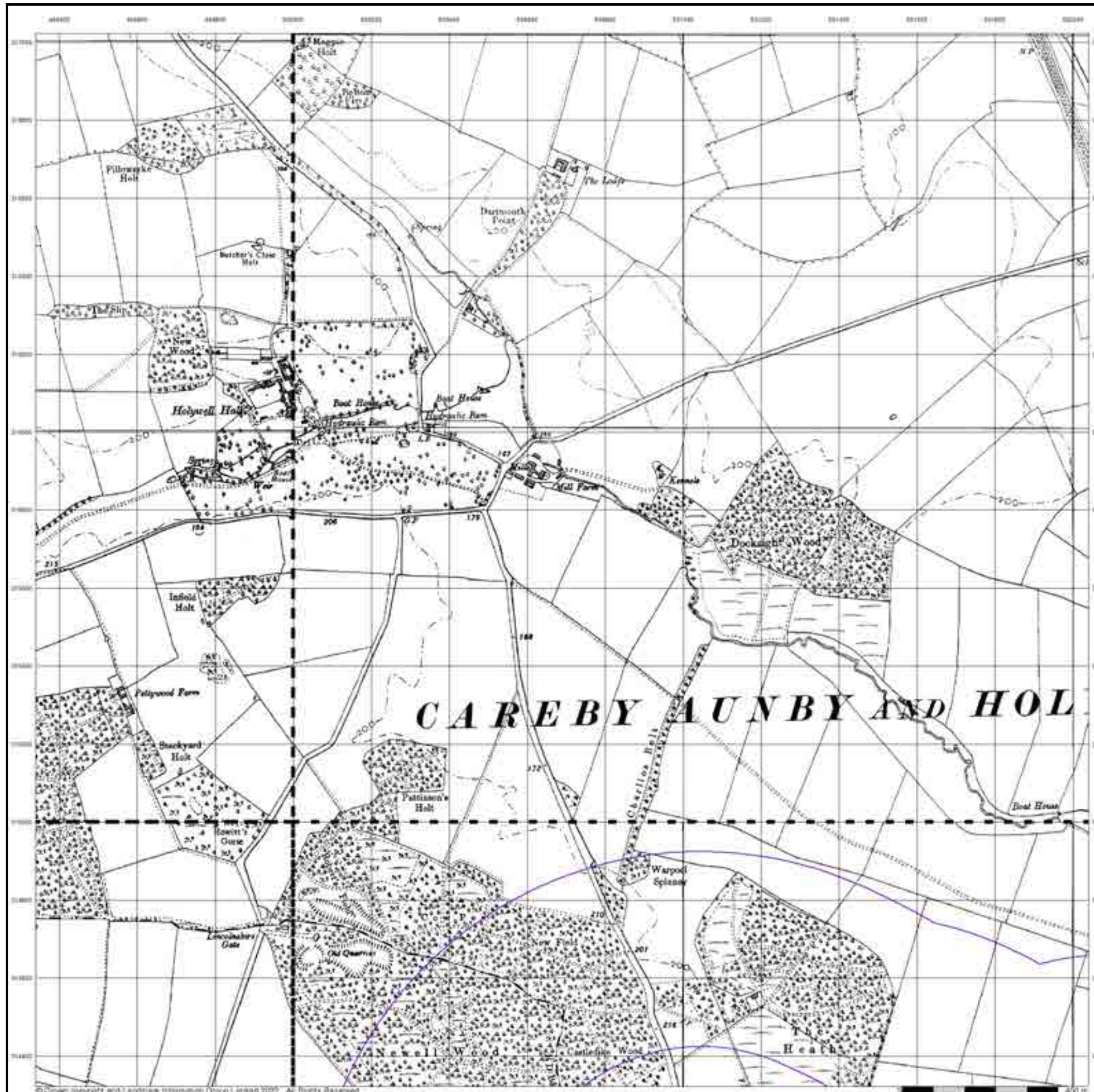


Order Details

Order Number: 293359405_1_1
Customer Ref: 4217 - Z1
National Grid Reference: 501110, 314570
Slice: C
Site Area (Ha): 162.75
Search Buffer (m): 1000

Site Details

Site at 502039,313310



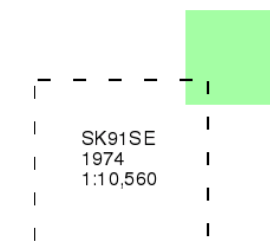
Ordnance Survey Plan

Published 1974

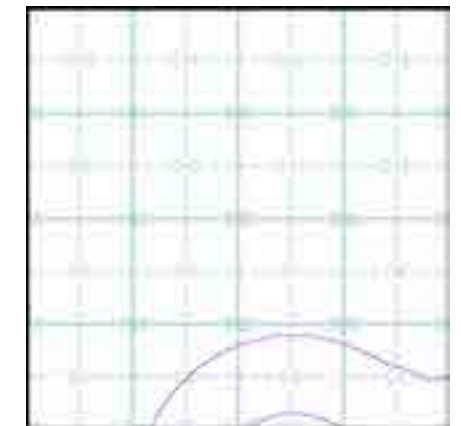
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice C

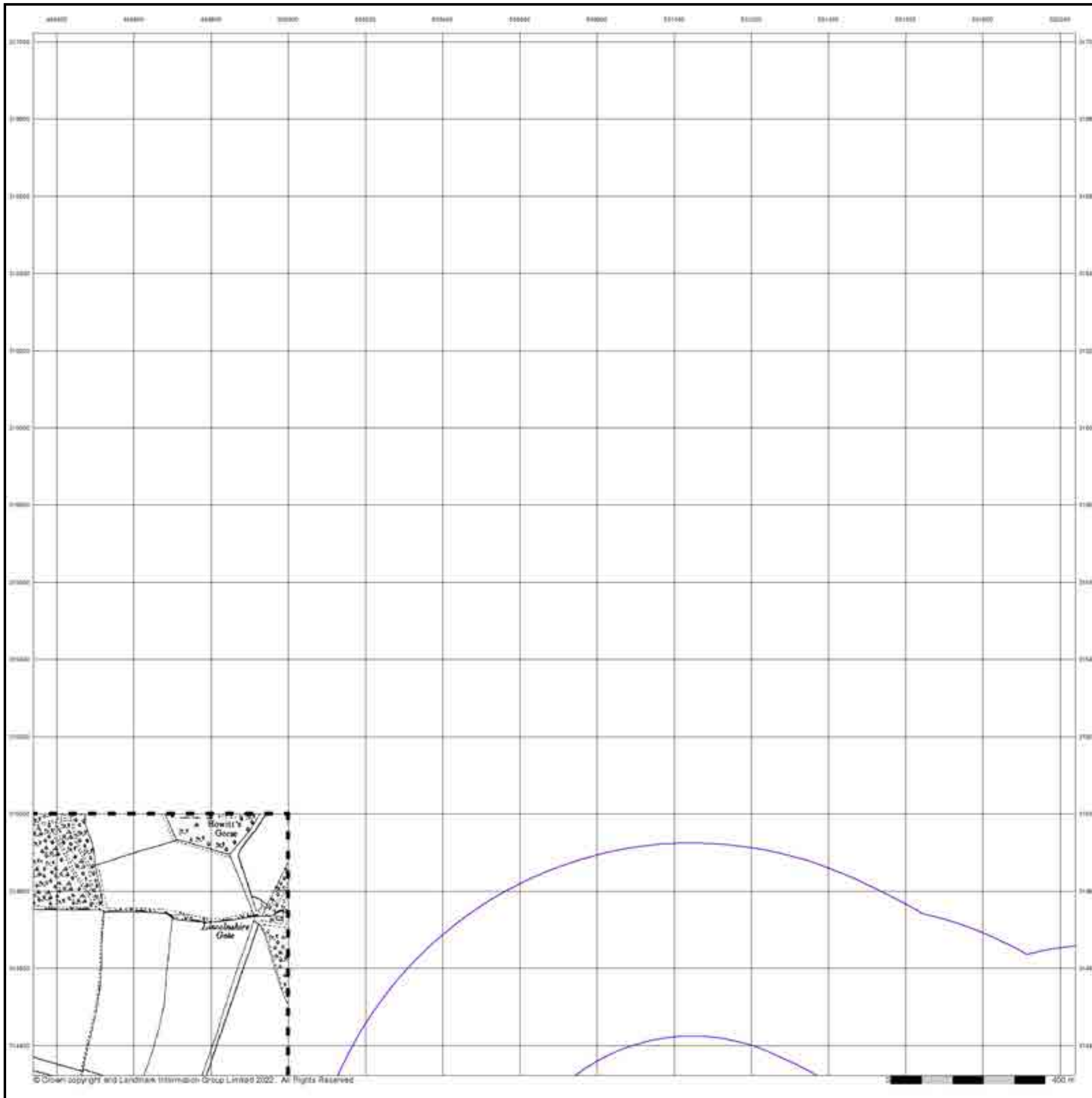


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Ordnance Survey Plan

Published 1980 - 1983

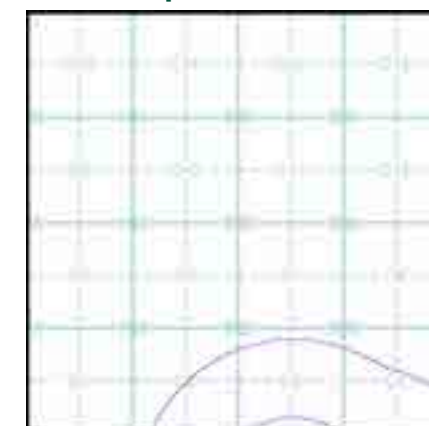
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE	TF01NW
1982	1983
1:10,000	1:10,000
SK91SE	TF01SW
1980	1983
1:10,000	1:10,000

Historical Map - Slice C

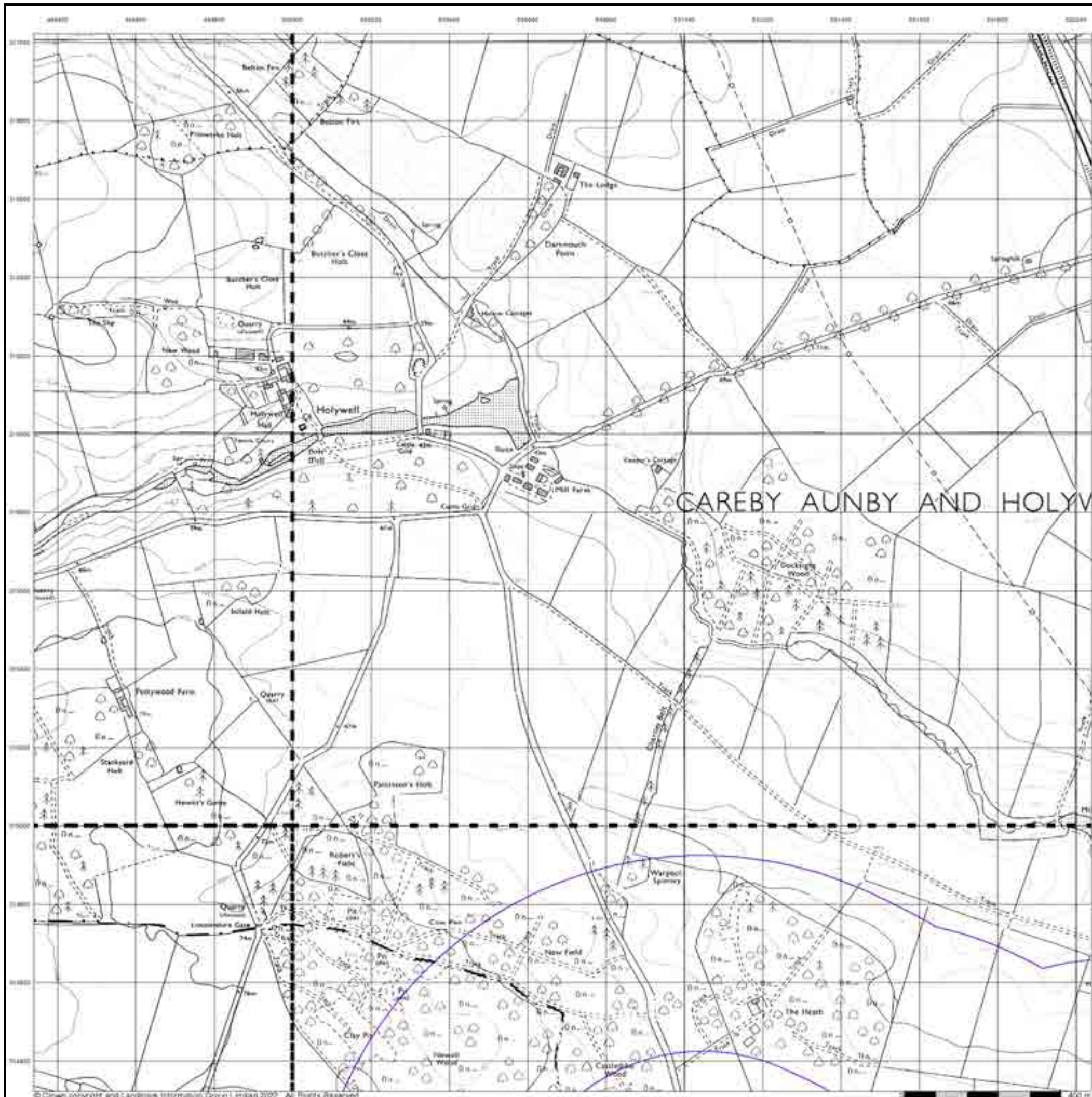


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



10k Raster Mapping

Published 2000

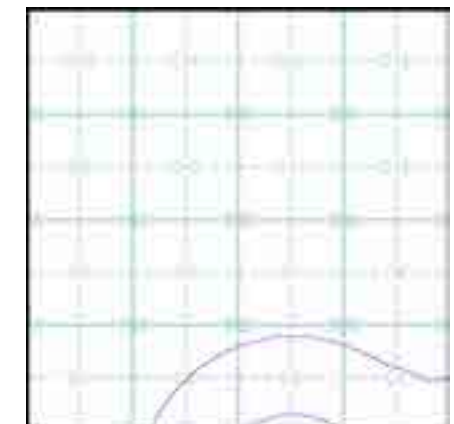
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE	TF01NW
2000	2000
1:10,000	1:10,000
SK91SE	TF01SW
2000	2000
1:10,000	1:10,000

Historical Map - Slice C

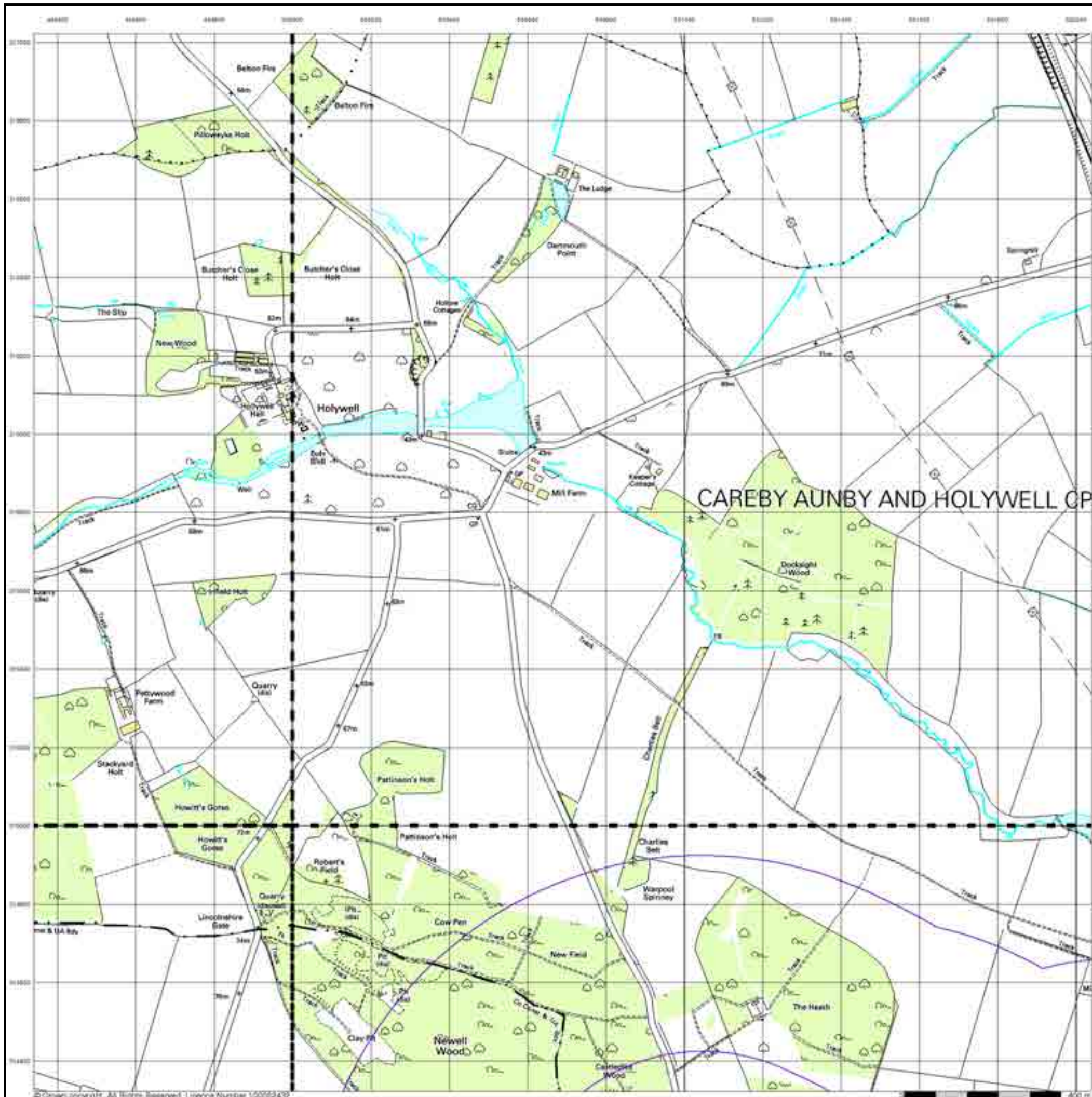


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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VectorMap Local

Published 2021

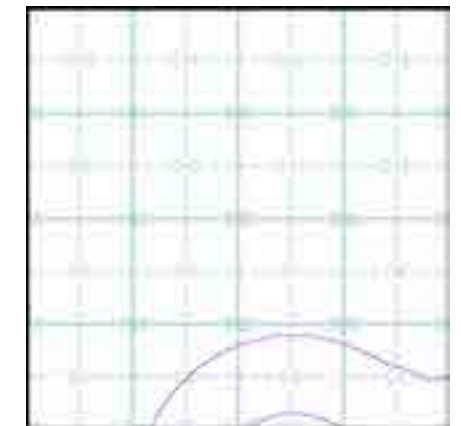
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK91NE 2021 Variable	TF01NW 2021 Variable
SK91SE 2021 Variable	TF01SW 2021 Variable

Historical Map - Slice C

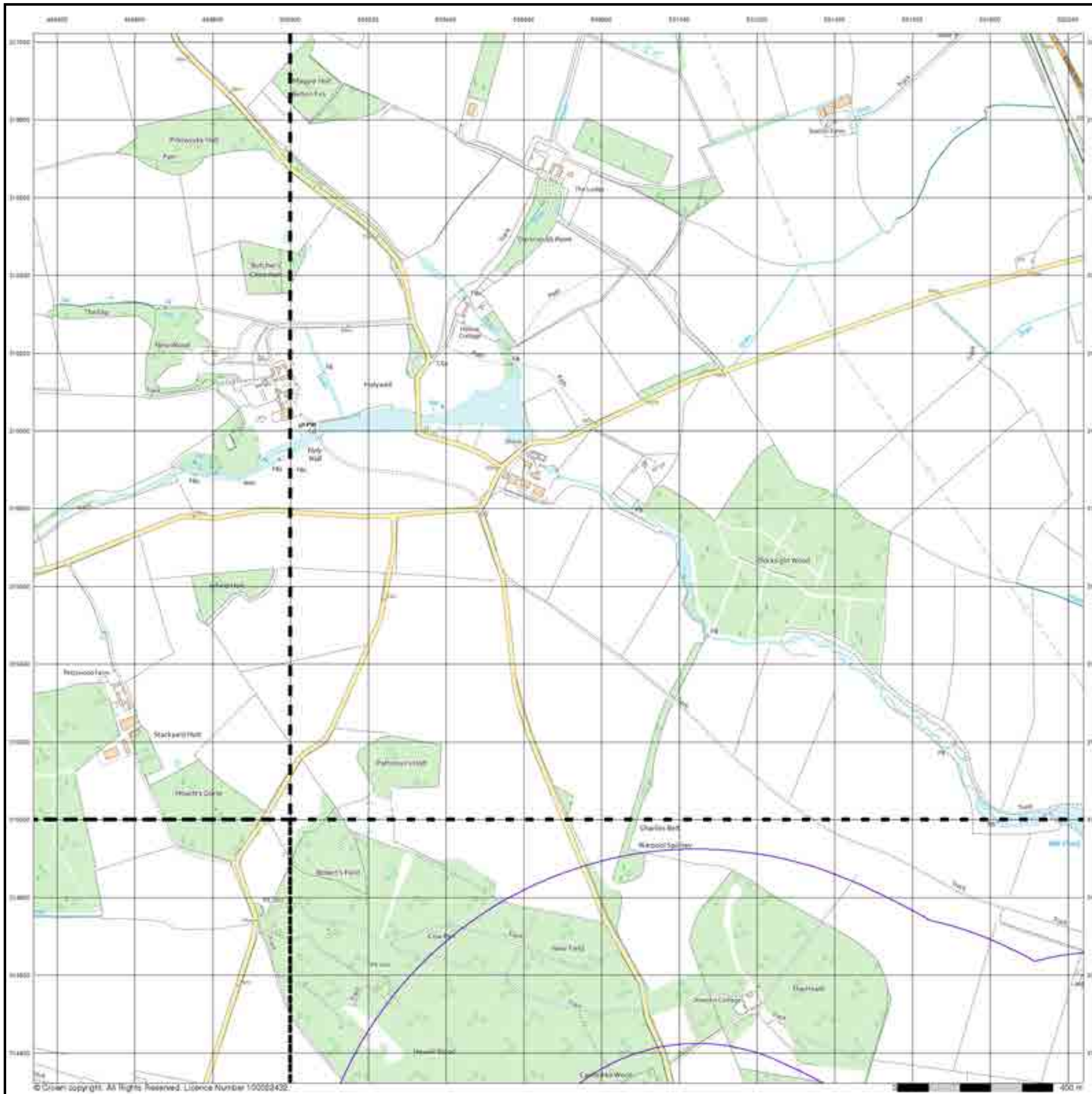


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000






Site Details

Site at 502039,313310



Industrial Land Use Map

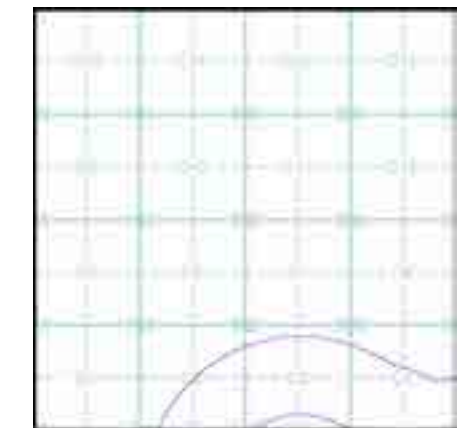
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice C



Order Details


Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



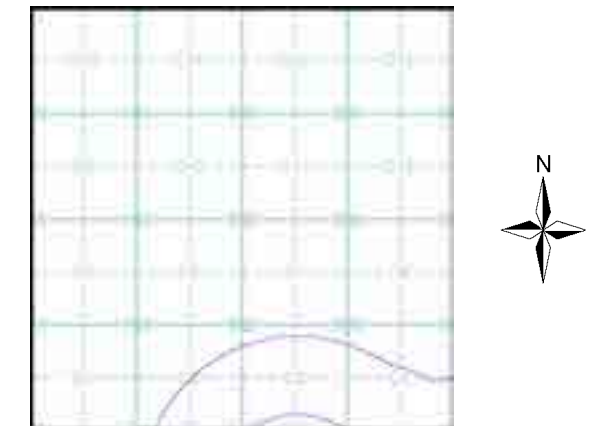
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



General

- Specified Site
- Specified Buffer(s)
- Design Reference Point
- HED ID
- Service of Type at Location

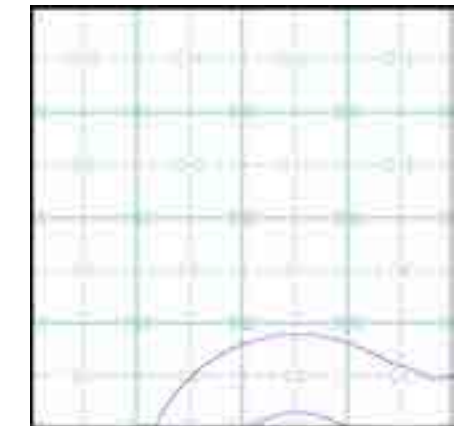
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



General

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

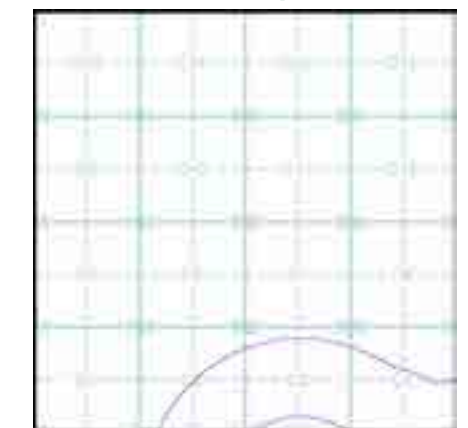
OS Water Network Data

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

Contours (height in meters)

- | | | |
|------------------|--|-----------------|
| Standard Contour | | Mean Low Water |
| Master Contour | | Mean High Water |
| Spot Height | | |

OS Water Network Map - Slice C





Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

General

-  Specified Site
-  Specified Buffer(s)
-  Existing 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

EANRW Suitability Map - Slice C



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

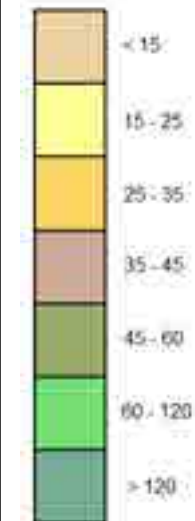
Site at 502039,313310

General

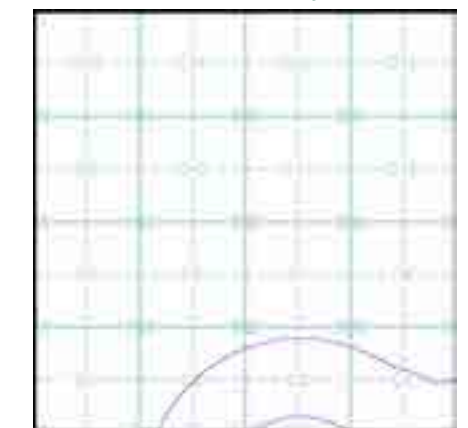
-  Sewerled Site
-  Sewerled Battery(s)
-  Sewer Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice C

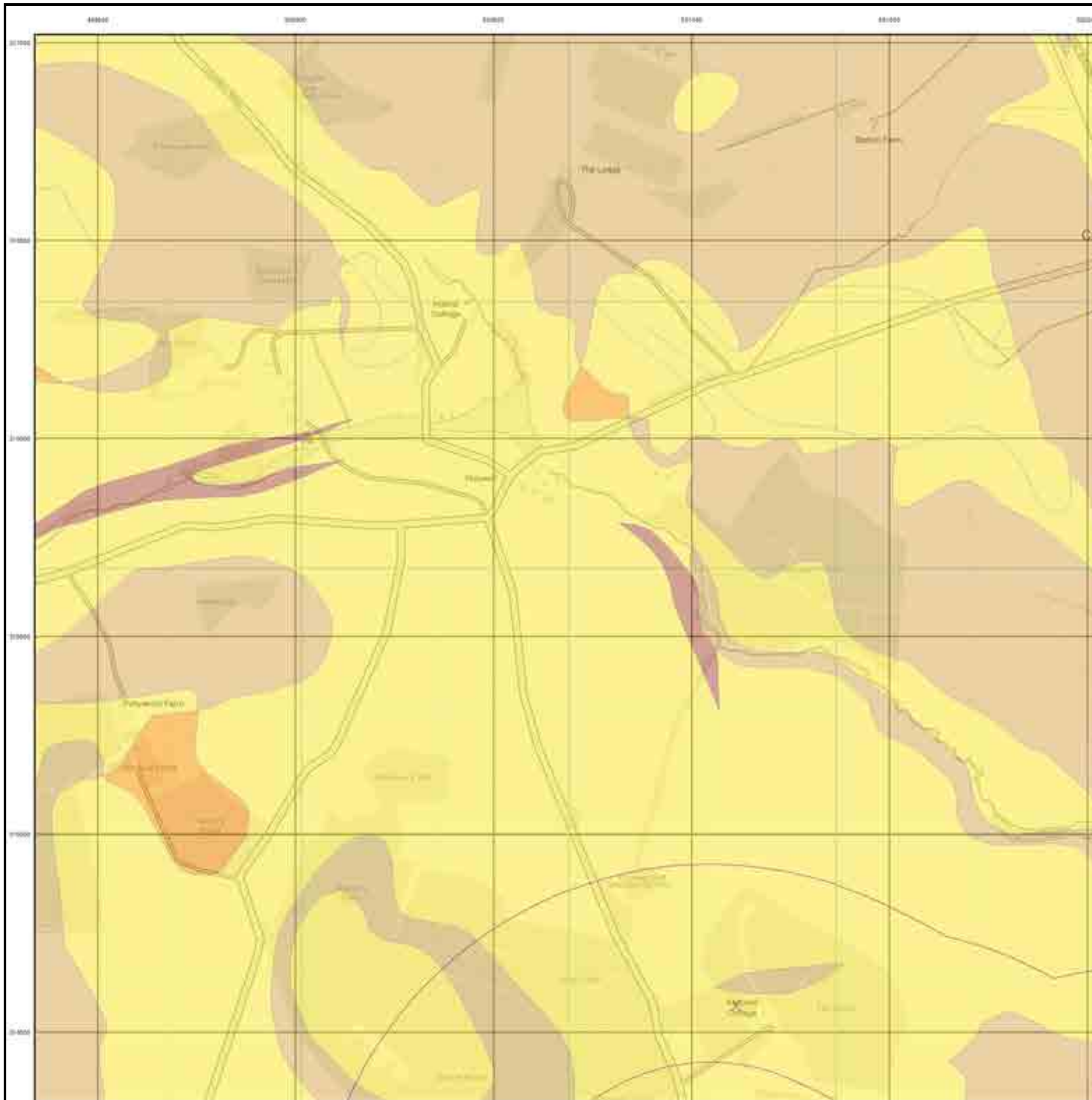


Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

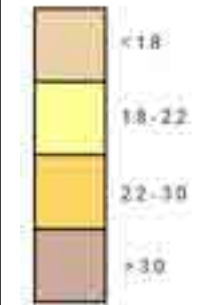


General

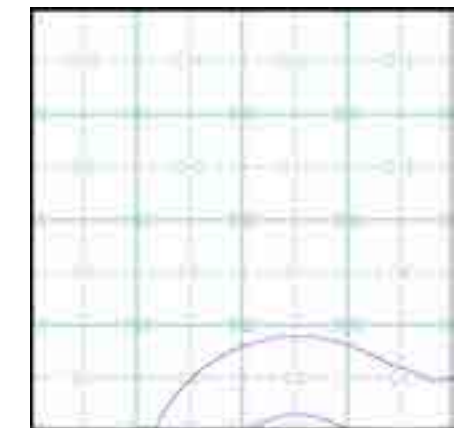
📍 Site
📏 Search Buffer
✕ Survey Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice C



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

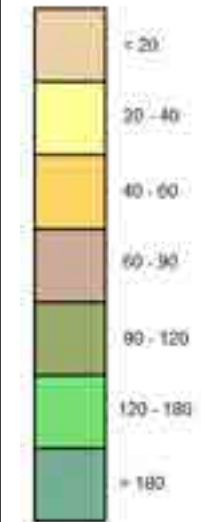
Site at 502039,313310

General

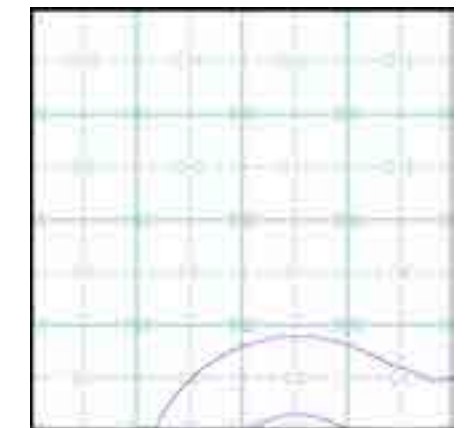
-  Selected Site
-  Specified Buffer(s)
-  Designated Features

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice C



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

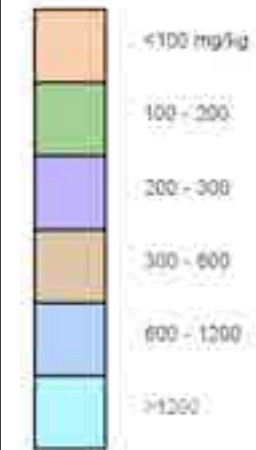
Site at 502039,313310

General

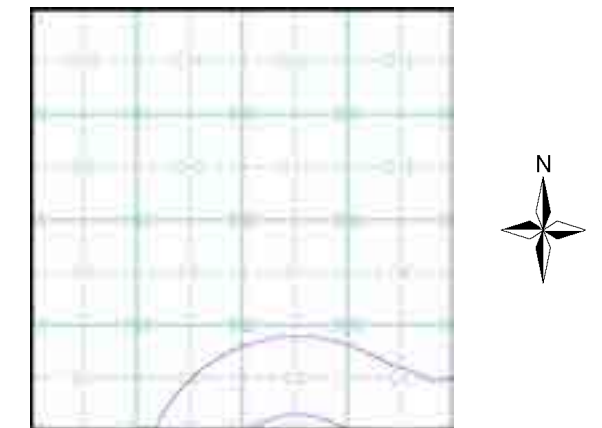
Searched Site
 Searched Buffer(s)
 Energy Efficiency Data

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice C



Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

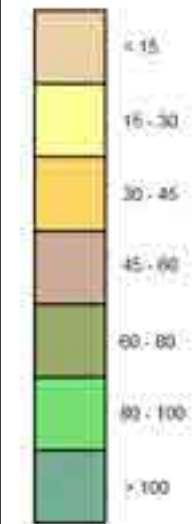
Site at 502039,313310

General

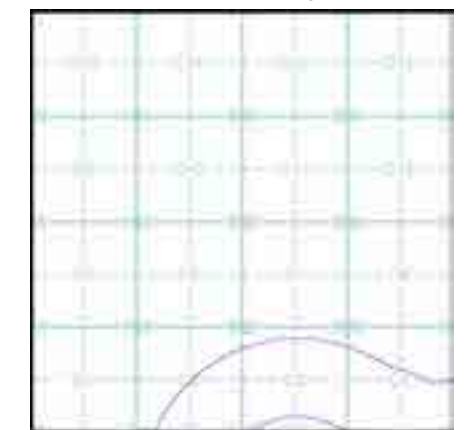
Specified Data
 Specified Surface
 Mining Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice C

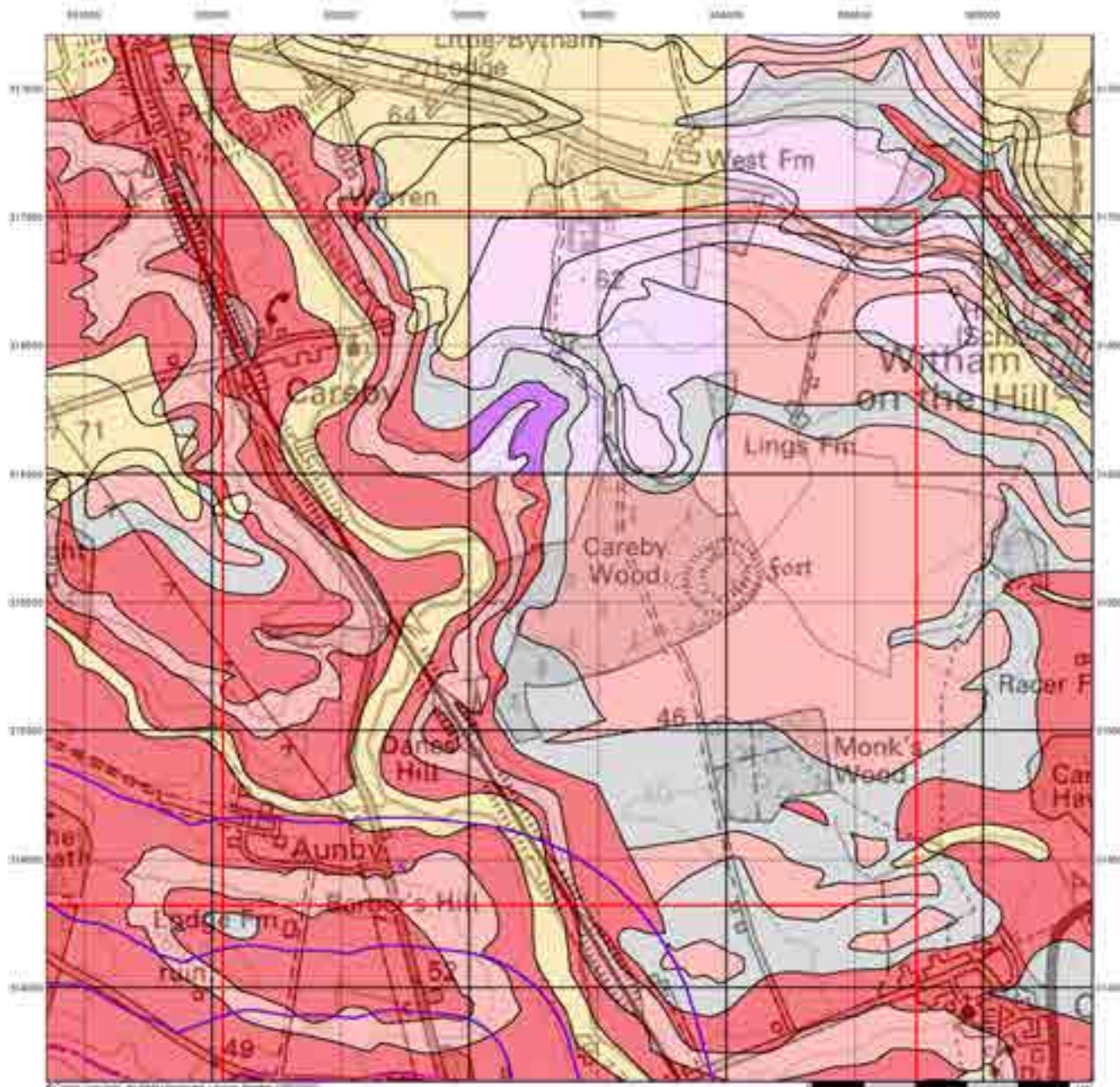


Order Details

Order Details: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 501110, 314570
 Slice: C
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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Groundwater Vulnerability

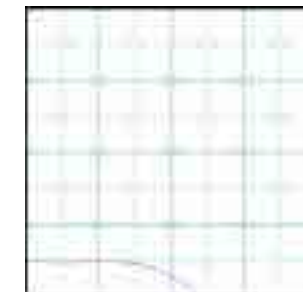
General

- Water Table
- Search Buffer
- Existing Hydrocarbons
- Mine
- M.A.S.I.

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|---|---|
| High vulnerability, Principal Aquifer | High vulnerability, Principal Aquifer |
| High vulnerability, Secondary Aquifer | High vulnerability, Secondary Aquifer |
| Medium vulnerability, Principal Aquifer | Medium vulnerability, Principal Aquifer |
| Medium vulnerability, Secondary Aquifer | Medium vulnerability, Secondary Aquifer |
| Low vulnerability, Principal Aquifer | Low vulnerability, Principal Aquifer |
| Low vulnerability, Secondary Aquifer | Low vulnerability, Secondary Aquifer |
| Impervious Aquifer | |
| Surface Rock | |

Site Sensitivity Context Map - Slice D



Order Details

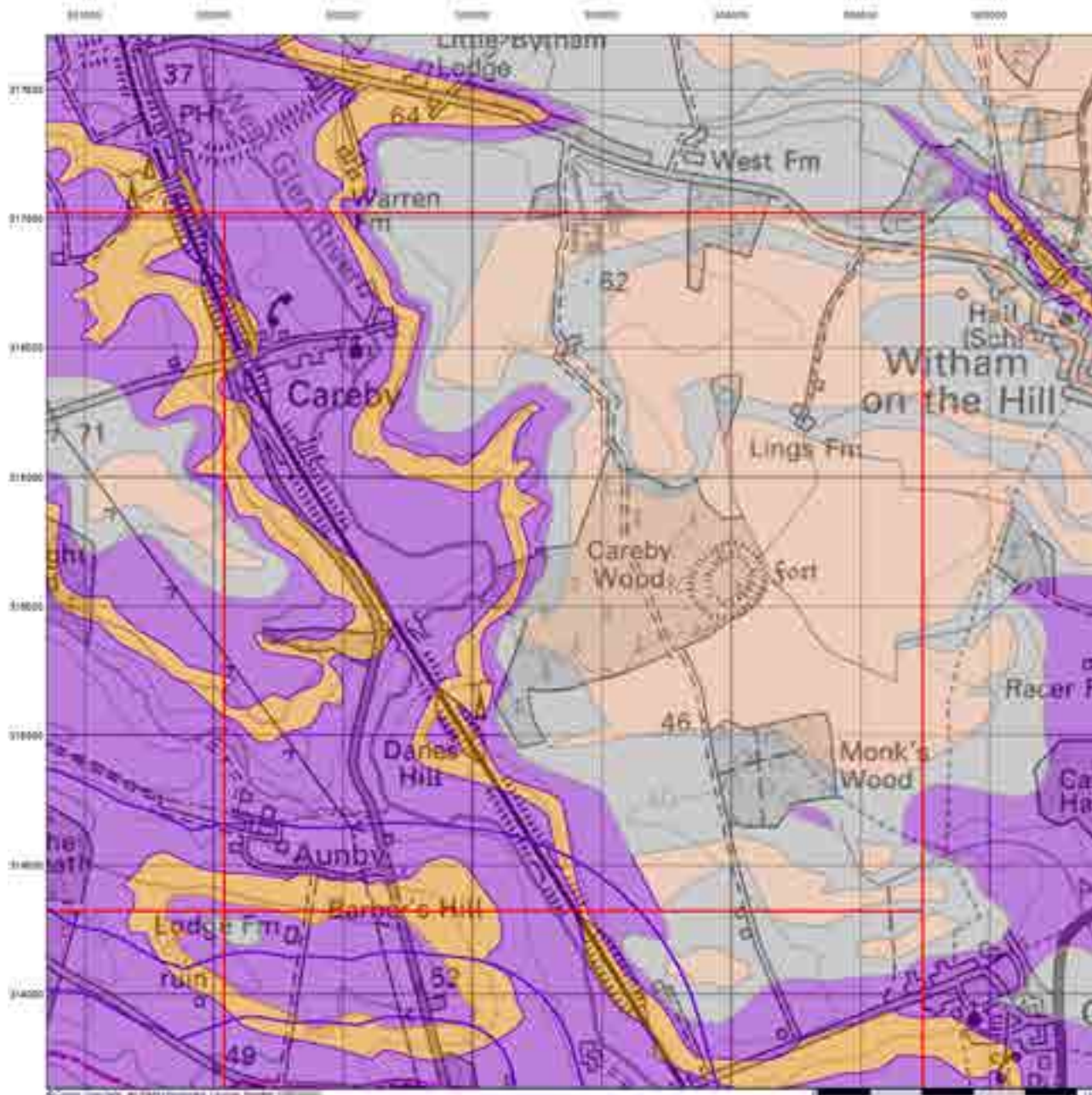
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502730, 314480
 Slice: D
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Bedrock Aquifer Designation

General

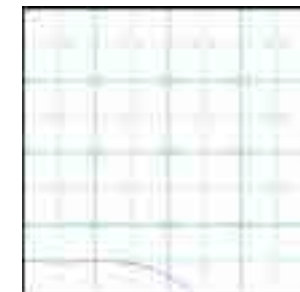
- Borehole Data
- Borehole Buffers
- Existing Hydrologic Point
- Site
- M.A.S.I.

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unstable
- Unknown (Lenses and Lenticles)

Site Sensitivity Context Map - Slice D

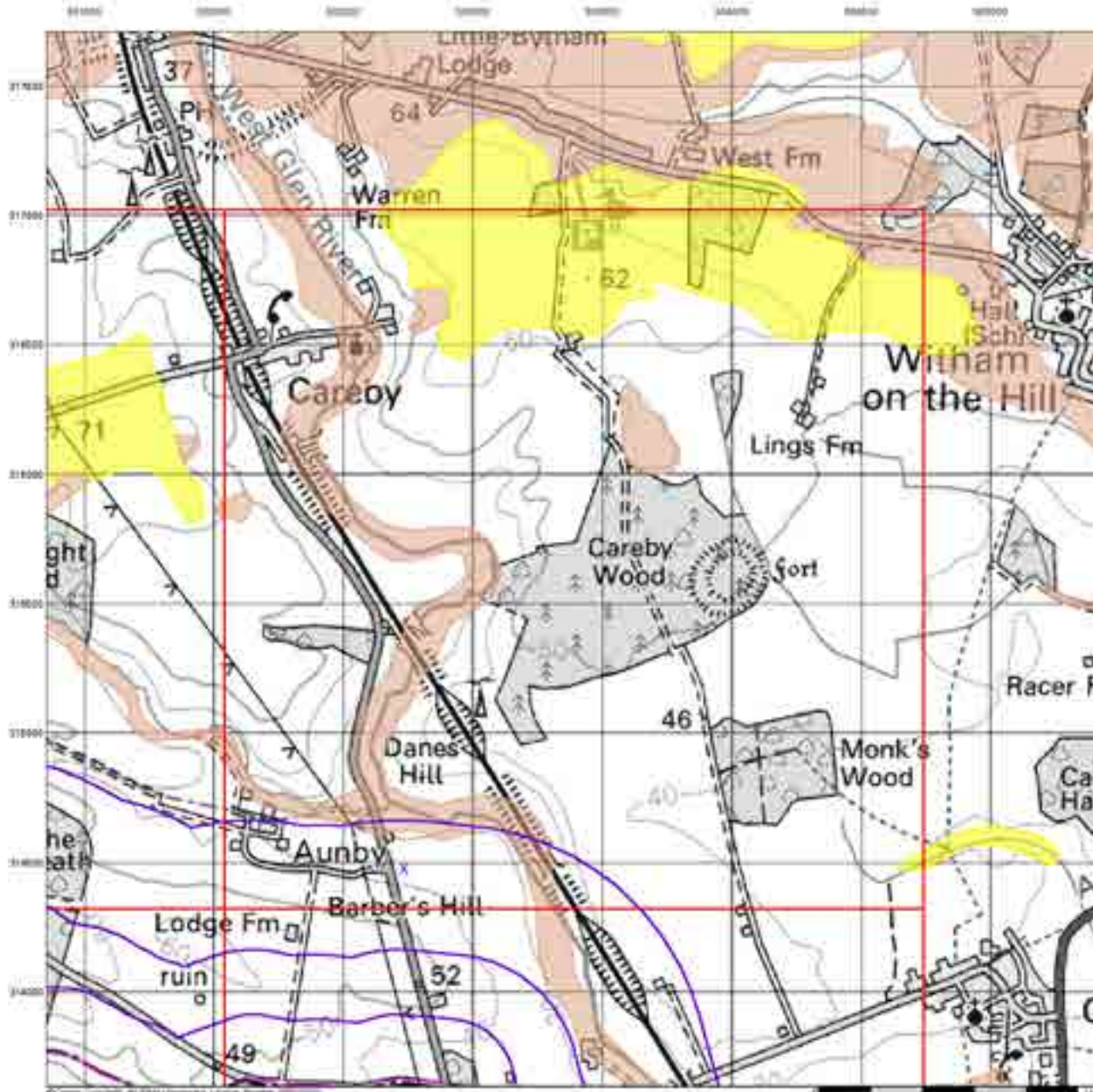


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502730, 314480
 Slice: D
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Superficial Aquifer Designation

General

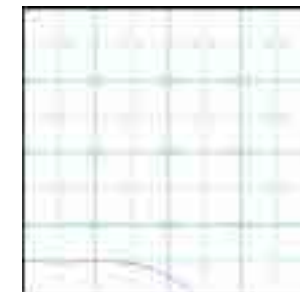
- Boundary Line
- Boundary Buffering
- Sewing Hydrozone Foot
- Wall
- Main

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Unconsolidated
- Unproductive Strata
- Unstable
- Unknown (Lakes and Lintons)

Site Sensitivity Context Map - Slice D

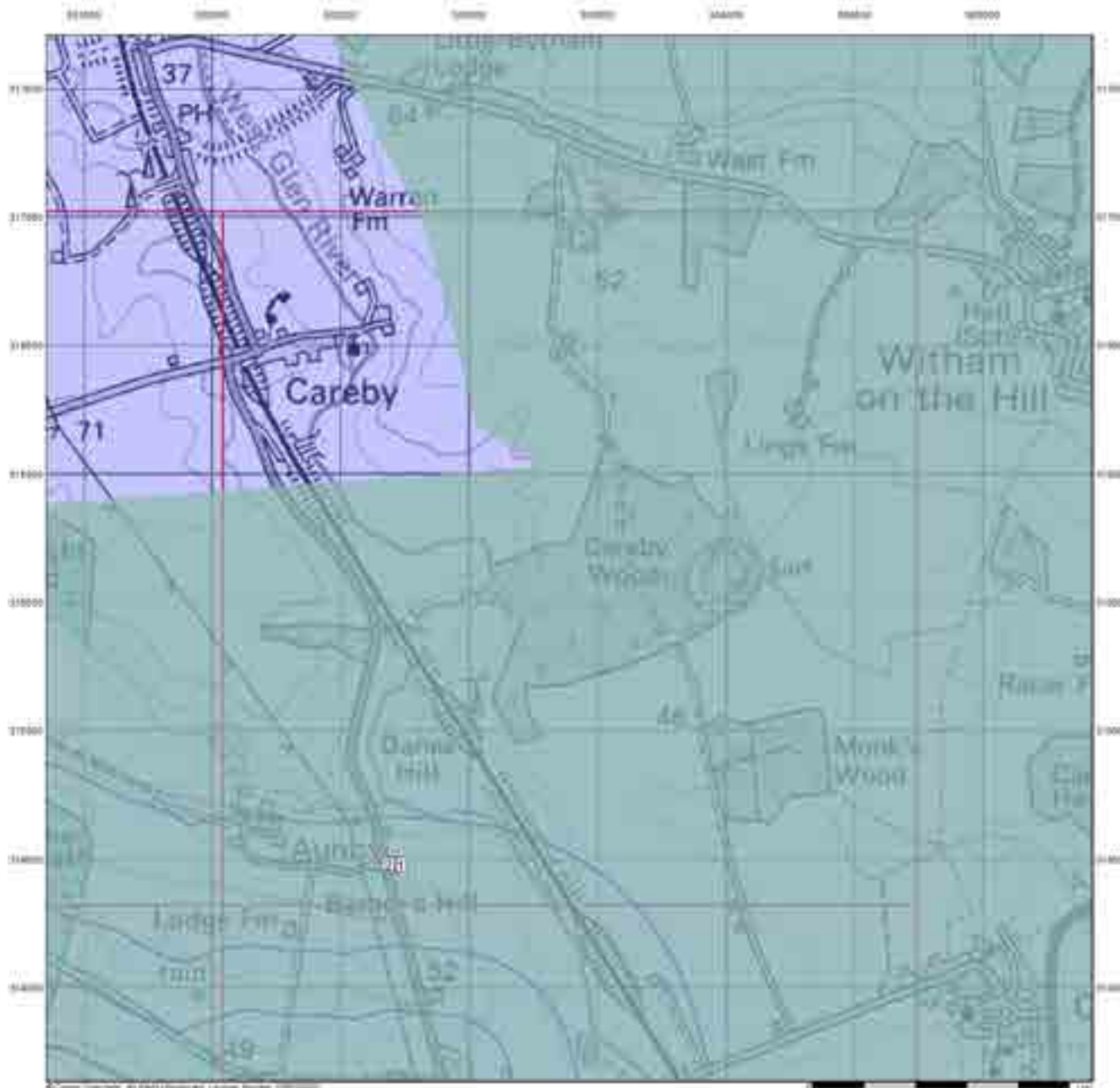


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502730, 314480
 Slice: D
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



Source Protection Zones

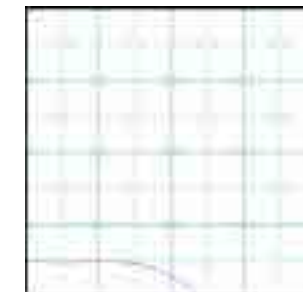
General

- Water Course
- Building Buffer
- Sewing Machine Pond
- Well
- Manhole

Agency and Hydrological

- Interceptor (Zone 1)
- Interceptor - subsurface activity only (Zone 1a)
- Discharge (Zone 2)
- Discharge - subsurface activity only (Zone 2a)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3a)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice D

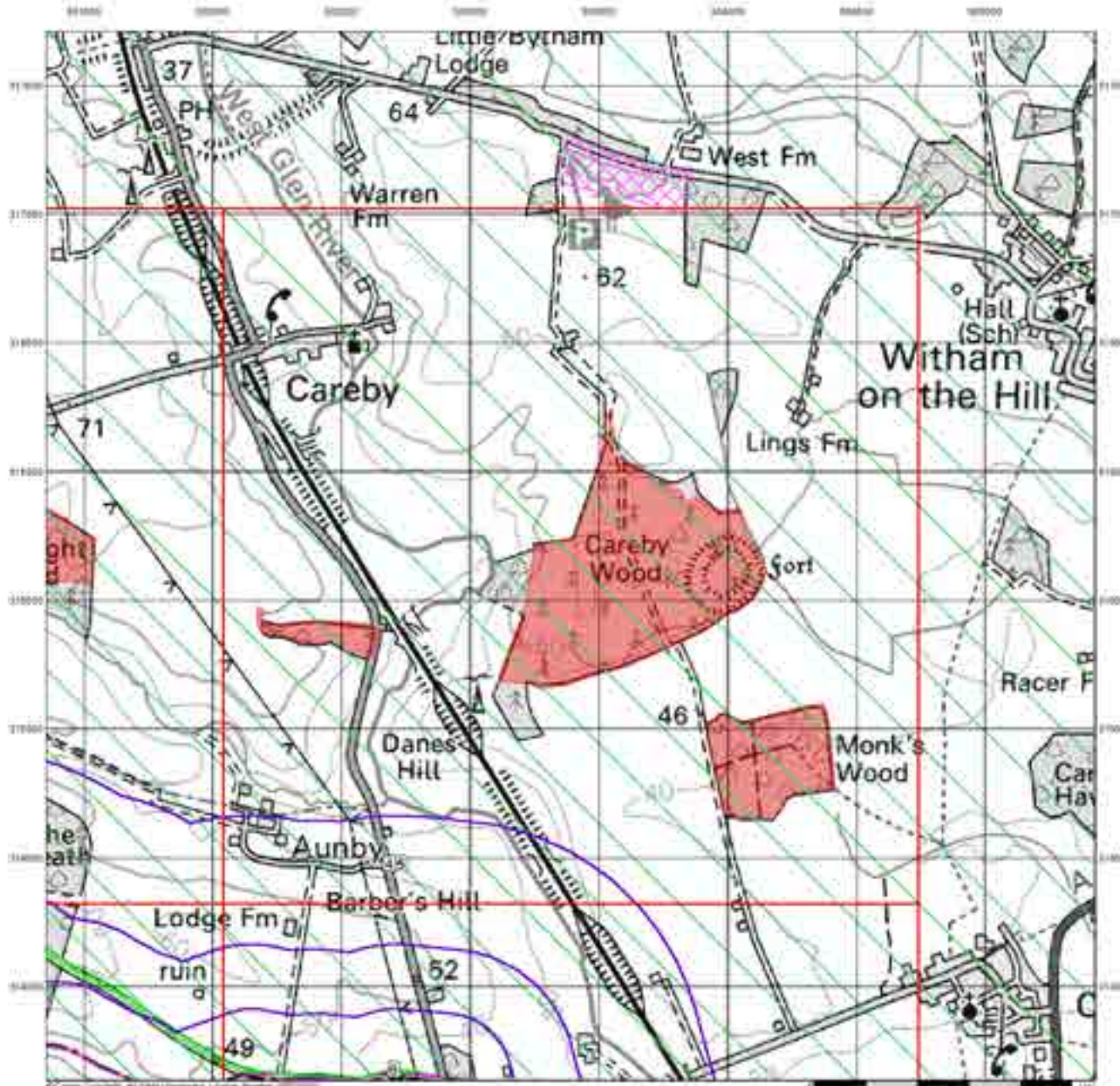


Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502730, 314480
 Slice: D
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310



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Sensitive Land Uses

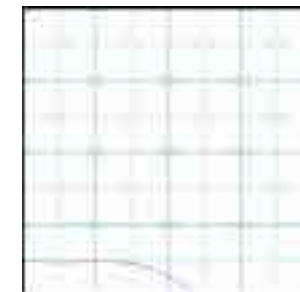
General

- Ancient Woodland
- Scheduled Monument
- Listed Building
- Scheduled Ancient Monument
- Watercourse
- Major Road

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Outstanding Natural Beauty
- Area of Outstanding Natural Beauty (Special Area of Conservation)
- Environmentally Sensitive Area
- Flood Plain
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- Nature Park
- Priority Development Area
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Production Area
- Wood Heritage Site

Site Sensitivity Context Map - Slice D



Order Details

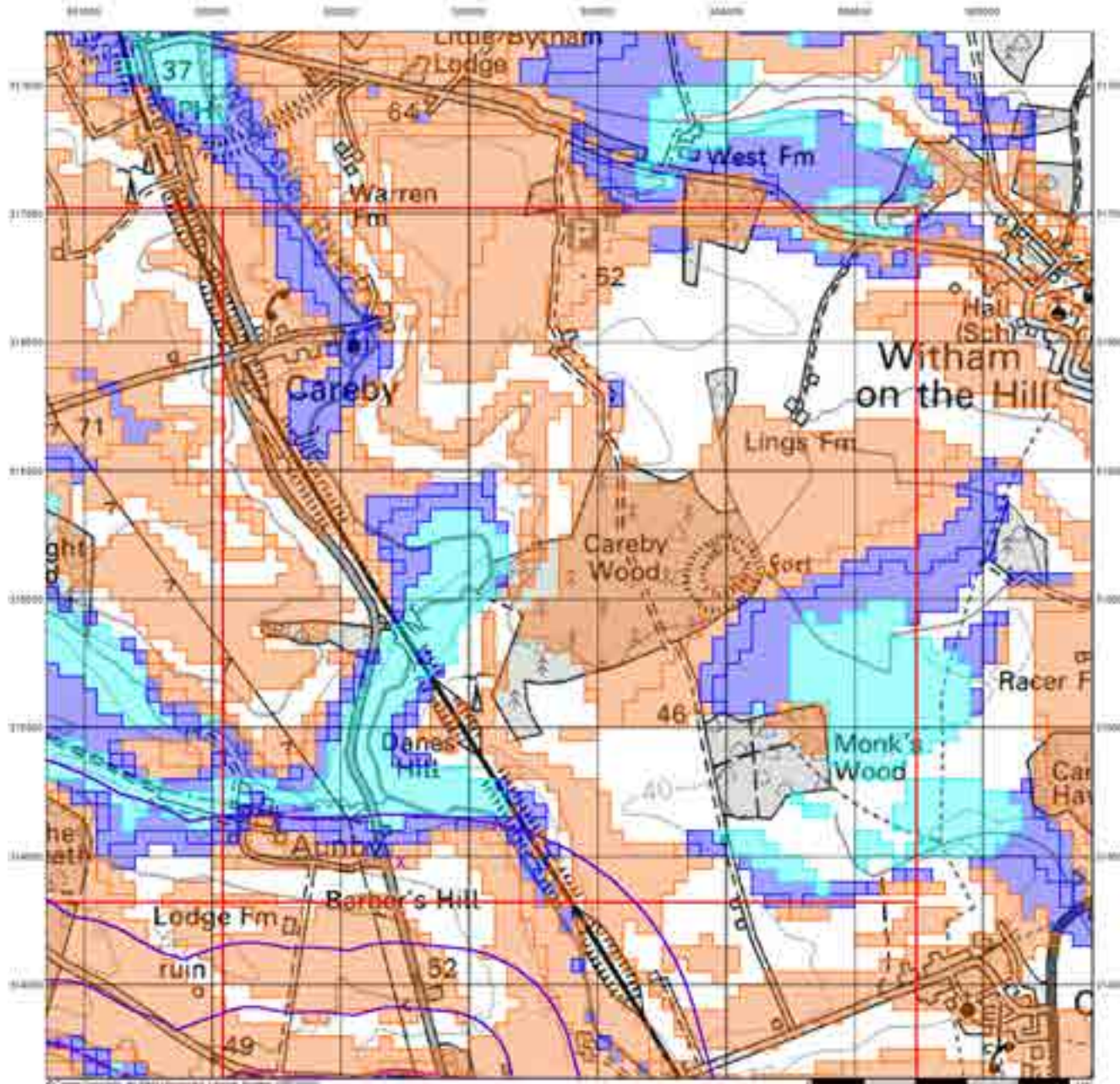
Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502730, 314480
 Slice: D
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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BGS Flood GFS Data

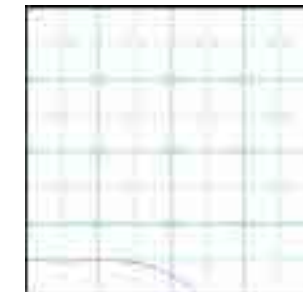
General

✕ Search ID
 ◇ Search Buffer
 ✕ Search Reference Point

Agency and Hydrological (Flood)

■ Limited Potential for Groundwater Flooding to Ground
■ Potential for Groundwater Flooding at Property Surface Above Ground Level
■ Potential for Groundwater Flooding to Other or Surface

Site Sensitivity Context Map - Slice D



Order Details

Order Number: 293359405_1_1
 Customer Ref: 4217 - Z1
 National Grid Reference: 502730, 314480
 Slice: D
 Site Area (Ha): 162.75
 Search Buffer (m): 1000

Site Details

Site at 502039,313310

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

293359405_1_1

Customer Reference:

4217 - Z1

National Grid Reference:

502730, 314480

Slice:

D

Site Area (Ha):

162.75

Search Buffer (m):

1000

Site Details:

Site at 502039,313310

Client Details:

Mr D Ballentyne
Arcus Consultancy Services
1C Swinegate Court East
3 Swinegate
York
YO1 8AJ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	-
Sensitive Land Use	9
Data Currency	10
Data Suppliers	15
Useful Contacts	16

Introduction

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

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Report Version v53.0

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

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 5	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 6	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 6	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				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 7	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 7	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 8	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 8	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 9	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 9	1			
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501400 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501450 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	502750 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	501600 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501650 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501750 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	502650 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	1	502733 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	501650 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2SW (NE)	0	1	502900 314550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	501450 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501550 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2SE (E)	0	1	503200 314400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501600 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	501500 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	501550 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	5	1	501500 313800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	6	1	501600 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	11	1	501800 313650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	18	1	501750 313700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	29	1	501700 313750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SE (S)	187	1	502700 314350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	D2SE (E)	592	-	503325 314381
	River Quality Name: West Glen GQA Grade: River Quality B Reach: Little Bytham...East Glen Estimated Distance (km): 17 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	D2SW (NE)	575	2	502803 314620
	Water Abstractions Operator: A.W. Parkinson Licence Number: 5/31/11/*s/026 Permit Version: Not Supplied Location: River Glen At, CARLBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 741000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D2NW (NE)	1059	2	503000 314700
	Water Abstractions Operator: J Wood Licence Number: 5/31/11/*s/002 Permit Version: Not Supplied Location: Tributary River Glen At Careby, CAREBY AUNBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 4 Yearly Rate (m3): 431870 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D1NW (NW)	1138	2	502200 314800
	Water Abstractions Operator: G J Collins Licence Number: 5/31/11/*s/055b Permit Version: Not Supplied Location: River Glen At, CARLBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 7 Yearly Rate (m3): 750000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	D3NE (E)	1382	2	503800 314700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: B Achurch & Co Licence Number: 5/31/11/*s/019c Permit Version: Not Supplied Location: River Glen , CAREBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 4 Yearly Rate (m3): 325000 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	D6SW (N)	1638	2	502800 315300
	<p>Water Abstractions</p> <p>Operator: G J Collins Licence Number: 5/31/11/*s/055b Permit Version: Not Supplied Location: River Glen At. CARLBY Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 7 Yearly Rate (m3): 750000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	D6SE (NE)	1701	2	503300 315300
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(SW)	0	3	502000 313979
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p>	(S)	0	3	502662 313785

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	(SE)	0	3	503165 314000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(SW)	0	3	502000 314000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(S)	0	3	502733 314000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	(SE)	0	3	503000 314000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	D2SW (E)	0	3	502733 314476
	Superficial Aquifer Designations No Data Available				
1	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	D2SW (E)	0	2	502733 314476
2	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	D2SW (E)	0	2	502733 314476
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2169.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: West Glen River Catchment Name: Welland Primacy: 1	D2NW (N)	585	4	502781 314711

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: South Kesteven District Council - Has supplied landfill data		0	6	502733 314476
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	502733 314476