Preliminary Investigation Report

at
Upper Farm Barn, Wexcombe, Wiltshire SN8 3SQ

for
Sherborne Wexcombe Ltd

Reference: 21004/PIR Rev1.0
July 2023

Control Document

Project
Upper Farm Barn, Wexcombe, Wiltshire SN8 3SQ

Document Type
Preliminary Investigation Report

Document Reference
21004/PIR Rev 1.0

Document Status
Final

Date
July 2023

Prepared by
M Lo MSci MIMMM TechIOSH
ml@soilslimited.co.uk

First check by
Eur Ing R B Higginson BSc, PGDip, CEng, MICE, FGS.

Second check by
S J Bevins BSc.(Hons) MSc. CEng CEnv MIMMM FGS MCorIE RoGEP

This is not a valid document for use in the design of the project unless it is titled Final in the document status box.

Current regulations and good practice were used in the preparation of this report. The recommendations given in this report must be reviewed by an appropriately qualified person at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.

AGS WWW.AGS.ORG.UK
BGA CORPORATE MEMBER 2022 www.britishgeotech.org.uk
Quality Systems Certifications Ltd ISO 45001:2018
Quality Systems Certifications Ltd ISO 9001:2015

Commission

This document comprises the Preliminary Investigation Report (PIR) and incorporates the results, discussion, and conclusions to this intrusive works. General site data is recorded below:

Commission Record	
Client	Sherborne Wexcombe Ltd
Site Name	Upper Farm Barn, Wexcombe, Wiltshire SN8 3SQ
Grid Reference	427180, 159040
Soils Limited Quotation Ref	Q27863 dated 19th June 2023
Clients Purchase Order	Q27863 dated 26th June 2023
Referenced Site Documents	

The record of revision is presented below:

Record Of Revisions		
Revision	**Date**	**Reason**

Note: The latest revised document supersedes all previous revisions of the PIR produced by Soils Limited.

Caveats

Whilst reasonable skill and care has been taken to determine the site history and the environmental setting within the time constraints applied by the project, it should be appreciated that uncertainties may occur owing to the natural variability of soil material within a defined area or as a result of unknowns that are associated with contaminated land assessment in general. The site conditions may be different from that indicated by this Preliminary Investigation, particularly on a site with a history of past development. No responsibility can be accepted should such conditions alter the recommendations made in this report.

Without a drainage survey it is not possible to establish if the surface water drainage is to the main drainage system or soakaways. If there are soakaways on-site, they could act as a potential source. The geology on-site to an extent may determine if soakaways were likely to have been adopted.

Ordinary watercourses (OWs) are defined as rivers (which are not designated as main rivers), streams, ditches, drains, culverts, cuts and sewers (other than public sewers). This includes all OWs that are not mapped. Ordinary watercourse consent (OWC) is required from the Lead Local Flood Authority (LLFA) when changing/adapting/adding to the cross sections of OWs. Installations of any structure or obstruction into an OW that impedes the flow without consent is prohibited by the Land Drainage Act 1991 Section 23.

Failure to remove obstructions may result in legal action by the LLFA with powers under Section 25 of the Land Drainage Act 1991.

We suggest surveying the site for OW usually seen in rural areas as boundary ditches in order to avoid potential impacts to residents downstream and prosecution. OWC can be applied for from your LLFA.

This Preliminary Investigation does not include a detailed UXO risk assessment, it does however contain a basic assessment in accordance with CIRIA C681 and C785. In preparing a Preliminary Investigation reference is made to historical maps and web based sources to assess the risk of the site potentially having been impacted by bombing during the World Wars. The data readily available is not necessarily definitive. Certain areas were bombed heavily such as centres of industrial manufacture, airfields, shipyards, docklands, railways sidings and junctions. The assessment is based on the likely area risk, bomb patterns (i.e. lines of recorded bomb impacts with gaps where an impact would be anticipated) and the age of structures on and in close proximity to the site.

Explanations

The Preliminary Investigation Report was undertaken to advise the client on the risk pertaining to the site, with special reference to historic and current potential contaminative activities and processes. This also included the assessment of their impact on current and future sensitive receptors such as human health, controlled waters, ecological features, building structures and services.

During the site walkover observations were made in relation to current activities, evidence of historical activities, sources of potential contamination such as fuel storage tanks, oil drums and chemical storage and evidence of contamination. The walkover also looked for evidence of soil contamination in the form of staining odours and stressed or discoloured vegetation.

To assess the vulnerability of groundwater to contamination, consideration must be given to the leaching characteristics of the overlying soils and the characteristics of the strata in the unsaturated zone. Information on the geological strata such as lithological type and permeability characteristics has been combined with the physical properties of the soil to produce varying degrees of vulnerability.

The object of the historic map study was to report on the evidence of site history and redevelopment of the site and its environs from available County Series and Ordnance Survey Maps dating from the mid to late 19th Century to the present day as downloaded from Landmark Environmental.

The published maps only represent a “snap shot” of the site and its environs at the date of the survey. The detail of the information recorded can vary between epochs, map scale and county areas. It should be noted that changes in land uses, processes or activities may have occurred outside of published epochs and these may not have been recorded on subsequent epochs. Also note that as methods of projection, production and recording have changed over time, this can result in geo-reference errors that may indicate the established site boundary is off-centre from its true location on older historical maps. Where this is potentially significant it will be noted.

Any distances quoted for features remote from the site have been scaled from the maps and are only approximate. Where dates have been noted in brackets, these are the actual dates applicable to the map editions and may not reflect the date of the original survey it is based on. The information reported might not represent all pertinent information that could be obtained. The interpretation of the maps and/or other data commented on in this report is subjective.

As part of the review of the historical plans, only features considered to have or to have had a potential contaminative impact on the site and usually within a notional 250m radius are discussed. The north point and approximate extent of the site are indicated on each figure.

Dataset survey is undertaken, and the extent of the search has initially been limited to a radius of 250m as it is considered that sources of contamination beyond 250m are unlikely to impact on the site.

The BGS soil chemistry for environmental assessments dataset coverage, was developed from BGS G-BASE and Imperial College Wolfson Atlas data. It contains estimated ambient As, Cd, Cr, Ni and Pb background concentrations for rural topsoils across Great Britain. It also contains the locations and measured concentrations (mg kg-1) of As, Cd, Cr, Cu, Ni, Pb, Sn and Zn in urban topsoil samples, collected from geochemical surveys in 23 major urban centres.

In accordance with CIRIA C681 and C785 a review has been undertaken of the historic maps and the Zetica UXO risk website which indicated that the site was in an area of moderate bombing density and may have been subject to bombing, shelling or has had a military use.

Legislation and Liability

The primary legislative mechanism for contaminated land management in the UK is Part 2A of the Environmental Protection Act, 2021 (EPA). Part 2A was introduced into the EPA under Section 57 of the Environment Act 1995 to help deal with the substantial legacy of land contamination. The legislation provides powers in relation to the identification, remediation and apportionment of liability for contaminated land. Part 2A applies where there is unacceptable risk, assessed on the basis of the current use and the relevant circumstances of the land. It is not directed to assessing risks in relation to a future use of the land that would require a specific grant of planning permission.

Under Part IIA of the Environment Act 2021, Local Authorities are required to identify contaminated land and serve on every person who is an appropriate person a remediation notice setting out what is to be done by way of remediation and the period within which it must be done.

If the person who caused, or knowingly permitted, the contaminating substance cannot be found, the owner and/or, occupier for the time being, of the property can be the appropriate person.

Under the legislation, Contaminated Land is defined as: -

"Land which is in such a condition by reason of substances in, on or under the land that significant harm is being caused or that there is a significant possibility of such harm being caused or that pollution of controlled waters is being, or is likely to be caused."

Where the Act defines harm as:

"harm to the health of living organisms or other interference with the ecological systems of which they form a part and, in the case of man, includes harm to his property."

and pollution of controlled waters is defined as: -

"the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter."

In addition, The Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006 introduced the supplementary definition of harm to include: lasting exposure to any person resulting from the after-effects of a radiological emergency, past practice or past work activity.

With regard to contaminated waters, the Environment Act 1995 amends the Water Resources Act 1991 and provides the Environment Agency with the power to force clean-up of historical contamination by issuing a Works Notice, with remediation paid for by the responsible parties.

The Groundwater Regulations (1998) stated that entry of List 1 substances into groundwater must be prevented, and List II substances must be controlled.

Limitations and Disclaimers

This Preliminary Investigation Report relates to the site located at Upper Farm Barn, Wexcombe, Wiltshire, SN8 3SQ and was prepared for the sole benefit of Sherborne Wexcombe Ltd (The "Client") for the brief described in the Commission of this report.

The contents, recommendations and advice given in the report are subject to the Terms and Conditions given in the Soils Limited Quotation and the subsequent Clients Purchase Order.

Soils Limited disclaims any responsibility to the Client and others in respect of any matters outside the scope of the above.

This report has been prepared by Soils Limited, with all reasonable skill, care and diligence within the terms of the contract with the Client, incorporation of our General Conditions of Contract of Business and taking into account the resources devoted to us by agreement with the Client.

The report is personal and confidential to the Client and Soils Limited accept no

responsibility of whatever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report wholly at its own risk.

The Client may not assign the benefit of the report or any part to any third party without the written consent of Soils Limited.

The ground is a product of continuing natural and artificial processes. As a result, the ground will exhibit a variety of characteristics that vary from place to place across a site, and also with time. Whilst a ground investigation will mitigate to a greater or lesser degree against the resulting risk from variation, the risks cannot be eliminated.
The investigation, interpretations, and recommendations given in this report were prepared for the sole benefit of the client in accordance with their brief. As such these do not necessarily address all aspects of ground behaviour at the site.

Current regulations and good practice were used in the preparation of this report. An appropriately qualified person must review the recommendations given in this report at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.

There may be other sources of information not included in those listed that hold data relevant to the Preliminary Investigation Report undertaken at the site that could materially affect the conclusions made in this report.

It should be noted that a detailed survey of the possible presence or absence of invasive species, such as Japanese Knotweed, is outside of the scope of investigation.

Ownership of land brings with it onerous legal liabilities in respect of harm to the environment. “Contaminated Land” is defined in Section 57 of the Environment Act 2021.

Where a contaminative use is identified in the Preliminary Investigation Report this does not determine whether contamination has actually occurred, or if it has the degree to which it may have taken place. An intrusive investigation(s) and analysis is required to establish the nature and degree of any contamination present.

All works are undertaken in the context of, and in compliance with, BS10175+A2 2017 and LCRM (EA 2021) and all other pertinent planning, standards, documentation and guidance appropriate to the site at the time of production which may include, but are not necessarily limited to, documents provided by BS/CEN/ISO, NHBC, AGS, CIEH, CIRIA, SoBRA and CLAIRE.

Ownership of copyright of all printed material including reports, survey data, drawings, laboratory test results, trial pit and borehole log sheets, including drillers log sheets remains with Soils Limited. License is for the sole use of the client and may not be assigned, transferred or given to a third party. This license is only valid once we have been paid in full for this engagement. In the event of non-payment for our services, we reserve the right to retract the license for all project data, preventing their use and any

reliance upon such data by the client or any other third party. We may also contact parties other than the client to notify them of this retraction.

Contents

u

Commission ..... **i**

Caveats ..... **i**

Explanations ..... **ii**

Legislation and Liability ..... **iii**

Limitations and Disclaimers ..... **iv**

Section 1 Site Conditions and Proposed Development **1**

1.1 Site Walkover 1

1.2 Site Drainage 1

1.3 Site Photographs 1

1.4 Proposed Development 1

Section 2 Geology, Hydrogeology, Hydrology and Radon **3**

2.1 Anticipated Geology 3

2.1.1 Head 3

2.1.2 Zig Zag Chalk Formation 3

2.2 Hydrogeology 3

2.3 Hydrology 4

2.4 Radon Gas 4

Section 3 Site History **5**

3.1 Historic Map Study 5

3.2 Bomb damage and the potential for Unexploded Ordnance 5

Section 4 Environmental Records and Consultation **6**

4.1 Dataset Information 6

4.2 Site Sensitivity Maps 7

4.3 Regulatory Enquires 7

4.4 Soil Geochemistry 7

Section 5 Data Collection Summary **8**

5.1 General 8

Section 6 Preliminary Conceptual Site Model **9**

6.1 Sources and Pathways of Contamination 9

6.2 Potential Pathways 9

6.3 Potential Sources of On-site Contamination. 9

6.4 Potential Off-site Sources of Contamination 9

6.5 Potential Contaminants 10

6.6 Potential Exposure Receptors 10
6.7 Preliminary Conceptual Site Model and Risk Assessment 10
Section 7 Recommendations 12
7.1 General 12
7.2 UXO 12
7.3 Proposed Further Site Works 12
7.4 Discovery Strategy 12

List of Figures

Figure 1 – Site Location Map 14

List of Tables

Table 1.1 Site Walkover Record (On-site) 1
Table 1.2 Site Walkover Record (Off-site) 1
Table 2.1 Hydrogeological Assessment 3
Table 2.2 Hydrological Assessment 4
Table 3.1 Historic Development of the Site 5
Table 3.2 Historic Off-site Development 5
Table 3.3 Potential Sources of Pollution Indicated from Historic Maps 5
Table 4.1 Environmental Significance of Data 6
Table 4.2 Contemporary Trade Directory 6
Table 4.3 Geological Hazards 7
Table 4.4 Soil Geochemistry 7
Table 5.1 Site Environs 8
Table 5.2 Summary of Potential Contamination Sources 8
Table 6.1 Applicable Pathways 9
Table 6.2 On-site Potential Contamination Sources 9
Table 6.3 Off-site Potential Contamination Sources 9
Table 6.4 Potential Contaminants 10
Table 6.5 Potential Receptors 10
Table 6.6 Preliminary Conceptual Site Model and Risk Assessment Methodology 11
Table 7.1 Proposed Further Environmental Investigation 12

Table G.1. Classification of Consequence

Table G.2. Classification of Probability

Table G.3. Comparison of Consequence Against Probability

Table G.4. Risk Classifications

List of Appendices

Appendix A Proposed Development Plans

Appendix B Country Series and Ordnance Survey Maps

Appendix C Landmark Envirocheck Report

Appendix D Site Sensitivity Maps

Appendix E Local Authority Search Data

Appendix F Site Photographs

Appendix G Zetica UXO Map

Appendix H Risk Assessment Criteria

Section 1 Site Conditions and Proposed Development

1.1 Site Walkover

A site walkover was undertaken in July 2023 by Soils Limited. The notes of the site walkover are presented in Table 1.1 and Table 1.2.

Table 1.1 Site Walkover Record (On-site)

Use of Site	One vacant derelict barn used for storage of farm chemical, equipment and pipes and cables and a chapel attached to its east
Structures	Two barn buildings, one barn with half corrugated exterior walls and half brick structures
Site Topography	The site was located towards the top of a hill, generally sloping down towards east with a gradient of <5°, there was a right angle cut slope located next to the barn north to the site.
Site Covering	Hardstanding concrete covered inside two barns and driveway covered with mixture of poor quality tarmacadam, with the rest of the land covered with grass, shrubs and mature trees.
Vegetation	
Potential Contamination Sources	Potential asbestos cement roofing; chemical and solvents such as motor oil, petrol stored inside the barn on hardstanding surface of concrete and oil tank on Google Earth street view.
Odour	None noted
Drainage	None noted assumed to be free drainage through natural ground

Table 1.2 Site Walkover Record (Off-site)

Use of Land	The surrounding of the site was mainly livestock farm fields, woodland and residential houses with private gardens
Area Topography	The wider site surroundings were undulating with the site sitting on top of the hill, sloping down towards the east with a gradient of <5°
Vegetation	Grass and shrubs with semi-mature/mature trees along both inside and outside site boundaries, woodland and private gardens.
Potential Contamination Sources	Farming activities may potentially use pesticides and herbicides

1.2 Site Drainage

None noted assumed to be free drainage through natural ground towards east in line with the dominant surrounding topography.

1.3 Site Photographs

The site photographs have been included within Appendix F.

1.4 Proposed Development

It is understood the proposal includes the demolition of the existing farm buildings on site and the construction of a single dwelling and restoration of the chapel. The dwelling comprises a one to two-storey structure with full depth basement across part of the footprint in the central part of the site, partially cut into the natural slope. There is a

terrace and lawned garden to the rear (south), and driveway and photovoltaic panels to the north.

In compiling this report reliance was placed on drawings 4270_003_E, 4270_004_E, 4270_005_E, 4270_006_E and 4270_007_E prepared by Llewellyn Harker Lowe dated September 2022. The recommendations provided within this report are made exclusively in relation to the scheme outlined above and must not be applied to any other scheme without further consultation with Soils Limited. Soils Limited must be notified about any change or deviation from the scheme outlined.

The proposed development plans have been provided in Appendix A.

Section 2 Geology, Hydrogeology, Hydrology and Radon

2.1 Anticipated Geology

The 1:50,000 BGS Geology map showed the site to be situated on the Zig Zag Chalk Formation bedrock, with no overlying superficial deposits. However, Head deposits was noted circa 140m south to the site.

2.1.1 Head

Head deposit are drifts produced by solifluxion, the downslope movement of debris outwash during the periglacial period, and characteristically comprise poorly sorted sands gravels and chalk of local derivation.

2.1.2 Zig Zag Chalk Formation

Part of the lower chalk and Grey Chalk Subgroup and found to thicknesses of up to 50m. The formation comprises firm, pale grey to off-white blocky chalk with lower beds characterised by rhythmic alternations of marls and marly chalks with firm white chalk.

Occasional erosional features, such as pipes, swallow holes and solution cavities, usually in-filled with drift deposits, are found in the chalk. The features sometimes manifest themselves at the surface as shallow circular depressions. Solution features may be reactivated by the concentrated ingress of water from leaking drains or soakaways. Reactivation may lead to surface collapse.

2.2 Hydrogeology

Table 2.1 presents the hydrological data that is relevant to the site.

Table 2.1 Hydrogeological Assessment

Hydrogeological Data		Comment
On-site Aquifers	Superficial	None
	Bedrock	Principal Aquifer[1]
Groundwater Vulnerability		High
Source Protection Zones (SPZ)		631m E[2]
Abstraction	Potable	177m E[3]
	Non-potable	177m E[3]
Sensitive Land Uses		Onsite[4]
Surface Water Features		861m NE[5]
Flood Risk from Rivers or Seas		None within 1000m radius
Flood Risk from Surface Water		None within 1000m radius
Flood Risk from Groundwater		Onsite - Limited Potential for Groundwater Flooding to Occur

Note(s): [1] Principal Aquifer - a regionally extensive aquifer or aquifer system that has the potential to be used as a source of potable (drinkable) water. Principal aquifers are designated by the EA as strategically important rock units that have high permeability and water storage capacity. [2] Zone III [3] General farming and domestic use from groundwater source. [4] Areas of Outstanding Natural Beauty and Nitrate Vulnerable Zones [5] Unnamed Stream

Any works or development which has the potential to have an impact on surface water, aquifer or groundwater quality must be approved by the Environment Agency prior to implementation.

2.3 Hydrology

The approximate elevation of the site was circa 187m Above Ordnance Datum (AOD). The anticipated groundwater flow direction is given in Table 2.2.

Table 2.2 Hydrological Assessment

Type	Direction	Notes
Surface water	East	Anticipated to flow east in line with the dominant surrounding topography
Groundwater	East	Anticipated to be vertically downward via fissures in the Zig Zag Chalk Formation bedrock and towards the east in line with the dominant surrounding topography

2.4 Radon Gas

The site is not located in a radon affected area.

Section 3 Site History

3.1 Historic Map Study

The historic maps referred to are appended to this report (Appendix B).

Table 3.1 Historic Development of the Site

Site History	Date Range	
	From	To
The site (Upper Farm) was noted to have building structures to the east and south border	1880[1]	2023[2]
Building structure located to the east no longer present	1880[1]	2000
A barn was noted to the north of the site	1961	2023[2]

Note(s): [1]Earliest readily available map. [2]Time of writing July 2023

Table 3.2 Historic Off-site Development

Off-site Development	Date Range	
	From	To
The surrounding of the site was noted to have residential houses with private gardens located to the northeast, east, southeast within 250m radius and Lower Farm was noted circa 130m northeast to the site	1880[1]	2023[2]
Farm fields were noted all direction within 250m radius	1880[1]	2023[2]

Note(s): [1]Earliest readily available map. [2]Time of writing July 2023

Table 3.3 Potential Sources of Pollution Indicated from Historic Maps

Source	Direction	Distance (m)	Date Range	
			From	To
Farms	All directions	<250	1880	2023

Note(s): [1]Earliest readily available map. [2]Time of writing July 2023

3.2 Bomb damage and the potential for Unexploded Ordnance

Based on the assessment of the historical maps (Appendix G), specialist UXO risk assessment is not considered necessary to determine the risk to the proposed development.

Section 4 Environmental Records and Consultation

4.1 Dataset Information

A copy of the report is appended to this report in Appendix C and summarised in Table 4.1, Table 4.2 and Table 4.3.

Table 4.1 Environmental Significance of Data

Source	Direction	Distance (m)
Contaminated Land Register Entries and Notices	None	None
Discharge Consents	SE	173[1]
Integrated Pollution Prevention and Control	None	None
Local Authority Pollution Prevention and Controls	None	None
Local Authority Pollution Prevention and Control Enforcements	None	None
Nearest Surface Water Feature	NE	861[2]
Pollution Incidents to Controlled Waters (Significant Incidents only)	None	None
Prosecutions Relating to Authorized Processes	None	None
Registered Radioactive Substances	None	None
Substantiated Pollution Incident Register	None	None
Nearest Potable Abstraction Point	E	177[3]
Nearest Non-Potable Abstraction Point	E	177[3]
Water Industry Act Referrals	None	None
Source Protection Zones	E	631[4]
Extreme Flooding from Rivers or Sea Without Defences	None	None
Flooding from Rivers or Sea Without Defences	None	None
Areas Benefiting from Flood Defences	None	None
Flood Water Storage Areas	None	None
Flood Defences	None	None
BGS Recorded Landfill Sites	None	None
Historical Landfill Sites	None	None
Licensed Waste Management Facilities	None	None
Local Authority Recorded Landfill Sites	None	None
Potentially Infilled Land (Non-Water)	None	None
Potentially Infilled Lane (Water)	None	None
Registered Landfill Sites	None	None
Registered Waste Transfer Sites	None	None
Registered Waste Treatment or Disposal Sites	None	None
Control of Major Accident Hazards Sites (COMAH)	None	None
Notification of Installations Handling Hazardous Substances	None	None
Planning Hazardous Substance Consents	None	None

Note(s): [1] Sewage discharges to lower chalk dated 22nd April 1992 [2] Unnamed Stream [3] General farming and domestic from groundwater

The contemporary trades listed in Table 4.2 are only those considered to be viable potential sources of contamination that could impact the site.

Table 4.2 Contemporary Trade Directory

Contemporary Trade Directory within 250m	Direction	Distance (m)	Status
None within 250m radius			

Table 4.3 Geological Hazards

Source	Nearest Distance from Site/Type
Coal Mining Affected Areas	None within 1000m radius
Mining Instability	None within 1000m radius
Natural and Mining Cavities	None within 1000m radius
Potential for Collapsible Ground Stability Hazards	Very low
Potential for Compressible Ground Stability Hazards	No hazard
Potential for Ground Dissolution Stability Hazards	No hazard
Potential for Landslide Ground Stability Hazards	No hazard
Potential for Running Sand Ground Stability Hazards	No hazard
Potential for Shrinking or Swelling Ground Stability Hazards	No hazard

4.2 Site Sensitivity Maps

No other significant potential sources of contamination were shown on the Landmark Envirocheck Site Sensitivity Maps, which have not been listed in Table 4.1, Table 4.2 and Table 4.3, and copies of which are appended to this report (Appendix C).

4.3 Regulatory Enquires

As part of the Preliminary Investigation Report the Wiltshire County Council was contacted and asked to provide any information on potential risks pertaining the site. At the time of reporting no additional information was available from the local authority.

4.4 Soil Geochemistry

The results of this survey are contoured on the Landmark Environmental check report (Appendix D). The results of the local soil chemistry are presented in Table 4.4.

Table 4.4 Soil Geochemistry

Determinant	Indicated Soil Geochemistry (mg kg^{-1})
Arsenic	<15
Cadmium	<1.8
Chromium	60-90
Lead	<100
Nickel	15-30

Note(s): Residential with home-grown produce land-use scenario which was considered the most appropriate land-use scenario given the type of the proposed development. None noted exceeding guideline values

Section 5 Data Collection Summary

5.1 General

Table 5.1 summarises the site Environs, which include geology, hydrogeology, the risk from radon and potential risk from flooding.

Table 5.1 Site Environs

Environs	Summary
Geology	Zig Zag Chalk Formation bedrock.
Hydrogeology	Zig Zag Chalk Formation bedrock classed as a Principal aquifer defined as a regionally extensive aquifer or aquifer system that has the potential to be used as a source of potable (drinkable) water
Source Protection Zone (SPZ)	631m E
Surface Water Flow	Anticipated to flow east in line with the dominant surrounding topography
Groundwater Flow	Anticipated to be vertically downward via fissures in the Zig Zag Chalk Formation bedrock and towards the east in line with the dominant surrounding topography
Radon	Radon protection measures will not be required within the proposed new development
Flooding	None within 1000m radius
Geological Hazard	No hazard to very low
Local Authority Response	No additional information available at the time of reporting
Soil Chemistry	None noted exceeding guideline values under Residential with home-grown produce land-use scenario
Ecological	Onsite - Areas of Outstanding Natural Beauty

Table 5.2 provides a summary of potential on-site and off-site contamination sources identified during the study of the historic maps, the Landmark Envirocheck Dataset Report and the Site Walkover

Table 5.2 Summary of Potential Contamination Sources

Contaminative Source	Direction	Distance (m)	Date Range		Data Source
			From	To	
On-Site					
Asbestos cement roofing	Onsite		1880	2023	SW
Motor oil, fuels stored in barn and oil tank	Onsite		Unknown	2023	SW
Off-Site					
Farms	All directions	<250	1880	2023	HM/SW/GE

Note(s): SW – Site walkover, HM – Historic Maps, DS – Datasheet, GE Google Earth

Section 6 Preliminary Conceptual Site Model

6.1 Sources and Pathways of Contamination

The Landmark Site Specific Envirocheck Report and Site Walkover have been used to identify potential contaminative sources. These sources have been presented in Table 5.2. An assessment of the likely pathways and the likelihood of each contaminative source that was considered a risk has been presented in Sections 6.2 to 6.4.

6.2 Potential Pathways

A review of the potential pathways on and off the site has been undertaken based on the site, ground conditions, hydrology and scientific knowledge of the behaviour of the contaminants in the ground. The pathways applicable to the site and the proposed development have been marked in Table 6.1.

Table 6.1 Applicable Pathways

Pathway	Present	Comment
Inhalation of dust	✓	Possible during and following redevelopment
Inhalation of vapour/gases	✓	Possible during and following redevelopment
Ingestion and absorption via direct contact	✓	Possible during and following redevelopment
Migration via surface runoff	✓	Possible during and following redevelopment
Migration in solution via groundwater	✓	Possible during and following redevelopment
Migration of gases via permeable soils	✓	Possible during and following redevelopment
Direct contact with construction material	✓	Possible during and following redevelopment
Services and utilities	✓	Possible during and following redevelopment

6.3 Potential Sources of On-site Contamination.

The sources are presented in Table 6.2.

Table 6.2 On-site Potential Contamination Sources

Source	Likely	Reasoning
Asbestos cement roofing	✓	Disturbance of asbestos cement roofing may release fibre and cause harm to human
Motor oil, fuels stored at barns and oil tank	✓	May potentially leak to the ground

6.4 Potential Off-site Sources of Contamination

These sources have been presented in Table 6.3.

Table 6.3 Off-site Potential Contamination Sources

Source	Direction	Distance (m)	Likely	Reasoning
Farms	All direction	<250	✓	Long history of farming may potentially have accumulated pesticides and herbicides

6.5 Potential Contaminants

Table 6.4 presents the range of possible contaminants associated with the onsite and off-site activities and sources identified following a review of historical maps and datasets.

Table 6.4 Potential Contaminants

Potential Contaminative Sources	Contaminants / Chemical Properties
Motor oil, fuels stored at barns and oil tank	Metals, Semi-metals and non-metals, PAHs, TPHs, pH
Asbestos cement roofing	Asbestos
Farm	Herbicides, Pesticides and PAHs

6.6 Potential Exposure Receptors

The assessment for potential receptors is presented in Table 6.5.

Table 6.5 Potential Receptors

Potential Receptor		Present
Human Health	Future users of the site (End Users)	✓
	Construction workers on-site (Site Workers)	✓
	Service and maintenance workers (Site Maintenance)	✓
	Site neighbours and wider public (Off-site Users)	✓
Groundwater / Controlled Waters	Surface Water	✓
	Shallow Aquifer	✓
	Deep Aquifer	✓
Buildings & Materials	Buildings and Confined Spaces	✓
	Buried Structures	✓
	Buried Services	✓
Ecosystems	Flora and fauna	✓

6.7 Preliminary Conceptual Site Model and Risk Assessment

A preliminary risk assessment has been undertaken based on the proposed development. The assessment has been based on the likelihood of the presence of a pollutant linkage.

A pollutant linkage is the relationship between a contaminant source, a pathway and a receptor. Unless all three elements of a pollutant linkage are present, a risk is not considered to exist. Each of the three elements has been considered within Table 6.1 to Table 6.5. The preliminary conceptual site model and risk assessment is presented in Table 6.6. The classification tables on which the level of risk has been determined have been modified from 'Contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552' and are presented in **Error! Reference source not found.**.

Table 6.6 Preliminary Conceptual Site Model and Risk Assessment Methodology

Source (Table 6.2 & Table 6.3)	Potential Contaminant (Table 6.4)	Exposure Pathway (Table 6.1)	Receptor (Table 6.5)	Initial Assessment from Preliminary Investigation Report Information			Comments	Proposed Investigation
				Severity	Probability	Risk		
Motor oil, fuels stored at barns and oil tank On-site historic and current site usage.	Metals, Semi-metals and non-metals, PAHs, TPHs, pH	Inhalation of dust	Site Workers/Site Maintenance	Medium	Unlikely	Low	Site located on bedrock of the Zig Zag Chalk Formation, which was classified as a Principal Aquifer, a regionally extensive aquifer or aquifer system that has the potential to be used as a source of potable (drinkable) water.	Phase II ground investigation to confirm the ground conditions present and chemical testing prior to undertaking a generic quantitative risk assessment.
			End Users	Mild	Unlikely	Very low		
			Off-site Users	Mild	Unlikely	Very low		
	PAHs, TPHs	Inhalation of vapour/gases (including Radon)	Site Workers/Site Maintenance	Medium	Unlikely	Low		
			End Users	Mild	Unlikely	Very low		
			Off-site Users	Mild	Unlikely	Very low		
	Metals, Semi-metals and non-metals, PAHs, TPHs, pH	Ingestion and absorption via direct contact	Site Workers/Site Maintenance	Medium	Unlikely	Low		
			End Users	Mild	Unlikely	Very low		
	Metals, Semi-metals and non-metals, PAHs, TPHs, pH	Migration via surface runoff	Surface Water	Mild	Unlikely	Very low		
		Migration in solution via groundwater	Surface Water	Mild	Unlikely	Very low		
			Shallow Aquifer	Medium	Low	Moderate/low		
			Deep Aquifer	Medium	Low	Moderate/low		
		Direct contact with construction material	Buried Structures	Mild	Unlikely	Very low		
			Buried Services					
	PAHs, TPHs	Migration of gases via permeable soils	Site Workers/Site Maintenance	Mild	Unlikely	Very low		
			End Users					
			Off-site Users	Mild	Unlikely	Very low		
			Building and Confined Spaces					
Asbestos cement roofing On-site historic and current site usage.	Asbestos	Inhalation of dust	Site Workers/Site Maintenance	Medium	Low	Moderate/low	During the demolition of existing barns and structures may potentially release asbestos fibre and it causes harm to workers and people around the area if inhaled. Licenced asbestos specialists must be consulted prior to any development works.	
			End Users	Medium	Unlikely	Low		
			Off-site Users					
Farms Off-site sources from which potential contamination would have migrated onto the site.	Pesticides, herbicides and PAHs	Inhalation of dust	Site Workers/Site Maintenance	Medium	Unlikely	Low	Long history of farming may potentially accumulate pesticides, herbicides, and PAHs.	
			End Users	Mild	Unlikely	Very low		
			Off-site Users	Mild	Unlikely	Very low		
	Pesticides, herbicides and PAHs	Inhalation of Vapour/gases (including Radon)	Site Workers/Site Maintenance	Medium	Unlikely	Low		
			End Users	Mild	Unlikely	Very low		
			Off-site Users	Mild	Unlikely	Very low		
	Pesticides, herbicides and PAHs	Ingestion and absorption via direct contact	Site Workers/Site Maintenance	Medium	Unlikely	Low		
			End Users	Medium	Unlikely	Low		
	Pesticides, herbicides and PAHs	Migration via surface runoff	Surface Water	Mild	Unlikely	Very low		
		Migration in solution via groundwater	Surface Water	Mild	Unlikely	Very low		
			Shallow Aquifer	Medium	Low	Moderate/low		
			Deep Aquifer	Medium	Low	Moderate/low		
		Direct contact with construction material	Buried structures	Medium	Unlikely	Low		
			Buried Services	Medium	Unlikely	Low		
	Pesticides, herbicides and PAHs	Migration of gases via permeable soils	Site Workers/Site Maintenance	Medium	Unlikely	Low		
			End Users	Medium	Unlikely	Low		
			Off-site Users	Medium	Unlikely	Low		
			Building and confined spaces	Medium	Unlikely	Low		

Section 7 Recommendations

7.1 General

Based on the information obtained during the compilation of this Preliminary Investigation and the preliminary conceptual site model, a potential for a **very low to moderate/low** risk of contamination has been identified.

7.2 UXO

Based on the assessment of the Zetica UXO map (see Appendix G), no specialist UXO risk assessment is considered necessary for the proposed development.

7.3 Proposed Further Site Works

The general requirements for further environmental investigation are presented in Table 7.1.

Table 7.1 Proposed Further Environmental Investigation

Proposed Works	General Purpose	Required
Investigatory Holes	To collect sufficient samples for a robust assessment	✓
Asbestos Specialist	Asbestos cement roofing material removal prior to development	✓
Laboratory Testing	To quantify the risks identified in the Conceptual Site Model	✓
Risk Assessment	Assess pollutant linkages based on current contaminated land guidance and screening criteria's	✓
Borehole well installation	To allow for continued groundwater and/or gas monitoring	
Remediation	If the site-specific risk assessment reveals that the site was contaminated	TBC
Validation & Verification	To validate and verify the remedial objectives based on the site-specific risk assessment	TBC

Note(s): TBC – To be confirmed

7.4 Discovery Strategy

There may be areas of contamination not identified during the course of the investigation. Such occurrences may also be discovered during the demolition and construction phases for the redevelopment of the site.

List of Figures

Figure 1 – Site Location Map 14

List of Appendices

Appendix A Proposed Development Plans

Appendix B Country Series and Ordnance Survey Maps

Appendix C Landmark Envirocheck Report

Appendix D Site Sensitivity Maps

Appendix E Local Authority Search Data

Appendix F Site Photographs

Appendix G Zetica UXO Map

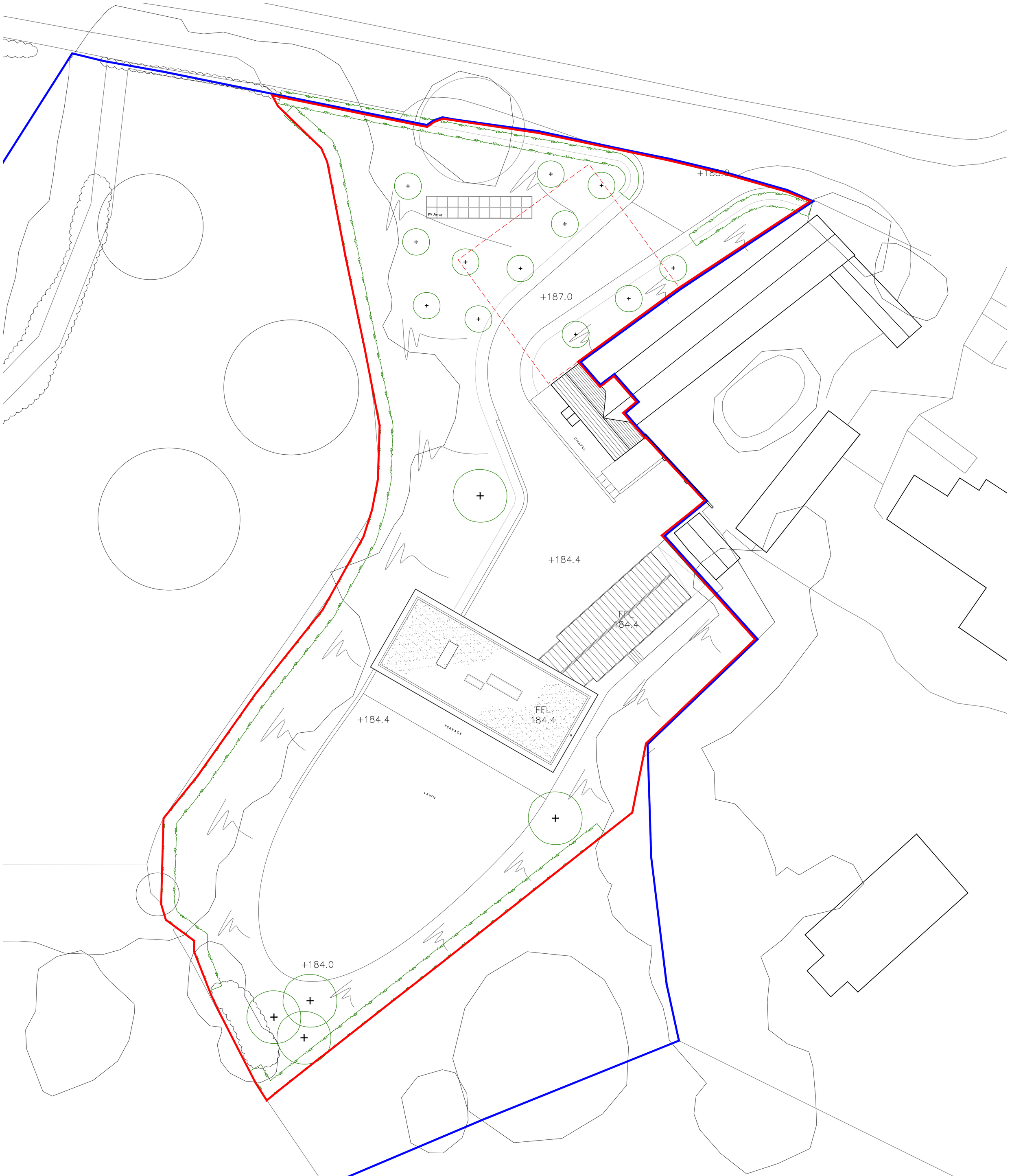
Appendix H Risk Assessment Criteria



Figure 1 – Site Location Map

Job Number 21004	**Project** Upper Farm Barn, Wexcombe, Wiltshire, SN8 3SQ
Client Sherborne Wexcombe Ltd	**Date** July 2023

Appendix A Proposed Development Plans



Rev.	DR.	CH.	Date	Notes
E	JW	NL	12.4.23	Site Boundary
D	JW	NL	24.3.23	Coordinated with landscape
C	JW	NL	16.3.23	Updated to client comments
B	JW	NL	23.2.23	Updated to client comments
A	NL	-	16.2.23	Updated Layout
-	CG	NL	26.09.22	First Issue

PROJECT
UPPER FARM, WEXCOMBE

DRAWING
PROPOSED SITE PLAN

DRAWING No.
4270 - 003 E.

SCALE: 1:200 @ A1

DATE: September 2022

llewellyn
harker
lowe

home barn, gattrell, steway lane, northend, bath, BA4 6TT
email: architects@llewellynharker.com
Tel 01749 860022
© llewellyn harker architects 2021

Rev.	DR.	CH.	Date	Notes
E	JW	NL	05.04.23	Pre-App
D	JW	NL	16.03.23	Updated to client comments
C	NL		02.12.22	Updated

PROJECT: UPPER FARM, WEXCOMBE

DRAWING: PROPOSED SITE SECTIONS

DRAWING No.: 4270 - 004 E

SCALE: 1:100 @ A1
1:200 @ A3

DATE: September 2022

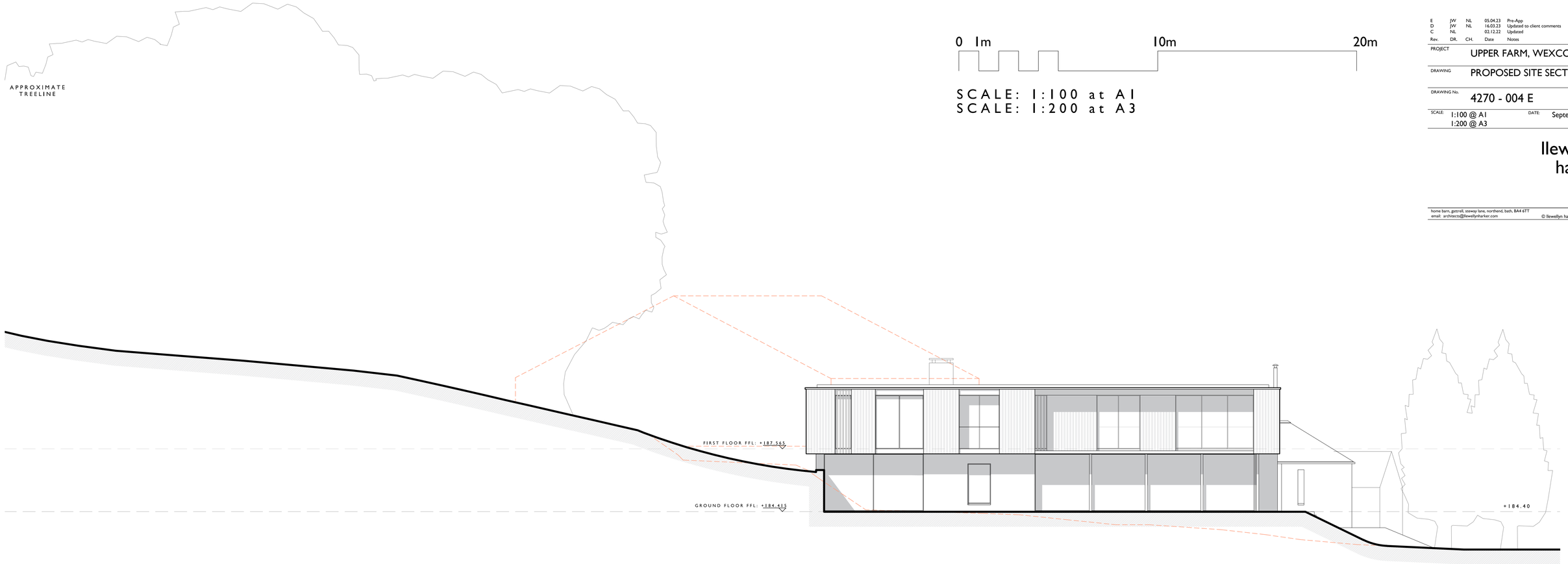
SCALE: 1:100 at A1
SCALE: 1:200 at A3

0 1m 10m 20m

llewellyn harker lowe

home barn, gatcrell, stoweay lane, northend, bath, BA4 6TT
email: architects@llewellynharker.com
Tel 01749 860022

© llewellyn harker architects 2021



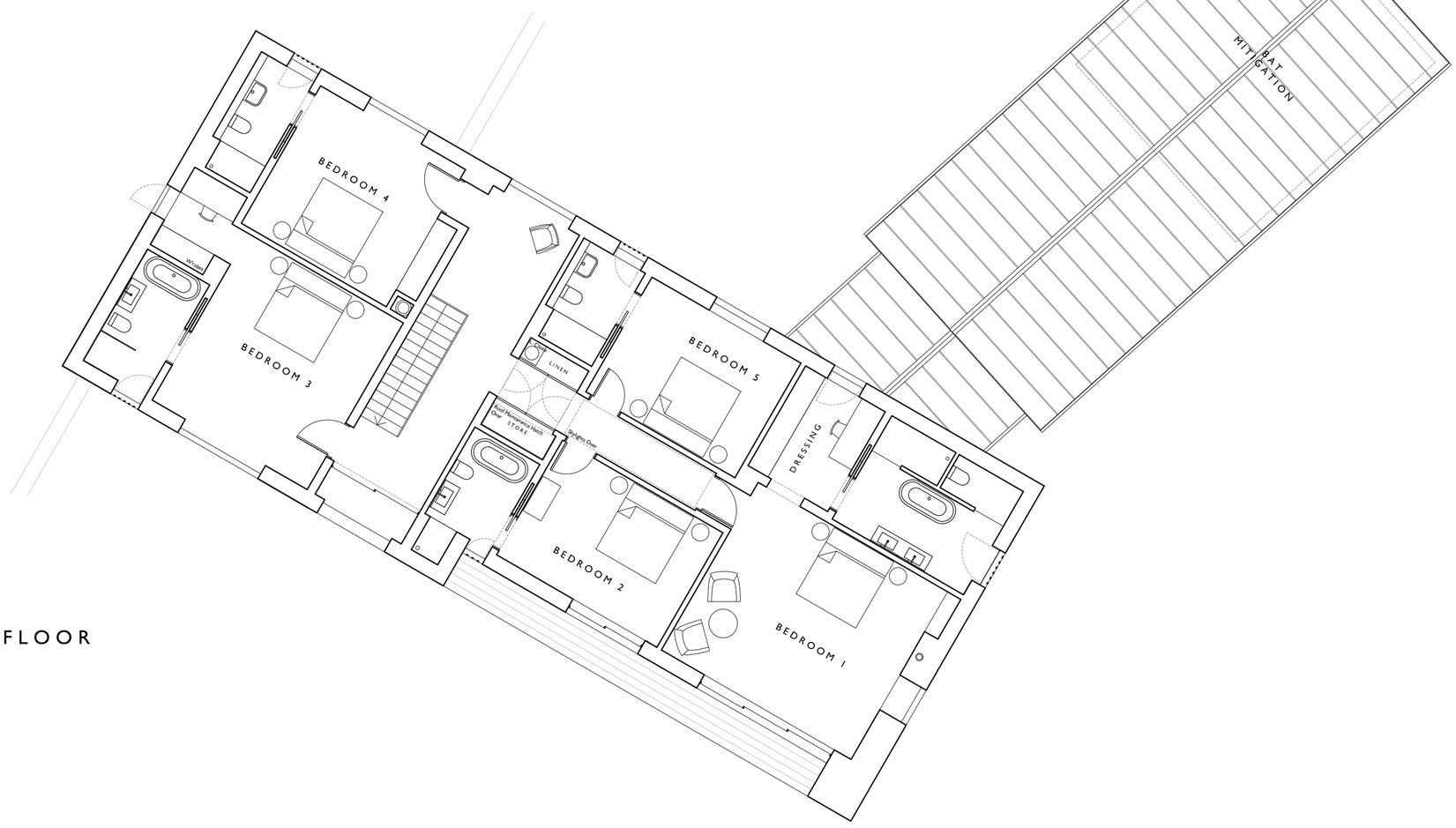
SECTION AA



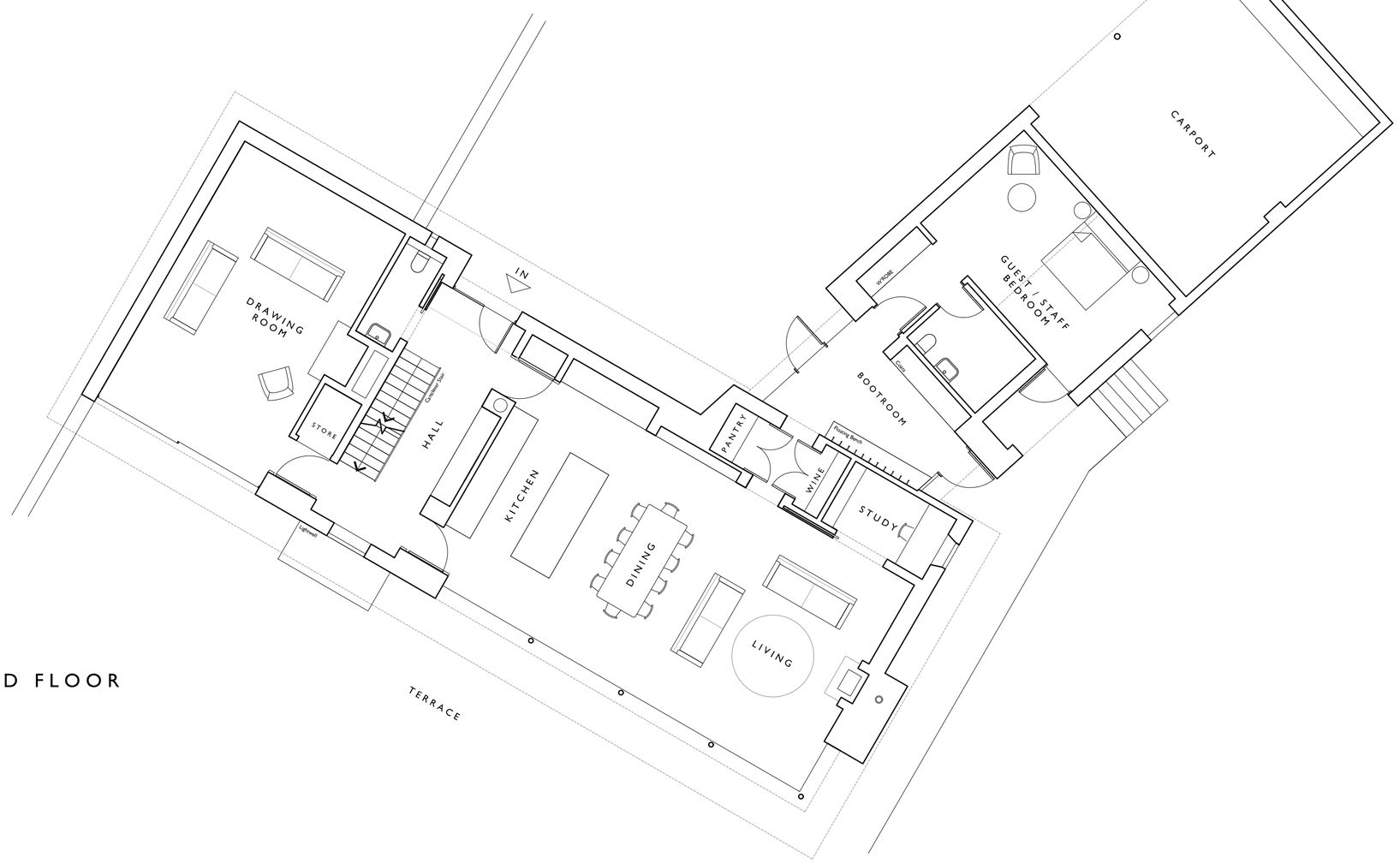
SECTION BB

0 1m 10m 20m

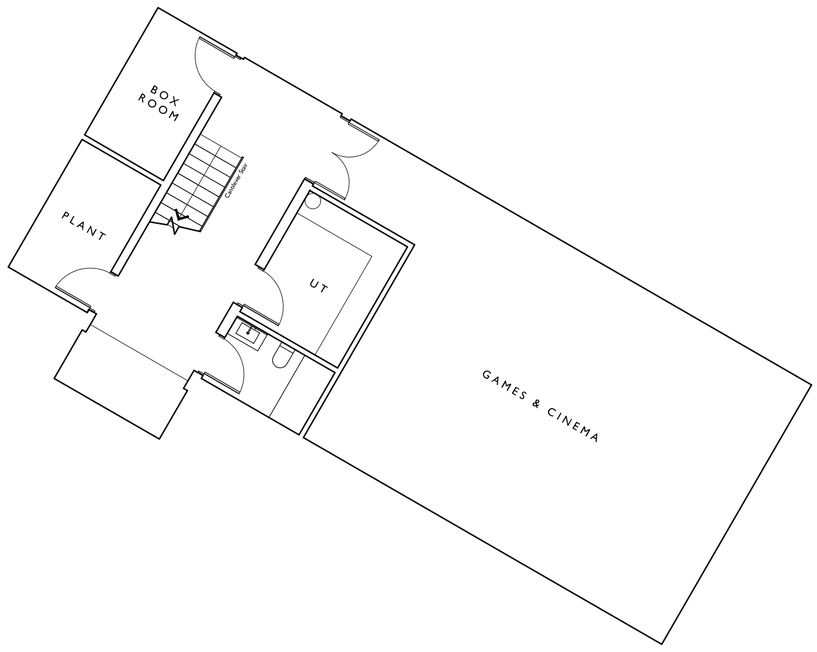
SCALE: 1:100 at A1
SCALE: 1:200 at A3



FIRST FLOOR



GROUND FLOOR



BASEMENT

Rev.	DR.	CH.	Date	Notes
E	JW	NL	12.4.23	Pre-App
D	JW	NL	16.3.23	Updated to client comments
C	JW	NL	08.3.23	Updated to client comments
B	JW	NL	23.2.23	Updated to client comments
A	NL	-	16.2.23	Updated Layout

PROJECT: UPPER FARM, WEXCOMBE

DRAWING: PROPOSED PLANS

DRAWING No.: 4270 - 005 E.

SCALE: 1:100 @ A1
1:200 @ A3

DATE: September 2022

llewellyn harker lowe

home barn, gattrell, steway lane, northend, bath, BA4 6TT
email: architects@llewellynharker.com
Tel 01749 860022
© llewellyn harker architects 2021



SOUTH ELEVATION



EAST ELEVATION

0 1m 5m 10m

SCALE: 1:50 at A1
SCALE: 1:100 at A3

Rev.	DR.	CH.	Date	Notes
A	JW	NL	05.04.23	Updates
-	JW	NL	16.03.23	First Issue

PROJECT: UPPER FARM, WEXCOMBE

DRAWING: PROPOSED SOUTH & EAST ELEVATIONS

DRAWING No.: 4270 - 006 A.

SCALE: 1:50 @ A1, 1:100 @ A3

DATE: March 2023

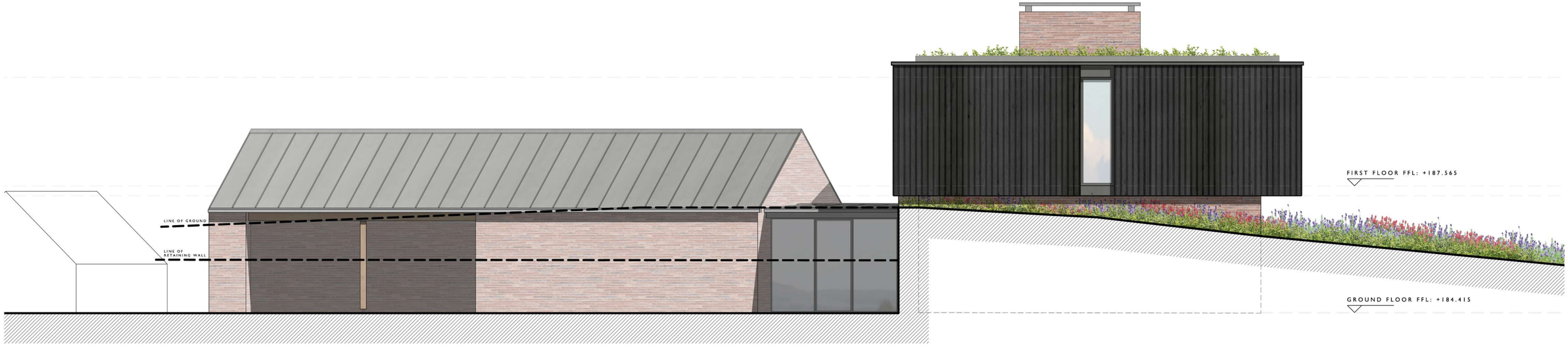
llewellyn harker lowe

home barn, gatehill, stoney lane, northend, bath, BA1 8EH
email: architects@llewellynharker.com
Tel: 01749 860032

© llewellyn harker architects 2023



NORTH ELEVATION



WEST ELEVATION

0 1m 5m 10m

SCALE: 1:50 at A1
SCALE: 1:100 at A3

Rev.	DR.	CH.	Date	Notes
A	JW	NL	27.03.23	Updates
-	JW	NL	15.3.23	First Issue

PROJECT: UPPER FARM, WEXCOMBE

DRAWING: PROPOSED NORTH & WEST ELEVATIONS

DRAWING No.: 4270 - 007 A.

SCALE: 1:50 @ A1
1:100 @ A3

DATE: March 2023

llewellyn harker lowe

home barn, gatstrell, steway lane, northend, bath, BA1 8EH Tel 01749 860022
email: architects@llewellynharker.com

© llewellyn harker architects 2023

Appendix B Country Series and Ordnance Survey Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

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

1:10,000 Raster Mapping

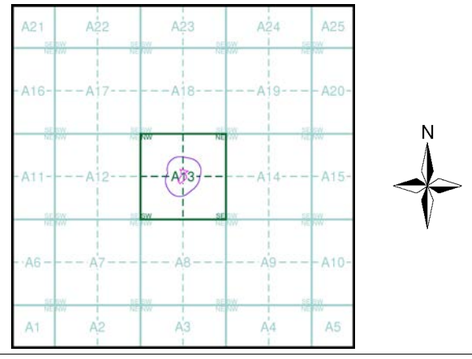
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community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

soils LIMITED
Geotechnical & Environmental Consultants

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:10,560	1882 - 1889	2
Wiltshire	1:10,560	1901	3
Wiltshire	1:10,560	1926	4
Wiltshire	1:10,560	1926	5
Wiltshire	1:10,560	1926	6
Historical Aerial Photography	1:10,560	1947	7
Ordnance Survey Plan	1:10,000	1961	8
Ordnance Survey Plan	1:10,000	1982	9
10K Raster Mapping	1:10,000	2000	10
10K Raster Mapping	1:10,000	2006	11
VectorMap Local	1:10,000	2023	12

Historical Map - Slice A



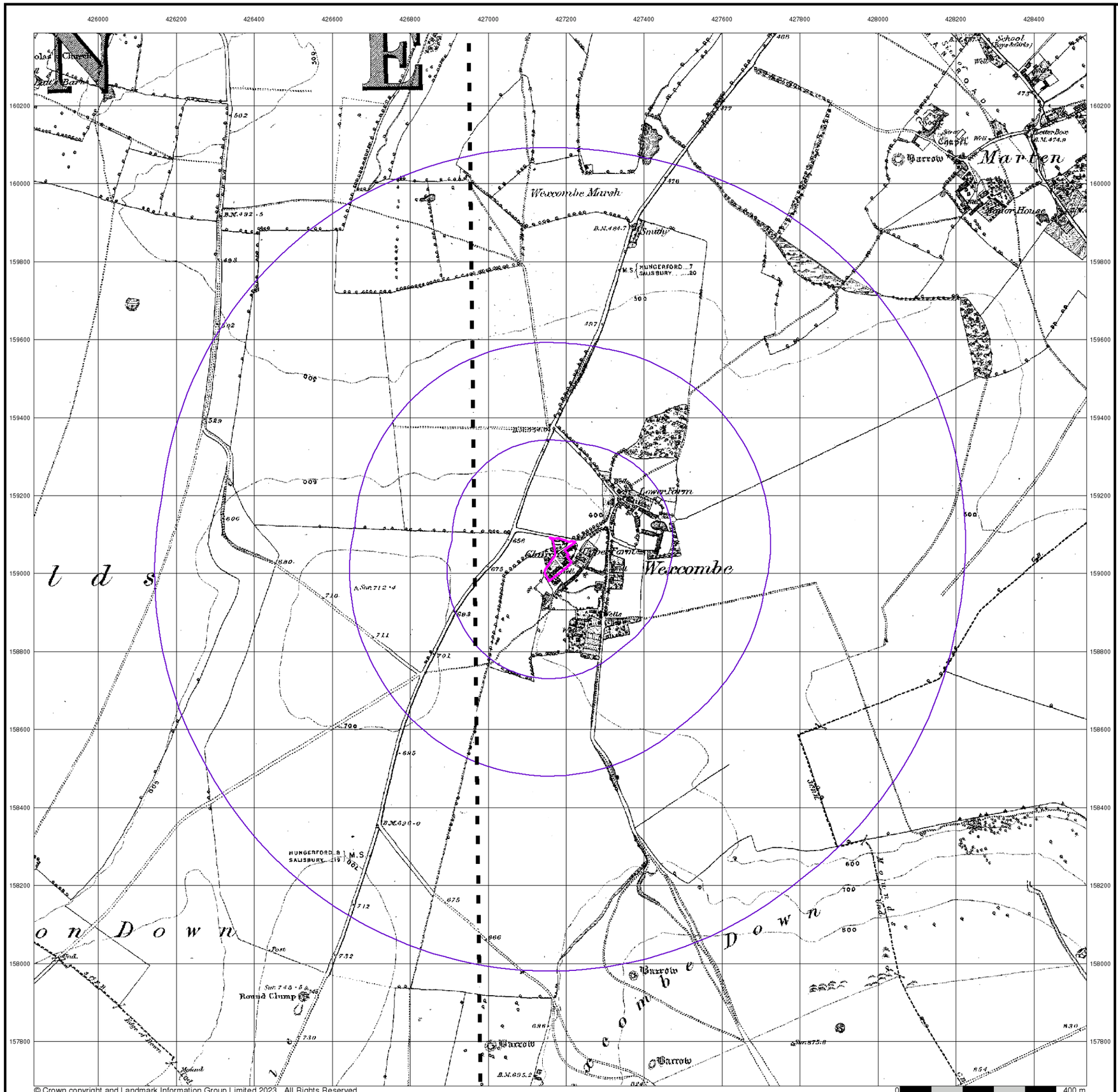
Order Details

Order Number: 313621713_1_1
Customer Ref: 21004
National Grid Reference: 427180, 159040
Slice: A
Site Area (Ha): 0.41
Search Buffer (m): 1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright and Landmark Information Group Limited 2023. All Rights Reserved.

soils LIMITED
Geotechnical & Environmental Consultants

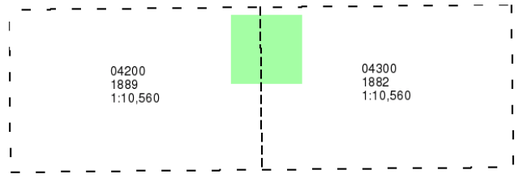
Wiltshire

Published 1882 - 1889

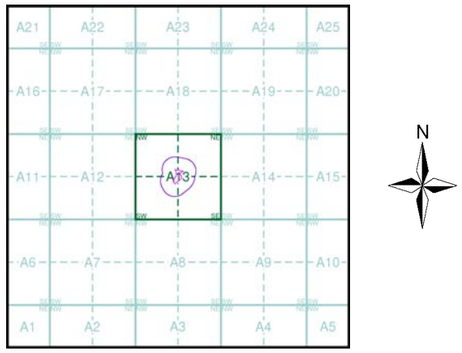
Source map scale - 1:10,560

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



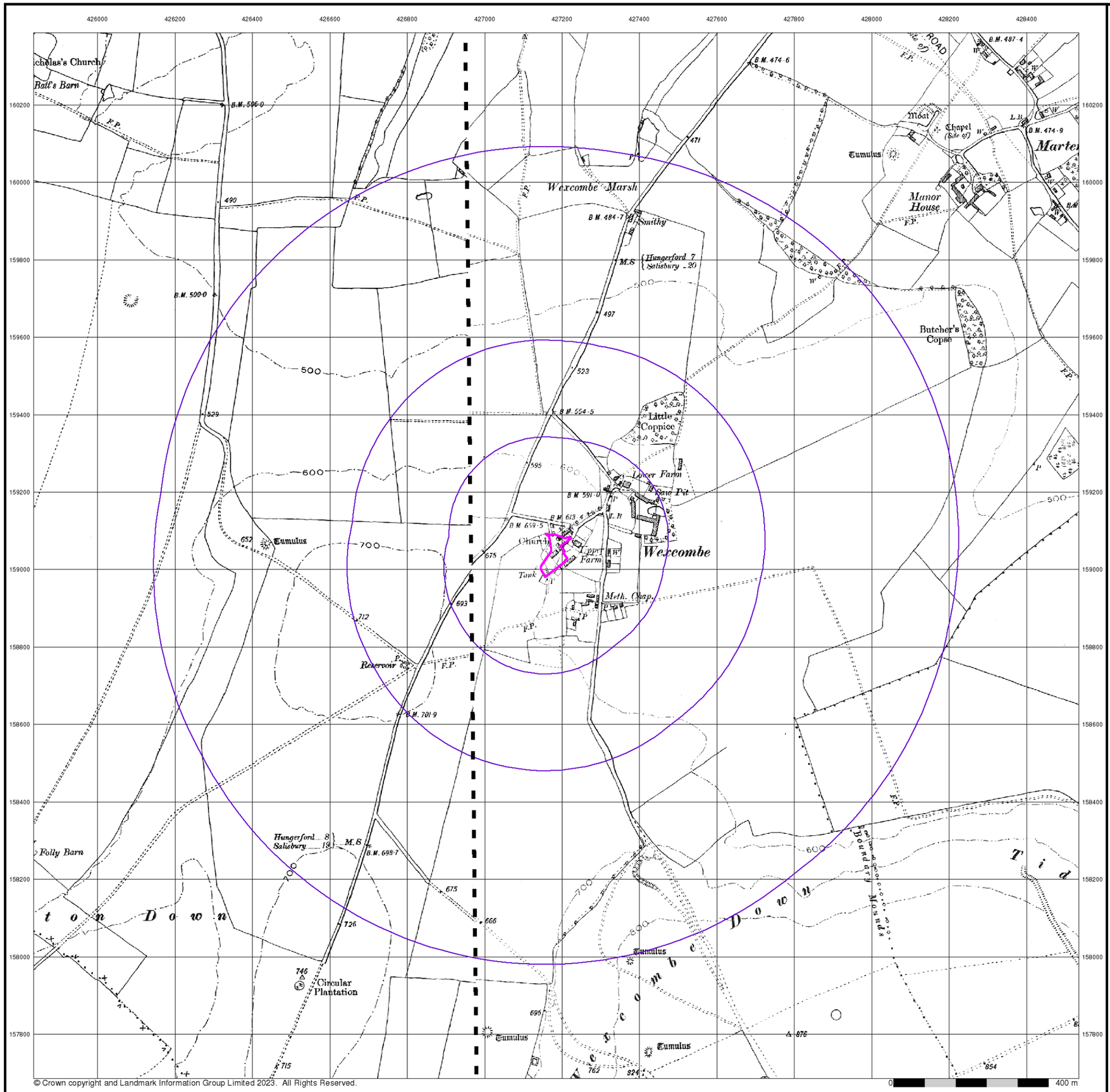
Order Details

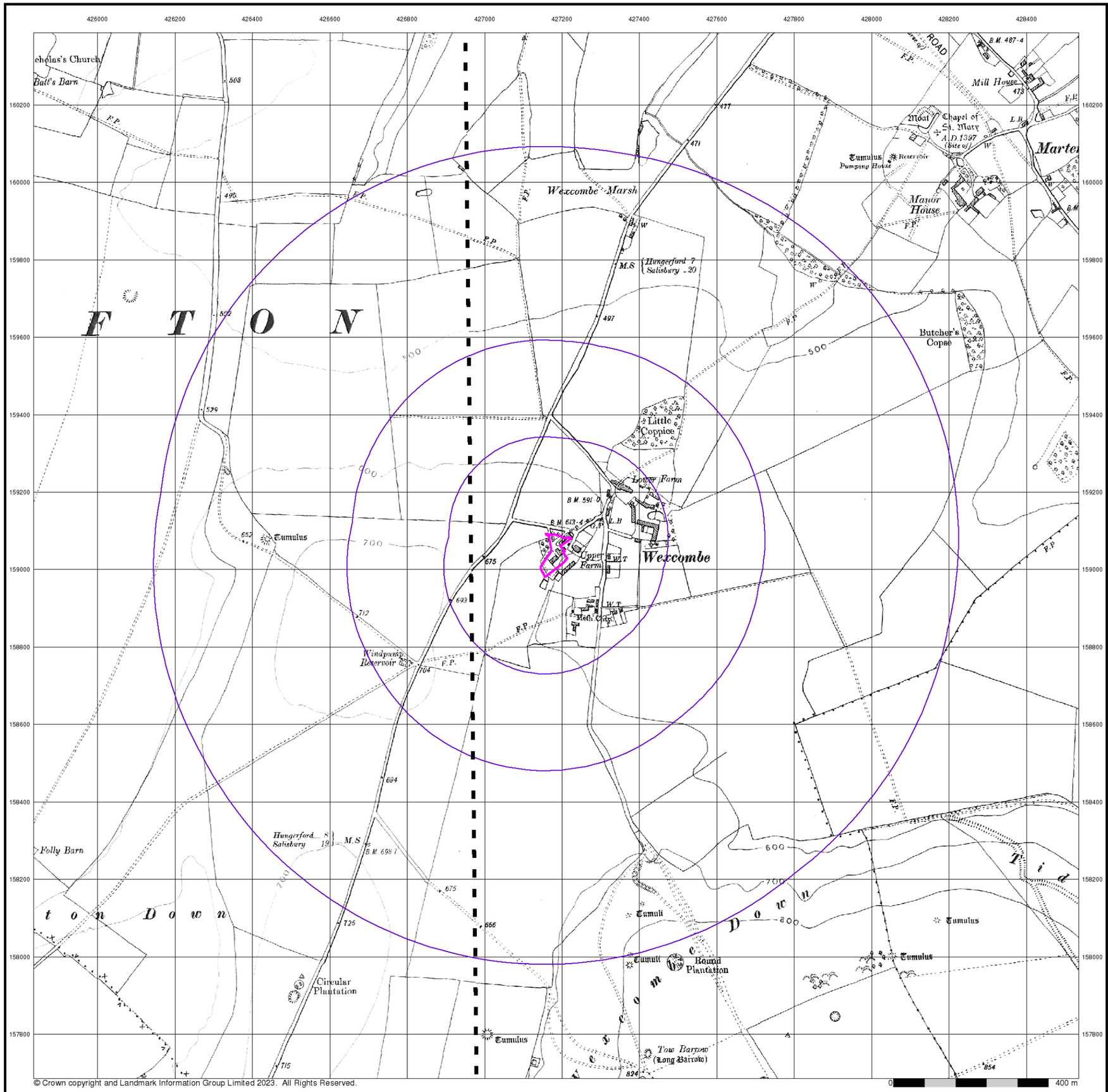
Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

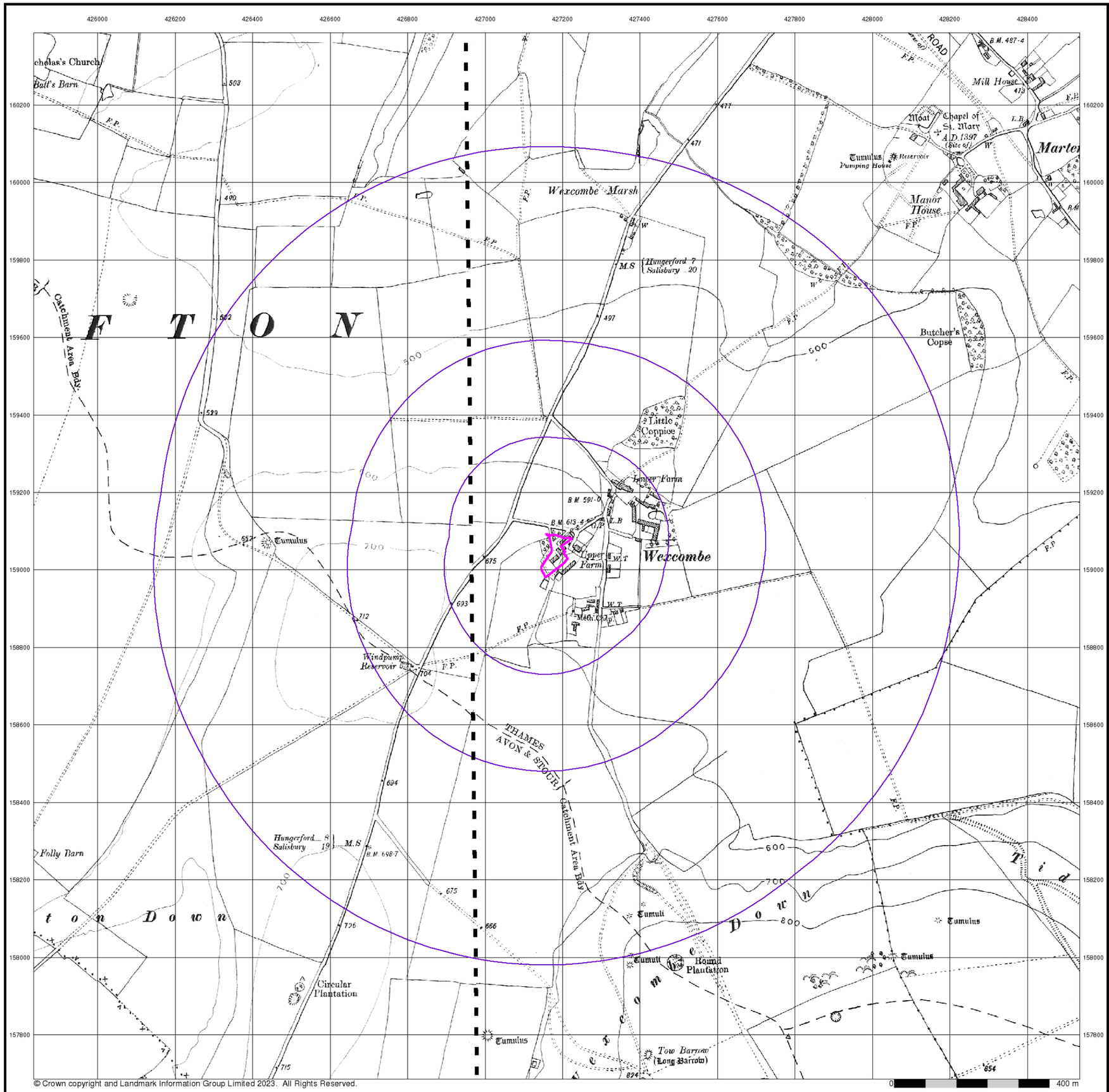
Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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


426000
426200
426400
426600
426800
427000
427200
427400
427600
427800
428000
428200
428400
160200
160000
159800
159600
159400
159200
159000
158800
158600
158400
158200
158000
157800
Batt's Barn
B.M. 506·0
B.M. 500·0
Wexcombe Marsh
B.M. 484·7
Smithy
M.S
Hungerford 7
Salisbury 20
B.M. 474·6
B.M. 487·4
Meat
Chapel
(Site of)
B.M. 474·9
Tumulus
Manor House
Butcher's Copse
B.M. 554·5
Little Coppice
Lower Farm
Sand Pit
B.M. 591·0
B.M. 613·4
B.M. 659·5
Church
Upper Farm
Wexcombe
Tank
Meth. Chap.
Reservoir
B.M. 701·9
Folly Barn
Hungerford 8
Salisbury 19
M.S
B.M. 698·7
Circular Plantation
Tumulus
Tumulus
Tumulus


426000
426200
426400
426600
426800
427000
427200
427400
427600
427800
428000
428200
428400
160200
160000
159800
159600
159400
159200
159000
158800
158600
158400
158200
158000
157800
cholas's Church
Batt's Barn
508
490
529
F T O N
500
600
700
800
652
675
693
712
704
694
725
666
715
824
854
477
471
497
Wexcombe Marsh
M.S
Hungerford 7
Salisbury 20
Moat
Chapel of St. Mary A.D.1397 (Site of)
Mill House
478
B.M. 487·4
ROAD
Tumulus
Reservoir
Pumping House
Manor House
Butcher's Copse
Little Coppice
Lower Farm
B.M. 591·0
B.M. 613·4
Upper Farm
Wexcombe
Mech. Cattle
Windpump
Reservoir
Hungerford 8
Salisbury 19
B.M. 698·7
Folly Barn
Circular Plantation
Tumuli
Round Plantation
Tow Barrow
(Long Barrow)
Tumulus
Tumulus
Tumulus



soils LIMITED
Geotechnical & Environmental Consultants

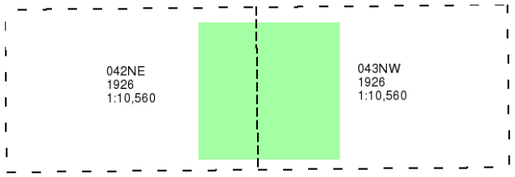
Wiltshire

Published 1926

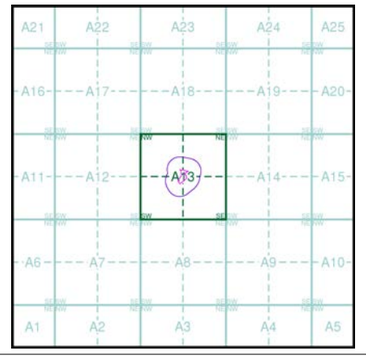
Source map scale - 1:10,560

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



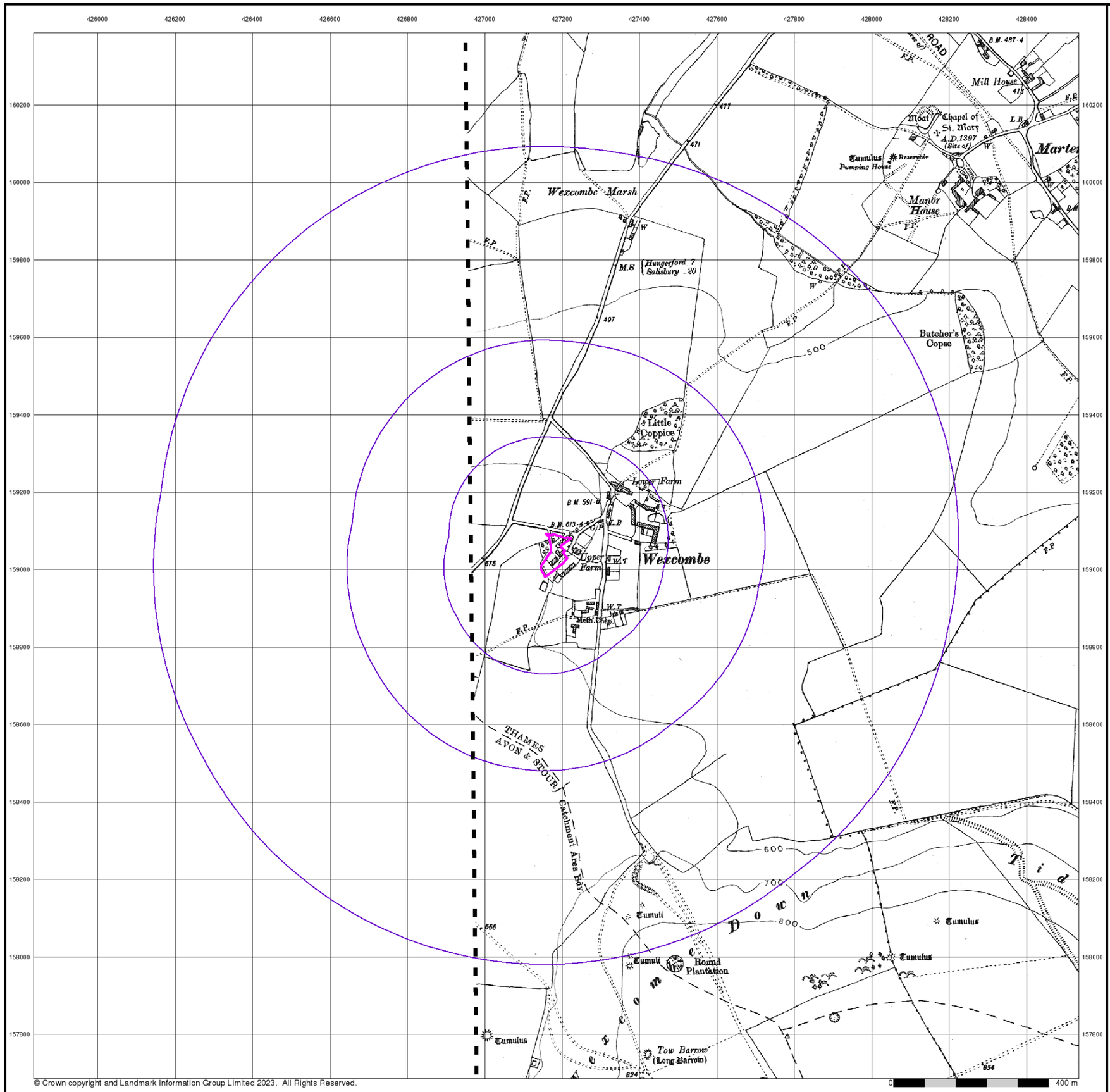
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright and Landmark Information Group Limited 2023. All Rights Reserved.

soils LIMITED
Geotechnical & Environmental Consultants

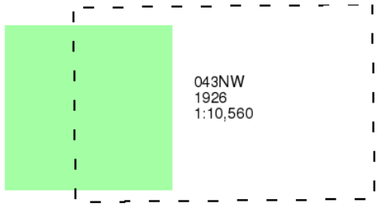
Wiltshire

Published 1926

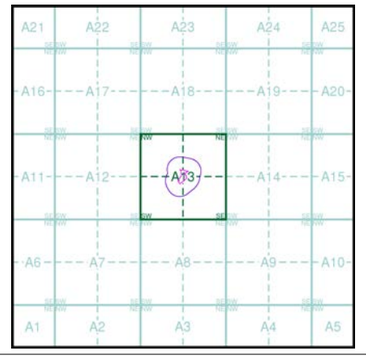
Source map scale - 1:10,560

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



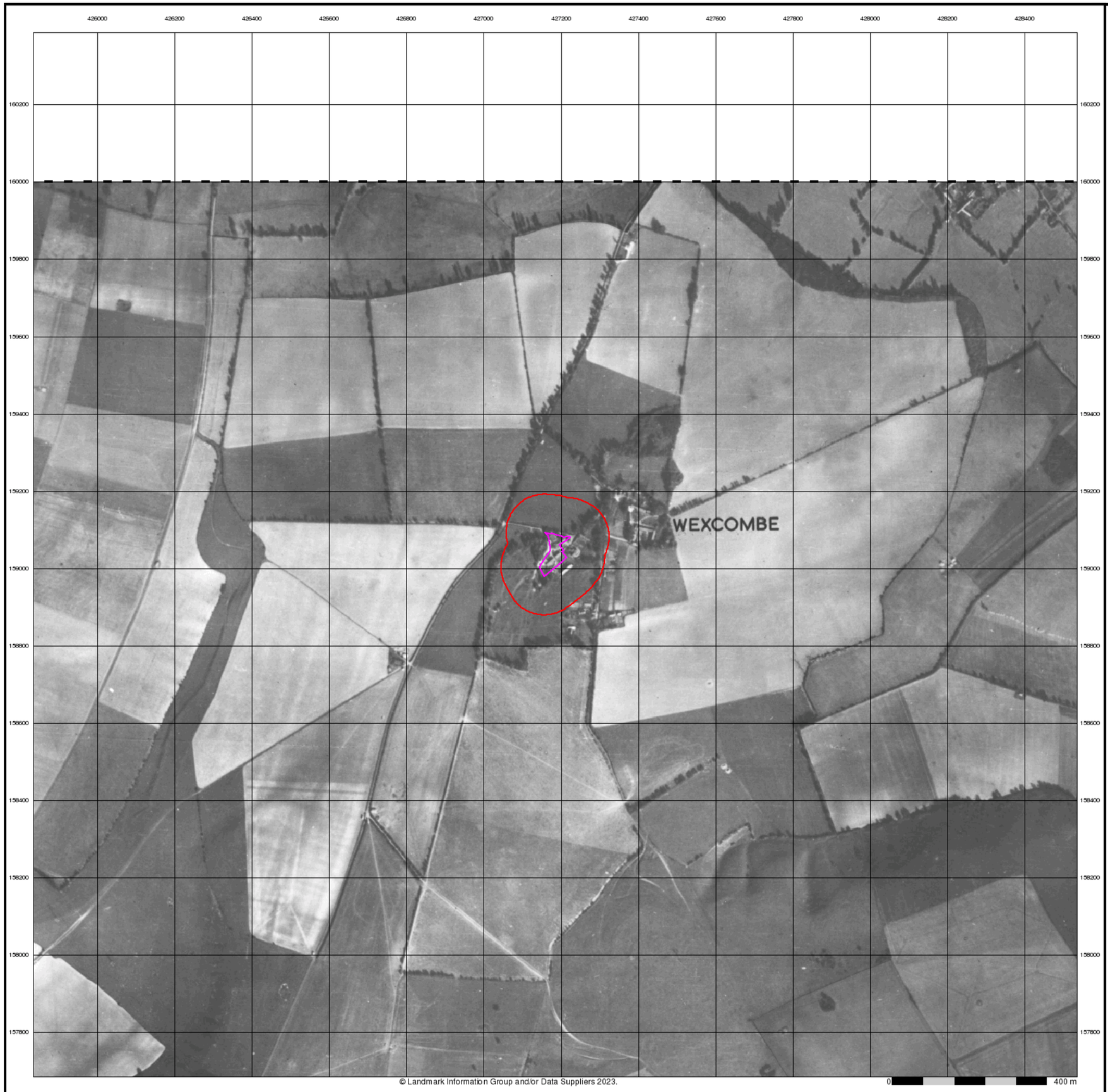
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

Historical Aerial Photography

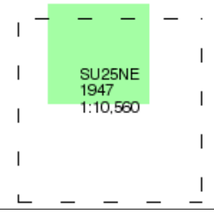
Published 1947

Source map scale - 1:10,560

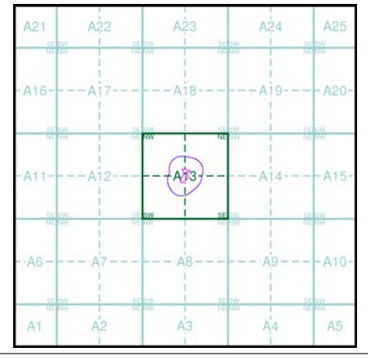
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



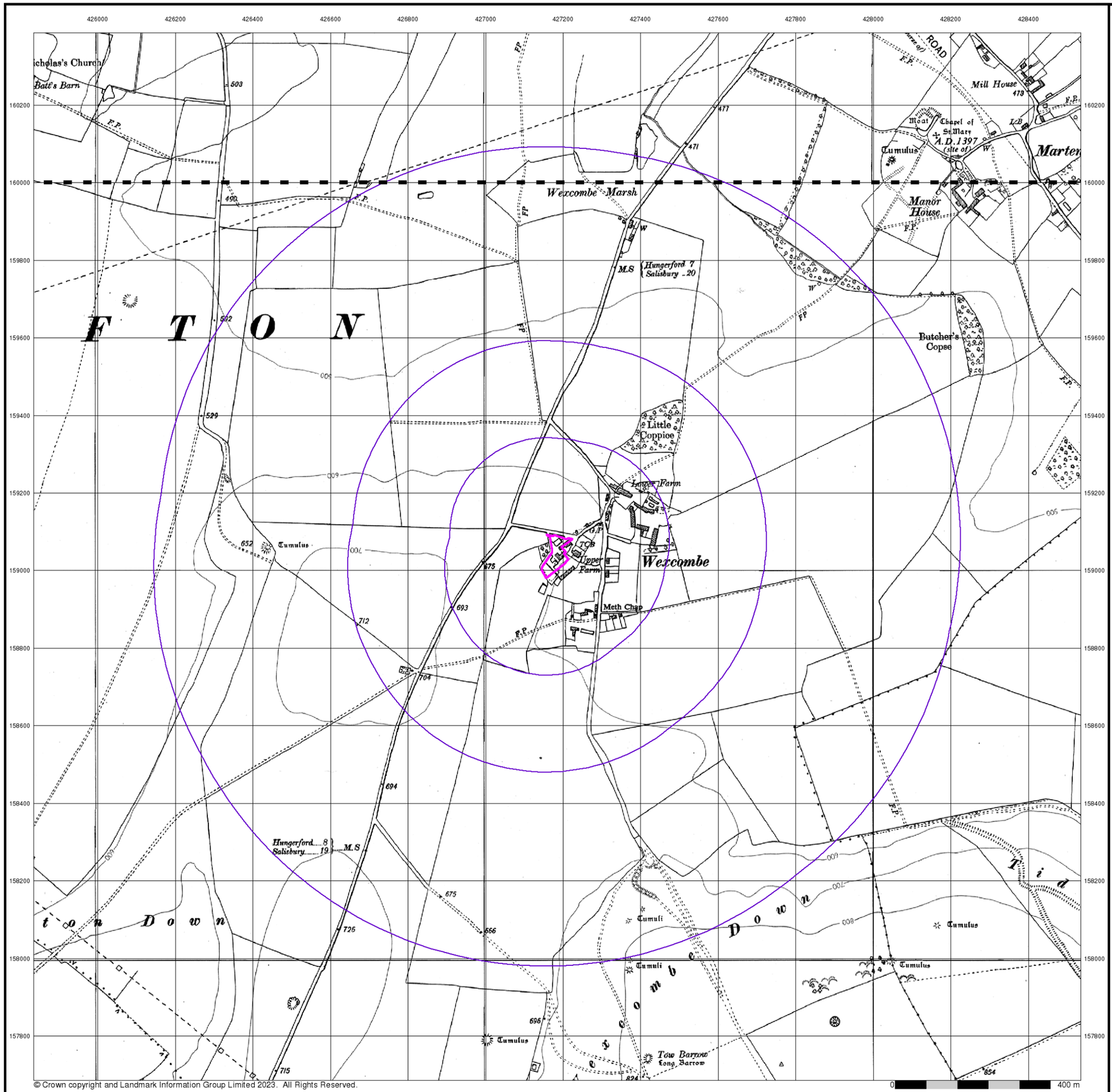
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

Ordnance Survey Plan

Published 1961

Source map scale - 1:10,000

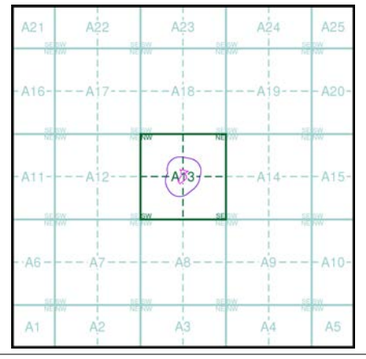
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SU26SE
1961
1:10,560

SU25NE
1961
1:10,560

Historical Map - Slice A



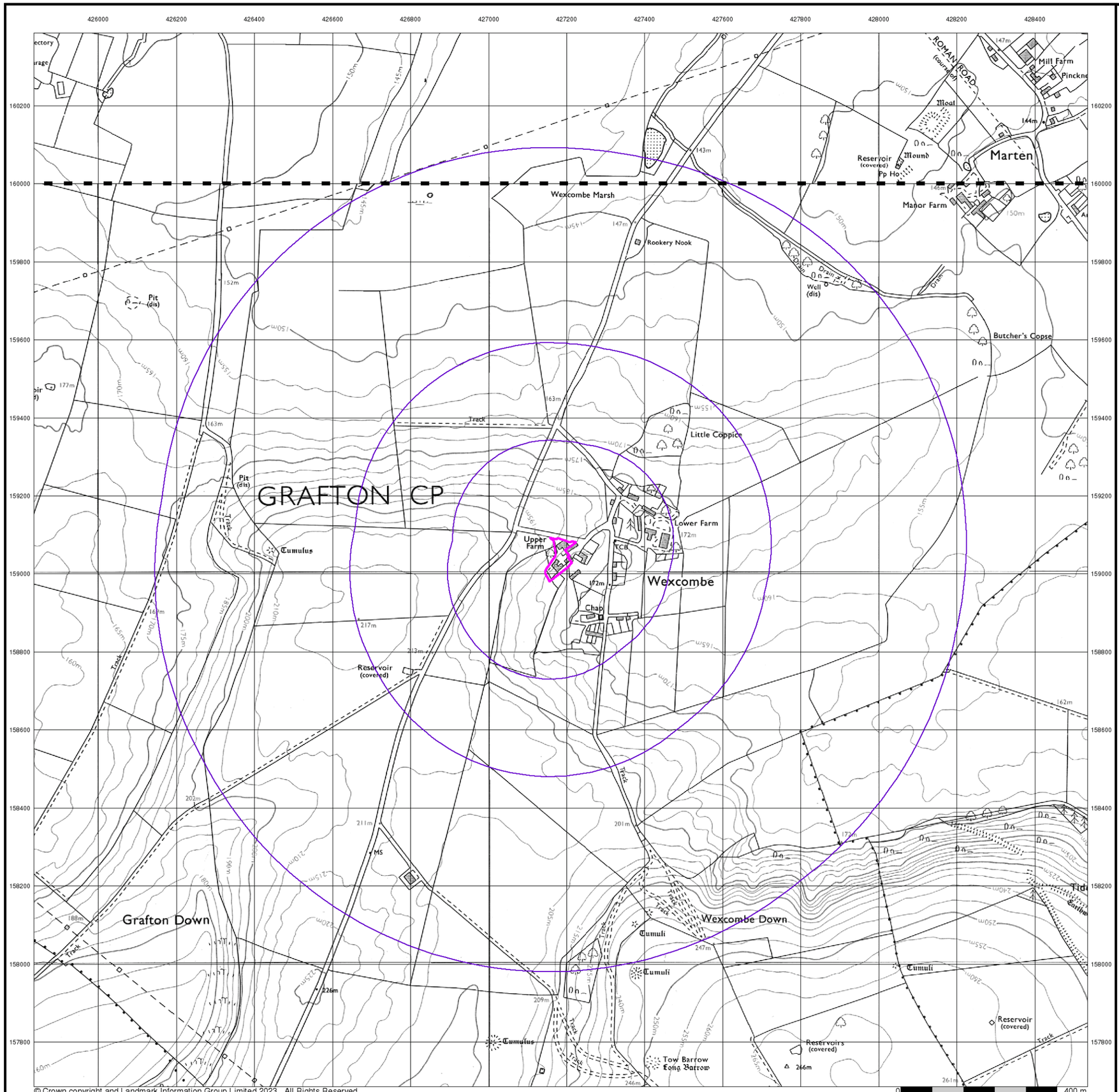
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

Ordnance Survey Plan

Published 1982

Source map scale - 1:10,000

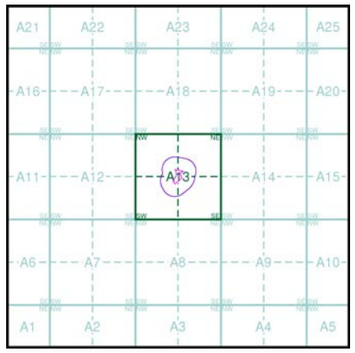
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SU26SE
1982
1:10,000

SU25NE
1982
1:10,000

Historical Map - Slice A



Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright. All Rights Reserved. Licence Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

10k Raster Mapping

Published 2000

Source map scale - 1:10,000

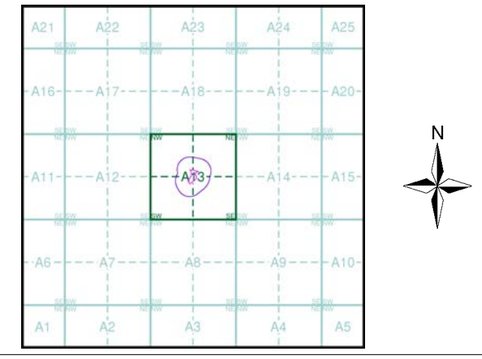
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

SU26SE
2000
1:10,000

SU25NE
2000
1:10,000

Historical Map - Slice A



Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright. All Rights Reserved. Licence Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

10k Raster Mapping

Published 2006

Source map scale - 1:10,000

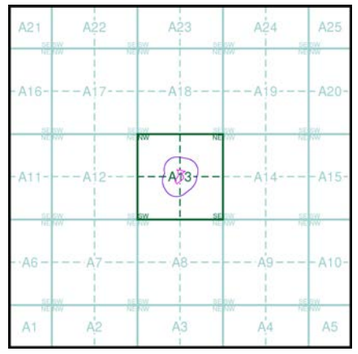
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

SU26SE
2006
1:10,000

SU25NE
2006
1:10,000

Historical Map - Slice A



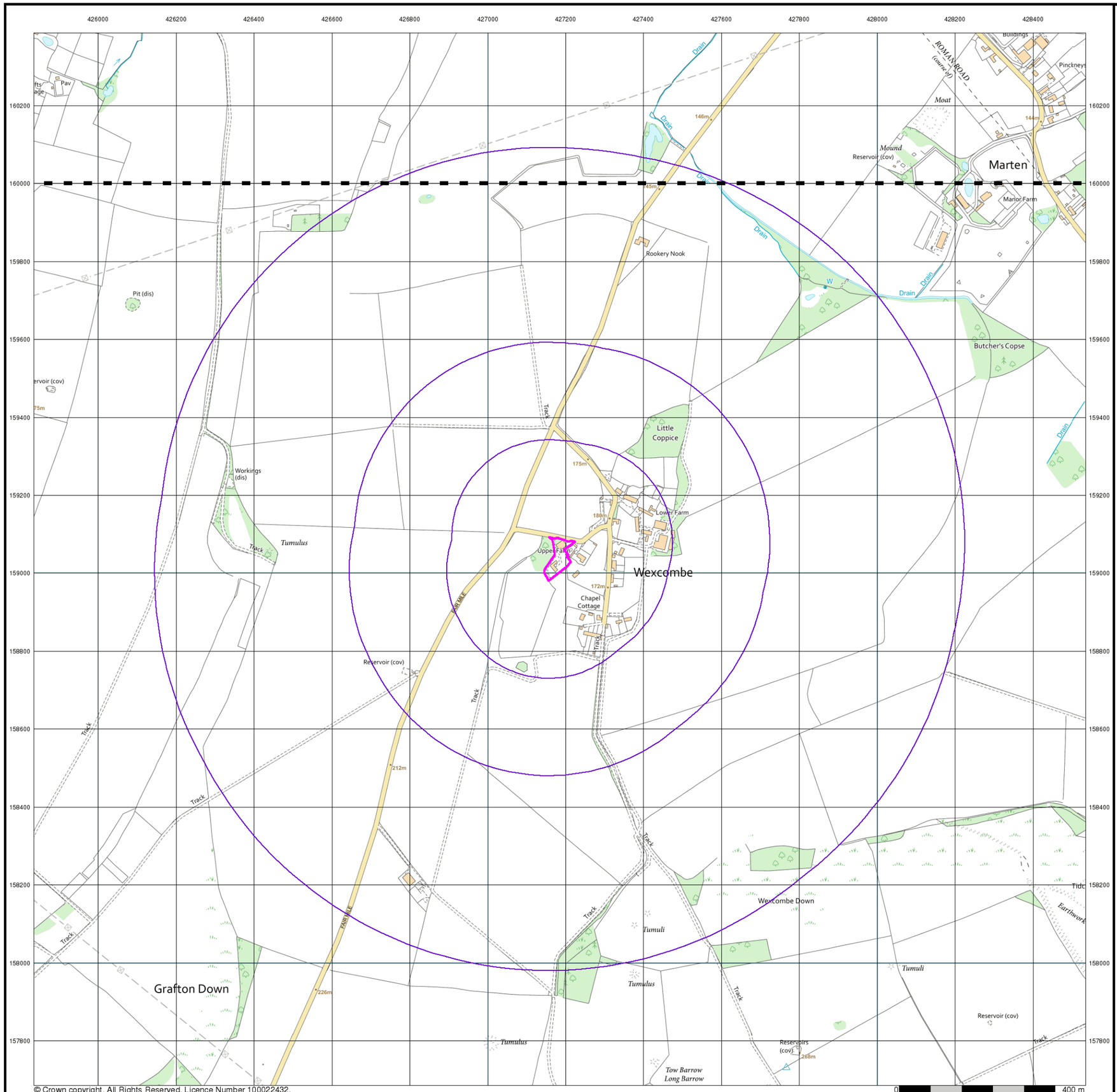
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright. All Rights Reserved. Licence Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

VectorMap Local

Published 2023

Source map scale - 1:10,000

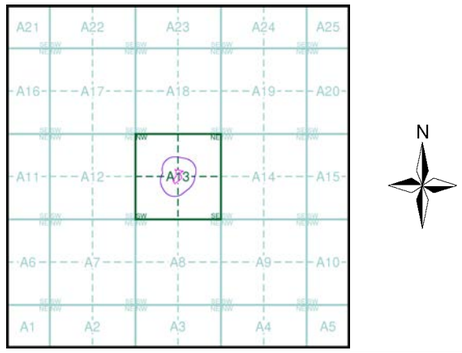
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

SU26SE 2023 Variable

SU25NE 2023 Variable

Historical Map - Slice A



Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

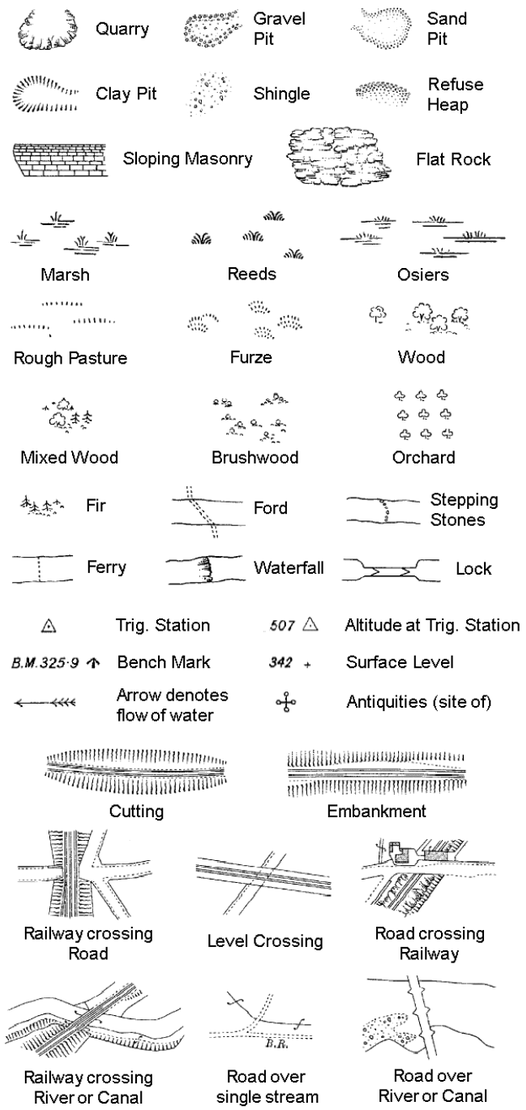
Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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

Historical Mapping Legends

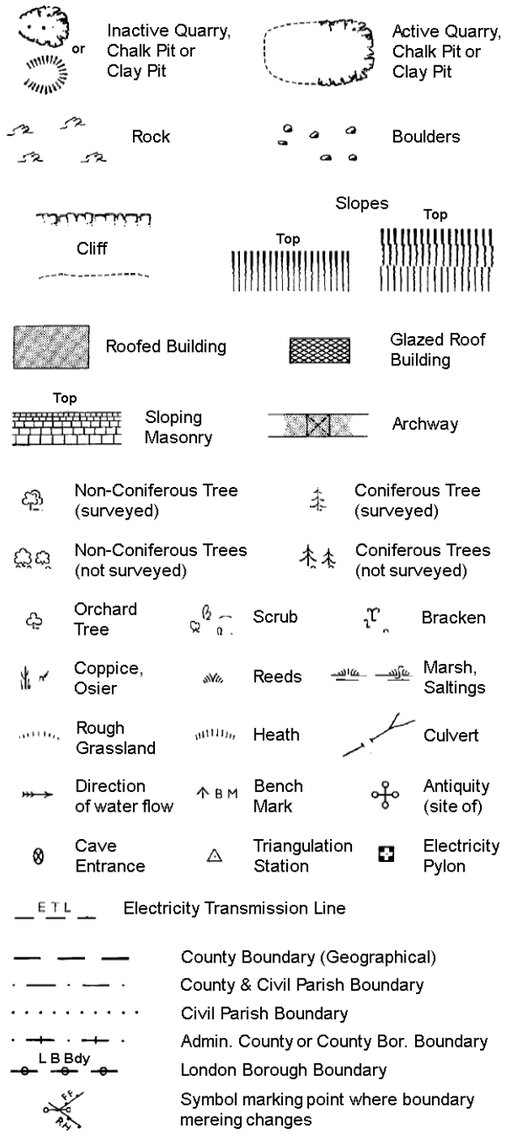
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

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

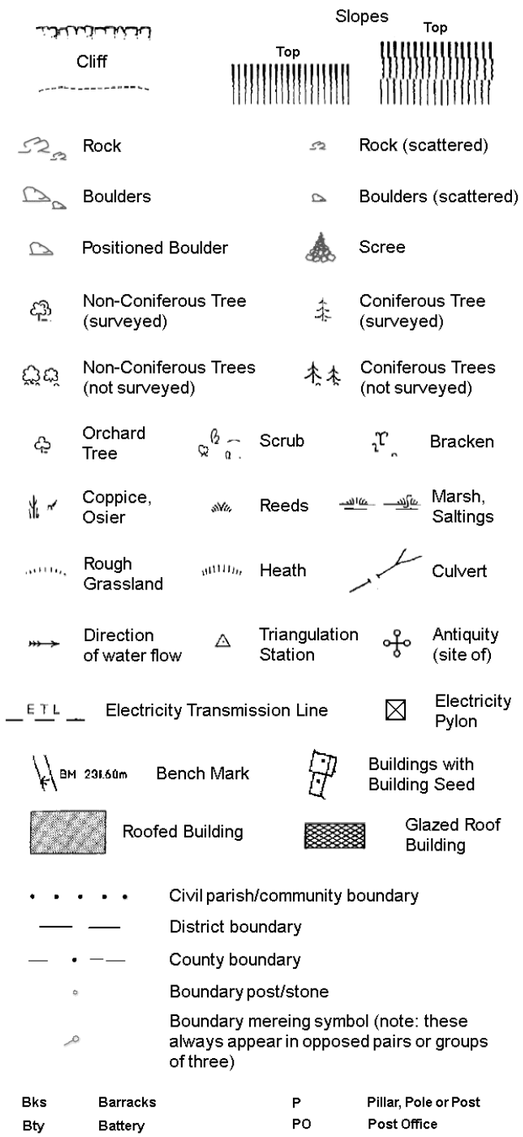
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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

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

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



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

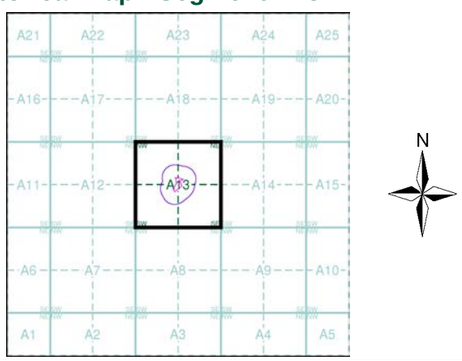
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity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

soils LIMITED
Geotechnical & Environmental Consultants

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1880	2
Wiltshire	1:2,500	1900	3
Wiltshire	1:2,500	1924	4
Ordnance Survey Plan	1:2,500	1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	2000	7

Historical Map - Segment A13



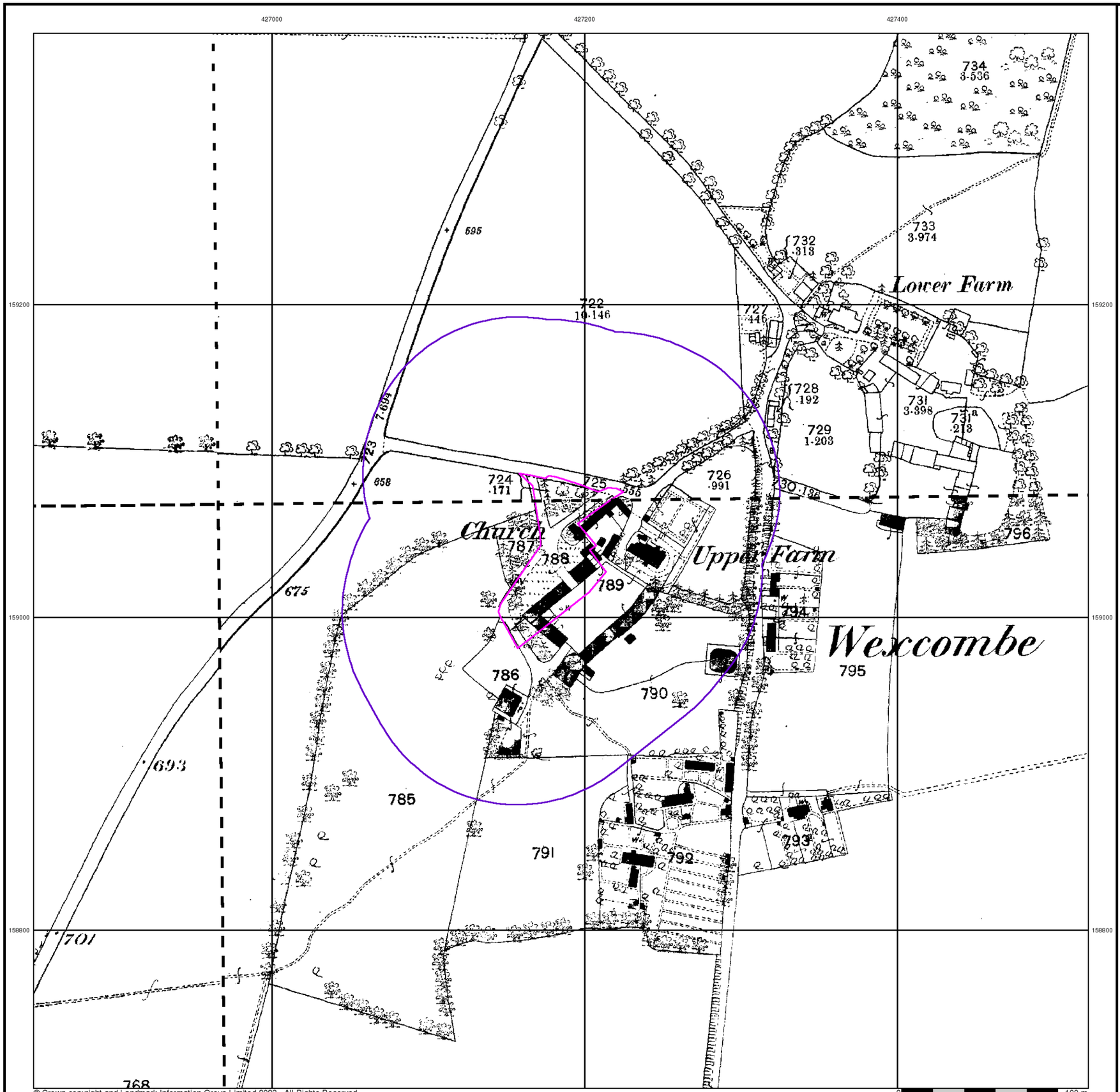
Order Details

Order Number: 313621713_1_1
Customer Ref: 21004
National Grid Reference: 427180, 159040
Slice: A
Site Area (Ha): 0.41
Search Buffer (m): 100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright and Landmark Information Group Limited 2023. All Rights Reserved.

0 100 m

soils LIMITED
Geotechnical & Environmental Consultants

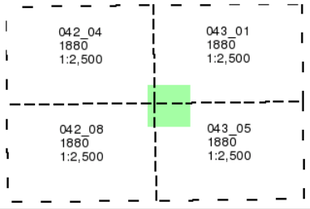
Wiltshire

Published 1880

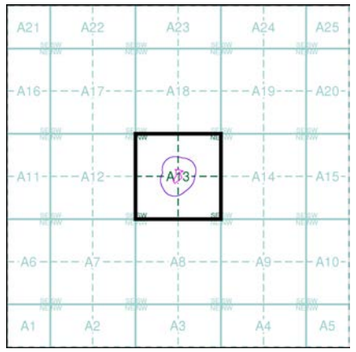
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



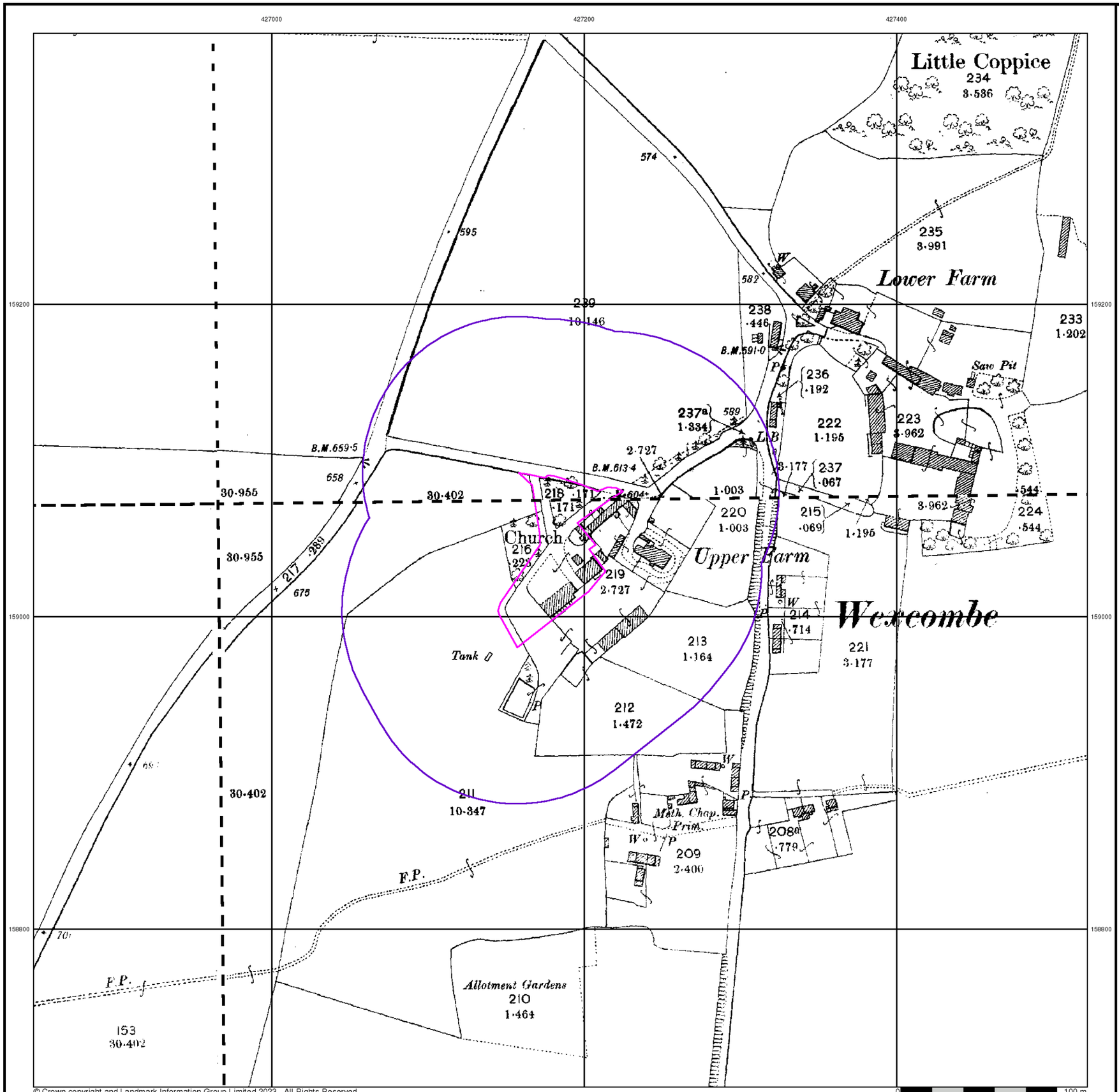
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright and Landmark Information Group Limited 2023. All Rights Reserved.

soils LIMITED
Geotechnical & Environmental Consultants

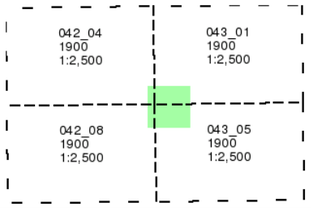
Wiltshire

Published 1900

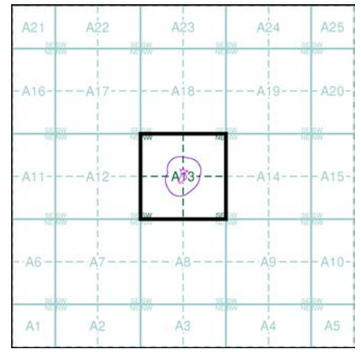
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



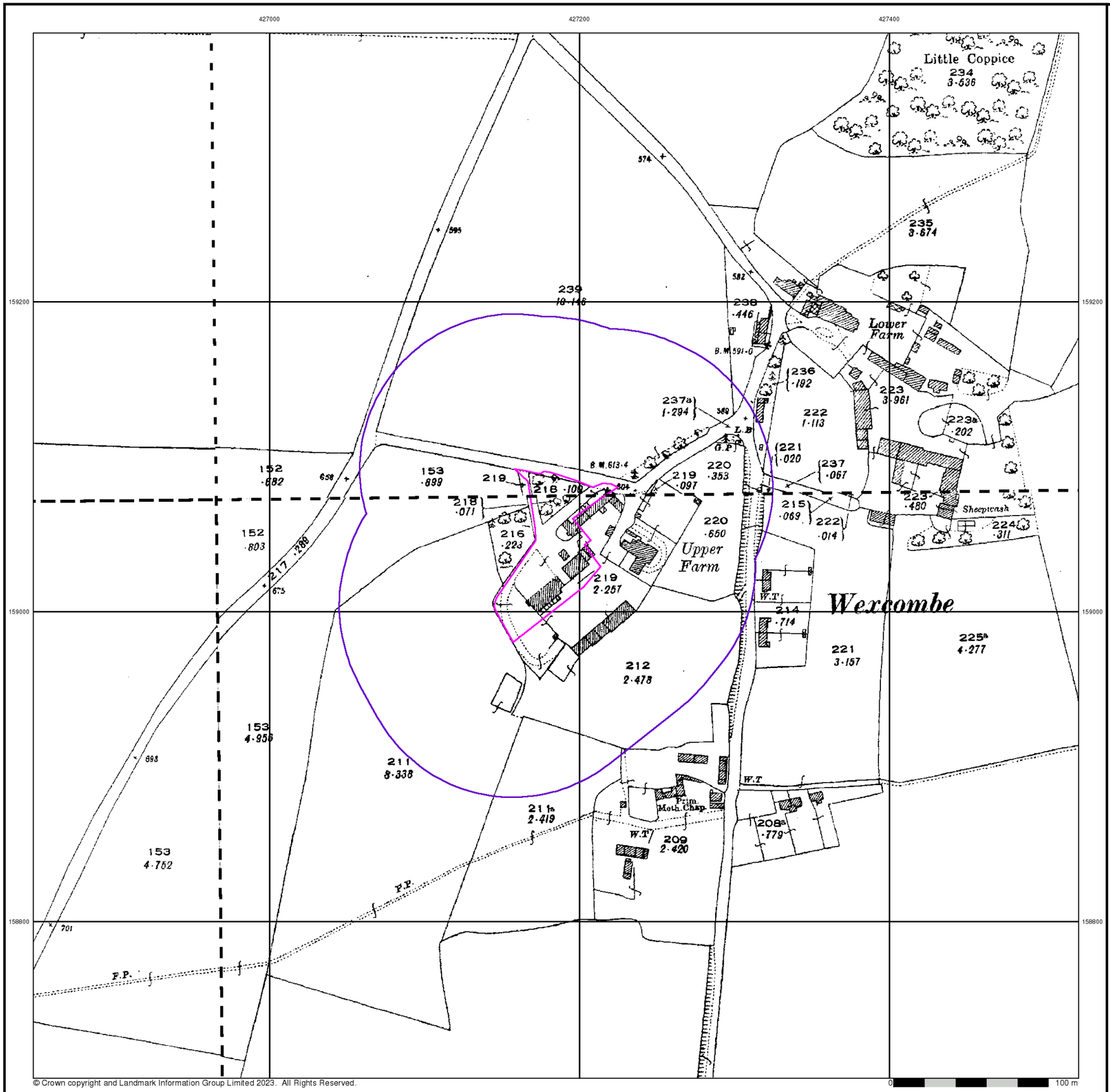
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown copyright and Landmark Information Group Limited 2023. All Rights Reserved.

0 100 m

soils LIMITED
Geotechnical & Environmental Consultants

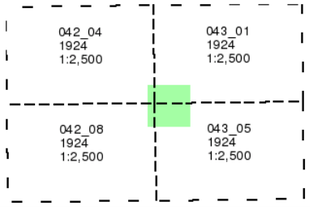
Wiltshire

Published 1924

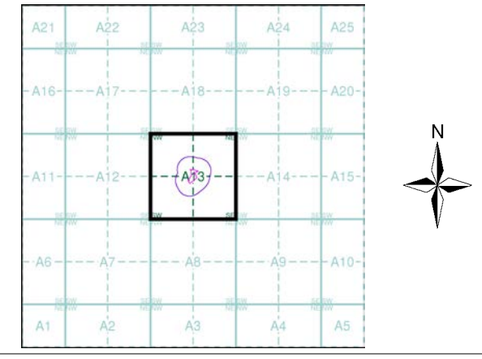
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



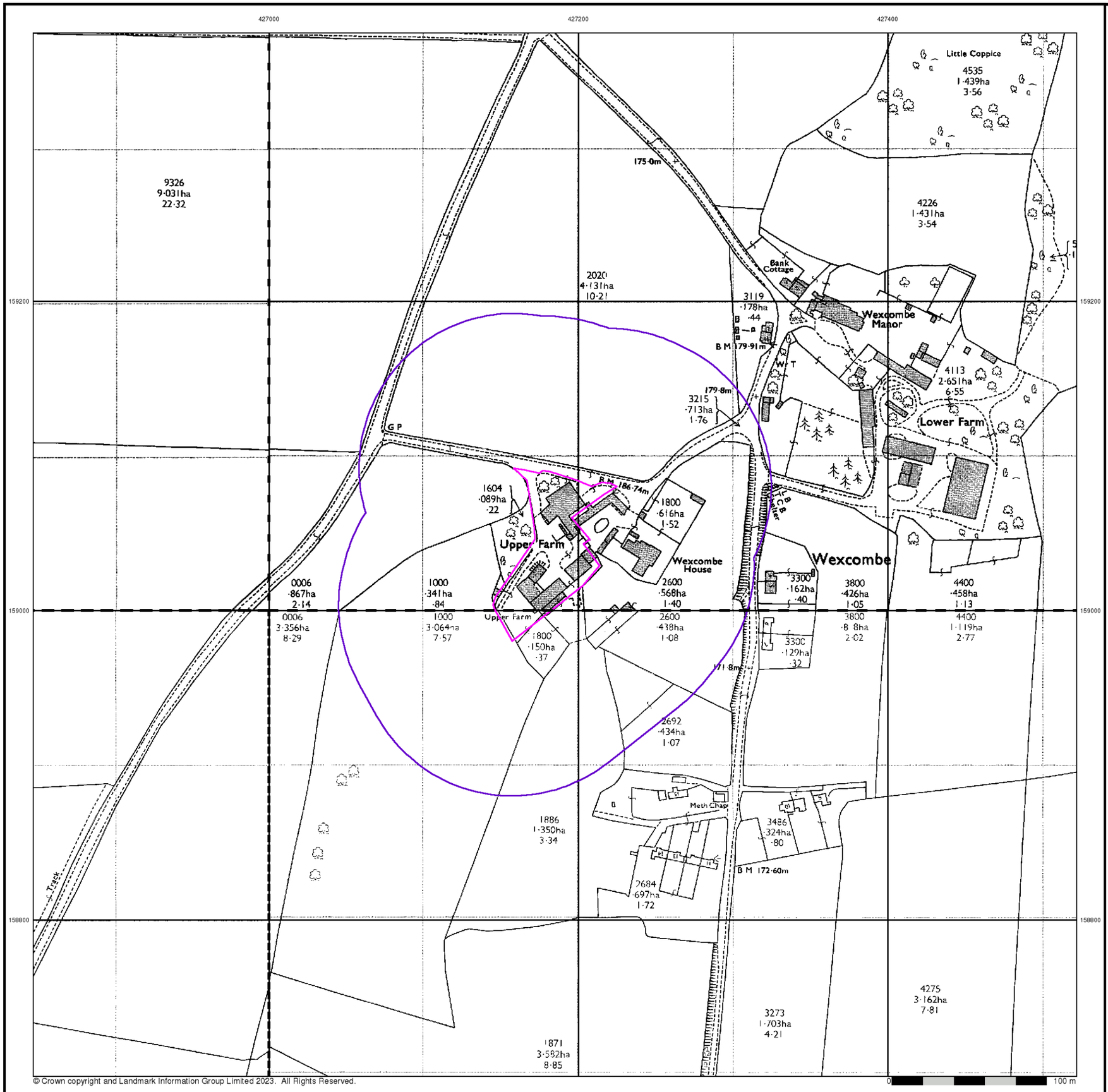
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

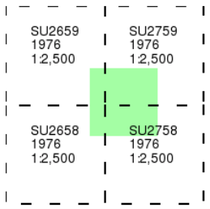
Ordnance Survey Plan

Published 1976

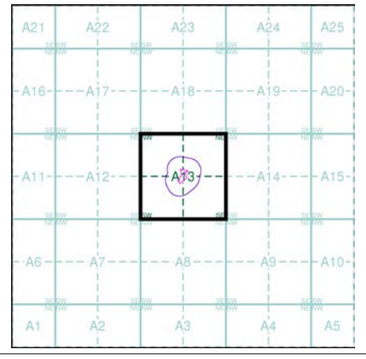
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

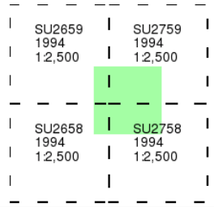
Large-Scale National Grid Data

Published 1994

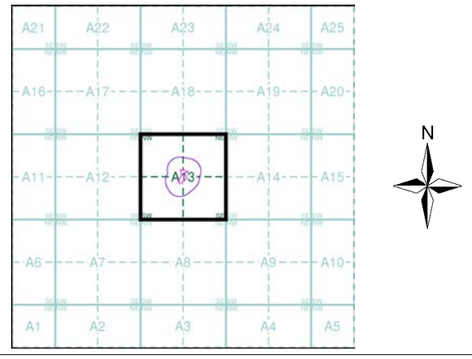
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



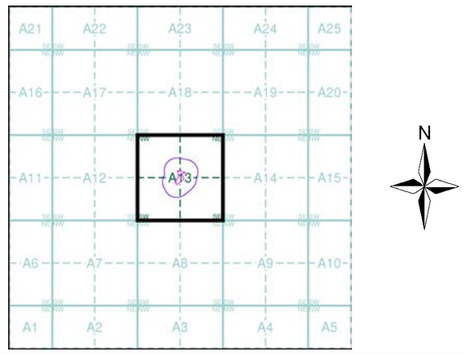
soils LIMITED
Geotechnical & Environmental Consultants

Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A13



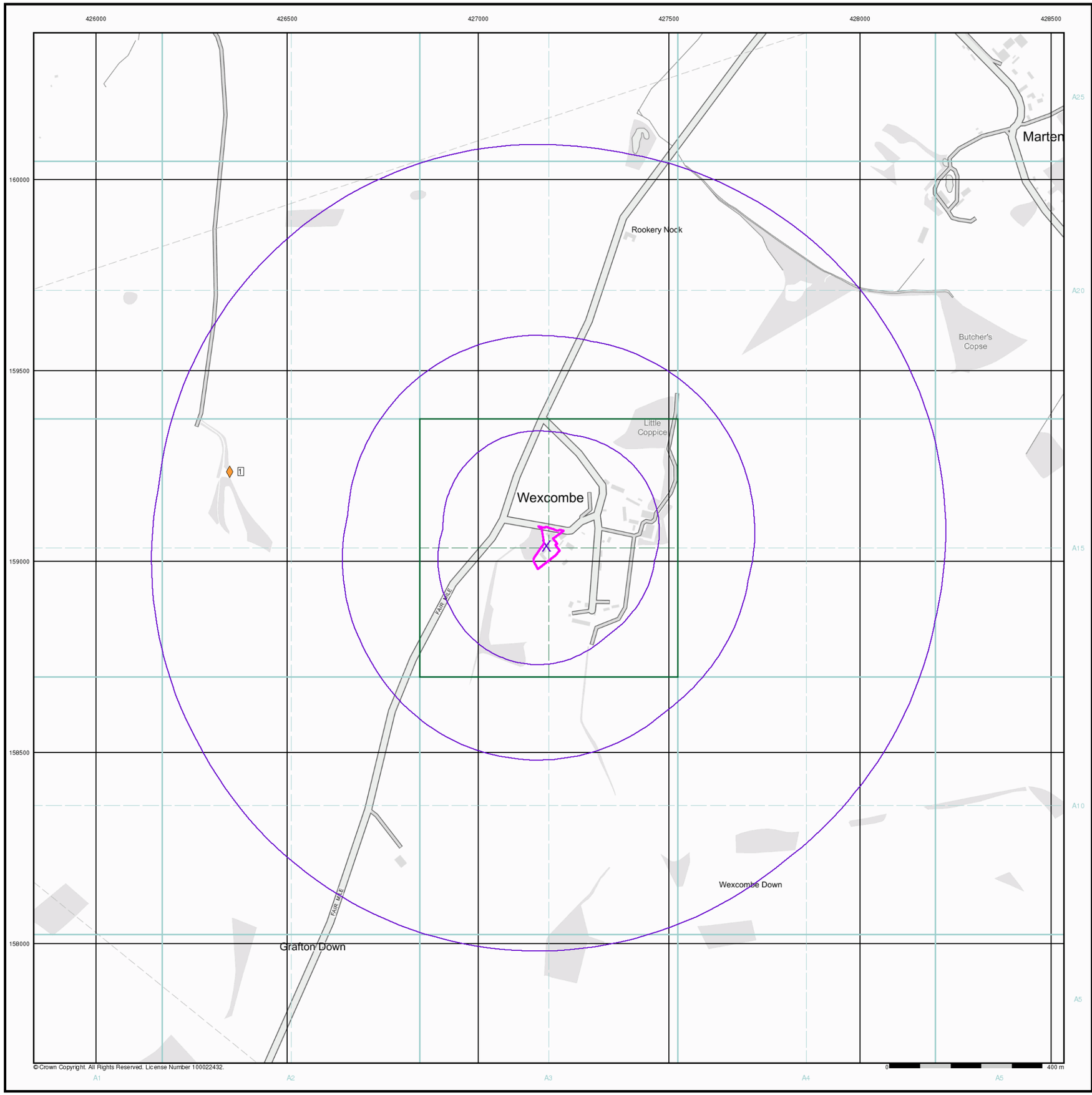
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

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

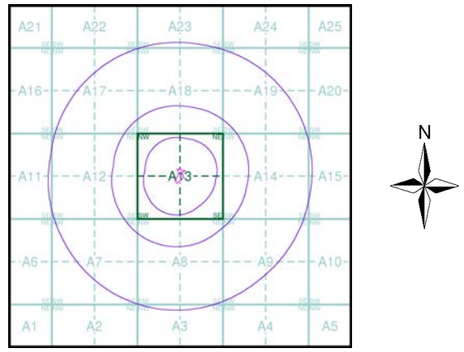
Historical Land Use

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

Mining Data

Potential Mining Area
BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



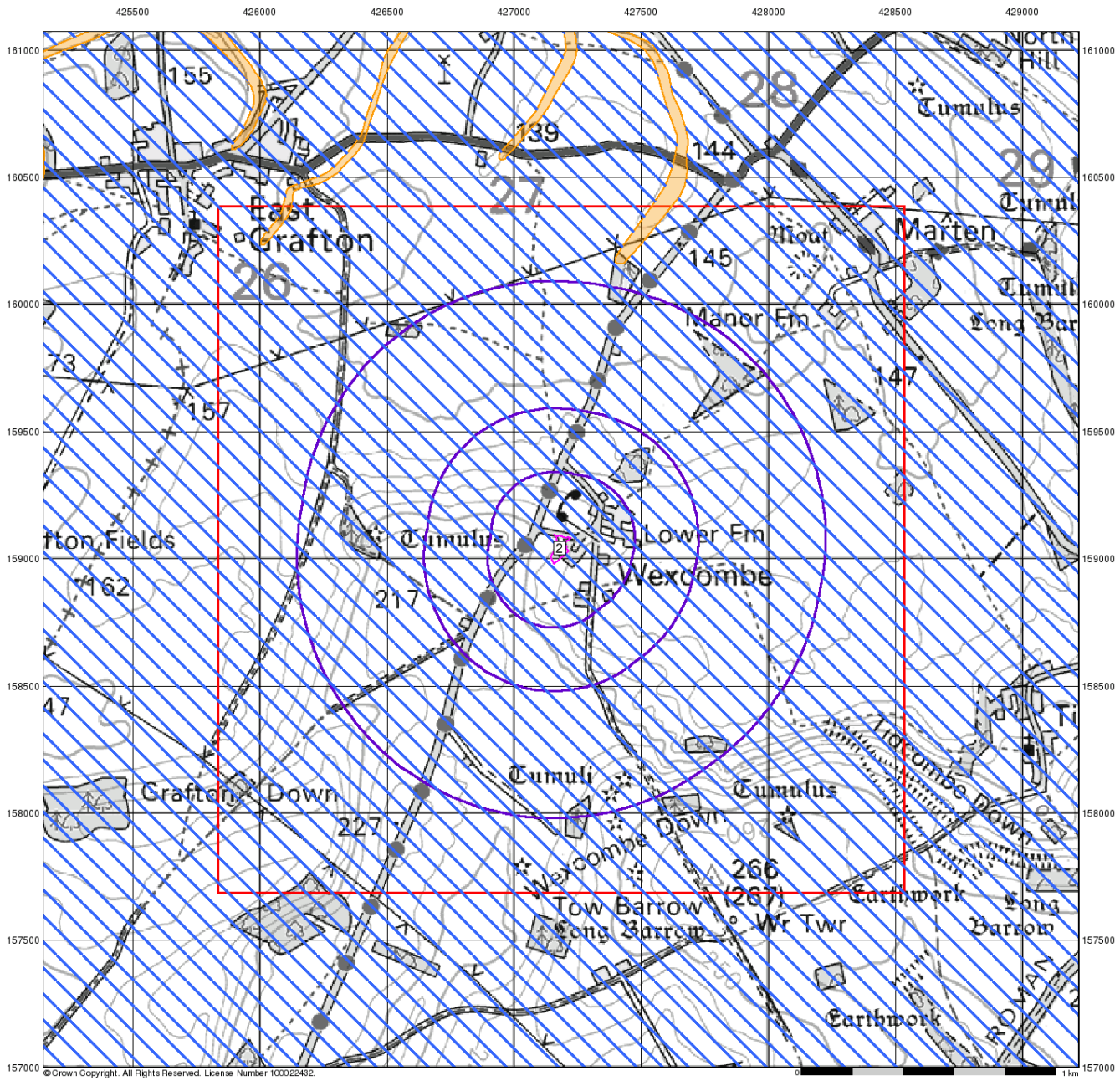
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

High | Low | Moderate | Very Low

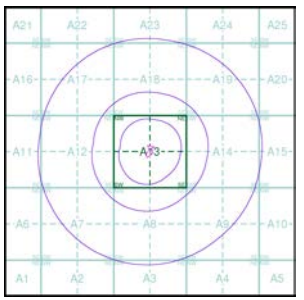
Potential for Collapsible Ground Stability Hazards

High | Low | Moderate | Very Low

Brine Pumping and Salt Mining

	Point	Polygon
Brine Pumping Related Feature	▲	▨
Salt Mining Related Feature	▲	▨

Mining and Ground Stability - Slice A



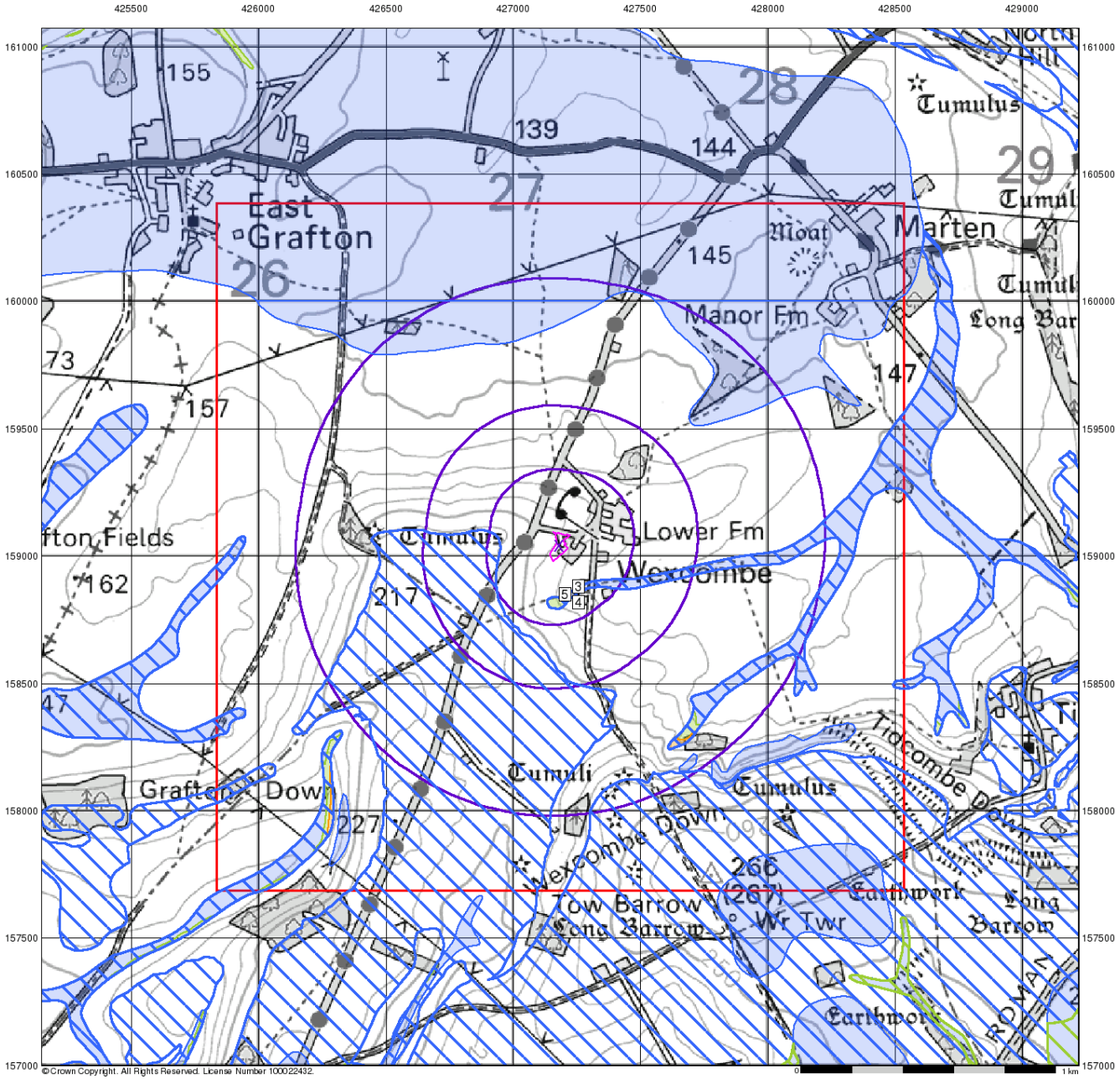
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

Ground Stability Data (1:50,000)

General

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

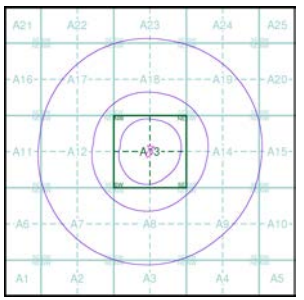
Potential for Landslide Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



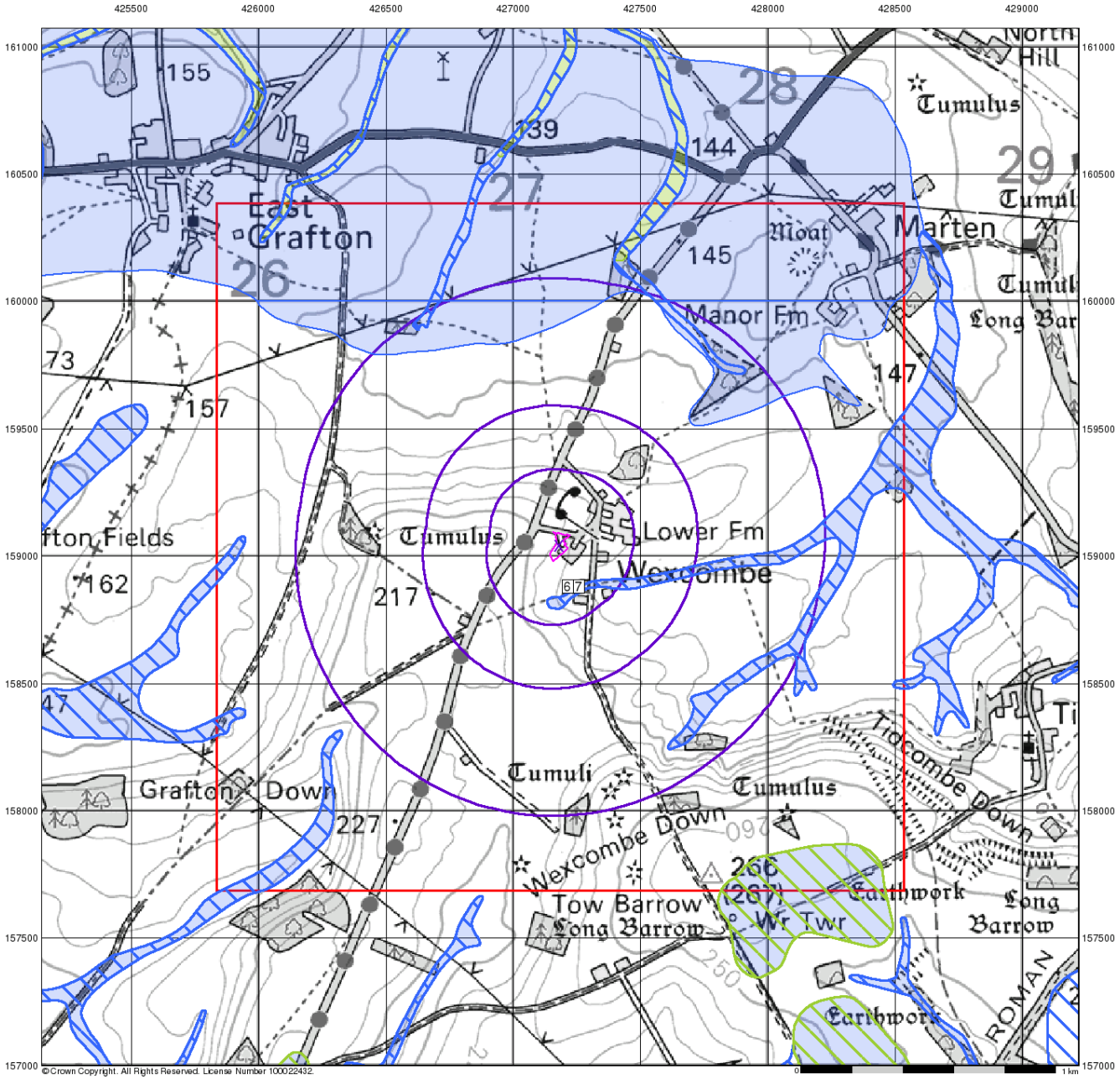
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



soils LIMITED
Geotechnical & Environmental Consultants

Ground Stability Data (1:50,000)

General

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

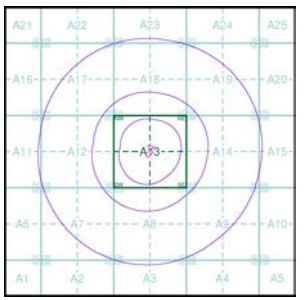
Potential for Running Sand Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



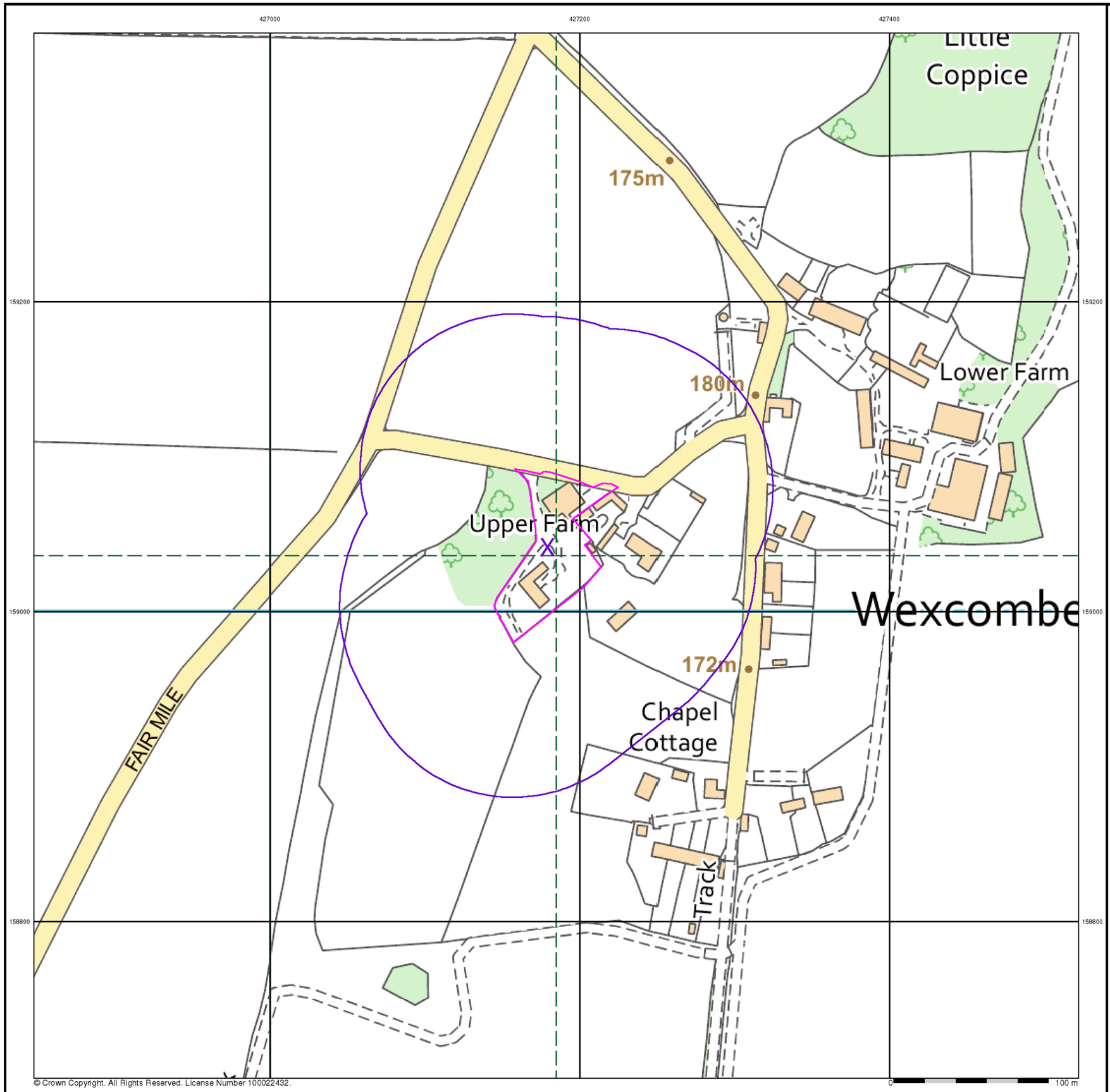
Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

Historical Land Use Information (1:2,500)

General

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

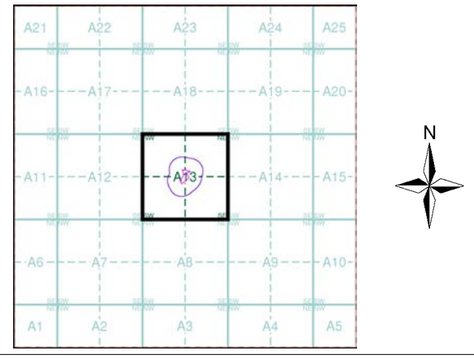
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A13



Order Details

Order Number:	313621713_1_1
Customer Ref:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Plot Buffer (m):	100

Site Details

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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

Appendix C Landmark Envirocheck Report

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
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	HEAD1	Head, 1	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	CWF	Clay-with-flints Formation	Clay, Sand and Gravel	Not Supplied - MIOCENE

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SECK	Seaford Chalk Formation	Chalk	Not Supplied - Coniacian
	NPCH	New Pit Chalk Formation	Chalk	Not Supplied - Turonian
	LECH	Lewes Nodular Chalk Formation	Chalk	Not Supplied - Turonian
	ZZCH	Zig Zag Chalk Formation	Chalk	Not Supplied - Cenomanian
	HCK	Holywell Nodular Chalk Formation	Chalk	Not Supplied - Cenomanian
	WMCH	West Melbury Marly Chalk Formation	Chalk	Not Supplied - Cenomanian
	UGS	Upper Greensand Formation	Sandstone	Not Supplied - Albian
		Faults		

soils LIMITED
Geotechnical & Environmental Consultants

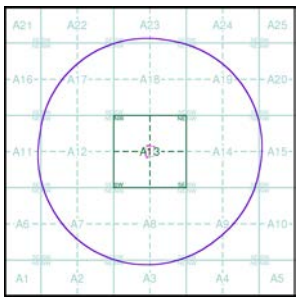
Geology 1:50,000 Maps

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:	**283**
Map Name:	**Andover**
Map Date:	**2012**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Not Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A

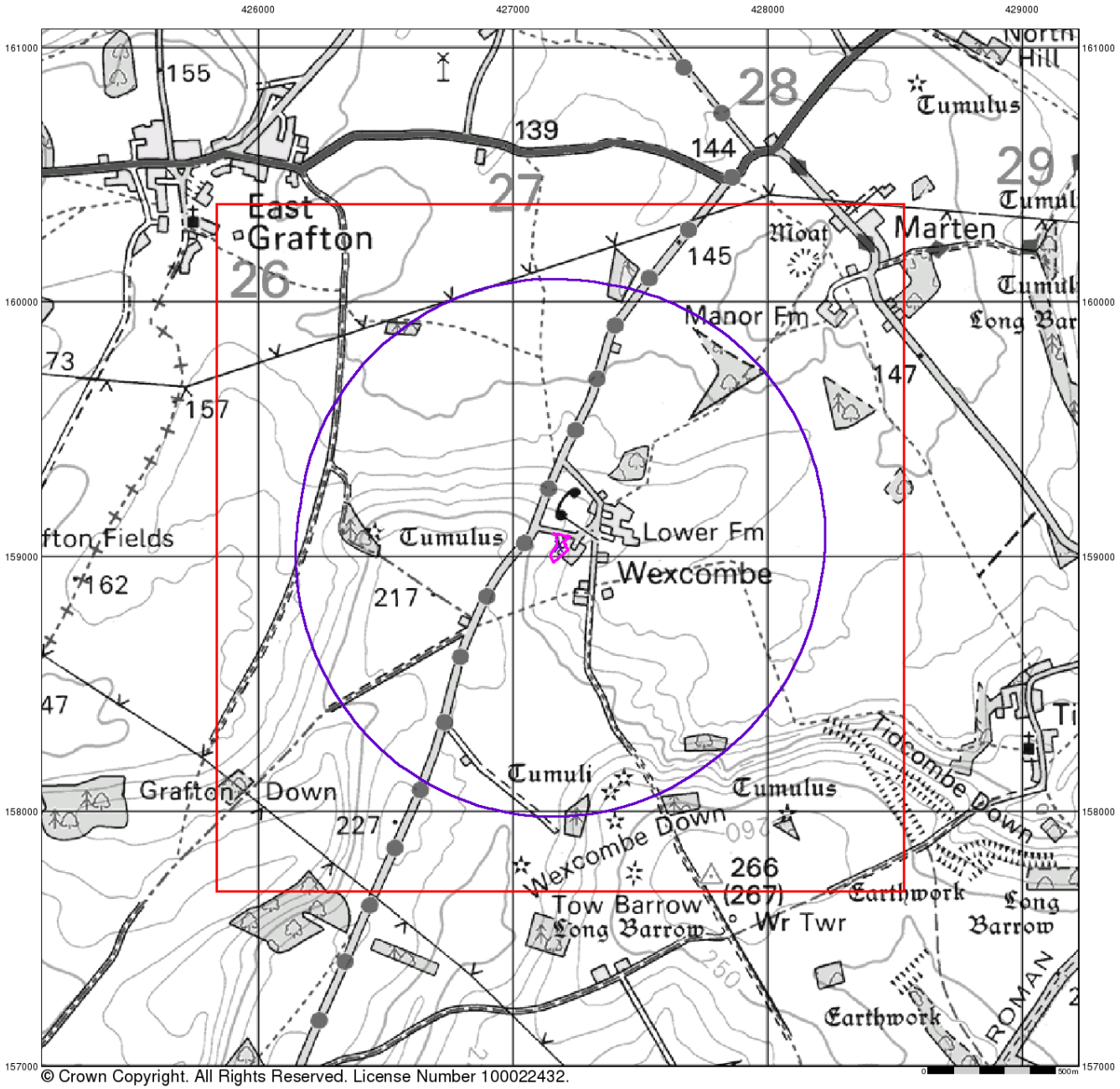


Order Details:

Order Number:	313621713_1_1
Customer Reference:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details:

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ



© Crown Copyright. All Rights Reserved. License Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

Artificial Ground and Landslip

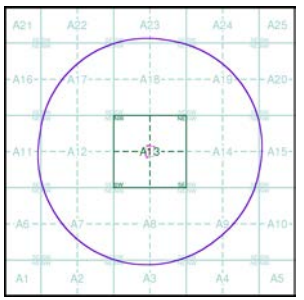
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



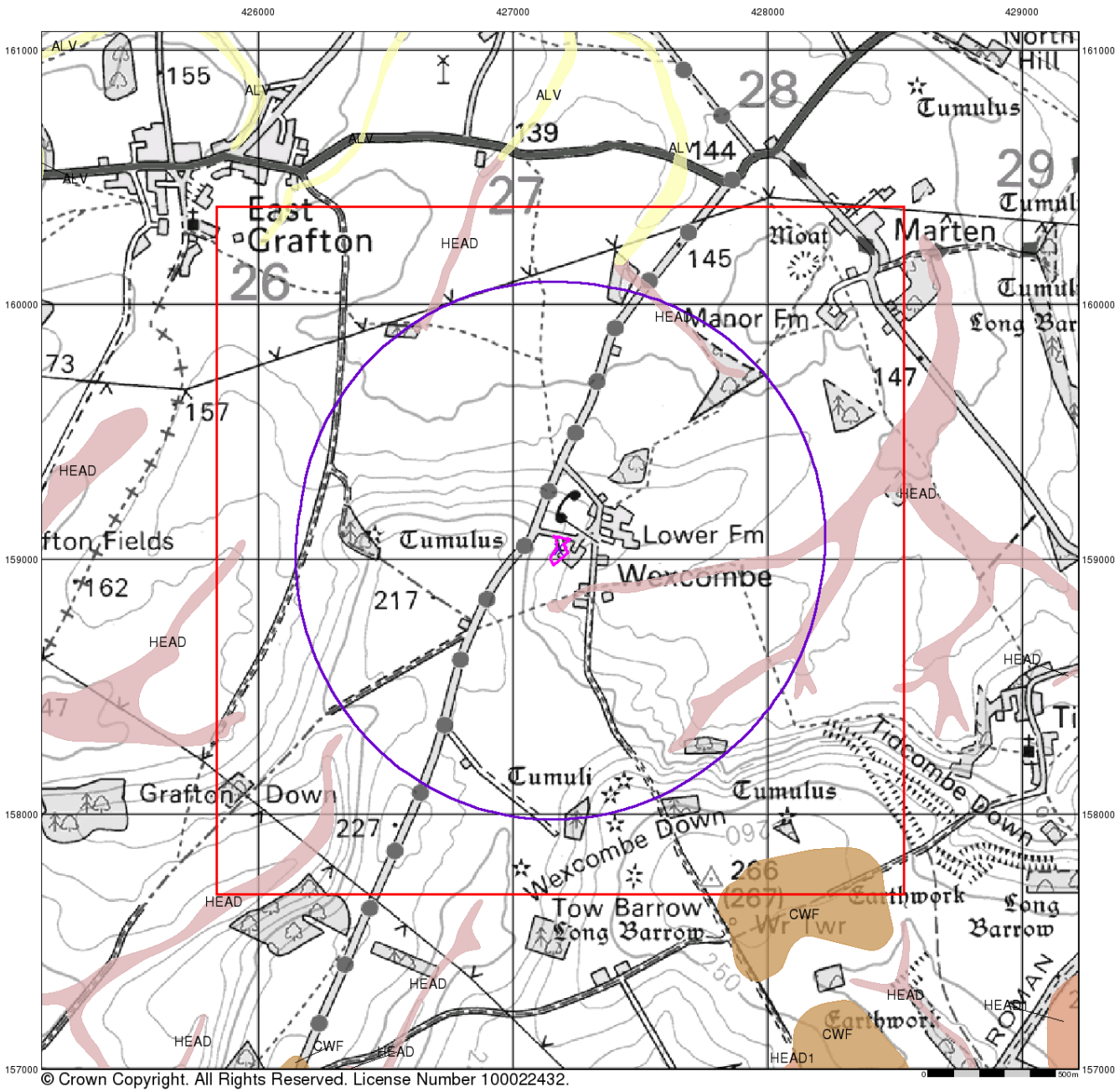
Order Details:

Order Number:	313621713_1_1
Customer Reference:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details:

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

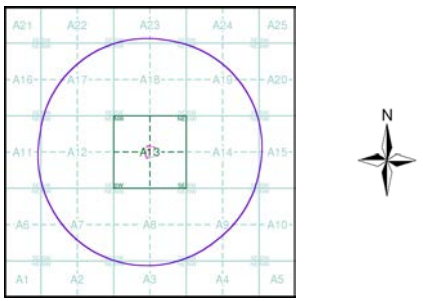
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



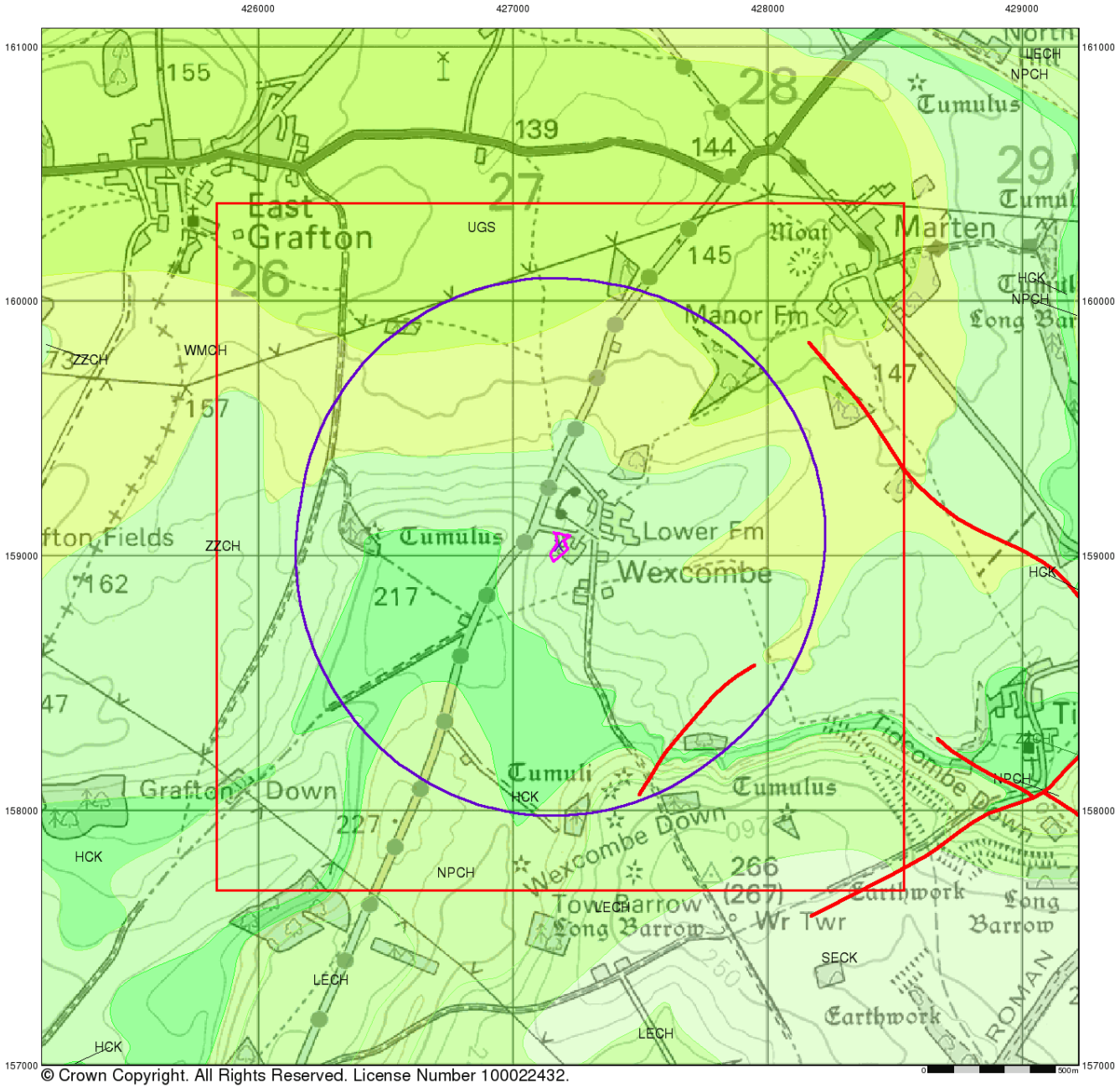
Order Details:

Order Number:	313621713_1_1
Customer Reference:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details:

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

Bedrock and Faults

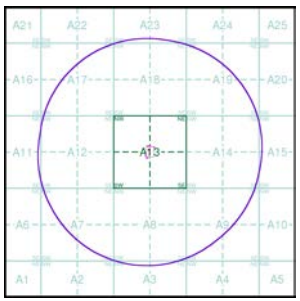
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



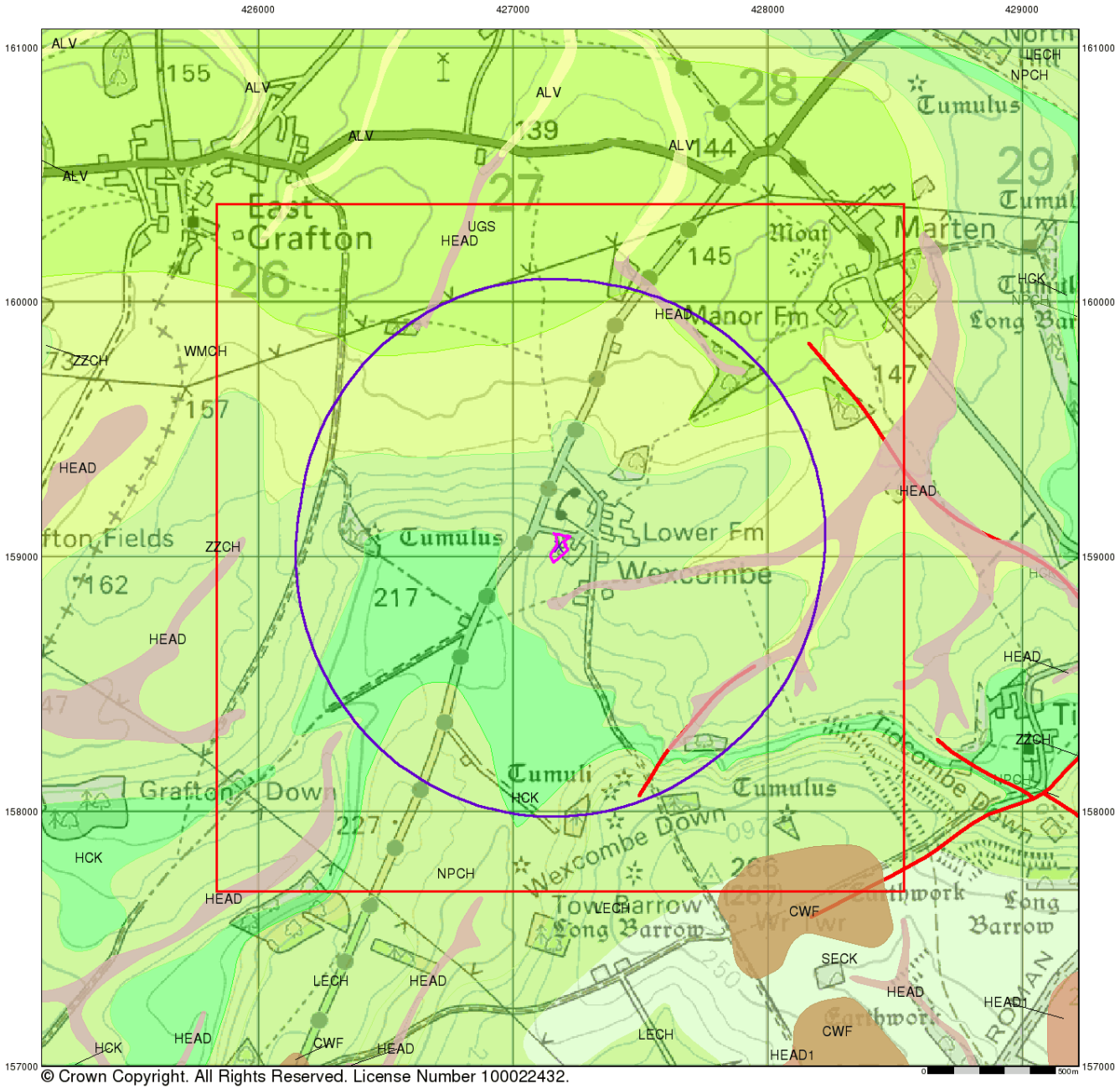
Order Details:

Order Number:	313621713_1_1
Customer Reference:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details:

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

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



© Crown Copyright. All Rights Reserved. License Number 100022432.

soils LIMITED
Geotechnical & Environmental Consultants

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.

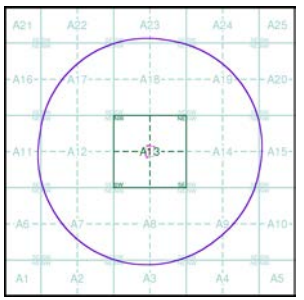
Additional Information

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:	313621713_1_1
Customer Reference:	21004
National Grid Reference:	427180, 159040
Slice:	A
Site Area (Ha):	0.41
Search Buffer (m):	1000

Site Details:

Barn Hill, Wexcombe, MARLBOROUGH, SN8 3SQ

Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
313621713_1_1

Customer Reference:
21004

National Grid Reference:
427180, 159040

Slice:
A

Site Area (Ha):
0.41

Search Buffer (m):
1000

Site Details:

Barn Hill, Wexcombe
MARLBOROUGH
SN8 3SQ

Client Details:

Mr N Lambert
Soils Ltd
Newton House
Cross Road
Tadworth
Surrey
KT20 5SR

Contents

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

Copyright Notice

© Landmark Information Group Limited 2023. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, and the Environment Agency/Natural Resources Wales, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

© Copyright Stantec UK Limited. All rights reserved.

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

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

Report Version v53.0

soils LIMITED Geotechnical & Environmental Consultants

Summary

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

Summary

Report Version v53.0

Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1888	A12NW (W)	822	-	426349 159235

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
2	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
3	**Potential for Ground Dissolution Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
4	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
5	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	141	1	427204 158848
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
6	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
7	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042

Historical Map List

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

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU2658	1976
Ordnance Survey Plan	SU2659	1976
Ordnance Survey Plan	SU2758	1976
Ordnance Survey Plan	SU2759	1976

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

1:10,560	Mapsheet	Published Date
Hampshire & Isle Of Wight	007_00	1877
Wiltshire	043_00	1882
Wiltshire	042_00	1888
Wiltshire	042_NE	1901
Wiltshire	043_NW	1901
Wiltshire	042_NE	1926
Wiltshire	043_NW	1926
Ordnance Survey Plan	SU25NE	1961
Ordnance Survey Plan	SU26SE	1961
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SU25NE	1982
Ordnance Survey Plan	SU26SE	1982

Data Currency

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2022	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2022	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	**Version**	**Update Cycle**
Subterranean Features Landmark Information Group Limited	June 2022	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	 As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	**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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
313621713_1_1

Customer Reference:
21004

National Grid Reference:
427180, 159040

Slice:
A

Site Area (Ha):
0.41

Search Buffer (m):
1000

Site Details:

Barn Hill, Wexcombe
MARLBOROUGH
SN8 3SQ

Client Details:

Mr N Lambert
Soils Ltd
Newton House
Cross Road
Tadworth
Surrey
KT20 5SR

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	7
Sensitive Land Use	8
Data Currency	9
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.

Copyright Notice

© Landmark Information Group Limited 2023. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.
A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.
© Environment Agency & United Kingdom Research and Innovation 2023. © Natural Resources Wales & United Kingdom Research and Innovation 2023.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

Ove Arup Copyright Notice

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

Stantec Copyright Notice

The cavity data presented has been extracted from the PBA (now Stantec UK Ltd) enhanced version of the original DEFRA national cavity databases. Stantec UK Ltd retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by Stantec UK Ltd. In no event shall Stantec UK Ltd or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2023. Land & Property Services © Crown copyright and database right.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes			n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		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 1				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 1		2		(*5)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 3	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 3	2	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 3				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				3

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 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					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 6	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 6	Yes			
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 6	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 6		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 6		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 6		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 6	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 7				1
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty	pg 8	1			
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 8	1		1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	0	1	427179 159042
1	**Discharge Consents** Operator: Mr & Mrs N Crossfield Property Type: CHURCH/MONASTERY/ABBEY/RELIGIOUS RETREAT/ASSOCIATION HQ Location: The Old Chapel, Wexcombe, Marlborough, Wiltshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0204 Permit Version: 1 Effective Date: 22nd April 1992 Issued Date: 22nd April 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land Receiving Water: Lowerchalk **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	173	2	427330 158900
	Nearest Surface Water Feature	A19SW (NE)	861	-	427819 159703
2	**Water Abstractions** Operator: P T Hosier & Son Licence Number: 28/39/22/0291 Permit Version: 100 Location: Wexcombe Farm, Wexcombe Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 40 Yearly Rate (m3): 3091 Details: Wexcombe Farm, Wexcombe, Marlborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th June 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (E)	177	2	427400 159100
2	**Water Abstractions** Operator: P T Hosier & Son Licence Number: 28/39/22/0291 Permit Version: 100 Location: Wexcombe Farm, Wexcombe Authority: Environment Agency, Thames Region Abstraction: Household Private Water Undertaking: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Wexcombe Farm, Wexcombe, Marlborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th June 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	177	2	427400 159100
	Water Abstractions Operator: Marten Farm Partnership Licence Number: 28/39/22/0187 Permit Version: 100 Location: Manor Farm, Marten Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 8 Yearly Rate (m3): 2845 Details: Manor Farm, Marten, Burbage, Marlborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1282	2	428000 160100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manor Farm Partnership Licence Number: 28/39/22/0382 Permit Version: 100 Location: Green Farm, East Grafton Point B Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Green Farm, East Grafton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th September 1971 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16SE (W)	1323	2	425900 159500
	Water Abstractions Operator: Manor Farm Partnership Licence Number: 28/39/22/0382 Permit Version: 100 Location: Green Farm, East Grafton Point B Authority: Environment Agency, Thames Region Abstraction: Private Water Undertaking: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Specified Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th September 1971 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16SE (W)	1323	2	425900 159500
	Water Abstractions Operator: Mr P Walker Licence Number: 28/39/22/0404 Permit Version: 100 Location: Pinckneys Farm, Marten Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 1045 Details: Upper Greensand Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th October 1972 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1624	2	428400 160200
	Water Abstractions Operator: D L Lemon (Wilton) Ltd Licence Number: 28/39/22/0157 Permit Version: 100 Location: Batts Farm, Wilton Point C Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Batts Farm, Manor Farm & Bank Farm, Wilton, Marlborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th September 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1865	2	426700 160900

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: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (N)	0	3	427179 159042
	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: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (S)	0	3	427179 159000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13SW (S)	0	3	427179 159000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13NW (N)	0	3	427179 159042
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (N)	0	3	427179 159042
	Superficial Aquifer Designations No Data Available				
3	**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.	A14SW (E)	631	2	427804 158806
4	**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.	A14SE (E)	683	2	427875 158859
	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
5	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 304.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	892	4	427799 159762
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 584.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	946	4	427763 159858
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	979	4	427600 159985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Wiltshire County Council - Has supplied landfill data		0	6	427179 159042
	Local Authority Landfill Coverage Name: Kennet District Council - Has supplied landfill data		0	5	427179 159042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Grey Chalk Subgroup	A13NW (N)	0	1	427179 159042
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment 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	A13NW (N)	0	1	427179 159042
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	141	1	427204 158848
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	138	1	427257 158879
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	427179 159042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Points of Interest - Manufacturing and Production** Name: Pit (Dis) Location: SN8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	836	7	426334 159230

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Areas of Outstanding Natural Beauty** Name: North Wessex Downs Multiple Areas: N Total Area (m2): 1731054854.045275 Designation Date: 30th December 1972 Source: Natural England	A13NW (N)	0	8	427179 159042
10	**Nitrate Vulnerable Zones** Name: Berkshire Downs Description: Groundwater Source: Environment Agency, Head Office	A13NW (N)	0	3	427179 159042
11	**Nitrate Vulnerable Zones** Name: South Wessex Description: Groundwater Source: Environment Agency, Head Office	A12SE (SW)	413	3	426822 158739

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
Wiltshire Council - Environmental Health Department	October 2017	Annually
Test Valley Borough Council - Housing and Environmental Health Service	September 2017	Annual Rolling Update
Kennet District Council (now part of Wiltshire Council) - Environment and Community Safety Services	September 2017	
Discharge Consents		
Environment Agency - South West Region	April 2023	Quarterly
Environment Agency - Southern Region	April 2023	Quarterly
Environment Agency - Thames Region	April 2023	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - South West Region	March 2013	
Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls		
Environment Agency - South West Region	January 2009	
Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	January 2023	Quarterly
Environment Agency - South West Region	January 2023	Quarterly
Environment Agency - Southern Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2009	Not Applicable
Wiltshire Council - Environmental Health Department	July 2015	Variable
Test Valley Borough Council - Housing and Environmental Health Service	September 2014	Variable
Local Authority Pollution Prevention and Controls		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2009	Not Applicable
Wiltshire Council - Environmental Health Department	July 2015	Annually
Test Valley Borough Council - Housing and Environmental Health Service	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2009	Not Applicable
Wiltshire Council - Environmental Health Department	July 2015	Variable
Test Valley Borough Council - Housing and Environmental Health Service	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	April 2023	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	
Environment Agency - South West Region	September 1999	
Environment Agency - Thames Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - South West Region	July 2015	
Environment Agency - Southern Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - South West Region	March 2013	
Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances		
Environment Agency - South West Region	June 2016	As notified
Environment Agency - Southern 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	

Data Currency

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	April 2023	Quarterly
Environment Agency - South West Region - South Wessex Area	April 2023	Quarterly
Environment Agency - South West Region - Wessex Area	April 2023	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	April 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	April 2023	Quarterly
Water Abstractions		
Environment Agency - South West Region	April 2023	Quarterly
Environment Agency - Southern Region	April 2023	Quarterly
Environment Agency - Thames Region	April 2023	Quarterly
Water Industry Act Referrals		
Environment Agency - South West Region	October 2017	
Environment Agency - Southern 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
Source Protection Zones		
Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	February 2023	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	April 2023	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

Data Currency

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	March 2023	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - South West Region	January 2009	Not Applicable
Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	January 2023	Quarterly
Environment Agency - South West Region - South Wessex Area	January 2023	Quarterly
Environment Agency - South West Region - Wessex Area	January 2023	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2023	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	January 2023	Quarterly
Environment Agency - South West Region - South Wessex Area	January 2023	Quarterly
Environment Agency - South West Region - Wessex Area	January 2023	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2023	Quarterly
Local Authority Landfill Coverage		
Hampshire County Council - Minerals and Waste Planning	February 2003	Not Applicable
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2003	Not Applicable
Test Valley Borough Council - Environmental Protection Team	February 2003	Not Applicable
Wiltshire County Council (now part of Wiltshire Council)	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Hampshire County Council - Minerals and Waste Planning	October 2018	
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	October 2018	
Test Valley Borough Council - Environmental Protection Team	October 2018	
Wiltshire County Council (now part of Wiltshire Council)	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - South West Region - South Wessex Area	March 2006	Not Applicable
Environment Agency - South West Region - Wessex Area	March 2006	Not Applicable
Environment Agency - Southern Region - Hampshire Area	March 2006	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - South West Region - South Wessex Area	April 2018	
Environment Agency - South West Region - Wessex Area	April 2018	
Environment Agency - Southern Region - Hampshire Area	April 2018	
Environment Agency - Southern Region - Solent and South Downs	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - South West Region - South Wessex Area	June 2015	
Environment Agency - South West Region - Wessex Area	June 2015	
Environment Agency - Southern Region - Hampshire Area	June 2015	
Environment Agency - Southern Region - Solent and South Downs	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Wiltshire County Council (now part of Wiltshire Council)	December 2008	Annual Rolling Update
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
Kennet District Council (now part of Wiltshire Council)	June 2008	Not Applicable
Test Valley Borough Council - Environmental Protection Team	June 2023	Variable
Wiltshire Council - Planning Department	June 2023	Variable
Planning Hazardous Substance Consents		
Wiltshire County Council (now part of Wiltshire Council)	December 2008	Annual Rolling Update
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
Wiltshire Council - Planning Department	February 2016	Variable
Kennet District Council (now part of Wiltshire Council)	June 2008	Not Applicable
Test Valley Borough Council - Environmental Protection Team	November 2015	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	June 2023	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	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	September 2022	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	September 2022	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2023	Quarterly
Points of Interest - Education and Health PointX	June 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2023	Quarterly
Points of Interest - Public Infrastructure PointX	June 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt		
Kennet District Council (now part of Wiltshire Council)	July 2022	Quarterly
Test Valley Borough Council - Environmental Protection Team	July 2022	Quarterly
Wiltshire Council - Planning Department	July 2022	Quarterly
Areas of Unadopted Green Belt		
Kennet District Council (now part of Wiltshire Council)	July 2022	Quarterly
Test Valley Borough Council - Environmental Protection Team	July 2022	Quarterly
Wiltshire Council - Planning Department	July 2022	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	March 2023	Bi-Annually
Marine Nature Reserves		
Natural England	April 2023	Bi-Annually
National Nature Reserves		
Natural England	February 2023	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	March 2023	Bi-Annually
Ramsar Sites		
Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest		
Natural England	March 2023	Bi-Annually
Special Areas of Conservation		
Natural England	April 2023	Bi-Annually
Special Protection Areas		
Natural England	April 2023	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Kennet District Council (now part of Wiltshire Council) - Environmental Health Department** County Hall, Bythesea Road, Trowbridge, Wiltshire, BA15 8JN	Telephone: 0300 456 0100 Email: customerservices@wiltshire.gov.uk Website: www.wiltshire.gov.uk
6	**Wiltshire County Council (now part of Wiltshire Council)** County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 01225 713000 Email: communications@wiltshire.gov.uk Website: www.wiltshire.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Appendix D Site Sensitivity Maps