

**Desk Study, Site
Investigation &
Contamination Risk
Assessment Report**

Project Name: Wick Farm

Location: Albourne, West Sussex, BN6 9DU

Client: Fiddle Ltd.

Project ID: J15890

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SUMMARY

The site, which is located to the south-west of the village of Albourne, in West Sussex, extends to a maximum of approximately 40m x 75m and comprises a barn structure together with its associated areas of hardstanding. It is now proposed to refurbish the existing barn into a commercial building, rather than undertake any new construction work. This contamination report has been updated to assist with the planning application for the refurbishment works, Geotechnical issues are outside the scope of this report.

Geological records indicate the site to be underlain by Folkestone Formation with the Lower Greensand Group mapped north of the site and the Gault Formation mapped south of the site. An area of superficial Alluvium is mapped to the west of the site.

A desk study, which was originally carried out in February 2025, under the same job number, indicated that the site has a history of agricultural/residential use. The desk study information is presented again within this report as part of the contamination assessment. A low contamination risk was concluded for the commercial development, which remains.

The agreed scope of work did not allow for either a preliminary or detailed UXO risk assessment.

A single phase of intrusive investigation was also previously carried out, when the new build was proposed, which comprised a series of three windowless sampler boreholes to a maximum depth of 4.0m (bgl), together with a series of three plate bearing tests. The barn was inaccessible during the fieldwork phase and it should not be assumed that the same ground conditions would apply to these inaccessible areas.

The soils encountered comprised 0.1/0.25m of concrete, over made ground to 0.3/1.2m (bgl), which in turn was underlain by clayey, silty, sand to 1.9m (bgl) over sand to 2.3/3.0m+ (bgl), over a silty, sandy, clay. As with any site, there may be differences between trial hole locations.

Groundwater was encountered within all three of the windowless sampler boreholes at depths between 1.0 – 2.35m (bgl).

The reader is referred to the earlier report if geotechnical recommendations are required. The recommendations made, however, were based on the proposals at that time and may not be appropriate for an alternative development.

On the basis of the desk study, the investigation works undertaken and the contamination testing, the soils would not be considered contaminated relative to a commercial end-use.

The contamination screening values used are valid at the time of writing but may be subject to change and any such changes will have implications for the assessments based on them. Their validity should be confirmed at the time of site development.

As with any site, areas of contamination not identified during investigation works may come to light during the course of redevelopment. Accordingly, a discovery strategy must be in place during the redevelopment to ensure that any hitherto unknown contamination is identified and dealt with in an appropriate manner. Depending on the nature of any such contamination, it may prove necessary to reassess the remedial strategy for the site. The presence of contamination may affect the classification of waste soils, or the potential for their re-use.

A formal remediation strategy and verification plan should be agreed with the regulatory authorities, if required. This may be limited to the implementation of a discovery strategy, depending on the stance of the regulators.

The investigation was conducted and this report has been prepared for the sole internal use and reliance of Fiddle Ltd. and their appointed Engineers. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Southern Testing Laboratories Ltd. If an unauthorised third party comes into possession of this report they rely on it at their peril and the authors owe them no duty of care and skill.

The findings and opinions conveyed via this investigation report are based on information obtained from a variety of sources as detailed within this report, and which Southern Testing Laboratories Ltd. believes are reliable. Nevertheless, Southern Testing Laboratories Ltd. cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

The recommendations contained in this report are made in respect of the particular context of the investigation as described in the report and may not be appropriate to alternative development schemes. This report should be considered in its entirety and Southern Testing Laboratories Ltd accepts no responsibility for and excludes liability in respect of any omission or alteration made by others, and any use of the report for any purpose other than that for which it was produced.

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For and on behalf of Southern Testing Laboratories Limited

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TABLE OF CONTENTS

A	INTRODUCTION	1
1	Authority	1
2	Location	1
3	Proposed Construction	1
4	Object	1
5	Scope	1
B	DESK STUDY AND WALKOVER SURVEY	2
6	Desk Study	2
7	Site Walkover Survey	7
C	PRELIMINARY SITE MODELS	8
8	Conceptual Engineering Geological Ground Model	8
9	Conceptual Site Model	9
D	GROUND INVESTIGATION	11
10	Strategy and Method	11
11	Weather Conditions	11
12	Soils as Found	11
13	Groundwater Occurrences	12
E	DISCUSSION OF GEOENVIRONMENTAL TEST RESULTS AND RECOMMENDATIONS	12
14	Analytical Framework	12
15	Site Investigation – Soils	13
16	Summary of Identified Contamination	15
17	Risk Evaluation	15
18	Discussion and Conclusions	16
19	Soil Waste Management	17
20	General Guidance	17

TABLE OF APPENDICES

APPENDIX A

Site Plans and Exploratory Hole Logs

APPENDIX B

Field Sampling and In-Situ Test Methods and Results

APPENDIX C

Contamination Laboratory Test Methods and Results

APPENDIX D

Photographs

APPENDIX E

Phase 1 Desk Study – Historical Mapping

APPENDIX F

Phase 1 Desk Study – Environmental Database Search Results and Mapping

A INTRODUCTION

1 Authority

Our authority for carrying out this work was originally contained in a Southern Testing Project Order Form, completed by Mr R Fieldwick of Fiddle Ltd. dated, November 2024. The request to update the report, in light of changes to the development proposals, was given in an email from Mr R Fieldwick on 30th January 2026.

2 Location

The site is located off of Shaves Wood Lane, on the outskirts of the village of Albourne, West Sussex, as indicated on Figure 1 within Appendix A. The approximate National Grid Reference of the site is TQ 24575, 15550.

3 Proposed Construction

It is proposed to refurbish the existing barn structure into a commercial building. No new build is proposed.

For the purposes of the contamination risk assessment, the proposed development land use is classified as Commercial/Industrial CLEA Model Ref [1] / C4SL Report Ref [2].

The gas sensitivity of the proposed development is therefore rated as Low CIRIA C665 Ref [3].

4 Object

This is a Phase 1 Desk Study and Walkover and Phase II contamination (risk estimation and evaluation) investigation (Tier 1).

The object of the investigation was to assess foundation bearing conditions and other soil parameters relevant to the proposed development, and to assess the likely nature and extent of soil, groundwater and soil gas contamination on the site.

5 Scope

This report presents our desk study findings, exploratory hole logs and contamination test results and our interpretation of these data.

Geotechnical issues are not considered in this report. The reader is referred to the original report, under the same job number and dated February 2025, for discussion in this regard.

A UXO risk assessment was not requested within our brief for the investigation.

As with any site there may be differences in soil conditions between exploratory hole positions.

This report is not an engineering design and the figures and calculations contained in the report should be used by the Engineer, taking note that variations will apply, according to variations in design loading, in techniques used, and in site conditions. Our figures therefore should not supersede the Engineer's design.

The site investigation has been completed with reference to BS 5930 Ref [4] and BS 10175 Ref [5].

Waste Classification of soils has/not been included within the brief for the investigation.

The findings and opinions conveyed via this investigation report are based on information obtained from a variety of sources as detailed within this report, and which Southern Testing Laboratories Ltd. believes are reliable. Nevertheless, Southern Testing Laboratories Ltd. cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

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The recommendations contained in this report are made in respect of the particular context of the investigation as described in the report and may not be appropriate to alternative development schemes. This report should be considered in its entirety and Southern Testing Laboratories Ltd. accepts no responsibility for and excludes liability

in respect of any omission or alteration made by others, and any use of the report for any purpose other than that for which it was produced.

Detailed information on the proposed development, such as detailed final layout, loadings and serviceability limits was not provided. Accordingly, where geotechnical design advice is provided it is on the prescriptive basis allowed for by Eurocode 7: employing conventional and conservative design rules.

The contamination screening values used are valid at the time of writing but may be subject to change and any such changes will have implications for the assessments based on them. Their validity should be confirmed at the time of site development.

B DESK STUDY AND WALKOVER SURVEY

6 Desk Study

A desk study has been carried out. Reference has been made to the following information sources.

- Online Geological Maps Ref [6] & Ref [7]
- Online Hydrogeological Maps Ref [8]
- Aerial Photographs
- Historical Ordnance Survey Maps
- Environmental Databases
- BGS Online Historical Borehole Records Ref [9]
- Search on Local Authority Planning Portal for planning history
- MAGIC website mapping Ref [10]
- Environment Agency / Gov.UK Website Flood Risk Ref [11]
- UK Radon Ref [12] and BRE Radon Ref [13]
- Google Earth (for old aerial photographs)

The environmental databases search report compiled for this desk study contains site-specific environmental data drawn from data sets that comprise publicly available information together with data from third parties, some of which is under review. Accordingly, Southern Testing Laboratories Limited does not warrant its accuracy, reliability or completeness.

The full report is included in Appendix E and F, a summary of the salient features is included in the following sections of this report.

6.1 Geology

The British Geological Survey Map of the area (Sheet No. 318/333 – Brighton & Worthing), together with the online BGS mapping, indicates that the site geology consists of the Folkestone Formation with the Lower Greensand Group mapped north of the site and the Gault Formation mapped south of the site. An area of Superficial Alluvium is mapped to the west of the site.

6.1.1 Folkestone Formation

The Folkestone Formation (formerly Folkestone Beds), comprises medium and coarse grained sands, and weakly cemented sandstones. Outside of Sussex, Kent and Surrey, the formation can include calcareous sandstones. There may be seams of pebbles and clay, and erratic pieces of hard ferruginous sandstone (locally termed 'carstone').

6.1.2 Lower Greensand Group

The Lower Greensand Group predominantly comprises sand, which is generally yellow and fine-grained, and sandstones (varying from well sorted fine-grained to poorly sorted medium to coarse-grained) with silts and clays in some intervals.

6.1.3 Gault Formation

The Gault Formation comprises pale to dark grey or blue-grey clay or mudstone, glauconitic in part, with a sandy base. These materials tend to weather to yellow and brown clays. Discrete bands of phosphatic nodules, and some pyrite and calcareous nodules occur within the mudstone and clay. The clay is commonly highly plastic, and the presence of vertical fissures caused by clay shrinkage can cause extreme instability in excavations.

This formation is known to contain pyrite.

6.1.4 Alluvium

Alluvium is a geologically recent deposit found in association with watercourses. It is typically soft to firm normally consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.

Running sand or silt may be encountered. Excavations are often unstable. Bottom heave may be encountered in clayey soils below 3m.

It is inherently variable and rapid lateral transitions in soil type should be anticipated.

6.2 Historical Borehole Records

A search of previous exploratory hole records both from the online British Geological Survey database [9] and Southern Testing in-house records, revealed two BGS and 3 STL records within 850 metres. The BGS sources are north-east, and the three STL sources are south.

Information from the three STL sources were all from one location, and all three jobs show similar strata from their boreholes. Boreholes were all dry on completion.

The BGS boreholes unfortunately did not have information relevant to the subject site.

BH Reference	Final Depth (mbgl)	Distance from site (m) & Direction	Remarks
J12319 (WLS101)	7.0	840 South	GL – 0.3m Greyish brown, silty clay, with frequent fragments of fine brick, flint and roots. Made Ground. 0.3 – 0.9m Firm, pale yellowish brown mottled blue grey, CLAY. Has frequent rootlets. 0.9 – 7.0m Firm to stiff, thinly laminated, fissured, pale grey mottled orange brown, calcareous, CLAY. Occasional rootlets and selenite crystals.
J12530 (WLS104)	7.0	810 South	GL – 0.44m Concrete 0.44 – 7.0m Firm to stiff, thinly laminated, pale yellow brown to greenish grey, fissured CLAY. Frequent selenite/calcite crystals and occasional roots/rootlets. At 2.0m - the clay is becoming stiff, with occasional thin mudstone/ siltstone laminations. At 4.0m - there is a siltstone layer. At 5.0m - the clay becomes very stiff and grey.

BH Reference	Final Depth (mbgl)	Distance from site (m) & Direction	Remarks
J13128 (WLS201)	6.0	850 South	GL – 0.5m Concrete 0.5 – 6.0m Firm to stiff, thinly laminated, fissured, greenish grey mottled yellowish brown, CLAY. Occasional to frequent roots and rootlets. At 2.0m - Clay is becoming stiff. At 4.5m - Clay is becoming stiff to very stiff. Rootlets absent. At 6.0m - Clay is very stiff, with occasional fossil fragments.

6.3 Geological Hazards and Mining Activities

Data from various sources relating to potential geological hazards at the site are summarized below. The Hazard Potentials listed for the BGS data are as presented in the Envirocheck report, derived from various generic BGS sources, **which are not considered as site-specific**. It is important that this information is considered in context of the actual site topography, ground conditions encountered during future investigation, and development proposals.

Data Source	Hazard	Hazard Potential to Site	Remarks
BGS	Potential for Collapsible Ground Stability Hazard	Very Low	
	Potential for Compressible Ground Stability Hazard	No Hazard	Although expressed as no hazard, given the presence of a water course (stream) to the west of the site, alluvial soils may be present. This may give rise to compressible ground stability hazards.
	Potential for Ground Dissolution Stability Hazard	No Hazard	
	Potential for Landslide Ground Stability Hazard	Very Low	
	Potential for Running Sand Ground Stability Hazard	Low	Although expressed as Low Risk the presence of potentially granular soils within the Folkestone Formation, may lead to running sand where groundwater is encountered.
	Potential for Swelling or Shrinkage Clay Ground Stability Hazard	No Hazard	Although expressed as no hazard the presence of potentially cohesive soils within the Gault Formation may lead to swelling and shrinkage, especially if trees are present on site.
	Shallow Mining Hazard	The Envirocheck datasheet lists the site within an area that might not be affected by coal mining.	
	BGS recorded mineral site	The Envirocheck datasheet lists no BGS Recorded Mineral Sites within 1km of the site.	
ARUP [Ref [14]]	Mining Instability	The ARUP maps and databases indicate the presence of Iron Ore mines within the local area, however, no exact locations are provided.	
CSS [Ref [15]] KURG [Ref [16]]	Underground Openings	The Underground Openings database lists no underground openings within 1km of the site.	

Data Source	Hazard	Hazard Potential to Site	Remarks
PBA	Natural & Mining Cavities	The Envirocheck datasheet lists no Man-Made or Natural Cavities entries within 1km of the site.	

6.4 Radon Risk

With reference to the Envirocheck report, UK Radon Ref [12] and BRE Radon Ref [13] guidance: The site is listed within a lower probability radon area (less than 1% of homes area estimated to be at or above the Action Level). On the basis of the Envirocheck datasheet, no radon protection is required.

By way of comment, all basements (if present within the proposed development) are at increased risk of elevated levels of radon, regardless of geographic location and design considerations should be incorporated in accordance with the relevant guidance.

6.5 Hydrology and Hydrogeology

Data from the Environment Agency and other information relating to controlled waters is summarised below.

Data		Remarks	Possible Hazard to/from Site (Y/ N)
Aquifer Designation	Superficial Deposits	There are no Superficial Deposits mapped on site.	N
	Bedrock	The Bedrock (Folkestone Formation) mapped beneath the site is classified as a Principal Aquifer – Rock or drift deposits that have high intergranular and/or fracture permeability, meaning they usually provide a high level of water storage and support water supply and/or river base flow on a strategic scale.	Y
Groundwater Vulnerability		On the basis of the Envirocheck datasheet the site is listed within a High Vulnerability groundwater area.	Y
Abstractions	Surface Water	The Envirocheck datasheet lists no surface water abstractions within 1km of the site.	N
	Groundwater	The Envirocheck datasheet lists no groundwater abstractions within 1km of the site.	N
Source Protection Zones		On the basis of the Envirocheck datasheet the site is not listed within an SPZ.	N
Surface Watercourses		The Envirocheck datasheet lists the Nearest Surface Water Feature as 29m to the south west. This is understood to be a stream.	Y
Groundwater Flood Risk		The Envirocheck datasheet lists the site within an area where there is limited Potential for groundwater flooding to occur.	N
Surface Water Flood Risk*		The “Risk of Flooding from Surface Waters” information on the Government’s “Flood Warning Information Service” website Ref [11] (January 2025) indicates the site to be within an area of Very Low Risk. Very Low Risk means that each year this area has a chance of flooding of less than 0.1%.	N

Data	Remarks	Possible Hazard to/from Site (Y/ N)
Marine / Fluvial Flood Risk*	The "Risk of Flooding from Rivers and the Sea" information on the Government's "Flood Warning Information Service" website Ref [11] (January 2025) indicates the site to be within an area of Very Low Risk.	N
Reservoir Flood Risk*	The "Risk of Flooding from Reservoirs" information on the Government's "Flood Warning Information Service" website Ref [11] (January 2025) indicates the site to be within an area of where flooding from reservoirs is unlikely.	N
Discharge Consents	The Envirocheck datasheet lists 1 No. Discharge Consent within 250m of the site. This is listed as sewage Discharge into a Freshwater Stream/River.	Y

* These sections are provided for information only, this report does not constitute a formal flood risk assessment and specialist advice should be sought in relation to potential flooding issues.

6.6 Historical Ordnance Survey Maps

Copy extracts of historical Ordnance Survey plans dating from 1874 to 2024 were obtained and are presented in Appendix E. A summary of the salient features is presented below.

In brief, the site and surrounding area appears to have not undergone any significant changes over the course of the mapping. On the 1874 map Wick Farm and its associated buildings are present to the north of the site, a track runs adjacent to the eastern boundary of the site and a stream is present within a wooded area to the west of the site. A number of structures are present within the centre of the site and off site to the east. The structure within the centre of the site is no longer present after the 1874 mapping.

From the 1874 mapping until the 1970s mapping the site is shown as being undeveloped and changes very little. On the 1974 mapping onwards a structure is present within the northern section of the site, with a second structure shown to be present within the southern section of the site from the 1977 mapping onwards.

Throughout the course of the mapping the surrounding area, appears to be in a similar configuration to the modern day. A number of residential properties appears throughout the course of the mapping.

6.7 Environmental Databases

Data Source	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
Historical Industrial Land Use			The Envirocheck datasheet lists no <i>Potentially Contaminative Industrial Past Land Use</i> entries within 250m of the site.	N
Current Industrial Land Use			The Envirocheck datasheet lists no <i>Contemporary Trade Directory Entries</i> within 250m of the site.	N
Current and Historical Landfills			The Envirocheck datasheet lists no Current or Historical Landfills within 250m of the site.	N
Fuel Sites			The Envirocheck datasheet lists no <i>Fuel Station Entries</i> within 250m of the site.	N
Pollution Incidents			The Envirocheck datasheet lists no <i>Pollution Incidents to Controlled Waters</i> entries within 250m of the site.	N

Data Source	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
IPPC/LAPPC Authorisations			The Envirocheck datasheet lists no <i>Integrated Pollution Prevention and Control</i> (IPPC) or <i>Local Authority Pollution Prevention and Control</i> (LAPPC) entries within 250m of the site.	N
Hazardous Substances Consents			The Envirocheck datasheet list no <i>Hazardous Substances</i> entries within 250m of the site.	N

6.8 Planning Application History

A search of planning applications records was carried out via the Mid Sussex District Council website (December 2024). Ten individual planning applications were listed for the subject site and the adjacent site (Wick Farm) to the north. The majority of the planning applications referred to minor alternations to the main Wick Farm building. The most significant results, which are understood to relate to the subject site are summarised in the table below.

Application Number	Application Date	Proposal Details / Comments	Decision
AE/007/92	March 1992	Erection of Sleep Wall Silage Clamp.	Approved
DM/22/3814	December 2022	Replacement of one barn and erection of a second barn with flexible use for either Class B2, B8 or E(g).	Withdrawn
DM/23/2382	September 2023	Replacement of one existing barn and the erection of a second barn. Change of use to class B8 storage and distribution use (Amended plans and planning statement 23/04/2024).	Approved

6.9 Ground Gas Risk

There are no current or historical landfill sites, or areas of recorded backfilled ground considered to be a risk, within 250m of the site. Therefore, the risk to the site from the generation and migration of ground gases is not considered to pose a potential risk to the site.

6.10 UXO Risk Management

The agreed scope of work did not allow for either a preliminary or detailed UXO risk assessment.

By way of comment, the possibility of unexploded ordnance (UXO) being encountered on a site falls within the category of a potentially significant risk and should be addressed as a legal duty under the Construction (Design and Management) Regulations by the Client as early as possible in a project.

The CIRIA publication C681 Ref [17] has been developed to provide a consistent framework for the management of potential risks posed by UXO during site investigation and groundwork phases of construction. The process adopts a tiered approach, divided into four distinct stages; Preliminary risk assessment, Detailed risk assessment, Risk mitigation and Implementation.

7 Site Walkover Survey

7.1 General Site Description and Boundaries

The site which is located to the south west of the village of Albourne, West Sussex, is irregular in shape extends to a maximum of approximately 40m x 75m. At the time of the intrusive investigation the site comprised a barn structure within the north and an area of hardstanding within the southern section of the site. The site is bounded to the east by a farm track/road which runs approximately north to south, beyond which are farm buildings and residential

properties. To the south and west of the site is an area of woodland, which includes a stream. To the north of the site is a residential property with its associated outbuildings.

7.2 Topography and Drainage

On a regional scale the topography of the local area generally slopes down gently from the east and the west, with the stream to the west of the site marking a relative low point within the local area. The site itself, was generally fairly flat and level, but does slope down gently downwards to north. The ground was noted to slope off to the west, with the site being approximately 2-3m higher than the stream.

7.3 Vegetation

At the time of the intrusive investigation, a number of semi-mature to mature trees and shrubs were noted both on site and within the surrounding area. An area of woodland, which included multiple mature trees.

7.4 Buildings and Land Use on Site and Nearby

A large barn structure was present within the north section of the site. The majority of the rest of the site comprises areas of hardstanding.

The surrounding area comprises a series of residential/commercial properties.

7.5 Site Photographs

A series of photographs showing the site and the surrounding area at the time of the intrusive investigation works is included in Appendix D.

C PRELIMINARY SITE MODELS

8 Conceptual Engineering Geological Ground Model

From the desk study information and walkover undertaken at this site the following conceptual ground model has been formulated.

Data Source	Comments
Geology	The BGS mapped soils beneath the site comprise the Folkestone Formation with the Lower Greensand Group mapped north of the site and the Gault Formation mapped South of the site. An area of Superficial Alluvium is mapped to the west of the site. A covering of Made Ground is likely to be present across the site, due to the previous development and redevelopment noted on the historical mapping for the site. Sandy soils might be anticipated, often loose, or potentially, weak rock strata.
Former Site Use	The site has a history of agricultural/commercial use as a part of a wider farm. The site appears to have been developed in one form or another since at least the 1870s. It is likely that some made ground will be present beneath the site. There is also a potential for old foundations/structures, from historical buildings etc. to be present within the ground.
Groundwater	The depth of the groundwater table beneath the site is not currently known, however, in view of the presence of the stream to the west of the site, shallowed groundwater may be encountered.
Surface Water	The site is located within an area of Very Low Risk in terms of Surface Water Flooding.

Data Source	Comments
Potential Geo-hazards	The potential presence of granular soils (sands & gravel) associated with the Folkestone Formation and Lower Greensand Group may give rise to the potential for running sand, especially if a high groundwater table or perched water entries are encountered. Excavation stability may be poor, particularly below the groundwater table, and/or where perched water is present. The potential presence of cohesive soils (clays) associated with the Gault Formation, may give rise to potential swelling and shrinkage issues, and especially if high water demand trees are either present on site or proposed. The presence of a water course (stream) to the west of the site and alluvium mapped nearby may give rise to potentially compressible ground stability hazards, if alluvium is present on site.

On the basis of the available information the geotechnical categorization for the proposed structure(s) is considered to fall within Geotechnical Category 2 – Conventional structure with no exceptional risk or difficult ground or loading conditions Eurocode 7 Ref [18].

9 Conceptual Site Model

In the context of this report, the conceptual model summarises the potential pollutant linkages identified for the site and forms the basis of the risk assessment for the site. The preliminary model comprises the potential sources of contamination, receptors that could be harmed and exposure pathways identified from the desk study and walkover survey. These potential linkages form the basis upon which the investigation is designed and reported.

9.1 Potential Sources of Contamination

The site has a history of residential/commercial use as a farm and is located within a residential/agricultural area.

A few potentially contaminative uses have been identified, both on site and in the locality.

Potential contaminants associated with these uses have been compiled from DoE industry profiles and our experience of such sites.

9.1.1 On-Site Sources

Potential Source	Potential Contaminants
Made Ground due to site development/redevelopment	Unknown composition, but made ground soils can potentially include elevated concentrations of Heavy Metals, Polyaromatic Hydrocarbons (PAHs) and Asbestos.
Vehicle Parking	Oil/fuel hydrocarbons (from spillages/leakages from parked vehicles etc.)

The site has been developed since at least the late 1800s, up until the modern day, therefore, it is possible that made ground, associated with the development/redevelopment of the site, may be present.

The site has likely been used for vehicular parking, therefore, there is a potential for occasional oil or fuel leaks/spills to have occurred. Any contamination due to this source is likely to be minor or localised.

Given the age of the structure(s) present on site, it is a possibility that asbestos containing materials may have been used during their construction/refurbishment and, therefore, could potentially be present in the Made Ground soils.

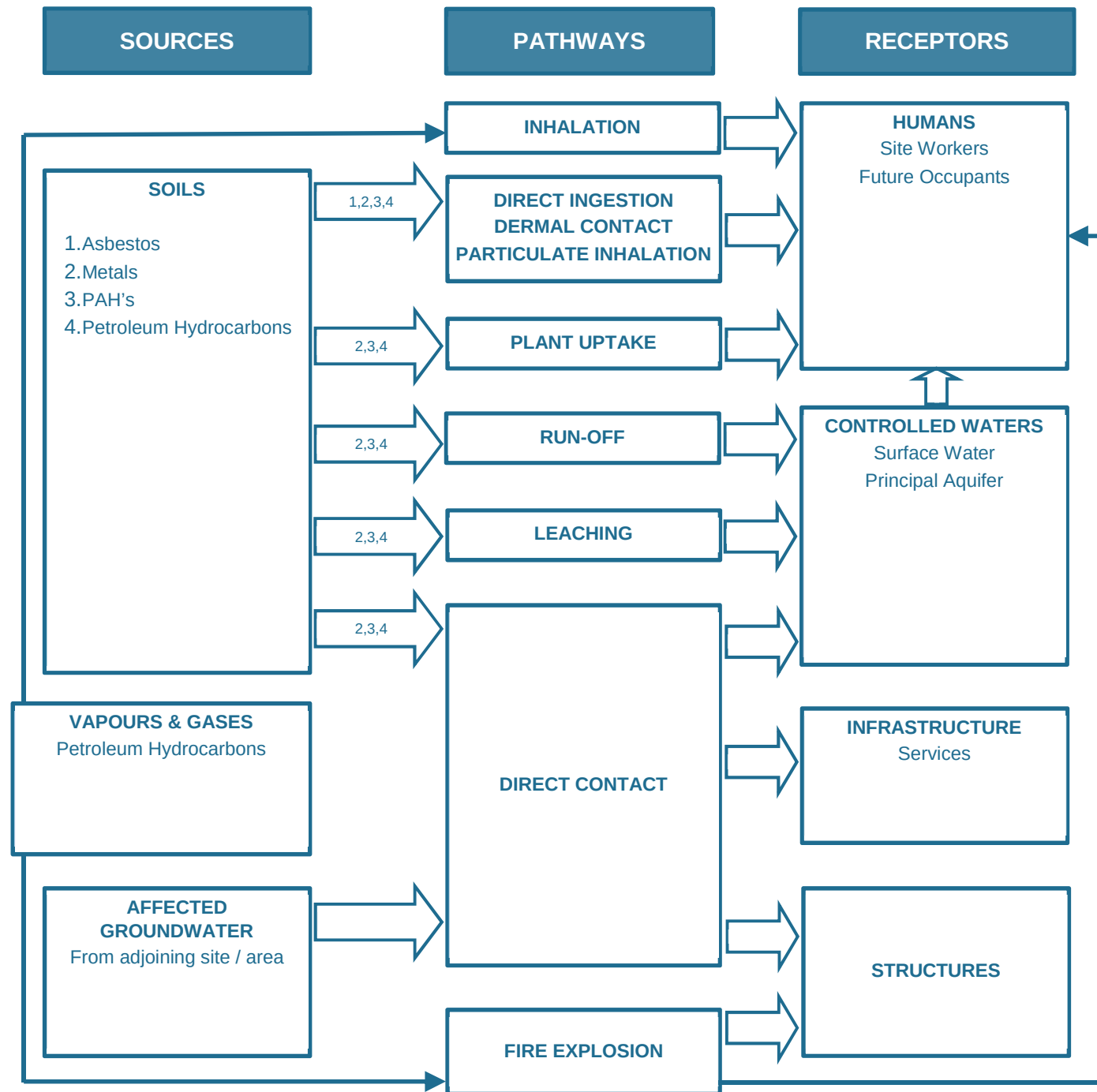
The risk to the site from ground gases is considered low at this stage.

9.1.2 Off-Site Sources

No potential off-site sources of contamination have been identified at this stage.

9.2 Pollutant Linkages and Conceptual Site Model Summary

The following diagram shows the potential pollutant linkages identified for the site and summarises the preliminary conceptual model:



// Denotes potential pollutant linkage not complete.

D GROUND INVESTIGATION

10 Strategy and Method

The strategy adopted for the intrusive investigation comprised the following:

Activity / Method	Purpose	Max Depth Range (m bgl)	Notes
WLS01 – WLS03 Dynamic Windowless Sampling	Boreholes to investigate the shallow ground conditions within external areas. To allow SPT's and collection of samples for contamination testing.	3.0 – 4.0m	
PB01 – PB04 Plate Bearing	Plate Bearing tests to assess shallow ground conditions and settlement.	0.0 – 0.3m	200mm diameter plate

Exploratory hole locations were agreed with the Client/Clients Engineer and are shown in Figure 2 in Appendix A.

In-situ test and sampling methods descriptions employed are given in Appendix B together with the test results.

SPT Energy Ratio certificates and a Summary Table of SPT N Values is provided within Appendix B.

The presence of buildings, concrete hardstanding and utility services limited/restricted the fieldwork.

11 Weather Conditions

The fieldwork was carried out on 18th December 2024, at which time the weather was generally overcast with light rain.

12 Soils as Found

The soils encountered are described in detail in the attached exploratory hole logs (Appendix A), but in general comprised a covering of Concrete/Made Ground over Sand over silty, sandy, Clay. A summary is given below.

Depth (m bgl)	Soil Type	Description
GL to 0.1/0.25m	Concrete <i>WLS02 & WLS03 only</i>	Concrete
GL/0.25m to 0.3/1.2m	Made Ground	Grey to dark grey, silty, gravelly, SAND. Gravel comprises fine to medium, sub-angular, brick, concrete, ash, wood and flint. MADE GROUND
1.2m to 1.9m	Clayey, silty, Sand <i>WLS01 only</i>	Dark grey, slightly clayey, silty, SAND, with occasional very fine fragments of organic material.
0.3/0.9m to 2.3/3.0m+	Sand <i>WLS02 & WLS03 only</i>	Medium dense, dark grey to greenish grey, silty, fine to medium SAND.
1.9/2.3m to 3.0/4.0m+	Silty, sandy, CLAY <i>WLS01 & WLS02 only</i>	Firm to stiff, thinly laminated, dark grey to greenish grey mottled orange brown, silty, sandy, CLAY, with frequent laminations of orange brown, silty sand.

12.1 Visual and Olfactory Evidence of Contamination

During the course of the intrusive investigation works, no visual or olfactory evidence of significant contamination was noted, however, made ground was encountered within all of the exploratory holes. These materials comprised predominately gravelly sand soils and included anthropogenic materials; fragments of brick, concrete, ash and wood, as well as flint gravel. No obvious contamination was encountered based only on a visual and olfactory assessment.

These occurrences are discussed in Section E.

13 Groundwater Occurrences

Groundwater was encountered in the exploratory holes as follows:

Hole ID	Comment
WLS01	Water level at 2.35m (bgl) upon completion of drilling.
WLS02	Water level at 1.7m (bgl) upon completion of drilling.
WLS03	Water level at 1.0m (bgl) upon completion of drilling.

/by way of comment, groundwater levels vary considerably from season to season and year to year, often rising close to the ground surface in wet or winter weather, and falling in periods of drought. Groundwater levels measured in Winter months may be significantly higher than those that might be experienced in dry or Summer months, and the possibility of a requirement for dewatering or alternative foundation solution that may not have initially been considered, should not be overlooked.

Long-term monitoring from boreholes or standpipes is required to assess the groundwater regime and this was not possible during the course of this site investigation. The effects of climate change, particularly the increased likelihood of significant rainfall events and warmer, wetter winters, may mean groundwater levels in the future could be higher than that measured during site investigation works.

E DISCUSSION OF GEOENVIRONMENTAL TEST RESULTS AND RECOMMENDATIONS

14 Analytical Framework

There is no single methodology that covers all the various aspects of the assessment of potentially contaminated land and groundwater. Therefore, the analytical framework adopted for this investigation is made up of a number of procedures, which are outlined below. All of these are based on a Risk Assessment methodology centred on the identification and analysis of Source – Pathway – Receptor linkages.

The CLEA model Ref [1], provides a methodology for quantitative assessment of the long-term risks posed to human health by exposure to contaminated soils. Toxicological data is used to calculate a Soil Guideline Value (SGV) for an individual contaminant, based on the proposed site use; these represent minimal risk concentrations and may be used as screening values.

In the absence of any published SGVs for certain substances, Southern Testing have derived or adopted Tier 1 screening values for initial assessment of the soil, based on available current UK guidance including the LQM/CIEH S4UL's Ref [19] and CL:AIRE Soil Generic Assessment Criteria Ref [20]. In addition, in 2014, DEFRA Ref [21] published the results of a research programme to develop screening values to assist decision making under Part 2A of the Environmental Protection Act. Category 4 screening levels were published for 6 substances, with reference to human health risk only. This guidance includes revisions of the CLEA exposure parameters, presenting parameters for public open space land use scenarios, and also of the toxicological approach. The screening levels represent a low risk scenario, based on a 'Low Level of Toxicological Concern' rather than the 'Minimal Risk' of CLEA. Category 4 screening levels for further substances have been published subsequently. The analytical results of this investigation may be considered relative to these levels.

Site-specific assessments are undertaken wherever possible and/or applicable.

CLEA requires a statistical treatment of the test results to take into account the normal variations in concentration of potential contaminants in the soil and allow comparisons to be made with published guidance.

The contamination screening values used are valid at the time of writing but may be subject to change and any such changes will have implications for the assessments based upon them. Their validity should be confirmed at the time of site development.

15 Site Investigation – Soils

15.1 Sampling Regime

The number of sample locations was limited and was intended to provide general coverage.

Access was restricted by the presence of buildings, concrete hardstanding and buried utilities.

15.2 Testing

The potential for contamination by Made Ground and Petroleum Hydrocarbons was identified in the preliminary conceptual model and observations made on site. Therefore, the following tests were selected.

Test Suite	Number of Samples	Soil Tested
STL Key Contamination Suite	2	Made Ground
	1	Natural Soils
Asbestos Screen	2	Made Ground
	1	Natural Soils
TPH Texas Split	1	Made Ground
	1	Natural Soils

The test results are presented in full in Appendix D. A summary and discussion of the significance of the results and identified contamination sources is given below.

15.3 Test Results and Identified Contamination Sources

15.3.1 General Contaminants

The results of the key contaminant tests have been analysed in accordance with the CLEA methodology. The samples have been grouped into two populations comprising made ground and natural soil. For each parameter in each population the sample mean is calculated and compared to a Tier 1 screening value. If the sample mean exceeds the screening value, the soil may be regarded as contaminated and further assessment may be required. If neither the sample mean nor any single value exceeds the screening value, the soil may be regarded as not contaminated, though further confirmatory assessment may be required. Where any single parameter value exceeds the screening value but the sample mean does not, further statistical analysis may be applied to that parameter if the available data is suitable. Such analysis would include an assessment of the Normality of the distribution of the data, consideration of the presence of outliers, and the calculation of a UCL estimate of the mean.

Summary data is presented in the tables below and the laboratory analysis is included in Appendix C. The screening values and source notes are presented in Table 1 “Tier 1 Screening Values” at the front of Appendix C.

Soil Type: Made Ground

Contaminants	Units	WLS01 at 0.4m	WLS03 at 0.6m	Commercial Tier 1 Screening Values
Arsenic (As)	mg/kg	12	16	640
Cadmium (Cd)	mg/kg	<0.2	<0.2	190
Trivalent Chromium (CrIII)*	mg/kg	24	28	8600
Hexavalent Chromium (CrVI)	mg/kg	<1.8	<1.8	33
Lead (Pb)	mg/kg	30	15	2330
Mercury (Hg)	mg/kg	<0.3	<0.3	29-320
Selenium (Se)	mg/kg	<1.0	<1.0	12,000

Contaminants	Units	WLS01 at 0.4m	WLS03 at 0.6m	Commercial Tier 1 Screening Values
Nickel (Ni)	mg/kg	10	10	980
Copper (Cu)	mg/kg	7.7	8.9	68,000
Zinc (Zn)	mg/kg	74	40	730,000
Phenol	mg/kg	<1.0	<1.0	440-1300
Benzo(a)pyrene (BaP)	mg/kg	0.89	<0.05	36
Naphthalene	mg/kg	<0.05	<0.05	77
Total Cyanide (CN)	mg/kg	<1.0	<1.0	/
Acidity (pH values)	Units	9.8	8.2	/
Soil Organic Matter	%	2.1	3.4	/

* Assumed as Total Cr minus CrVI

Two samples of the made ground recovered from across the site, were submitted for testing. The concentrations of the various contaminants tested fall below the corresponding Tier 1 assessment criteria for a Commercial land use.

Soil Type: Natural Soils

Contaminants	Units	WLS03 at 1.3m	Commercial Tier 1 Screening Values
Arsenic (As)	mg/kg	31	640
Cadmium (Cd)	mg/kg	<0.2	190
Trivalent Chromium (CrIII)*	mg/kg	23	8600
Hexavalent Chromium (CrVI)	mg/kg	<1.8	33
Lead (Pb)	mg/kg	6.1	2330
Mercury (Hg)	mg/kg	<0.3	29-320
Selenium (Se)	mg/kg	<1.0	12,000
Nickel (Ni)	mg/kg	10	980
Copper (Cu)	mg/kg	5.9	68,000
Zinc (Zn)	mg/kg	21	730,000
Phenol	mg/kg	<1.0	440-1300
Benzo(a)pyrene (BaP)	mg/kg	<0.05	36
Naphthalene	mg/kg	<0.05	77
Total Cyanide (CN)	mg/kg	<1.0	/
Acidity (pH values)	Units	9.1	/
Soil Organic Matter	%	0.7	/

* Assumed as Total Cr minus CrVI

A single sample of the natural soils recovered from WLS03 at 1.3m was submitted for testing. The concentrations of the various contaminants tested fall below the corresponding Tier 1 assessment criteria for a Commercial land use. Based on the results to date, the natural soils can be considered essentially free from significant contamination, with respect to human health and the land-use proposed. This concurs with the visual and olfactory evidence.

15.3.2 Asbestos Containing Materials

No asbestos containing materials were detected in the samples analysed and none were observed in the exploratory holes. However, it should be noted that the exploratory holes are of small size relative to the area investigated. Therefore, the samples obtained may not reflect the full composition of the soils on the site, and there is always the potential for pockets of asbestos or for asbestos containing materials to be present, which have not been detected in the sampling.

It is also our experience that asbestos containing materials are quite often encountered in buried pockets and beneath slabs (sometimes adhering to the concrete) on older sites.

No assessment of the fabric of the existing buildings has been made at this stage.

15.3.3 Organic Contaminants

No visual or olfactory evidence of fuel/oil contamination was noted in the exploratory holes. A sample of the made ground soiled recovered from WLS03 at 0.6m and a sample of the Natural Soils recovered from WLS02 at 0.5m, were submitted for Total Petroleum Hydrocarbon (TPH Texas Split) analysis.

The results of the TPH Texas Split testing is summarised in the table below.

Hydrocarbon Fraction	Measured Concentrations mg/kg	
	WLS02 at 0.5m	WLS03 at 0.6m
TPH (>EC6-EC8)	<0.01	<0.01
TPH (>EC8-EC10)	<0.02	<0.02
TPH (>EC10-EC12)	<2.0	<2.0
TPH (>EC12-EC16)	<4.0	<4.0
TPH (>EC16-EC21)	<10	<10
TPH (>EC21-EC40)	<10	<10
TPH Total (>EC6-EC40)	<10	<10
TPHC10-C40	<10	<10
Petroleum Range Organics (EC6-EC10)	<1.0	<1.0

The concentrations of the various petroleum hydrocarbon fractions are less than the limit of detection and, therefore, are not considered to pose any risk to site end users or ground workers.

16 Summary of Identified Contamination

On the basis of the contamination testing carried out to date, no significant contamination has been identified with respect to either human health or the wider environment.

17 Risk Evaluation

The object of the risk evaluation is to assess the pollution linkages for specific contaminant groups considered in the conceptual model, identify any unacceptable risks and, therefore establish whether there is a need for further investigation and/or remedial action.

The risks are considered in the context of the specific development proposals for the site and, therefore, the conclusions may not be appropriate for alternative schemes.

17.1 Revised Conceptual Model

The preliminary site model has been refined in light of the findings of this investigation and is summarised below.

Metals	Polyaromatic Hydrocarbons (PAHs)	Petroleum Hydrocarbons	Asbestos	Pathways	Receptors
N	N	N	N	Ingestion/inhalation of contaminated soil & dust	Human Health
N	N	N	n/a	Dermal contact with contaminated soil & dust	
n/a	N	N	n/a	Inhalation of vapours or gases	
N	N	N	n/a	Uptake into edible fruit and vegetables	
N	N	N	n/a	Surface water run-off into surface water features	Water Environment
N	N	N	n/a	Migration through ground into surface water or groundwater	
N	N	N	n/a	Off-site migration of contaminated groundwater	
N	N	N	n/a	Vegetation on site growing in contaminated soil	Flora and Fauna
N	n/a	n/a	n/a	Aquatic life in affected waters	
N	N	N	n/a	Contact with contaminated soils	Building materials / buried services
n/a	N	N	n/a	Fire or explosion	

Key:

- Y Pollutant linkage likely
- N Pollutant linkage not likely
- P Pollutant linkage possible
- n/a Pathway not applicable to contaminant

17.2 Relevant Pollutant Linkages

No Relevant Pollutant Linkages for which remedial action will be required have been identified in the revised conceptual model.

18 Discussion and Conclusions

On the basis of the investigation works undertaken to date, and the findings of the laboratory testing, the soils would not be considered contaminated, given the site proposed commercial end use.

The risk to the end users and other potential receptors, from the soils tested to date, is very low. As a precaution, however, the construction workers should still adopt good site practices and the use of appropriate PPE should be sufficient to mitigate any risk. This report should be forwarded to the contractors for their health and safety appraisal.

Given the refurbishment proposals, the barn should be the subject of an asbestos survey, with any identified ACMs carefully removed by a licensed contractor and taken to a suitable tip.

As with any site, areas of contamination not identified during site investigation works may come to light in the course of redevelopment. Accordingly, a discovery strategy must be in place during the redevelopment to ensure that any hitherto unknown contamination is identified and dealt with in an appropriate manner. Depending on the nature of any such contamination, it may prove necessary to reassess the remedial strategy for the site.

A formal remediation strategy and verification plan should be agreed with the regulatory authorities, if required. This may be limited to the implementation of a discovery strategy, depending on the stance of the regulators.

19 Soil Waste Management

19.1 Re-use of Soils

It is anticipated that the arisings from groundworks on this site will comprise made ground and natural soils.

Clean natural arisings from groundworks may be re-used on site without further testing, where there is a definite use for such materials, e.g. raising levels or construction of landscaping layers or bunds as set out in the approved plans for the development.

Treated contaminated soils may be reused on site under an appropriate Materials Management Plan, where certain criteria are met, in accordance with the CL:AIRE Definition of Waste Code of Practice, Ref [22].

19.2 Disposal of Soils

Some soils will require removal from site and disposal to suitably licensed landfills. Different guidelines and charges will apply to different waste classifications. As waste producers, the Developer holds responsibilities under the various governing regulations, particularly the Waste Duty of Care Code of Practice under the Environmental Protection Act 1990, Ref [23].

The chemical analyses appended to this report can be used to inform the initial classification of the soils as either Hazardous or Non-Hazardous, and derive the appropriate EWC code, for offsite disposal or transfer. Waste Acceptance Criteria (WAC) testing may be needed for confirmation of the material's classification, and will be required to demonstrate an inert classification.

There are strict requirements in place for the accurate description of wastes using EWC codes and, therefore, it is essential that materials that would be given different descriptions (e.g. blacktop, made ground and natural soils), as well as those with different classifications, are carefully segregated during excavation and storage on site. This will also ensure the most cost effective disposal. Mixing these materials can give rise to significant difficulties in disposal and also substantially increase costs.

Soil arisings may be transferred to other development sites under a Materials Management Plan, where certain criteria are met, in accordance with the CL:AIRE Definition of Waste Code of Practice Ref [22].

All soils leaving site will need to be pre-treated. Waste minimisation by selective excavation is a recognised form of pre-treatment.

20 General Guidance

Allowance should be made for experienced verification of any remedial works.

It may be that specific local requirements apply to this site, of which we are not aware at this time.

In general terms, the workforce and general public should be protected from contact with contaminated material. There is a range of relevant documents published by the Health and Safety Executive, and organisations such as CIRIA, and the BRE.

REFERENCES

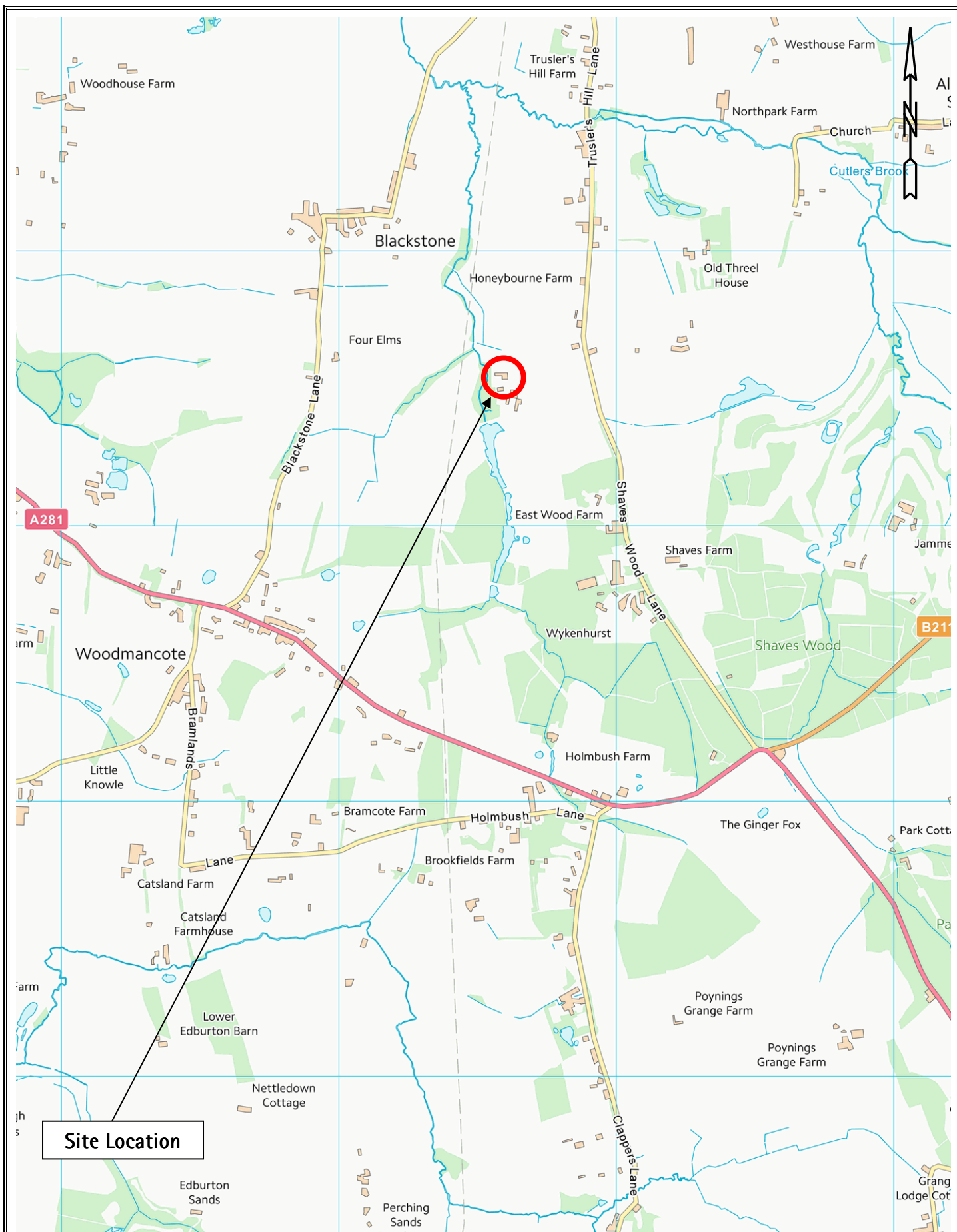
- [1] Environment Agency, "Updated technical background to the CLEA model," 2009.
- [2] Contaminated Land: Applications in Real Environments (CL:AIRE), "Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination," 2014.
- [3] CIRIA, "C665 Assessing risks posed by hazardous ground gases to buildings," 2007.
- [4] BSI Standards, "BS 5930 Code of practice for ground investigations," 2015.
- [5] BSI Standards, "BS10175 Investigation of potentially contaminated sites – Code of practice," 2013.
- [6] British Geological Survey (BGS), "Scanned Maps Portal," [Online]. Available: <http://www.bgs.ac.uk/data/maps/home.html>.
- [7] British Geological Survey (BGS), "Geology of Britain Viewer," [Online]. Available: <http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html>.
- [8] British Geological Survey (BGS), "Hydrogeology Maps of the UK," [Online]. Available: http://www.bgs.ac.uk/research/groundwater/datainfo/hydromaps/hydro_maps_scanviewer.html.
- [9] British Geological Survey (BGS), "Borehole Scans," [Online]. Available: <http://www.bgs.ac.uk/data/boreholescans/home.html>.
- [10] MAGIC partnership organizations, "MAGIC," [Online]. Available: <https://magic.defra.gov.uk/>.
- [11] Environment Agency (GOV.UK website), "Long Term Flood Risk Information," [Online]. Available: <https://flood-warning-information.service.gov.uk/long-term-flood-risk/>.
- [12] Public Health England, "UK Radon Maps," [Online]. Available: <http://www.ukradon.org/information/ukmaps>.
- [13] Building Research Establishment (BRE), "BR211 Radon Guidance on protective measures for new buildings," 2015.
- [14] Ove Arup on behalf of the Department of Environment, "Review Of Mining Instability In Great Britain," 1990.
- [15] Chelsea Spelaeological Society, "Various Records, Journals and Special Publications".
- [16] Kent Underground Research Group, "Various Records, Journals and Special Publications".
- [17] CIRIA, "C681 Unexploded Ordnance (UXO) A guide for the construction industry," 2009.
- [18] BSI Standards, "Eurocode 7 Geotechnical Design," 2013.
- [19] C. Nathanail, C. McCaffrey, A. Gillett and R. & N. J. Ogden, "The LQM/CIEH S4ULs for Human Health Risk Assessment," Land Quality Press, Nottingham, 2015.
- [20] EIC/AGS/CL:AIRE, "Soil Generic Assessment Criteria for Human Health Risk Assessment," 2010.

- [21] DEFRA, "SP1010 Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination," 2014.
- [22] CL:AIRE, "CL:AIRE Definition of Waste Code of Practice," [Online]. Available: <http://www.claire.co.uk/projects-and-initiatives/dow-cop>.
- [23] Environment Agency, "Waste duty of care code of practice," [Online]. Available: <https://www.gov.uk/government/publications/waste-duty-of-care-code-of-practice>.
- [24] BSI Standards, "BS 3882:2015 Specification for Topsoil," 2015.
- [25] BSI Standards, "BS EN ISO 22476-3:2005+A1:2011 Geotechnical investigation and testing. Field testing. Standard penetration test," 2011.
- [26] CIRIA, "C574 Engineering in Chalk," 2002.
- [27] BSI Standards, "BS EN ISO 22475-1:2006 Geotechnical investigation and testing. Sampling methods and groundwater measurements. Technical principles for execution.," 2006.
- [28] BSI Standards, "BS ISO 18400-100:2017 Soil quality. Sampling. Guidance on the selection of sampling standards," 2017.
- [29] BSI Standards, "BS ISO 18400-101:2017 Soil quality. Sampling. Framework for the preparation and application of a sampling plan," 2017.
- [30] BSI Standards, "BS ISO 18400-103:2017 Soil quality. Sampling. Safety," 2017.
- [31] BSI Standards, "BS ISO 18400-105:2017 Soil quality. Sampling. Packaging, transport, storage and preservation of samples," 2017.
- [32] BSI Standards, "BS ISO 18400-107:2017 Soil quality. Sampling. Recording and reporting," 2017.

APPENDIX A

**Site Plans and Exploratory
Hole Logs**





NB: Contains Ordnance Survey Data © Crown copyright and database right 2025.

Site: Wick Farm, Albourne, West Sussex, BN6 9DU

STL: J15890

Fig No: 1

Date: 18th December 2024

Site Location Plan



Site: Wick Farm, Albourne, BN6 9DU

Date: 4th February 2026

STL: J15890

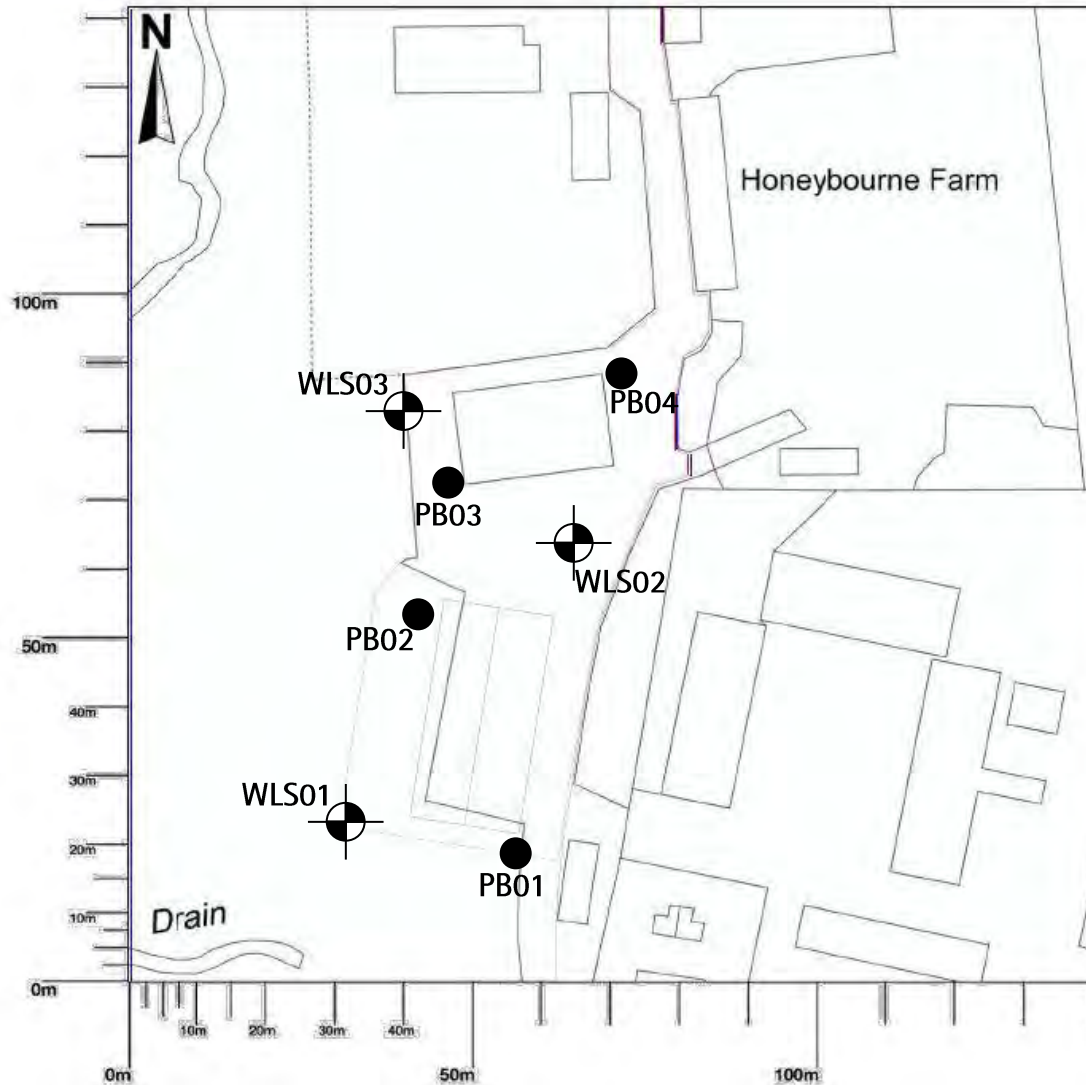
Fig No: 2

Site plan showing proposed construction.



Southern Testing: Keeble House, Stuart Way, East Grinstead, West Sussex RH19 4QA
ST Consult: Twigden Barns, Brixworth Road, Creton, Northampton NN6 8NN





NB: Positions of Boreholes and/or Trial Pits are only indicative unless dimensioned

Site: Wick Farm, Albourne, BN6 9DU

Date: 18th December 2024

STL: J15890

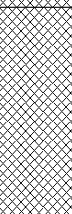
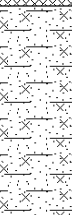
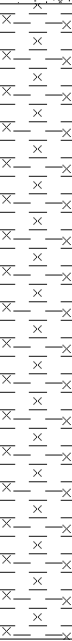
Fig No: 3

Site plan showing approximate exploratory hole locations.

 Southern Testing

Southern Testing: Keeble House, Stuart Way, East Grinstead, West Sussex RH19 4QA
ST Consult: Twigden Barns, Brixworth Road, Creton, Northampton NN6 8NN

 ST Consult

					Start - End Date:		Project ID:		Hole Type:		WLS01	
					18/12/2024		J15890		WLS		Sheet 1 of 1	
Client:		Fiddle Ltd.					Co-ordinates:		Level (m AOD)		Logger:	
											SM	
Project Name:		Wick Farm, Albourne					Location:		West Sussex, BN6 9DU			
Well	Water Strikes	Samples and Insitu Testing			Progress	Depth (m)	Level (m AOD)	Legend	Stratum Description			
		Depth (m)	Type/Fl	Results	Runs							
		0.10	ES			0.20	(0.20)		Dark grey, silty, sandy, gravelly, CLAY. Gravel comprises fragments of brick, concrete and flint. MADE GROUND	1		
	0.40	ES			0.50	(0.30)		Grey to dark grey, silty, gravelly, SAND. Gravel comprises fine to medium, sub-angular, brick, concrete and ash. MADE GROUND				
	0.70	ES			(0.70)		Dark brown, gravelly, CLAY. Gravel comprises fine fragments of brick and ash and medium, sub-rounded, flint. MADE GROUND					
	1.00	SPT	N=6 (1,1/1,1,1,3)		1.20				Loose, dark grey, slightly clayey, silty, SAND, with occasional very fine fragments of organic material.	2		
	1.60	D			1.90	(0.70)						
	1.70	ES										
	2.00	SPT	N=16 (2,2/2,3,5,6)						Firm to stiff, thinly laminated, grey mottled orange brown, silty, CLAY, with frequent laminations/patches of orange brown, silty, sand.			
	2.50	D HP	UCS(kPa)=350							3		
	3.00	D HP SPT	UCS(kPa)=400 N=24 (2,4/6,5,6,7)			(2.10)						
	3.50	D HP	UCS(kPa)=350									
4.00	D HP SPT	UCS(kPa)=300 N=43 (5,6/9,10,11,13)		4.00				End of Borehole at 4.00m				
										4		
										5		
Remarks:												
1. Standing water level at 2.35m (bgl), upon completion of drilling.												
Status:		DRAFT		Log Print Date and Time:		08/01/2025 12:41		Log Approved By:				

	Start - End Date:	Project ID:	Hole Type:	WLS01
	18/12/2024	J15890	WLS	Sheet 1 of 1

Depth Related Hole Information									
Top Depth (m)	Base Depth (m)	Hole Type	Start Date	End Date	Crew	Plant Used	Contractor	Logged By	Remarks
0.00	4.00	WLS	18/12/2024	18/12/2024	GC & JB	Prem 110		SM	

Hole Diameter			Casing Diameter		
Hole Diameter (mm)	Depth to Base (m)	Remarks	Casing Diameter (mm)	Depth to Base (m)	Remarks

Dynamic Sample Drill Run Information						
Run No.	Top Depth (m)	Base Depth (m)	Duration	Hole Diameter (mm)	Sample Recovery (%)	Remarks

Project Specific Time Related Remarks				Drilling Progress by Time				
Date Time Start	Date Time End	Duration	Remarks	Date Time	Depth (m)	Casing Depth (m)	Water Depth (m)	Remarks

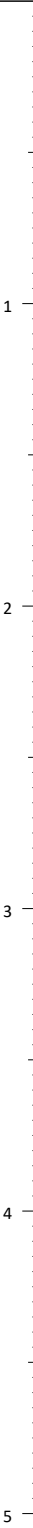
SPT								
Top Depth (m)	Test Type	Casing Depth (m)	Water Depth (m)	Self Weight Penetration (mm)	Reported Result (N Value)	Hammer Serial No.	Energy Ratio %	Remarks
1.00 2.00 3.00 4.00	S S S S				N=6 (1,1/1,1,1,3) N=16 (2,2/2,3,5,6) N=24 (2,4/6,5,6,7) N=43 (5,6/9,10,11,13)			

Water Strikes and Details							
Depth Strike (m)	Date Time	Depth Casing (m)	Depth Sealed (m)	Remarks	Time Elapsed (mins)	Water Depth (m)	Remarks

Installation Details						Pipe Construction				
Distance	Point Ref.	Type	Top of Response Zone (m)	Base of Response Zone (m)	Pipe Ref.	Pipe Reference	Depth Top (m)	Depth Base (m)	Diameter (mm)	Pipe Type

Backfill Details			
Depth Top	Depth Base	Material	Remarks
0.00	4.00	Arisings	

Status:	DRAFT	Log Print Date and Time:	08/01/2025 12:41	Log Approved By:	
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						Start - End Date:		Project ID:		Hole Type:		WLS02	
						18/12/2024		J15890		WLS		Sheet 1 of 1	
Client:		Fiddle Ltd.					Co-ordinates:		Level (m AOD)		Logger:		
											SM		
Project Name:		Wick Farm, Albourne					Location:		West Sussex, BN6 9DU				
Well	Water Strikes	Samples and Insitu Testing			Progress	Depth (m)	Level (m AOD)	Legend	Stratum Description				
		Depth (m)	Type/Fl	Results	Runs								
		0.20	ES			0.10	(0.10)		CONCRETE.				
						0.30	(0.20)		Dark grey, silty, SAND, with occasional fragments of brick, concrete and flint. MADE GROUND				
		0.50	ES						Dark brown, silty, fine to medium SAND, with occasional fine to medium, sub-angular to sub-rounded flint gravel.				
							(1.00)						
		1.00	D SPT	N=36 (4,5/6,7,11,12)									
		1.50	D			1.30			Medium dense, dark grey to dark brown, silty, fine to medium SAND.				
							(1.00)						
	2.00	D SPT	N=27 (2,4/5,6,7,9)							2			
	2.50	D HP	UCS(kPa)=270			2.30			Firm to stiff, thinly laminated, dark grey to greenish grey mottled orange brown, silty, sandy, CLAY, with frequent laminations of silty sand.				
							(0.70)						
	3.00	D HP SPT	UCS(kPa)=200 N=33 (4,5/7,9,10)			3.00			End of Borehole at 3.00m		3		
											4		
											5		
Remarks:													
1. Standing water level at 1.7m (bgl), upon completion of drilling. 2. Borehole collapsed to 2.4m (bgl), upon completion of drilling.													
Status:		DRAFT			Log Print Date and Time:		08/01/2025 12:41		Log Approved By:				

	Start - End Date:	Project ID:	Hole Type:	WLS02
	18/12/2024	J15890	WLS	Sheet 1 of 1

Depth Related Hole Information									
Top Depth (m)	Base Depth (m)	Hole Type	Start Date	End Date	Crew	Plant Used	Contractor	Logged By	Remarks
0.00	3.00	WLS	18/12/2024	18/12/2024	GC & JB	Prem 110		SM	

Hole Diameter			Casing Diameter		
Hole Diameter (mm)	Depth to Base (m)	Remarks	Casing Diameter (mm)	Depth to Base (m)	Remarks

Dynamic Sample Drill Run Information						
Run No.	Top Depth (m)	Base Depth (m)	Duration	Hole Diameter (mm)	Sample Recovery (%)	Remarks

Project Specific Time Related Remarks				Drilling Progress by Time				
Date Time Start	Date Time End	Duration	Remarks	Date Time	Depth (m)	Casing Depth (m)	Water Depth (m)	Remarks

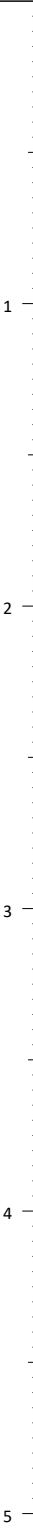
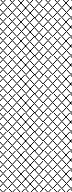
SPT								
Top Depth (m)	Test Type	Casing Depth (m)	Water Depth (m)	Self Weight Penetration (mm)	Reported Result (N Value)	Hammer Serial No.	Energy Ratio %	Remarks
1.00 2.00 3.00	S S S				N=36 (4,5/6,7,11,12) N=27 (2,4/5,6,7,9) N=33 (4,5/7,7,9,10)			

Water Strikes and Details							
Depth Strike (m)	Date Time	Depth Casing (m)	Depth Sealed (m)	Remarks	Time Elapsed (mins)	Water Depth (m)	Remarks

Installation Details						Pipe Construction				
Distance	Point Ref.	Type	Top of Response Zone (m)	Base of Response Zone (m)	Pipe Ref.	Pipe Reference	Depth Top (m)	Depth Base (m)	Diameter (mm)	Pipe Type

Backfill Details			
Depth Top	Depth Base	Material	Remarks
0.00	3.00	Arisings	

Status:	DRAFT	Log Print Date and Time:	08/01/2025 12:41	Log Approved By:	
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						Start - End Date:		Project ID:		Hole Type:		WLS03	
						18/12/2024		J15890		WLS		Sheet 1 of 1	
Client:		Fiddle Ltd.					Co-ordinates:		Level (m AOD)		Logger:		
											SM		
Project Name:		Wick Farm, Albourne					Location:		West Sussex, BN6 9DU				
Well	Water Strikes	Samples and Insitu Testing			Progress		Depth (m)	Level (m AOD)	Legend	Stratum Description			
		Depth (m)	Type/Fl	Results	Runs								
										CONCRETE.			
		0.60	ES			0.25	(0.25)		Dark grey, silty, sandy, CLAY, with occasional fragments of brick, concrete, wood and flint. MADE GROUND				
		1.00	SPT	N=10 (1,0/1,2,3,4)		0.90			Medium dense, dark grey to greenish grey, silty, fine to medium SAND.				
		1.30	ES				(0.80)						
		1.50	D			1.70			Medium dense, pale brown to orange brown, silty, fine to medium, SAND.				
		2.00	D SPT	N=28 (3,4/6,8,7,7)									
		2.50	D				(1.30)			End of Borehole at 3.00m		3	
		3.00	D SPT	N=27 (1,6/6,7,7,7)		3.00						5	
Remarks:													
1. Standing water level at 1.0m (bgl), upon completion drilling. 2. Borehole collapsed to 2.6m (bgl), upon completion of drilling.													
Status:		DRAFT			Log Print Date and Time:		08/01/2025 12:41		Log Approved By:				

	Start - End Date:	Project ID:	Hole Type:	WLS03
	18/12/2024	J15890	WLS	Sheet 1 of 1

Depth Related Hole Information									
Top Depth (m)	Base Depth (m)	Hole Type	Start Date	End Date	Crew	Plant Used	Contractor	Logged By	Remarks
0.00	3.00	WLS	18/12/2024	18/12/2024	GC & JB	Prem 110		SM	

Hole Diameter			Casing Diameter		
Hole Diameter (mm)	Depth to Base (m)	Remarks	Casing Diameter (mm)	Depth to Base (m)	Remarks

Dynamic Sample Drill Run Information						
Run No.	Top Depth (m)	Base Depth (m)	Duration	Hole Diameter (mm)	Sample Recovery (%)	Remarks

Project Specific Time Related Remarks				Drilling Progress by Time				
Date Time Start	Date Time End	Duration	Remarks	Date Time	Depth (m)	Casing Depth (m)	Water Depth (m)	Remarks

SPT								
Top Depth (m)	Test Type	Casing Depth (m)	Water Depth (m)	Self Weight Penetration (mm)	Reported Result (N Value)	Hammer Serial No.	Energy Ratio %	Remarks
1.00 2.00 3.00	S S S				N=10 (1,0/1,2,3,4) N=28 (3,4/6,8,7,7) N=27 (1,6/6,7,7,7)			

Water Strikes and Details							
Depth Strike (m)	Date Time	Depth Casing (m)	Depth Sealed (m)	Remarks	Time Elapsed (mins)	Water Depth (m)	Remarks

Installation Details						Pipe Construction				
Distance	Point Ref.	Type	Top of Response Zone (m)	Base of Response Zone (m)	Pipe Ref.	Pipe Reference	Depth Top (m)	Depth Base (m)	Diameter (mm)	Pipe Type

Backfill Details			
Depth Top	Depth Base	Material	Remarks
0.00	3.00	Arisings	

Status:	DRAFT	Log Print Date and Time:	08/01/2025 12:41	Log Approved By:	
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Key to Exploratory Hole Logs, Plans and Sections

Backfill Symbols		Pipe Symbols		Principal Soil Types		Principal Rock Types		Drilling Records	
Arisings		Plain Pipe		Topsoil		Mudstone		Water Strike	
Concrete		Slotted Pipe		Made Ground		Claystone		Depth Water Rose	
Blacktop		Piezometer		Clay		Siltstone		Total Core Recovery (%) [TCR]	
Bentonite		Piezometer Tip		Silt		Sandstone		Solid Core Recovery (%) [SCR]	
Gravel Filter		Filter Tip		Sand		Limestone		Rock Quality Index (%) RQD]	
Sand Filter		Extensometer		Gravel		Chalk		Fracture Index (fractures / m) [FI]	
		Inclinometers		Peat					

All soil and rock descriptions are in general accordance with BS5930 2015, BS EN ISO 14688-1:2002+A1:2013 and BS EN ISO 14689-1:2003. Chalk descriptions are also based on CIRIA C574 and "Logging the Chalk – R.N. Mortimer 2015". The Geology Code is only provided where a positive identification of the sample strata has been made.

Location / Method Identifiers		In-situ Test Location / Method	
BH	Borehole (undefined)	DP	Dynamic Probe
CP	Cable Percussive	CPT	Cone Penetration Test
RC	Rotary Core	CBR	In-situ CBR Test
RO	Rotary Open Hole	DCP	CBR using Dynamic Cone Penetrometer
ODC	Rotary Odex/Symmetrix drilling cased	CBRT	CBR using TRL Probe
CP+RC	Cable Percussive to Rotary Core	PB	Plate Bearing Test
SNC	Sonic	SPT (S)	Standard Penetration Test (Split Barrel Sampler)
CFA	Continuous Flight Auger	SPT (C)	Standard Penetration Test (Solid Cone)
FA	Flight Auger	N	SPT Result
VC	Vibro Core	-/-	Blows/Penetration (mm) after seating drive
WLS+RC	Windowless (Dynamic) Sampler to Rotary Core	-*/-	Total Blows / Penetration (mm)
WLS	Windowless Sampler	()	Extrapolated Value
WS	Window Sampler	PPT	Perth Penetration (In-House Method - Equivalent N Value)
HA	Hand Auger	HP / UCS	Strength from Hand Penetrometer (kN/m ²)
C	Road / Pavement Core	IVN	Strength from Hand Vane ((kN/m ²) P = peak, R = residual
IP	Inspection Pit (Hand Excavation)	PID	Photo Ionisation Detector (ppm)
TP	Trial Pit (Machine Excavated)	MEXE	Mexi-Cone CBR (%)
OP	Observation Pit (Supported Excavation Hand or Machine)		

Samples / Test Type	
B	Bulk Sample
BLK	Block Sample
C	Core Sample
CBRS	CBR Mould Sample
D	Small Disturbed Sample
ES	Environmental Sample (Soil)
EW	Environmental Sample (Water)
GS	Environmental Sample (Gas)

Samples / Test Type	
SPTLS	Standard Penetration Test Split Barrel Sample
TW	Thin Wall Push In Sample (e.g. Shelby Sampler)
U	Undisturbed Open Drive Sample (blows to take)
UT	Thin Wall Undisturbed Open Drive Sample (blows to take)
W	Water Sample (Geotechnical)
SP	Sample from Stockpile
P	Piston Sample
AMAL	Amalgamated Sample

APPENDIX B

Field Sampling and In-Situ Test Methods and Results



B

Soil and Rock Descriptions

All soil and rock descriptions are in general accordance with BS5930 Ref [4].

Anthropogenic soils ('made ground' or 'fill') describe materials which have been placed by man and can be divided into those composed of reworked natural soils and those composed of or containing man-made materials. 'Fill' is used to describe material placed in a controlled manner and 'made ground' is used to describe materials placed without strict engineering control.

The classification of materials such as topsoil is based on visual description only and should not be interpreted to mean that the material complies with criteria used in BS 3882 Ref [24].

The geology code is only provided on logs where a positive identification of the sample strata has been made.

Inspection Pit

Inspection pits are hand excavated from the surface (maximum depth 1.2 – 1.5m) using appropriate tools to locate and avoid existing buried services at exploratory hole positions. They are also regularly used as part of investigations on existing structures to expose and determine foundation detail.

Dynamic Sampling - Window or Windowless

Window sampling is carried out by driving hollow steel tubes incorporating a longitudinal access slot (window) and a cutting shoe into the ground using a percussive 'breaker'. This enables recovery of a continuous soil sample for examination and sub-sampling.

Windowless samplers are designed for taking disturbed, continuous soil samples to depths up to 10 metres (depending on ground conditions). The samplers comprise steel tubes of about 50-100mm diameter with a rigid plastic liner (no window) and are driven into the ground with a sliding hammer mounted on a tracked purpose-designed soil sampling rig. After driving and extracting the sampler from the ground, the plastic liner is extracted together with the enclosed soil sample. The sample can then either be extracted, split and sub-sampled or plastic end caps may be fitted, the tube labelled and transported for future examination and sub-sampling.

Soil samples are disturbed by the driving process with both techniques and can be regarded as being between Class 5 up to Class 3 samples at best (in favourable ground).

The major advantage of using windowless samplers is that the plastic liner greatly reduces the possibility of cross-contamination between successive samples.

An equivalent in-situ test to the Standard Penetration Test can be carried out with the windowless sampler rig.

Standard Penetration Test (SPT)

The Standard Penetration Test (SPT) is specified in BS EN ISO 22476-3 Ref [25]. In this test, an open-ended tube is driven into the ground by blows from a free-falling hammer (with specified sizes, weights and distances).

The tube is seated by driving to a penetration of 150mm, or by 25 blows, whichever occurs first. It is then driven for a maximum of a further 300mm and the number of blows is termed the penetration resistance (N). If 300mm penetration cannot be achieved in 50 blows, the test drive is terminated and penetration depth is recorded.

When testing in gravels, a conical end piece is attached to the tube. The test is then called an SPT(C).

A classification of relative density descriptions as used on borehole logs, based upon uncorrected SPT N values, is given within BS5930 Ref [4] and set out as follows:

Classification based on uncorrected SPT N Value	Term
0 - 4	Very Loose
4 - 10	Loose
10 – 30	Medium Dense
30 – 50	Dense
Over 50	Very Dense

Hand Penetrometer Test

The handheld soil penetrometer consists of a spring loaded and calibrated plunger which is forced into cohesive soil. A reading of unconfined compression strength (equal to twice cohesion) is given on a calibrated scale. The average of a set of three readings shall be recorded.

In common with other hand methods of strength assessment it does not give an accurate indication of bearing capacity in stiff or fissured soils, because of the small test area.

Plate Bearing Test

This test is specified within BS 1377 Part 9, and is generally undertaken within an excavation made to the required depth. In the test, a steel plate usually 300 to 750mm in diameter, is loaded by a hydraulic jack in line with a calibrated load cell bearing against a dead load. Settlement readings are taken at regular time intervals for each load increment, by means of gauges. When the settlement under a particular load is substantially complete the load is increased and further settlement readings taken. On conclusion of the series of load increments, the load is taken off and recovery monitored. Graphs of deflection against time, and maximum settlement under each loading stage against load are drawn.

Large diameter plate loading tests on Chalk soils are generally carried out in accordance with C574 Ref [26].

Disturbed Samples

Disturbed samples were taken from exploratory holes in general accordance with BS 5930 [4] and BS EN ISO 22475-1 Ref [27] as required and stored in appropriately labelled containers. Details of the type, size and depth of sample will be recorded within the exploratory hole record. Such samples can be regarded as being between Class 5 up to Class 3 quality depending upon their method of sampling.

Environmental Samples

Environmental samples were taken from the boreholes at regular intervals in the made ground and natural soils as indicated on the exploratory hole logs. The sampling strategy was in general accordance with BS10175 Ref [5] and BS ISO 18400 Refs [28], [29], [30], [31] & [32].

These samples were collected and stored in glass jars or plastic pots and transferred to the laboratory in cool boxes as appropriate to the proposed laboratory testing.

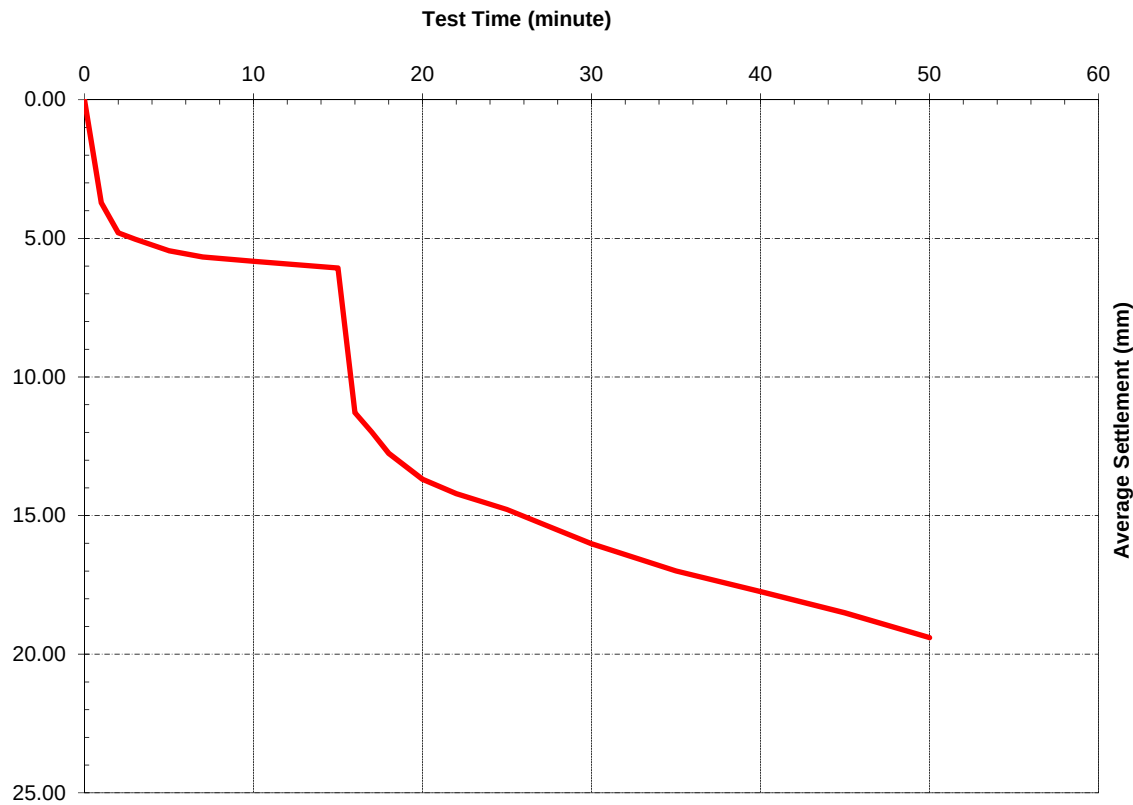
Plate Bearing Plot

Based on BS1377-9:4.1

Soil Type & Condition: Light Brown Top Soil with MG
Weather & Temperature: 8c Cloudy
Test Type: Multistage Plate Bearing

Test No: PB01
Depth BGL (m): 0.20
Plate Dia. (mm): 200
Test Date: 18-Dec-24

Average Settlement vs Test Time



Average Settlement vs Pressure



Project Name Wick Farm, Albourne, BN6 9DU

Proj No. J15890

Checked By

Client Fiddle Limited

Date of Report 24-Dec-24

Plate Bearing Results Table

Based on BS1377-9:4.1

Project Name	Wick Farm, Albourne, BN6 9DU	Project No.	J15890
Client:	Fiddle Limited	Test No	PB01
Soil Type & Condition:	Light Brown Top Soil with MG	Depth BGL (m)	0.20
Weather & Temperature:	8c Cloudy	Plate Dia. (mm)	200
Test Type:	Multistage Plate Bearing	Tested By	CP
		Checked By	
		Project Engineer	SM
		Test Date	18-Dec-24

Pressure (kPa)	Time (minute)	Settlement			Average Settlement (mm)
		Gauge (a) (mm)	Gauge (b) (mm)	Gauge (c) (mm)	
149.9	1.0	3.94	3.49		3.72
	2.0	5.02	4.58		4.80
	3.0	5.25	4.81		5.03
	5.0	5.65	5.24		5.45
	7.0	5.87	5.47		5.67
	10.0	6.01	5.64		5.83
	15.0	6.24	5.90		6.07
	16.0	10.94	11.64		11.29
249.9	17.0	11.58	12.39		11.99
	18.0	12.25	13.26		12.76
	20.0	13.09	14.29		13.69
	22.0	13.61	14.80		14.21
	25.0	14.33	15.23		14.78
	30.0	15.31	16.72		16.02
	35.0	16.26	17.73		17.00
	40.0	16.94	18.54		17.74
	45.0	17.80	19.22		18.51
	50.0	18.70	20.10		19.40

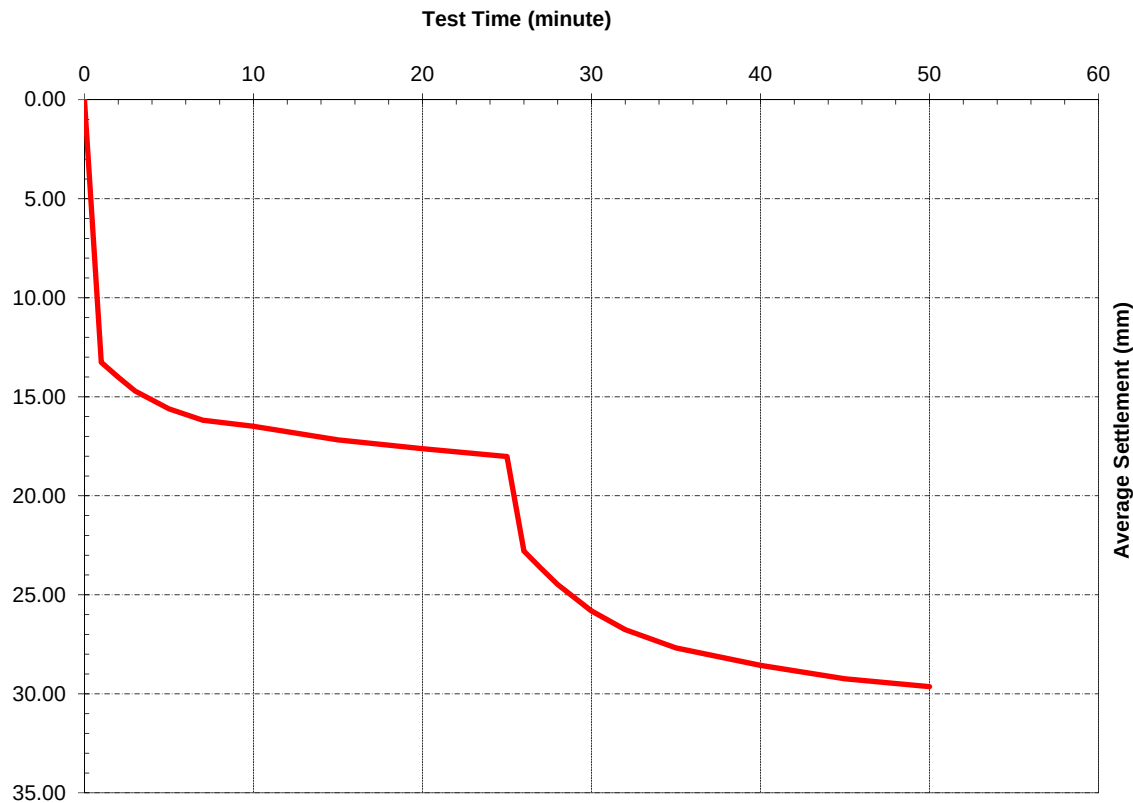
Plate Bearing Plot

Based on BS1377-9:4.1

Soil Type & Condition: Light Brown Top Soil with MG
Weather & Temperature: 8c Cloudy
Test Type: Multistage Plate Bearing

Test No: PB02
Depth BGL (m): 0.00
Plate Dia. (mm): 200
Test Date: 18-Dec-24

Average Settlement vs Test Time



Average Settlement vs Pressure



Project Name Wick Farm, Albourne, BN6 9DU

Proj No. J15890

Checked By

Client Fiddle Limited

Date of Report 24-Dec-24

Plate Bearing Results Table

Based on BS1377-9:4.1

Project Name	Wick Farm, Albourne, BN6 9DU	Project No.	J15890
Client:	Fiddle Limited	Test No	PB02
Soil Type & Condition:	Light Brown Top Soil with MG	Depth BGL (m)	0.00
Weather & Temperature:	8c Cloudy	Plate Dia. (mm)	200
Test Type:	Multistage Plate Bearing	Tested By	CP
		Checked By	
		Project Engineer	SM
		Test Date	18-Dec-24

Pressure (kPa)	Time (minute)	Settlement			Average Settlement (mm)
		Gauge (a) (mm)	Gauge (b) (mm)	Gauge (c) (mm)	
149.9	1.0	12.56	13.96		13.26
	2.0	13.26	14.76		14.01
	3.0	13.96	15.47		14.72
	5.0	14.91	16.31		15.61
	7.0	15.47	16.90		16.19
	10.0	15.74	17.23		16.49
	15.0	16.40	17.95		17.18
	20.0	16.83	18.41		17.62
	25.0	17.25	18.78		18.02
	26.0	21.95	23.64		22.80
249.9	27.0	22.76	24.53		23.65
	28.0	23.57	25.40		24.49
	30.0	24.87	26.76		25.82
	32.0	25.76	27.76		26.76
	35.0	26.57	28.80		27.69
	40.0	27.37	29.76		28.57
	45.0	28.00	30.48		29.24
	50.0	28.38	30.89		29.64

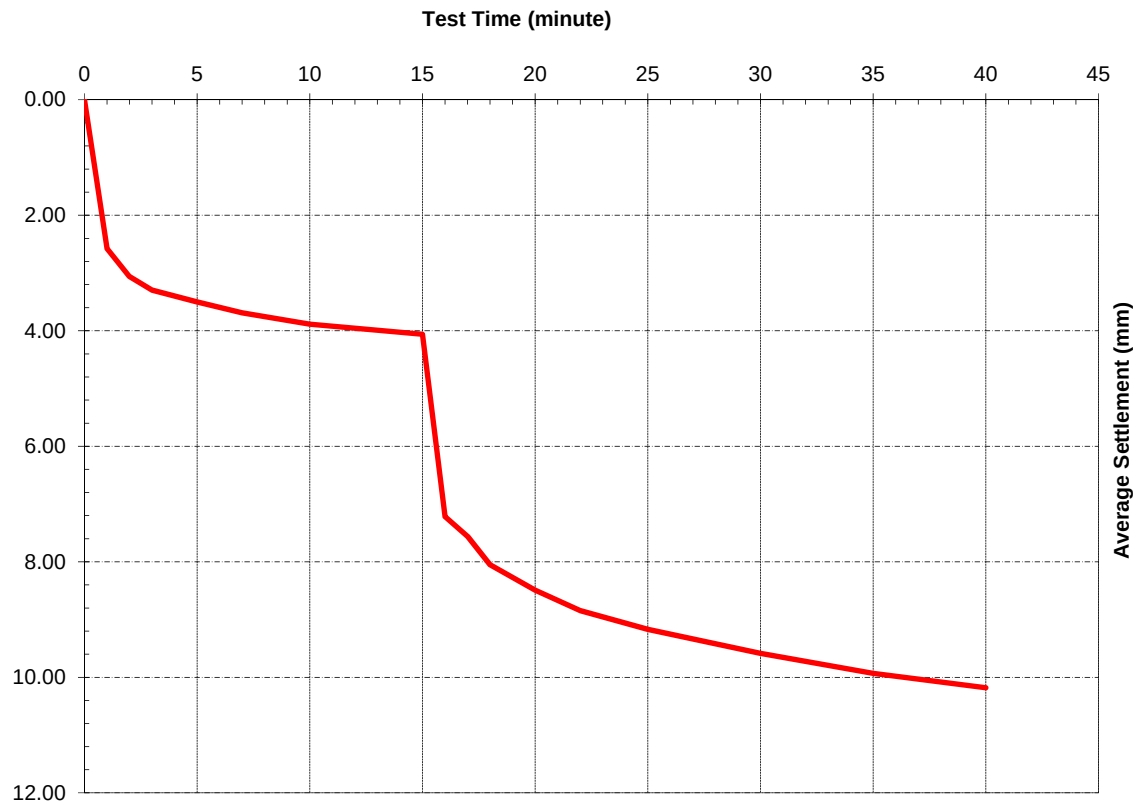
Plate Bearing Plot

Based on BS1377-9:4.1

Soil Type & Condition: Aluvium
Weather & Temperature: 8c Cloudy
Test Type: Multistage Plate Bearing

Test No: PB03
Depth BGL (m): 0.30
Plate Dia. (mm): 200
Test Date: 18-Dec-24

Average Settlement vs Test Time



Average Settlement vs Pressure



Project Name Wick Farm, Albourne, BN6 9DU

Proj No. J15890

Checked By

Client Fiddle Limited

Date of Report 24-Dec-24

Plate Bearing Results Table

Based on BS1377-9:4.1

Project Name	Wick Farm, Albourne, BN6 9DU	Project No.	J15890
Client:	Fiddle Limited	Test No	PB03
Soil Type & Condition:	Aluvium	Depth BGL (m)	0.30
Weather & Temperature:	8c Cloudy	Plate Dia. (mm)	200
Test Type:	Multistage Plate Bearing	Tested By	CP
		Checked By	
		Project Engineer	SM
		Test Date	18-Dec-24

Pressure (kPa)	Time (minute)	Settlement			Average Settlement (mm)
		Gauge (a) (mm)	Gauge (b) (mm)	Gauge (c) (mm)	
149.9	1.0	2.44	2.71		2.58
	2.0	2.92	3.20		3.06
	3.0	3.15	3.44		3.30
	5.0	3.35	3.65		3.50
	7.0	3.53	3.85		3.69
	10.0	3.73	4.04		3.89
	15.0	3.90	4.22		4.06
	16.0	6.99	7.44		7.22
249.9	17.0	7.29	7.83		7.56
	18.0	7.82	8.28		8.05
	20.0	8.24	8.74		8.49
	22.0	8.57	9.12		8.85
	25.0	8.91	9.43		9.17
	30.0	9.31	9.86		9.59
	35.0	9.66	10.20		9.93
	40.0	9.90	10.46		10.18

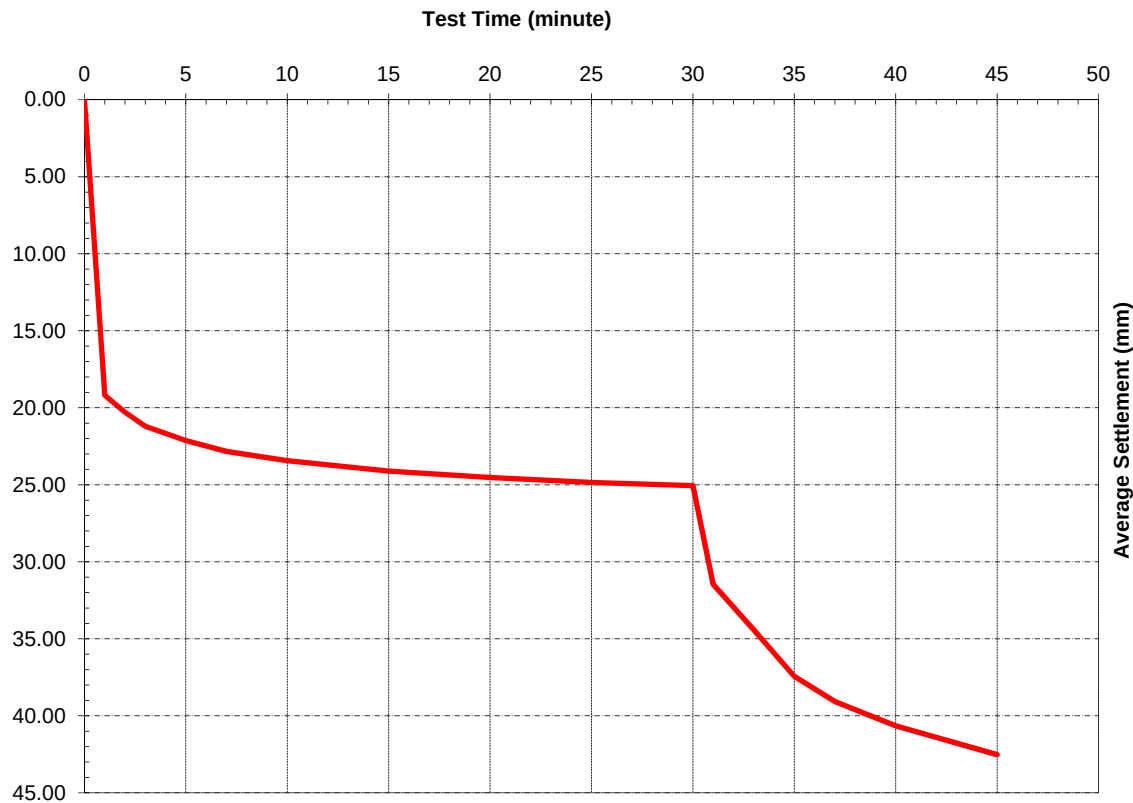
Plate Bearing Plot

Based on BS1377-9:4.1

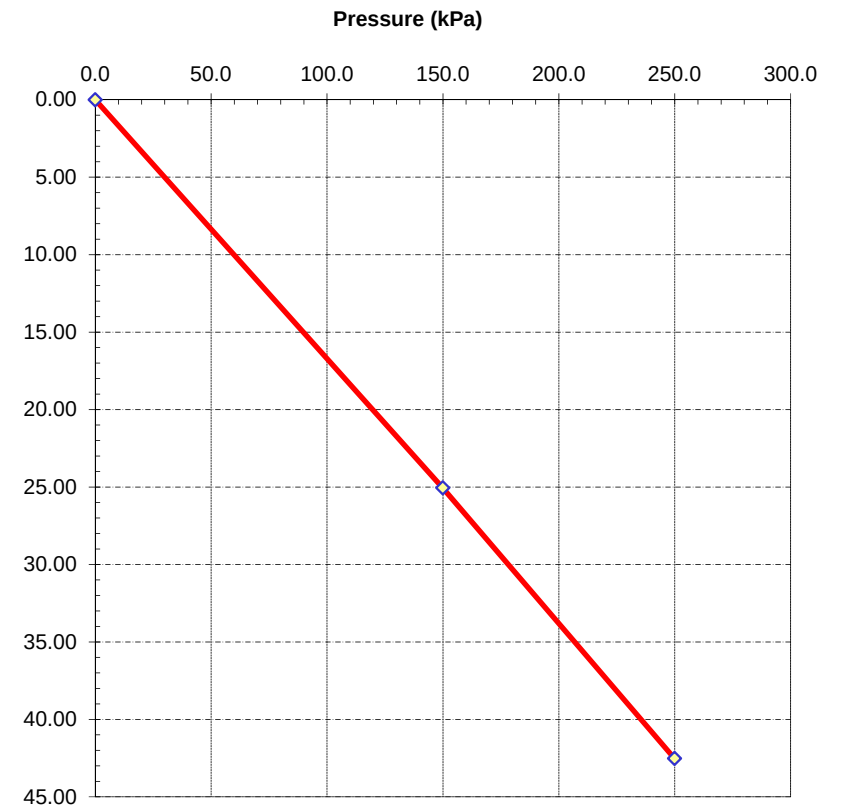
Soil Type & Condition: Dark Grey Clayey Sand
Weather & Temperature: 8c Cloudy
Test Type: Multistage Plate Bearing

Test No: PB04
Depth BGL (m): 0.30
Plate Dia. (mm): 200
Test Date: 18-Dec-24

Average Settlement vs Test Time



Average Settlement vs Pressure



Project Name Wick Farm, Albourne, BN6 9DU

Proj No. J15890

Checked By

Client Fiddle Limited

Date of Report 24-Dec-24

Plate Bearing Results Table

Based on BS1377-9:4.1

Project Name	Wick Farm, Albourne, BN6 9DU	Project No.	J15890
Client:	Fiddle Limited	Test No	PB04
Soil Type & Condition:	Dark Grey Clayey Sand	Depth BGL (m)	0.30
Weather & Temperature:	8c Cloudy	Plate Dia. (mm)	200
Test Type:	Multistage Plate Bearing	Tested By	CP
		Checked By	
		Project Engineer	SM
		Test Date	18-Dec-24

Pressure (kPa)	Time (minute)	Settlement			Average Settlement (mm)
		Gauge (a) (mm)	Gauge (b) (mm)	Gauge (c) (mm)	
149.9	1.0	19.59	18.77		19.18
	2.0	20.74	19.84		20.29
	3.0	21.69	20.72		21.21
	5.0	22.64	21.60		22.12
	7.0	23.37	22.29		22.83
	10.0	23.97	22.89		23.43
	15.0	24.67	23.55		24.11
	20.0	25.08	23.97		24.53
	25.0	25.40	24.29		24.85
	30.0	25.60	24.51		25.06
249.9	31.0	32.12	30.78		31.45
	33.0	35.12	33.72		34.42
	35.0	38.21	36.64		37.43
	37.0	39.85	38.29		39.07
	40.0	41.45	39.85		40.65
	45.0	43.35	41.69		42.52

APPENDIX C

**Contamination Laboratory
Test Methods and Results**





Southern Testing Laboratories Ltd
Keeble House
Stuart Way
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West Sussex
RH19 4QA

t: 01342 333100

e: contamresults@southerntesting.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404

f: 01923 237404

e: reception@i2analytical.com

Analytical Report Number : 25-000105

Project / Site name:	Wick Farm, Albourne	Samples received on:	03/01/2025
Your job number:	J15890	Samples instructed on / Analysis started on:	03/01/2025
Your order number:	J15890 3	Analysis completed by:	09/01/2025
Report Issue Number:	1	Report issued on:	09/01/2025
Samples Analysed:	5 soil samples		

Signed: _____

Anna Goc
PL Head of Reporting Team
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting
	air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-000105
 Project / Site name: Wick Farm, Albourne
 Your Order No: J15890_3

Lab Sample Number	417963	417964	417965	417966	417967
Sample Reference	WLS01	WLS01	WLS02	WLS02	WLS03
Sample Number	D	D	D	D	D
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	1.60	3.00	1.00	3.00	2.00
Date Sampled	18/12/2024	18/12/2024	18/12/2024	18/12/2024	18/12/2024
Time Taken	0930	0930	1100	1100	1300
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	26	17	15	14	15
Total mass of sample received	kg	0.1	NONE	1	0.8	2	1.7	1.5

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.4	5.2	8.1	6.5	7.8
Total Sulphate as SO ₄	%	0.005	MCERTS	0.062	0.057	0.021	0.02	0.018
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	200	64	48	38	21
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	99.7	32.2	24	18.8	10.4
Total Sulphur	mg/kg	50	MCERTS	460	160	62	64	< 50
Total Sulphur	%	0.005	MCERTS	0.046	0.016	0.006	0.006	< 0.005

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 25-000105

Project / Site name: Wick Farm, Albourne

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
417963	WLS01	D	1.6	Brown clay and sand with gravel
417964	WLS01	D	3	Brown clay and sand with gravel
417965	WLS02	D	1	Brown loam and sand with gravel
417966	WLS02	D	3	Brown sandy clay with gravel
417967	WLS03	D	2	Brown sandy clay with gravel

Analytical Report Number : 25-000105
Project / Site name: Wick Farm, Albourne

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES	In-house method	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES	In-house method	L038B	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.
The result for sum should be interpreted with caution



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Analytical Report Number : 25-000107

Project / Site name:	Wick Farm, Albourne	Samples received on:	03/01/2025
Your job number:	J15890	Samples instructed on/ Analysis started on:	03/01/2025
Your order number:	J15890 1	Analysis completed by:	09/01/2025
Report Issue Number:	1	Report issued on:	09/01/2025
Samples Analysed:	4 soil samples		

Signed: _____

Dominika Liana
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application



Analytical Report Number: 25-000107
Project / Site name: Wick Farm, Albourne
Your Order No: J15890_1

Lab Sample Number	417969	417970	417971	417972
Sample Reference	WLS01	WLS02	WLS03	WLS03
Sample Number	ES	ES	ES	ES
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.40	0.50	0.60	1.30
Date Sampled	18/12/2024	18/12/2024	18/12/2024	18/12/2024
Time Taken	0900	1030	1300	1300
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Stone Content	%	0.1	NONE	26.2	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	13	23	18
Total mass of sample received	kg	0.1	NONE	1.2	0.8	0.9	1

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	MUA	-	MUA	MUA

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	9.8	-	8.2	9.1
Total Cyanide	mg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	210	-	160	170
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.105	-	0.0778	0.0849
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	105	-	77.8	84.9
Sulphide	mg/kg	1	MCERTS	7.3	-	3.8	3.8
Organic Matter (automated)	%	0.1	MCERTS	2.1	-	3.4	0.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.82	-	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.17	-	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	1.4	-	0.1	< 0.05
Pyrene	mg/kg	0.05	MCERTS	1.2	-	0.09	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.79	-	0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.8	-	0.06	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.1	-	0.07	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.47	-	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.89	-	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.41	-	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.47	-	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	8.53	-	< 0.80	< 0.80
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Analytical Report Number: 25-000107
Project / Site name: Wick Farm, Albourne
Your Order No: J15890_1

Lab Sample Number				417969	417970	417971	417972
Sample Reference				WLS01	WLS02	WLS03	WLS03
Sample Number				ES	ES	ES	ES
Water Matrix				N/A	N/A	N/A	N/A
Depth (m)				0.40	0.50	0.60	1.30
Date Sampled				18/12/2024	18/12/2024	18/12/2024	18/12/2024
Time Taken				0900	1030	1300	1300
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status				

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	-	16	31
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	-	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	-	28	23
Copper (aqua regia extractable)	mg/kg	1	MCERTS	7.7	-	8.9	5.9
Lead (aqua regia extractable)	mg/kg	1	MCERTS	30	-	15	6.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	10	-	10	10
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	74	-	40	21

Petroleum Hydrocarbons

TPH (>EC6 - EC8) HS_1D_TOTAL	mg/kg	0.01	MCERTS	-	< 0.01	< 0.01	-
TPH (>EC8 - EC10) HS_1D_TOTAL	mg/kg	0.02	MCERTS	-	< 0.02	< 0.02	-
TPH (>EC10 - EC12) EH_CU_1D_TOTAL	mg/kg	2	MCERTS	-	< 2.0	< 2.0	-
TPH (>EC12 - EC16) EH_CU_1D_TOTAL	mg/kg	4	MCERTS	-	< 4.0	< 4.0	-
TPH (>EC16 - EC21) EH_CU_1D_TOTAL	mg/kg	10	MCERTS	-	< 10	< 10	-
TPH (>EC21 - EC40) EH_CU_1D_TOTAL	mg/kg	10	MCERTS	-	< 10	< 10	-

TPH Total >EC6 - EC40 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	-	< 10	< 10	-
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Petroleum Range Organics (EC6 - EC10) HS_1D_TOTAL	mg/kg	1	ISO 17025	-	< 1.0	< 1.0	-
TPH (EC10 - EC40) EH_CU_1D_TOTAL	mg/kg	10	MCERTS	-	< 10	< 10	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number : 25-000107
Project / Site name: Wick Farm, Albourne

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
417969	WLS01	ES	0.4	Brown loam and sand with gravel and vegetation
417970	WLS02	ES	0.5	Brown loam and sand with gravel and vegetation
417971	WLS03	ES	0.6	Brown clay and sand with gravel
417972	WLS03	ES	1.3	Brown sandy clay with gravel

Analytical Report Number : 25-000107
Project / Site name: Wick Farm, Albourne

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode	In-house method	L010-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS	In-house method	L076B/L088-PL	D/W	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.
The result for sum should be interpreted with caution

Sample Deviation Report



Analytical Report Number : 25-000107
Project / Site name: Wick Farm, Albourne

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
WLS01	ES	S	417969	c	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	c
WLS01	ES	S	417969	c	Sulphide in soil	L010-PL	c
WLS01	ES	S	417969	c	Total cyanide in soil	L080-PL	c
WLS02	ES	S	417970	c	Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil	L076B/L088-PL	c
WLS02	ES	S	417970	c	Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil	L129-PL	c
WLS03	ES	S	417971	c	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	c
WLS03	ES	S	417971	c	Sulphide in soil	L010-PL	c
WLS03	ES	S	417971	c	Total cyanide in soil	L080-PL	c
WLS03	ES	S	417971	c	Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil	L076B/L088-PL	c
WLS03	ES	S	417971	c	Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil	L129-PL	c
WLS03	ES	S	417972	c	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	c
WLS03	ES	S	417972	c	Sulphide in soil	L010-PL	c
WLS03	ES	S	417972	c	Total cyanide in soil	L080-PL	c

These screening values are valid at the time of writing but may be subject to change and any such changes will have implications for the assessments based on them. Their validity should be confirmed at the time of site development.

Table 1 – Tier 1 Screening Values

Contaminant	Units	Proposed Land Use					
		Residential with home grown produce consumption	Residential without home grown produce consumption	Open Space * (Residential)	Open Space * (Park)	Allotments	Commercial / Industrial
Arsenic (As) [2]	mg/kg	37	40	79	170	43	640
Cadmium (Cd) [2]	mg/kg	11	85	120	555	1.9	190
Trivalent Chromium (CrIII) [2]	mg/kg	910	910	1,500	33,000	18,000	8600
Hexavalent Chromium (CrVI) [2]	mg/kg	6	6	7.7	220	1.8	33
Lead (Pb) [3]	mg/kg	200	310	630	1300	80	2330
Mercury (Hg) [1,2,7]	mg/kg	7.6-11	9.2-15	40	68-71	6.0	29-320
Selenium (Se) [2]	mg/kg	250	430	1,100	1,800	88	12,000
Nickel (Ni) [2,4]	mg/kg	130	180	230	800	53	980
Copper (Cu) [2,4]	mg/kg	2,400	7,100	12,000	44,000	520	68,000
Zinc (Zn) [2,4]	mg/kg	3,700	40,000	81,000	170,000	620	730,000
Phenol [1,2]	mg/kg	120-380	440-1200	440-1300	440-1300	23-83	440-1300
Benzo[a]pyrene [1,5]	mg/kg	1.7-2.4	2.6	4.9	10	0.67-2.7	36
Naphthalene [1,2]	mg/kg	2.3-13	2.3-13	77-430*	77-430*	4.1-24	77-430*
Total Cyanide (CN) [6]	mg/kg	/	/	/	/	/	/
Free Cyanide [6]	mg/kg	/	/	/	/	/	/
Complex Cyanides [6]	mg/kg	/	/	/	/	/	/
Thiocyanate [6]	mg/kg	/	/	/	/	/	/

Notes:

* Open Space levels calculated on the basis of the exposure modelling developed in the C4SL research.

+ Screening values constrained to saturation limit. Higher values may be acceptable on a site specific basis.

[1] Where ranges of values are given for organic contaminants the screening value is dependent on the Soil +Organic Matter.

[2] LQM/CIEH S4UL (2014). Copyright Land Quality Management Ltd. reproduced with permission; Publication Number S4UL 3116. All rights reserved.

[3] C4SL (DEFRA 2014).

[4] Copper, Zinc and Nickel may have phototoxic effects at the given concentrations. Alternative criteria should be adopted for importation of Topsoil or other soils for cultivation. BS3882:2015 and BS8601:2013 suggest values of 200 to 300mg/kg for Zn, 100 to 200mg/kg for Cu, and 60 to 110mg/kg for Ni, for topsoil and subsoil, depending on pH.

[5] Based on the Surrogate Marker approach and modelled using the modified exposure parameters of C4SL but retaining 'minimal risk' HCV.

[6] Screening criteria derived on a site specific basis if test results indicate.

[7] S4UL for Methyl Mercury, higher concentrations may be tolerable if inorganic mercury is the only species present. Lower concentrations apply for elemental Mercury.

APPENDIX D

Photographs



Wick Farm, Albourne



View from east of site looking north.



View from east of site looking north west.



View from east of site looking north west.



View from east of site looking west.



View from east of site looking south.



View from south west of site looking north east.

Wick Farm, Albourne



View from south west of site looking east.



View from south west of site looking south east.



View from south west of site looking south.



View from south west of site looking north west.



View from west of site looking north.



View from west of site looking north east.

Wick Farm, Albourne



Existing structure on site.



View from south east of site looking north.



View from south east of site looking south.



View from north west of site looking north.



View from north west of site looking south.



Existing structure on site.

APPENDIX E

Phase 1 Desk Study – Historical Mapping



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Ch Church		Post Office
	CH Club House		Public Convenience
	F E Sta Fire Engine Station		Public House
	FB Foot Bridge		Signal Box
	Fn Fountain		Spring
	GP Guide Post		Telephone Call Box
	MP Mile Post		Telephone Call Post
	MS Mile Stone		Well

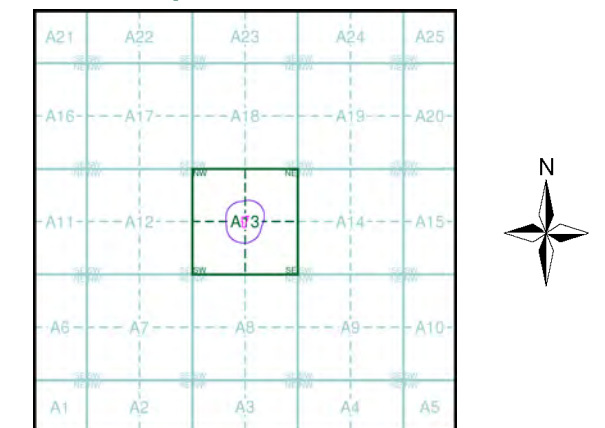
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1879	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1912	4
Sussex	1:10,560	1912	5
Historical Aerial Photography	1:10,560	1947 - 1951	6
Historical Aerial Photography	1:10,560	1947	7
Sussex	1:10,560	1951 - 1952	8
Ordnance Survey Plan	1:10,000	1962 - 1963	9
Ordnance Survey Plan	1:10,000	1974 - 1979	10
Ordnance Survey Plan	1:10,000	1993	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2024	14

Historical Map - Slice A



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

Sussex

Published 1879

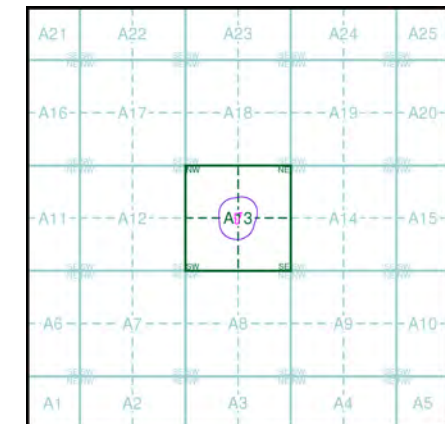
Source map scale - 1:10,560

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)

03800
1879
1:10,560
05200
1879
1:10,560

Historical Map - Slice A

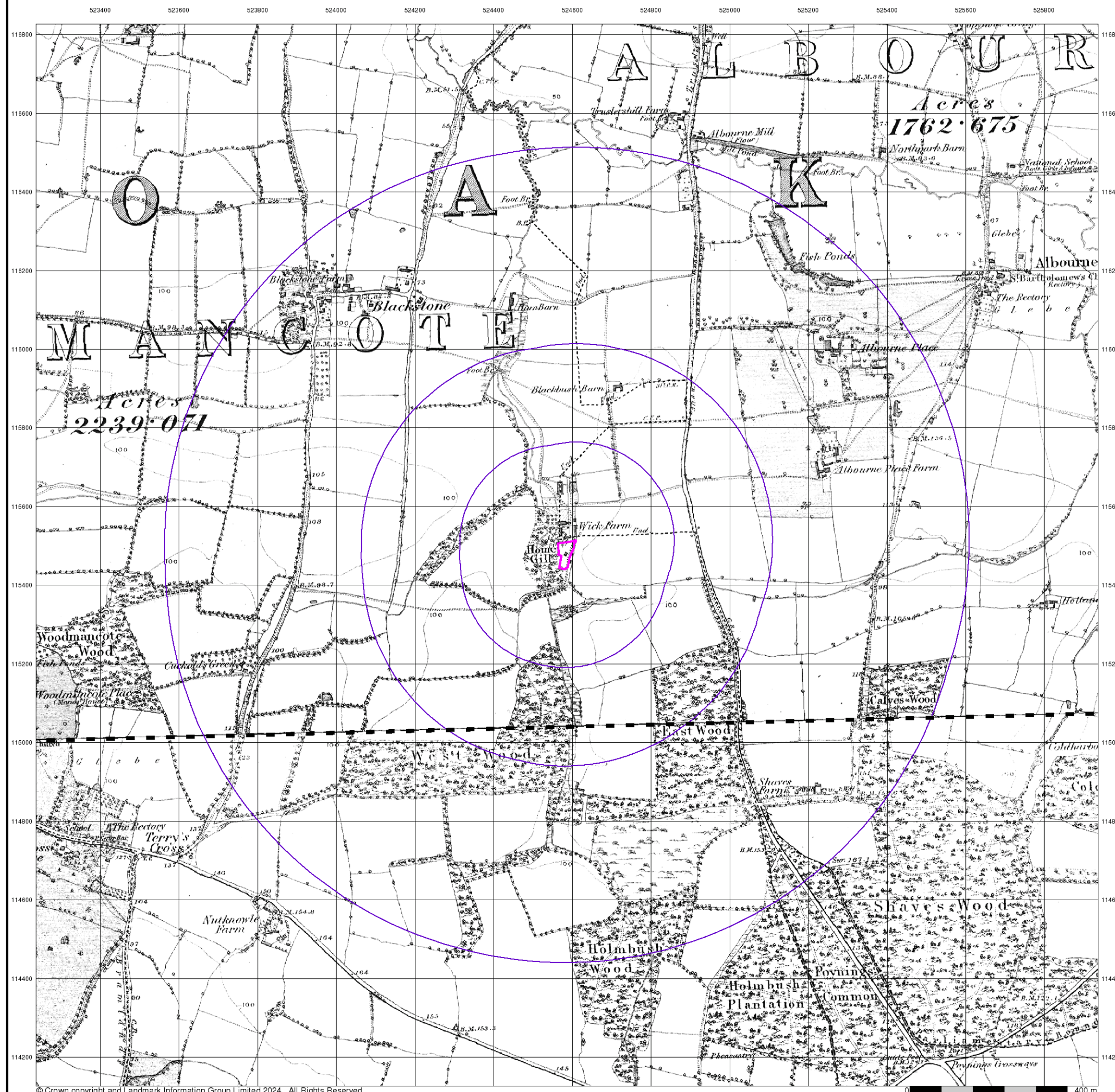


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



Sussex

Published 1899

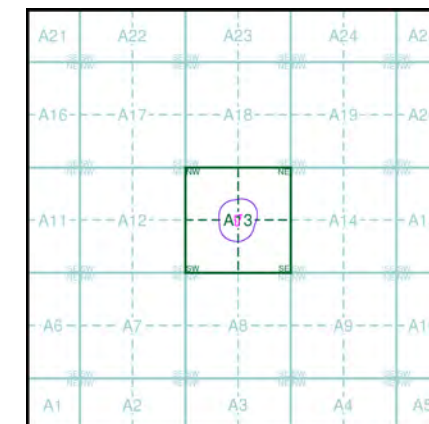
Source map scale - 1:10,560

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)

038SW 1899 1:10,560	038SE 1899 1:10,560
052NW 1899 1:10,560	052NE 1899 1:10,560

Historical Map - Slice A

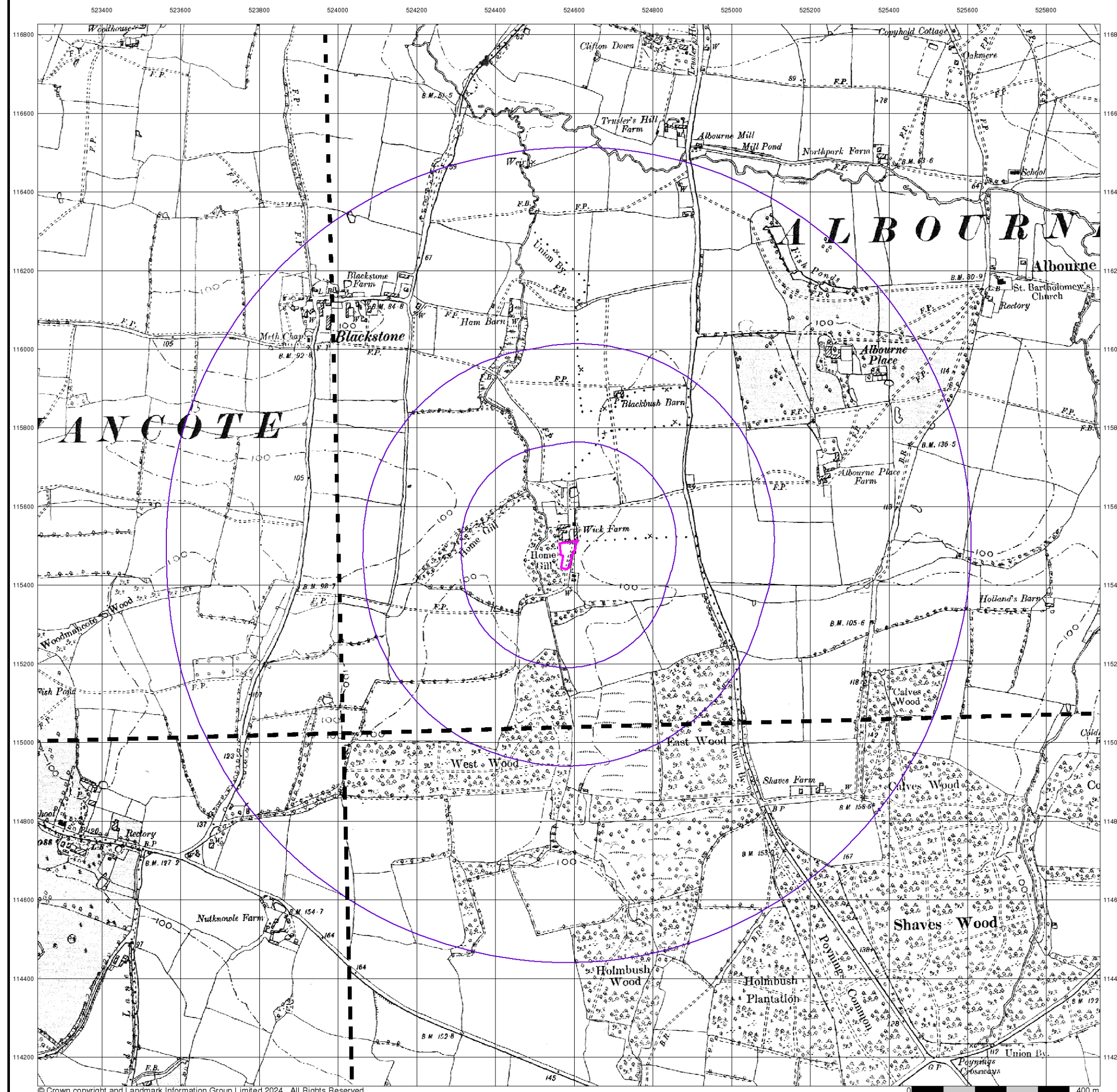


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



Sussex

Published 1912

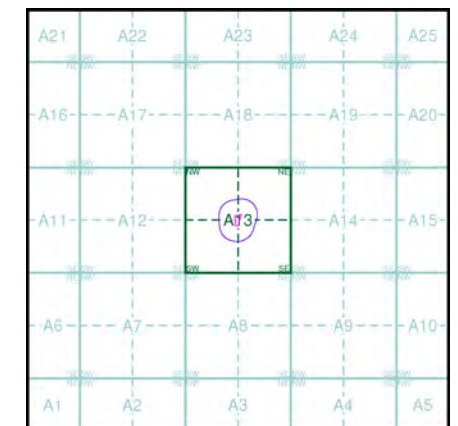
Source map scale - 1:10,560

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)

038SW 1912 1:10,560	038SE 1912 1:10,560
052NW 1912 1:10,560	052NE 1912 1:10,560

Historical Map - Slice A

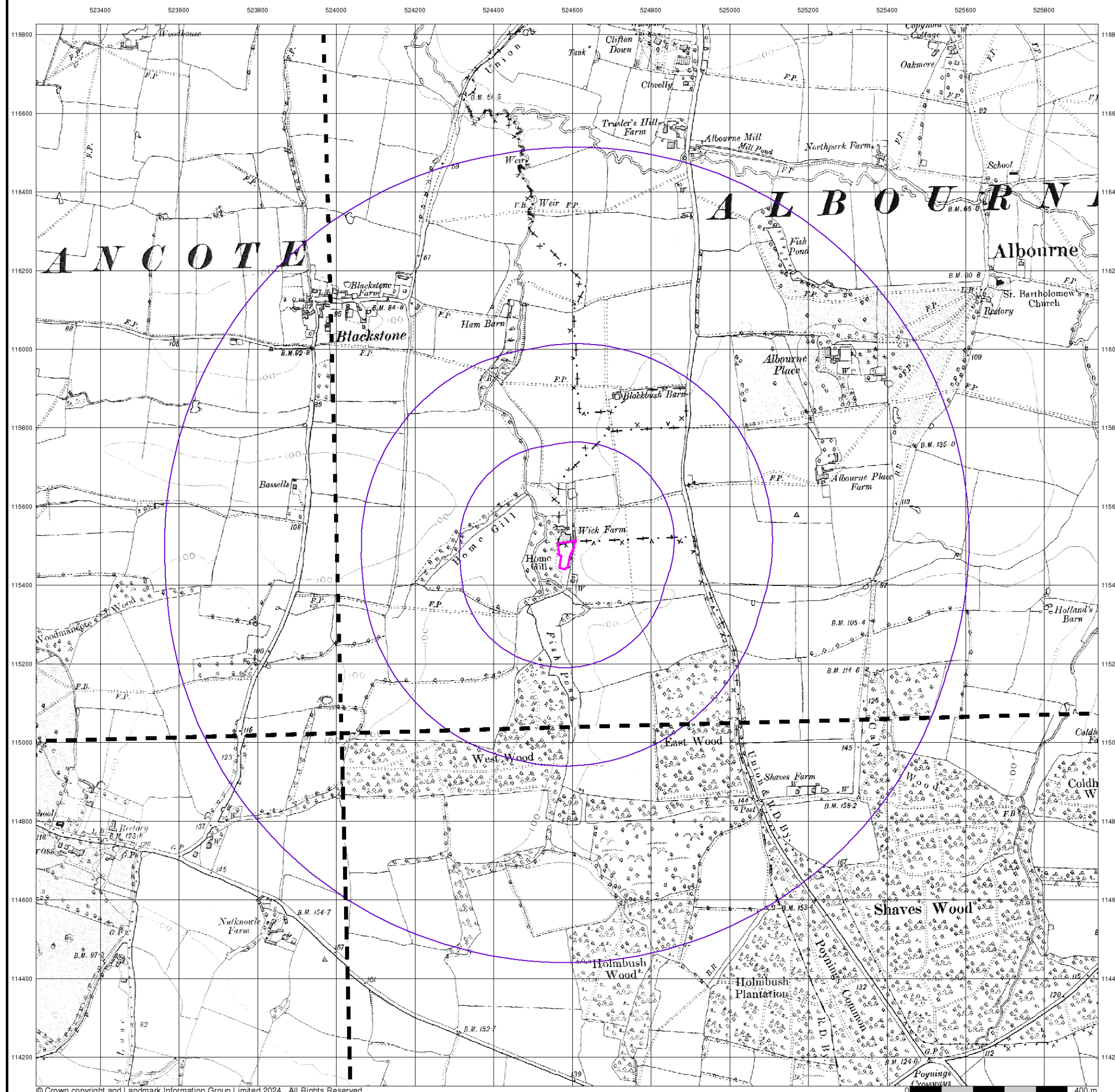


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



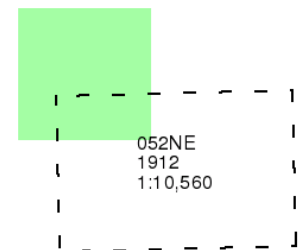
Sussex

Published 1912

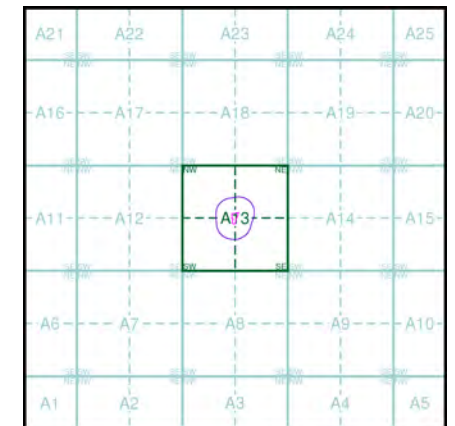
Source map scale - 1:10,560

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: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

Historical Aerial Photography

Published 1947 - 1951

Source map scale - 1:10,560

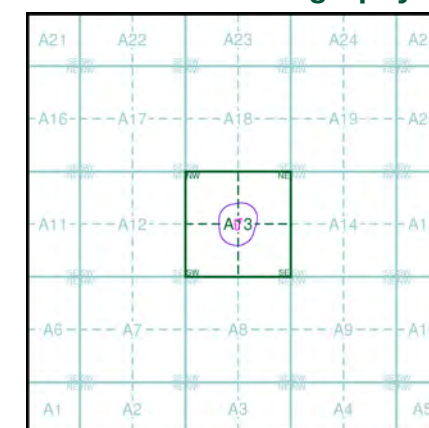
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)

TQ21NW 1947 1:10,560	TQ21NE 1947 1:10,560
TQ21SW 1951 1:10,560	TQ21SE 1947 1:10,560

Historical Aerial Photography - Slice A

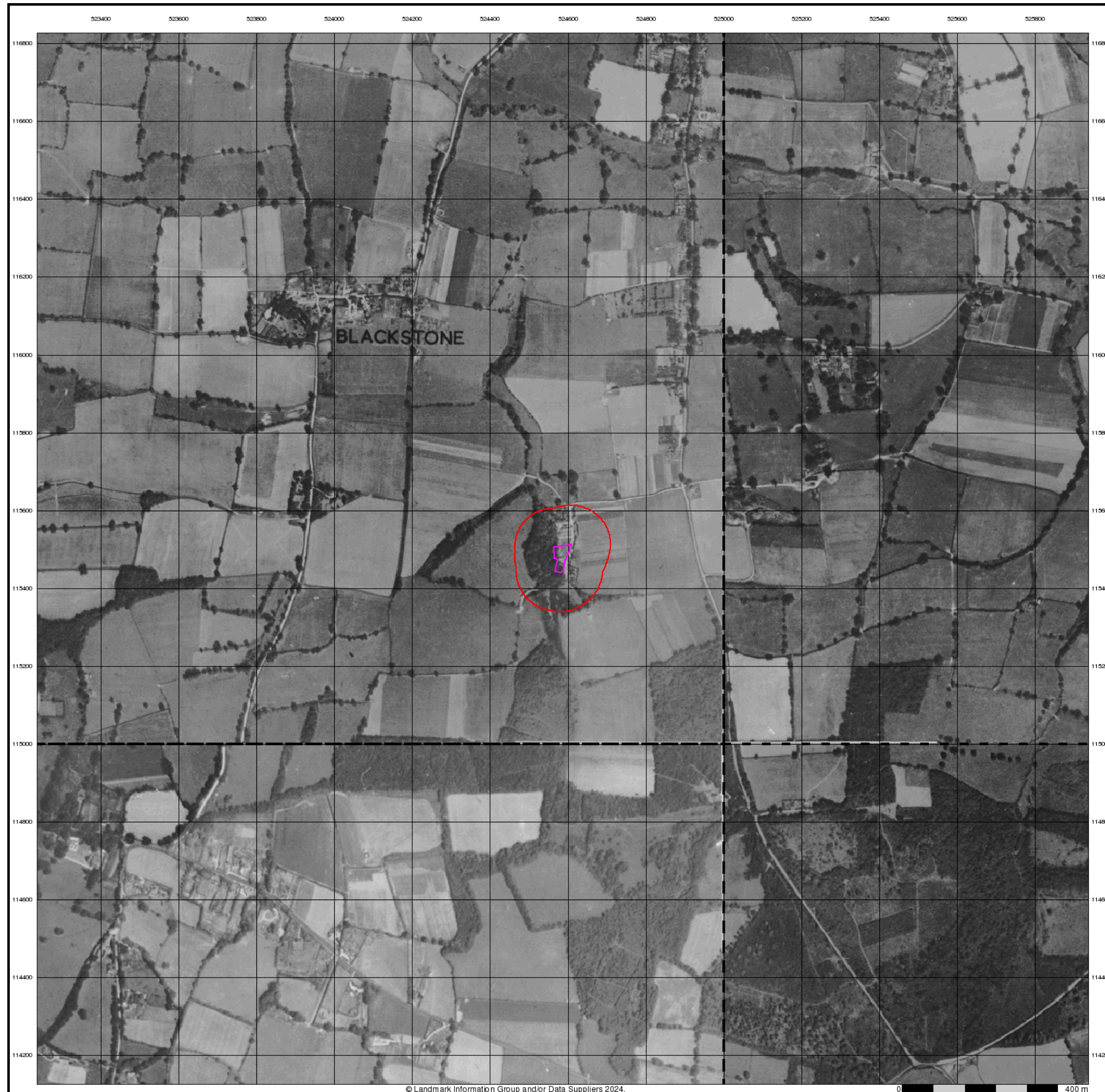


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



Historical Aerial Photography

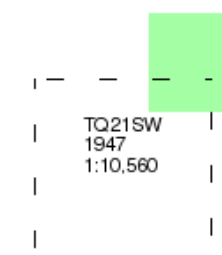
Published 1947

Source map scale - 1:10,560

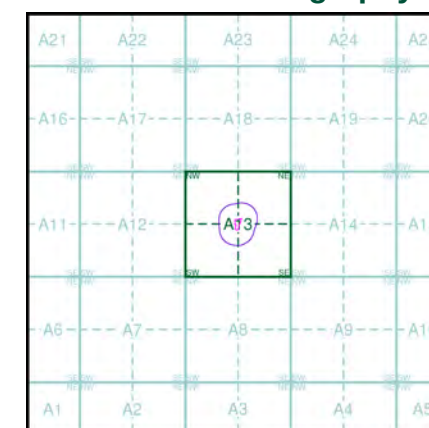
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A

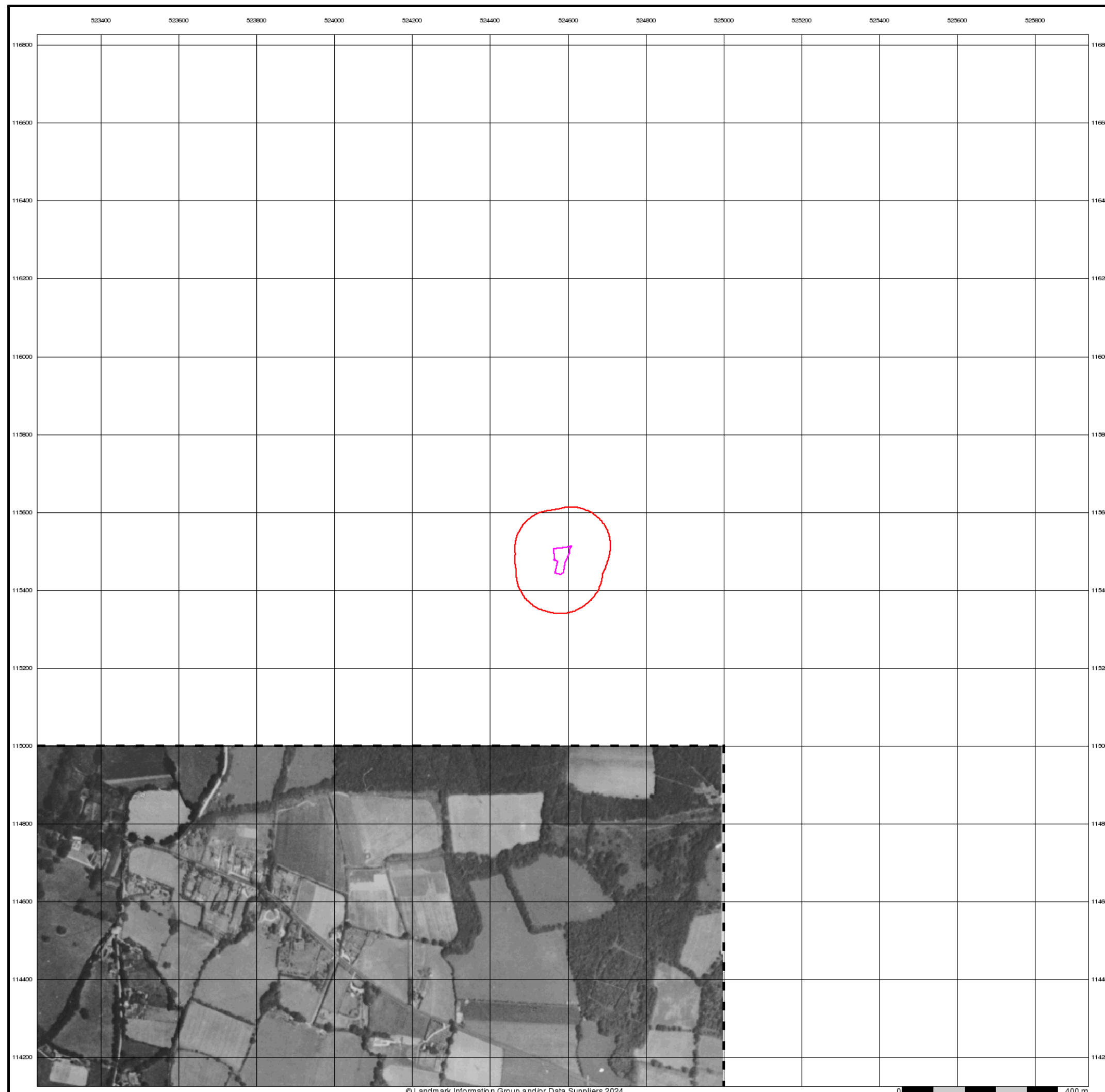


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



Sussex

Published 1951 - 1952

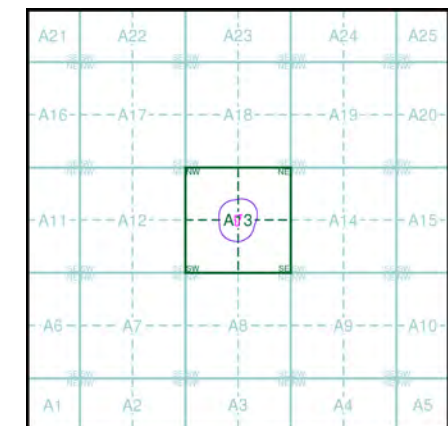
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

038SW 1951 1:10,560	038SE 1952 1:10,560
	052NE 1952 1:10,560

Historical Map - Slice A

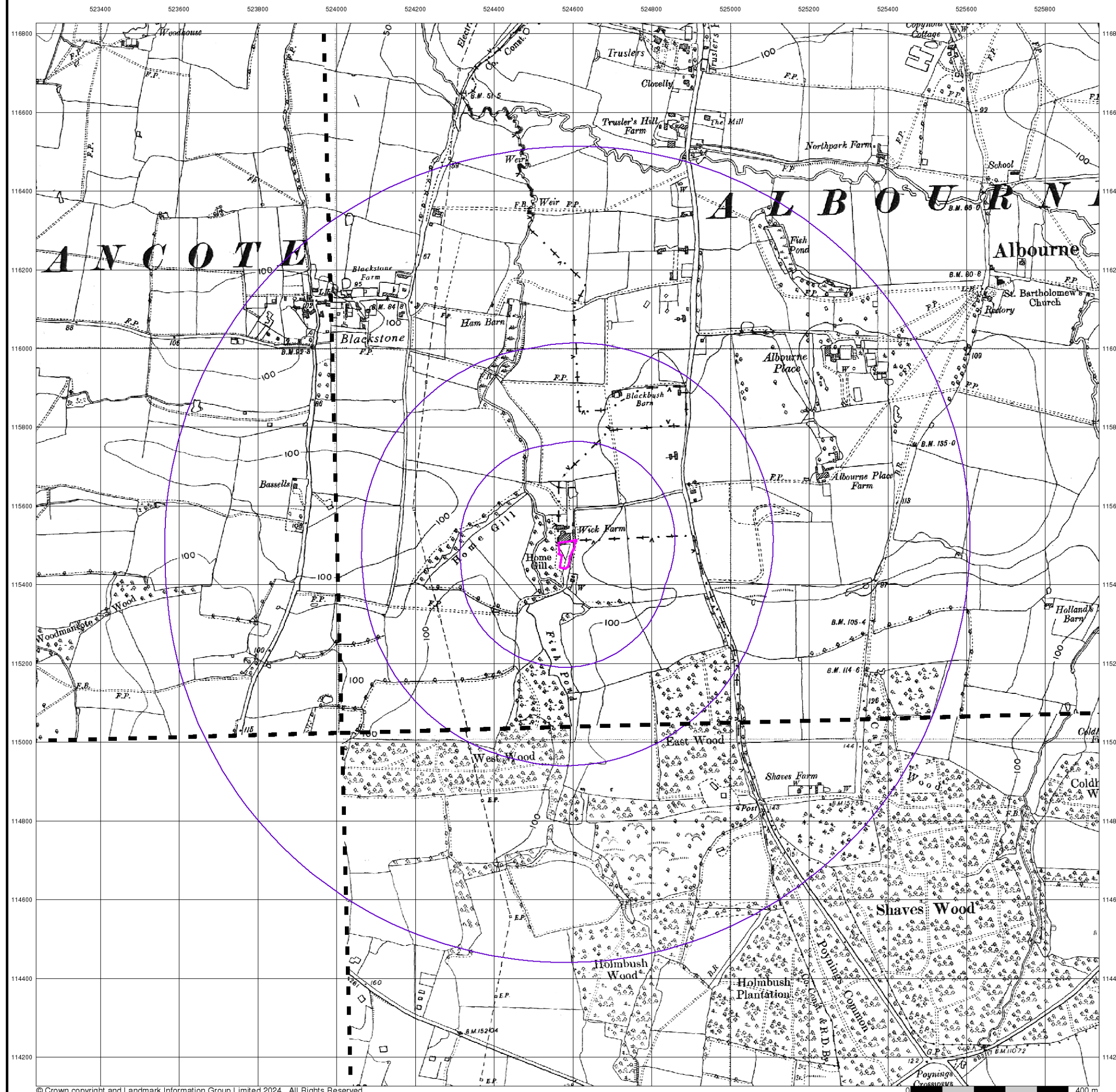


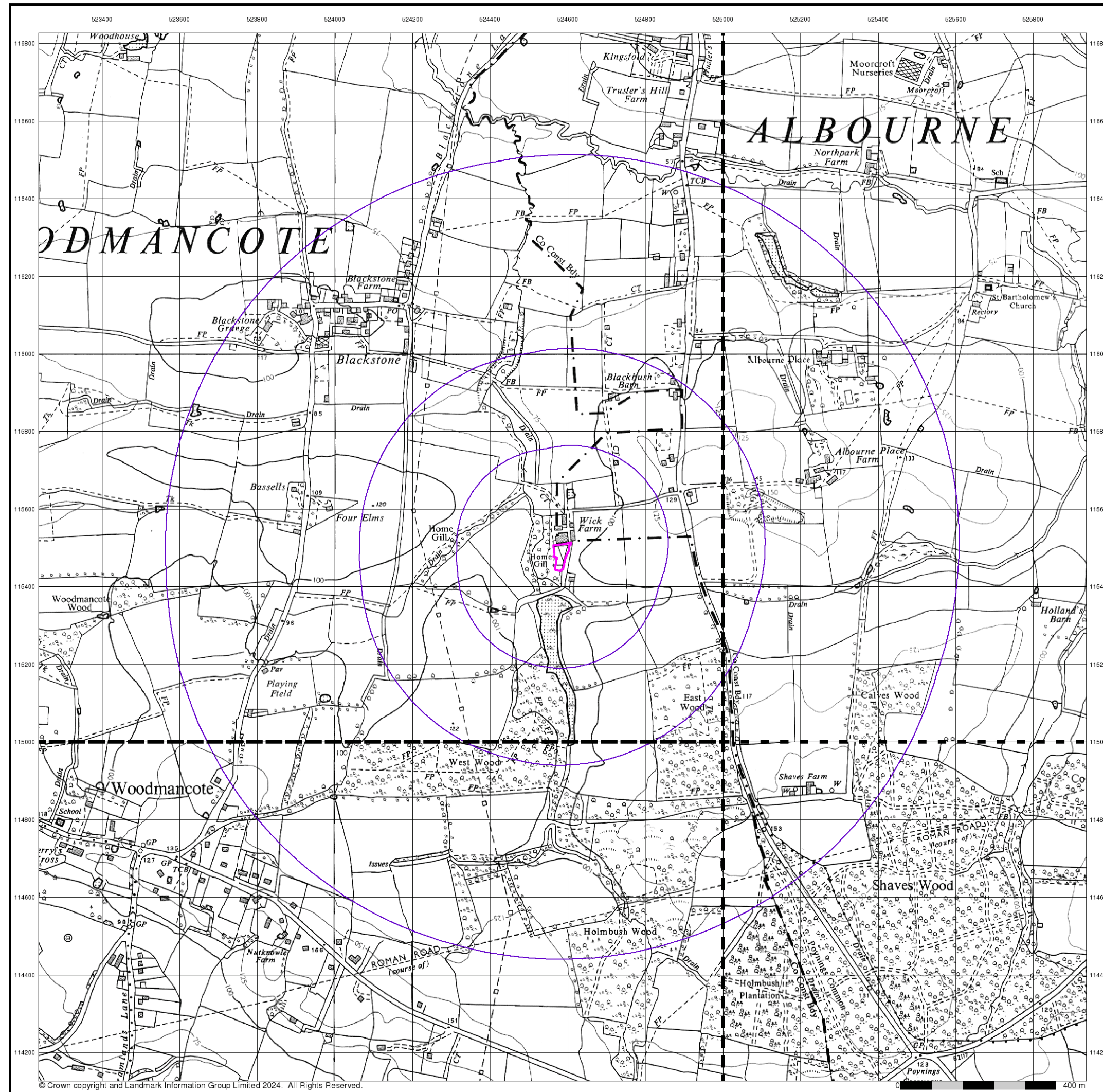
Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU





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Ordnance Survey Plan

Published 1962 - 1963

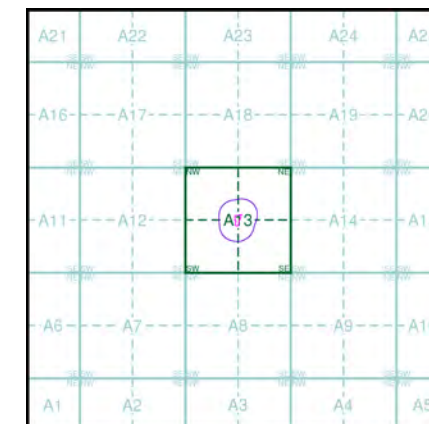
Source map scale - 1:10,000

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)

TQ21NW	TQ21NE
1963	1963
1:10,560	1:10,560
TQ21SW	TQ21SE
1962	1962
1:10,560	1:10,560

Historical Map - Slice A



Order Details

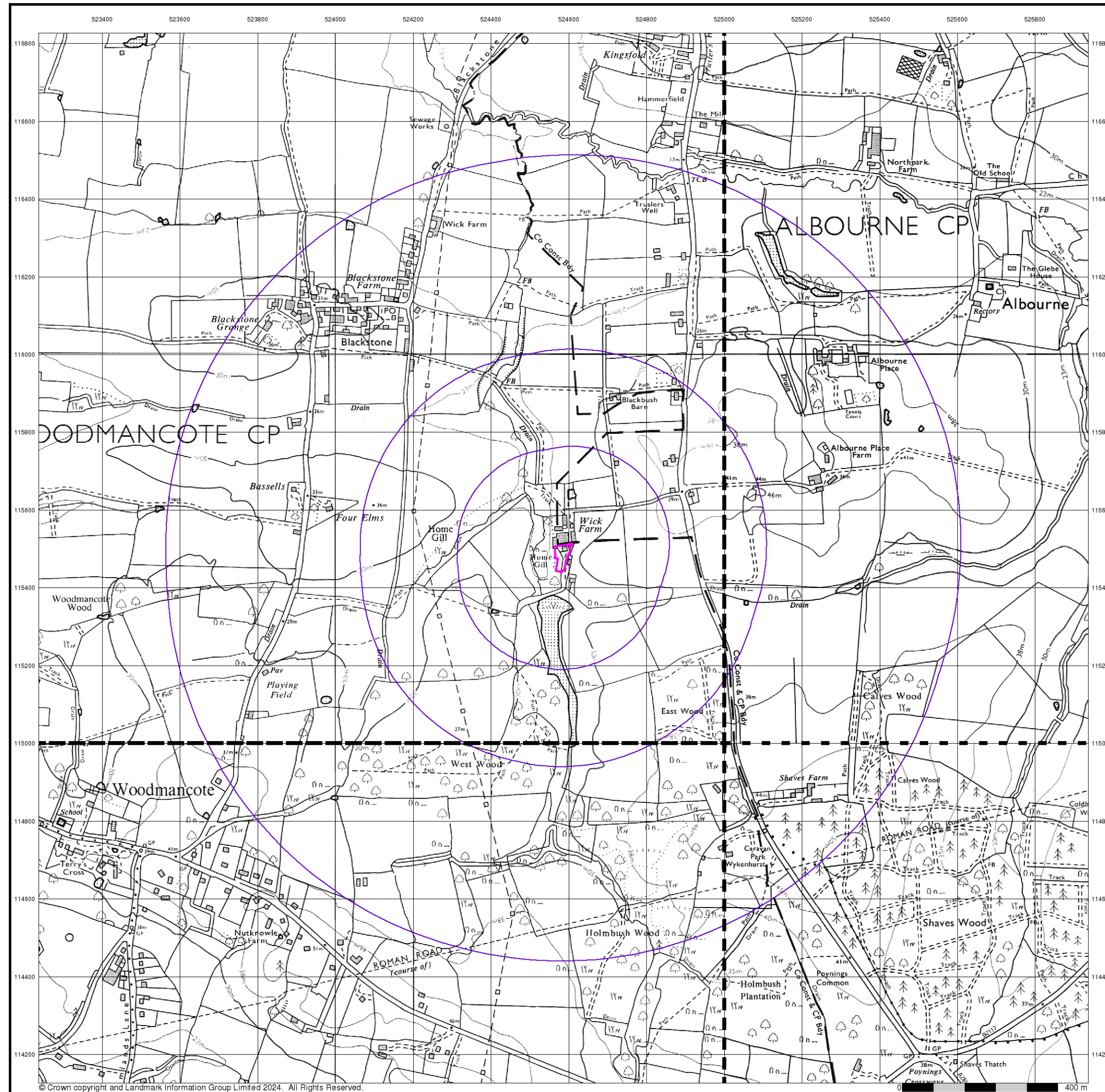
Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



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



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Ordnance Survey Plan

Published 1974 - 1979

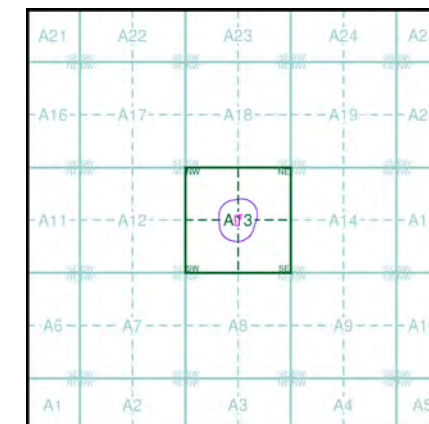
Source map scale - 1:10,000

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)

TQ21NW	TQ21NE
1974	1976
1:10,000	1:10,000
TQ21SW	TQ21SE
1976	1979
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



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

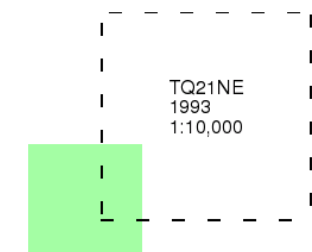
Ordnance Survey Plan

Published 1993

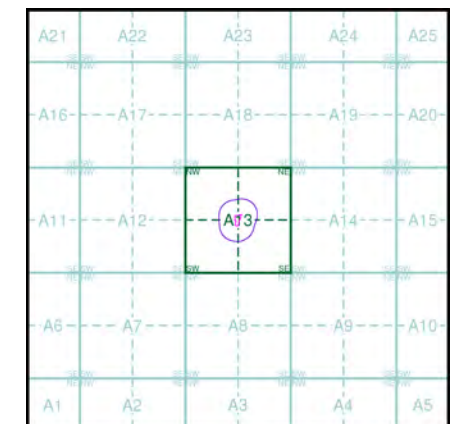
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

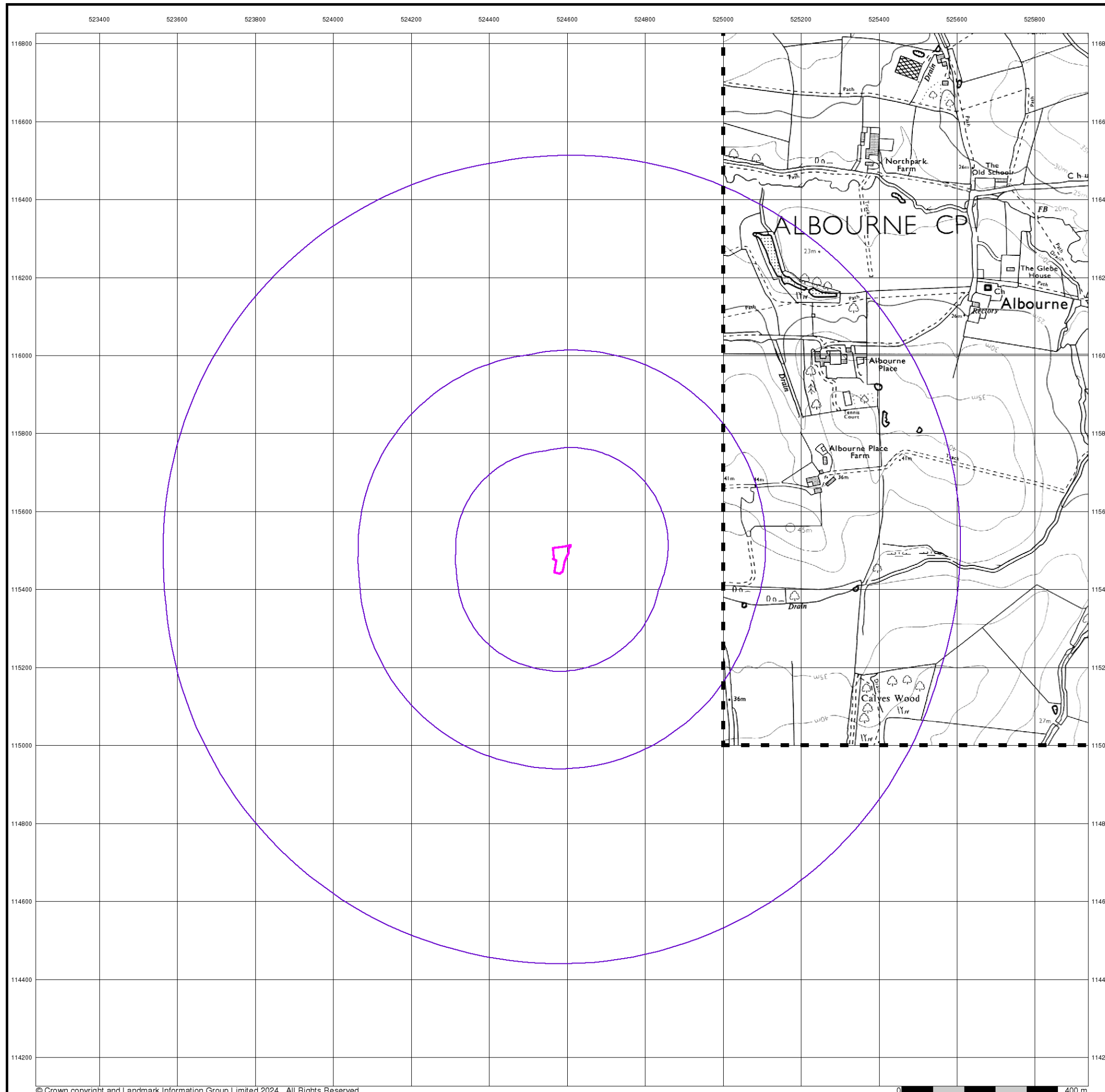


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



10k Raster Mapping

Published 2000

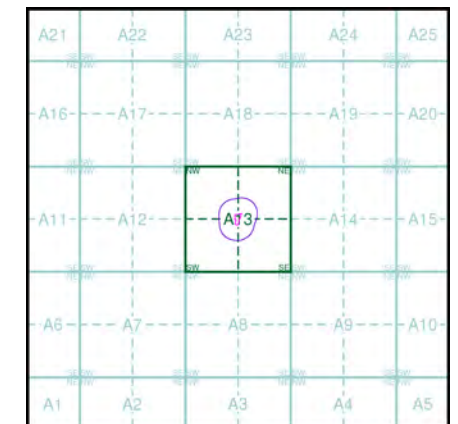
Source map scale - 1:10,000

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)

TQ21NW	TQ21NE
2000	2000
1:10,000	1:10,000
I	
TQ21SW	TQ21SE
2000	2000
1:10,000	1:10,000

Historical Map - Slice A

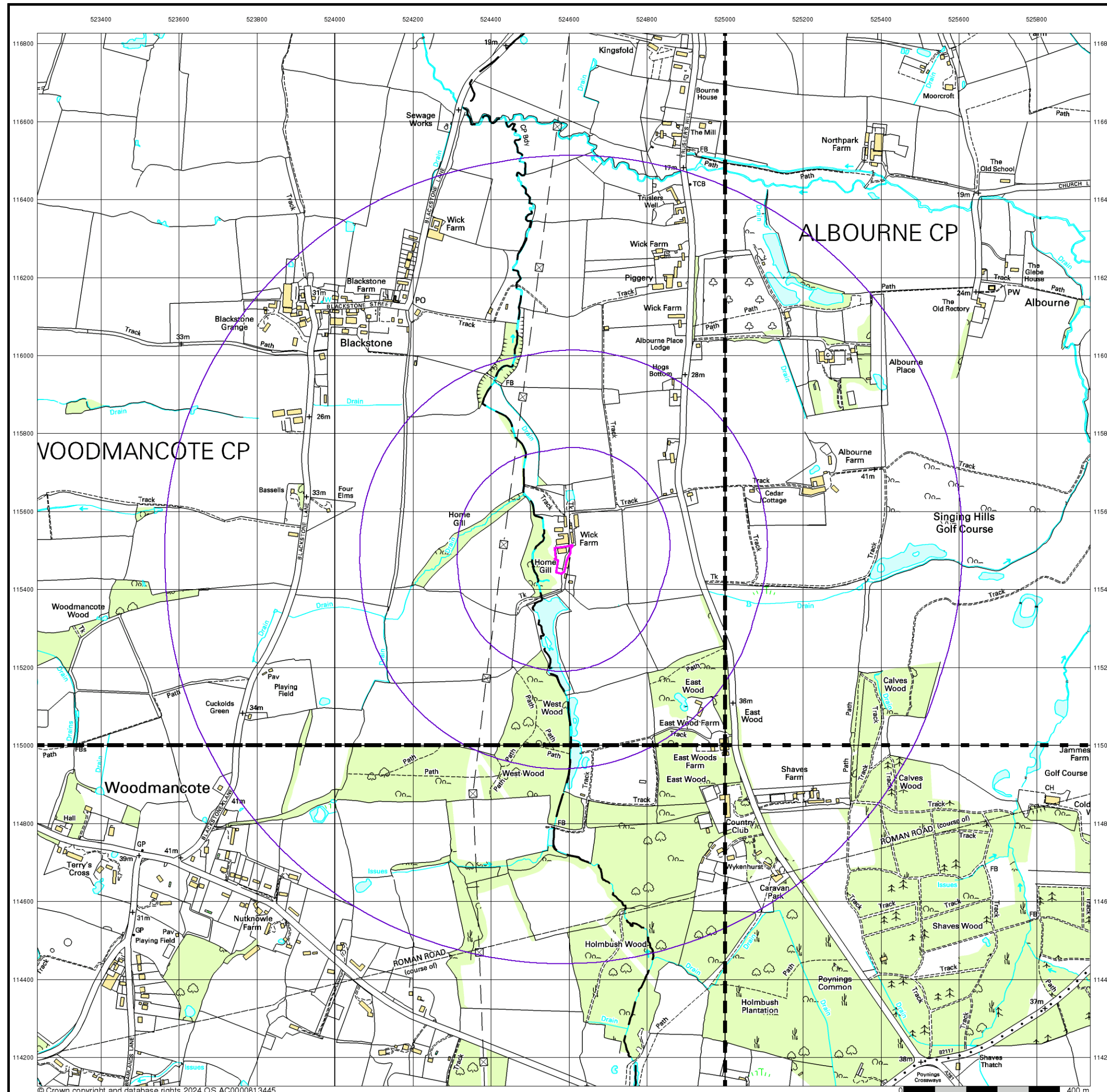


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



10k Raster Mapping

Published 2006

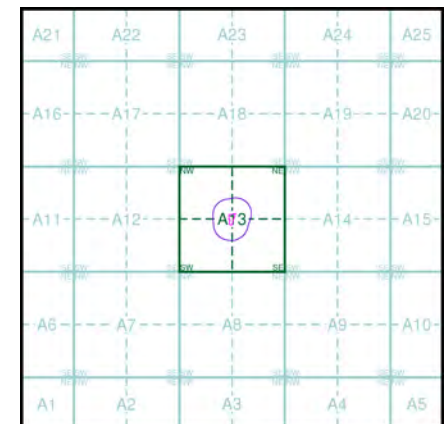
Source map scale - 1:10,000

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)

TQ21NW	TQ21NE
2006	2006
1:10,000	1:10,000
I	
TQ21SW	TQ21SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A

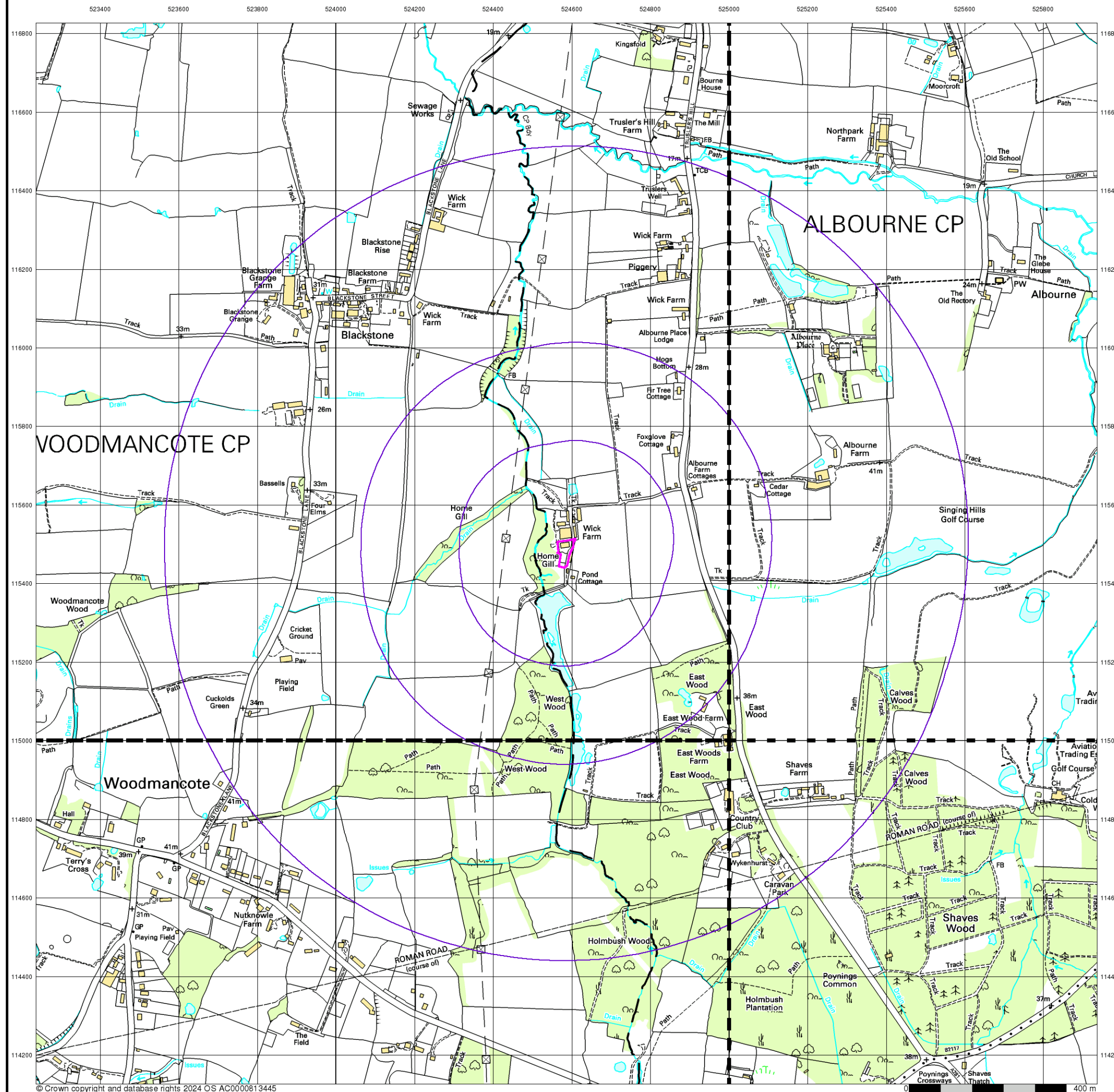


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



VectorMap Local

Published 2024

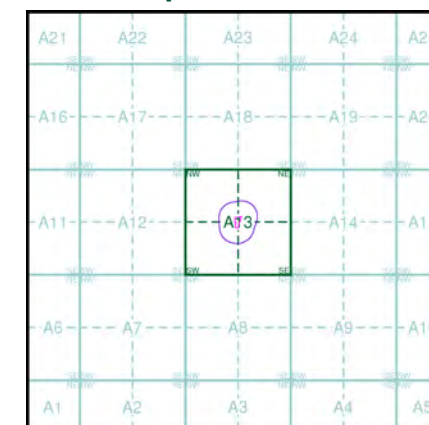
Source map scale - 1:10,000

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)

TQ21NW	TQ21NE
2024	2024
Variable	Variable
TQ21SW	TQ21SE
2024	2024
Variable	Variable

Historical Map - Slice A

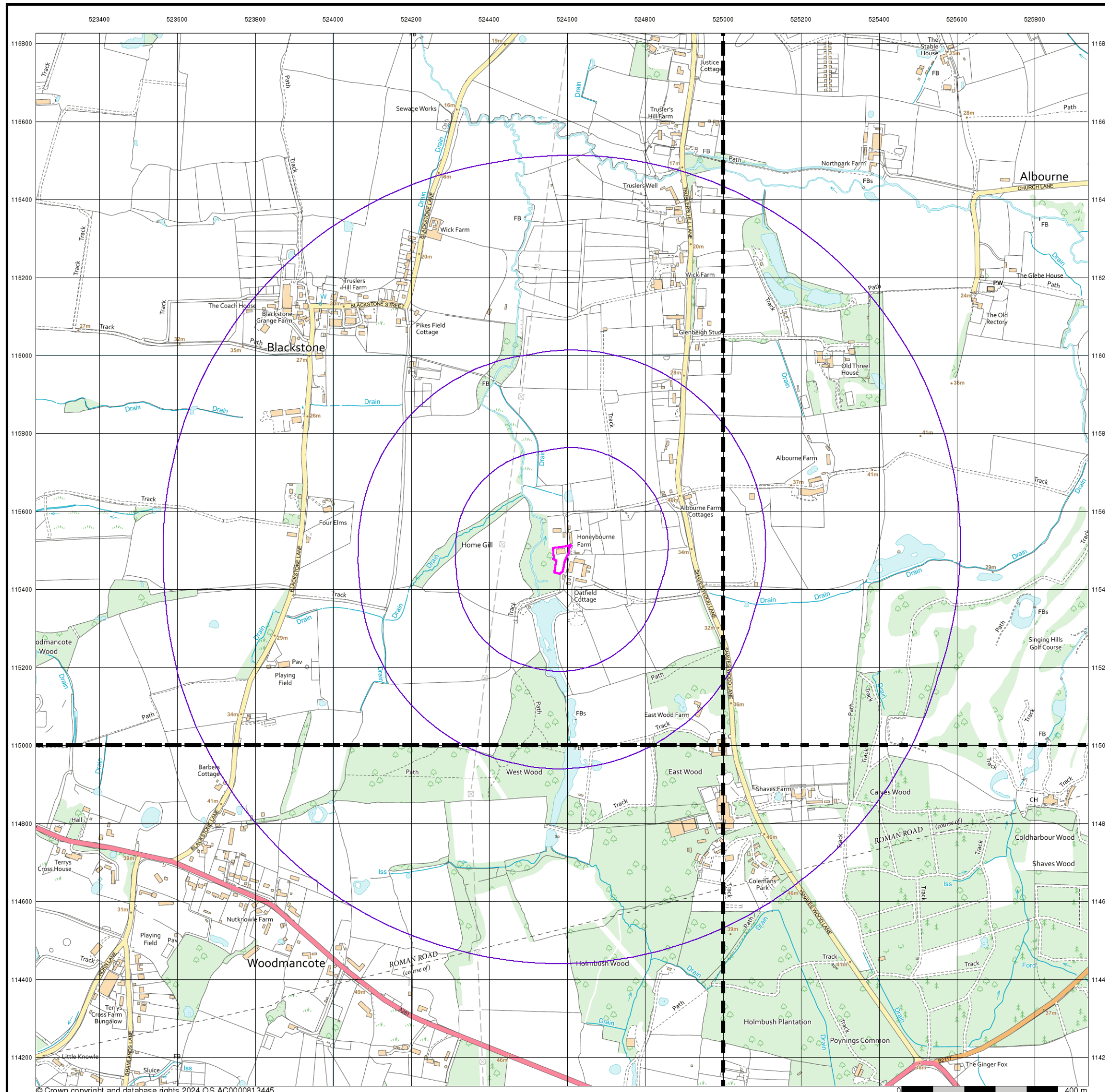


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



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
----- County Borough Boundary (England)
----- Co. Boro. Bdy.
----- County Burgh Boundary (Scotland)

<i>B.P.</i>	Boundary Post or Stone	<i>P.C.B.</i>	Police Call Box
<i>B.R.</i>	Bridle Road	<i>P.</i>	Pump
<i>E.P.</i>	Electricity Pylon	<i>S.P.</i>	Signal Post
<i>F.B.</i>	Foot Bridge	<i>SL</i>	Sluice
<i>F.P.</i>	Foot Path	<i>Sp.</i>	Spring
<i>G.P.</i>	Guide Post or Board	<i>T.C.B.</i>	Telephone Call Box
<i>M.S.</i>	Mile Stone	<i>Tr.</i>	Trough
<i>M.P.</i>	Mooring Post or Ring	<i>W</i>	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
EI P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



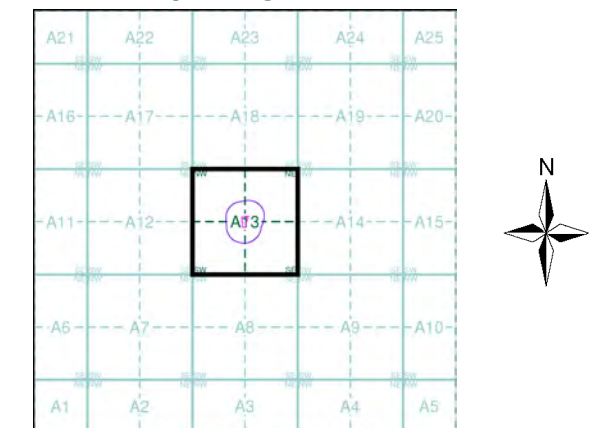
..... Civil parish/community boundary
----- District boundary
- - - - - County boundary
o Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

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
EI P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
EI Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governor	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1874	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1910	4
Sussex	1:2,500	1938	5
Ordnance Survey Plan	1:2,500	1956	6
Supply of Unpublished Survey Information	1:2,500	1974	7
Ordnance Survey Plan	1:2,500	1977	8
Large-Scale National Grid Data	1:2,500	1994	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment A13

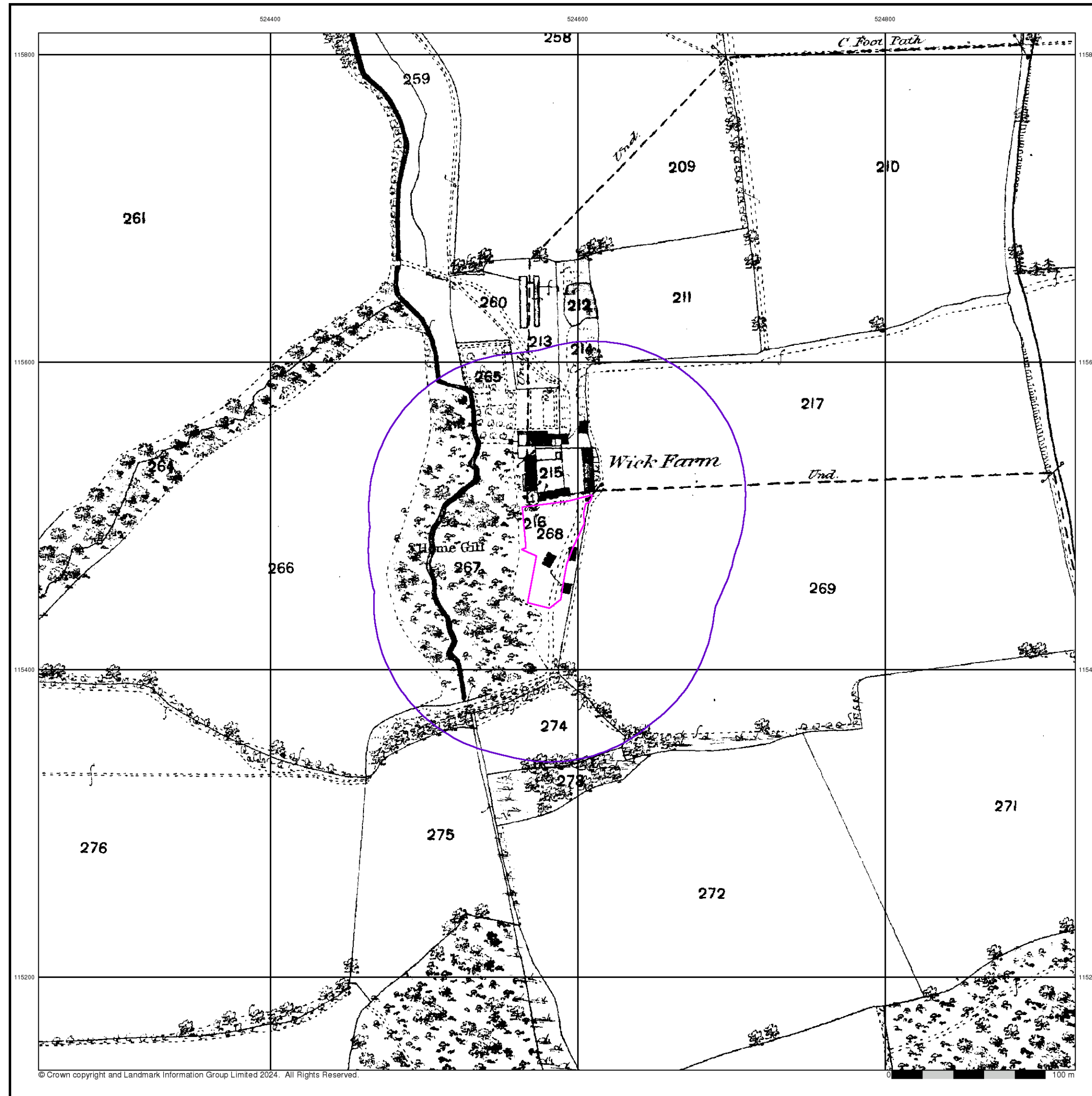


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



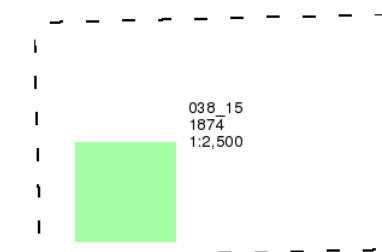
Sussex

Published 1874

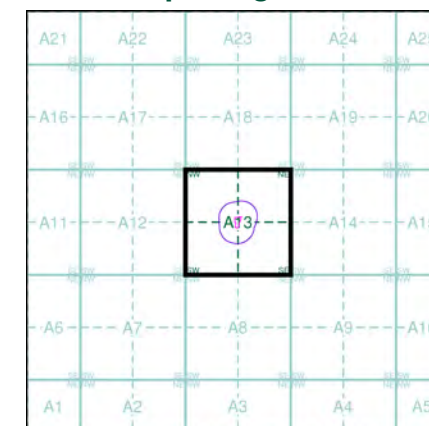
Source map scale - 1:2,500

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

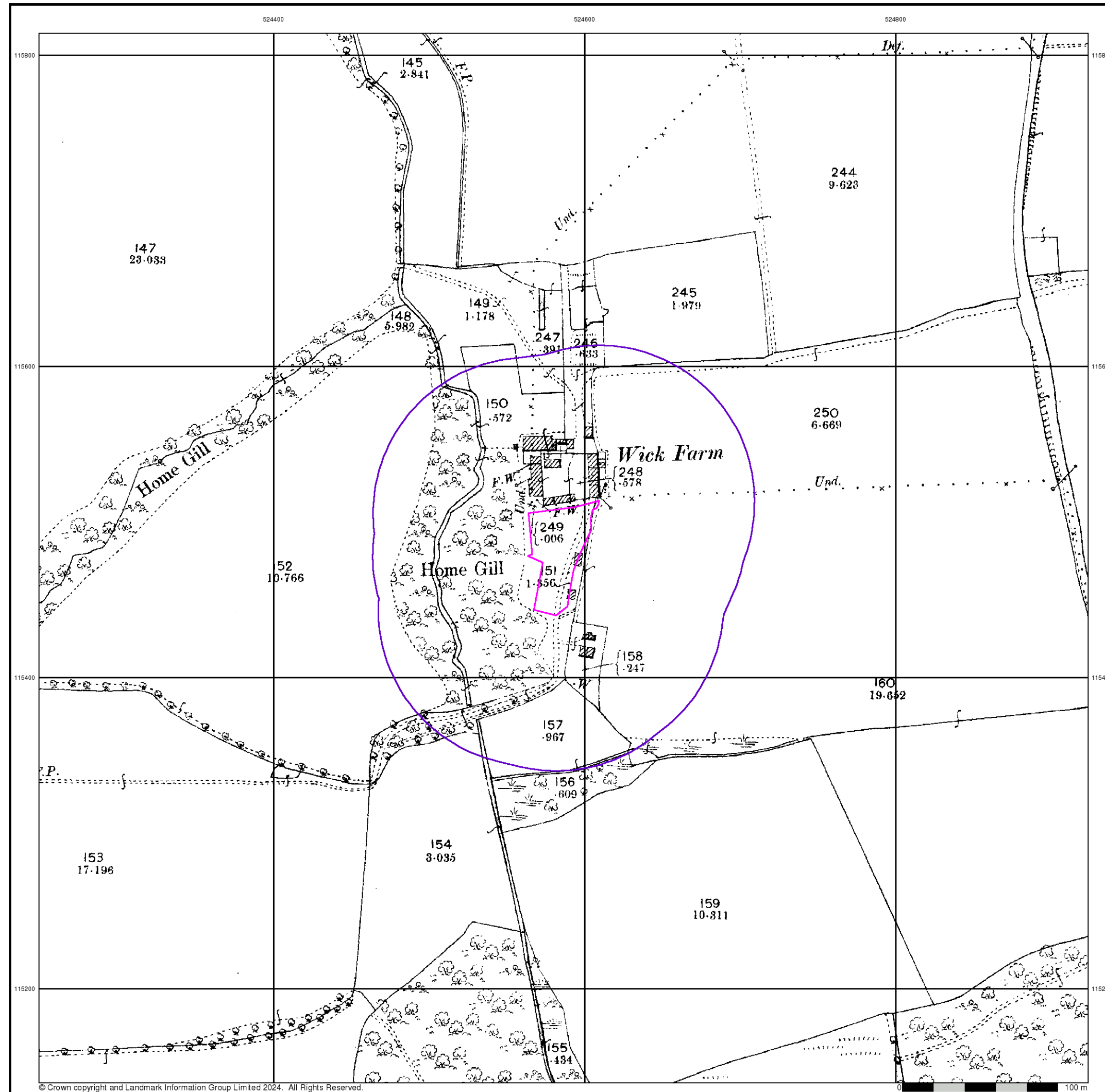


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



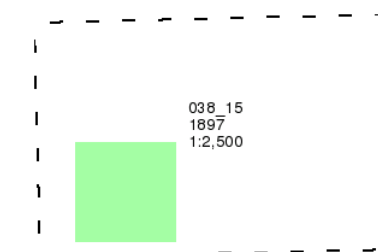
Sussex

Published 1897

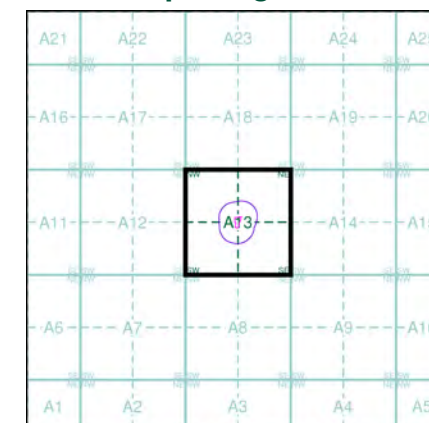
Source map scale - 1:2,500

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

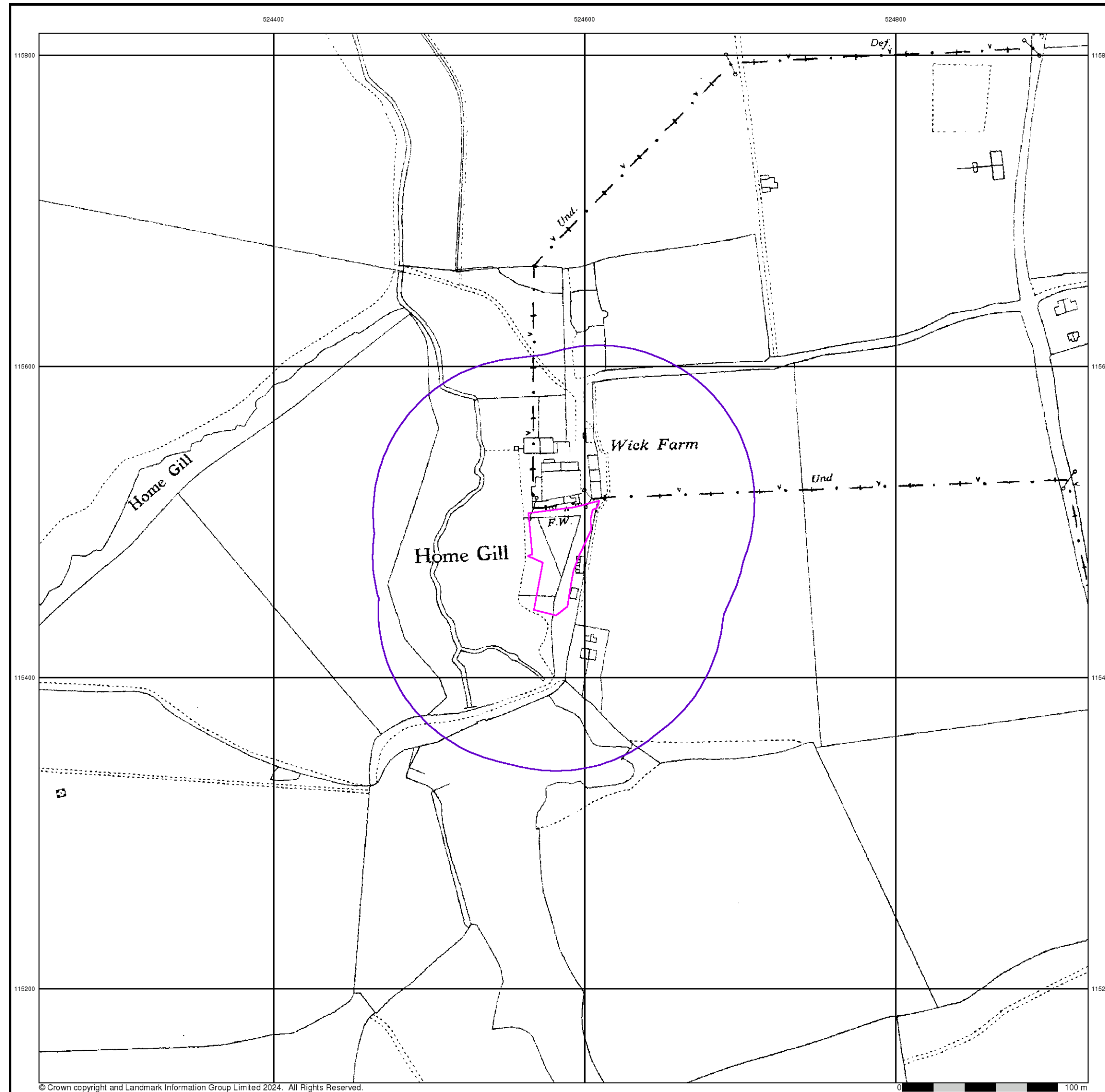


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



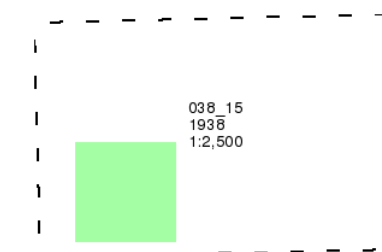
Sussex

Published 1938

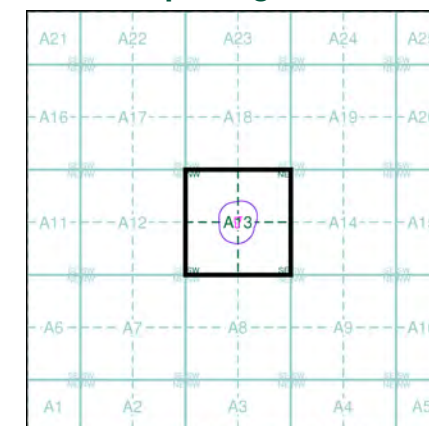
Source map scale - 1:2,500

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

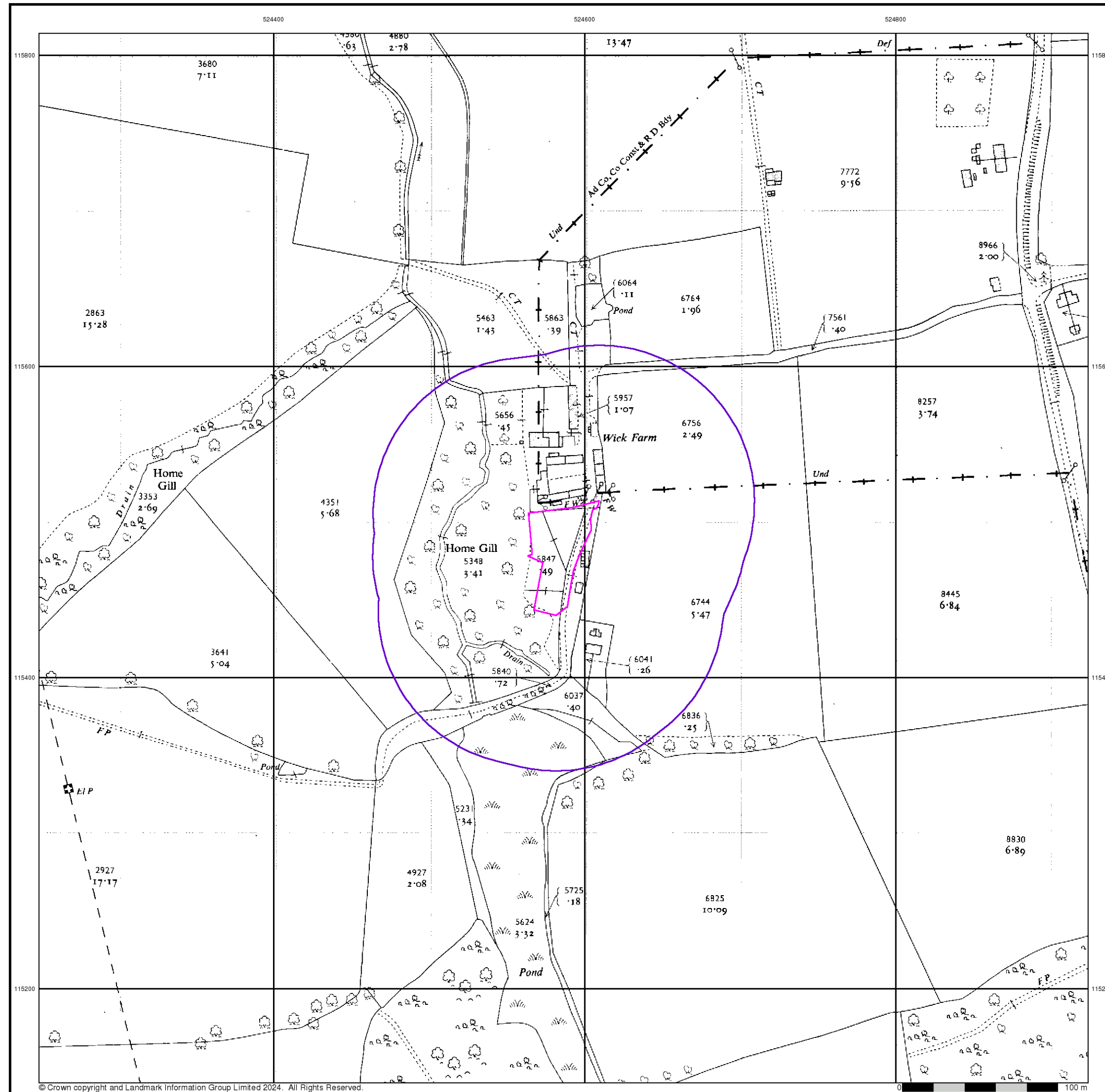


Order Details

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Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



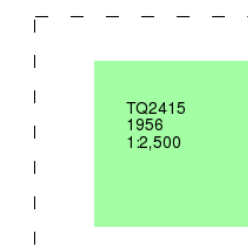
Ordnance Survey Plan

Published 1956

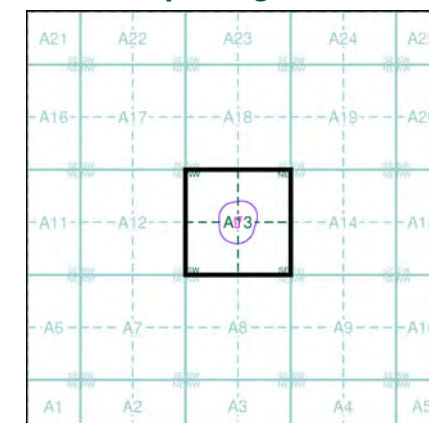
Source map scale - 1:2,500

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

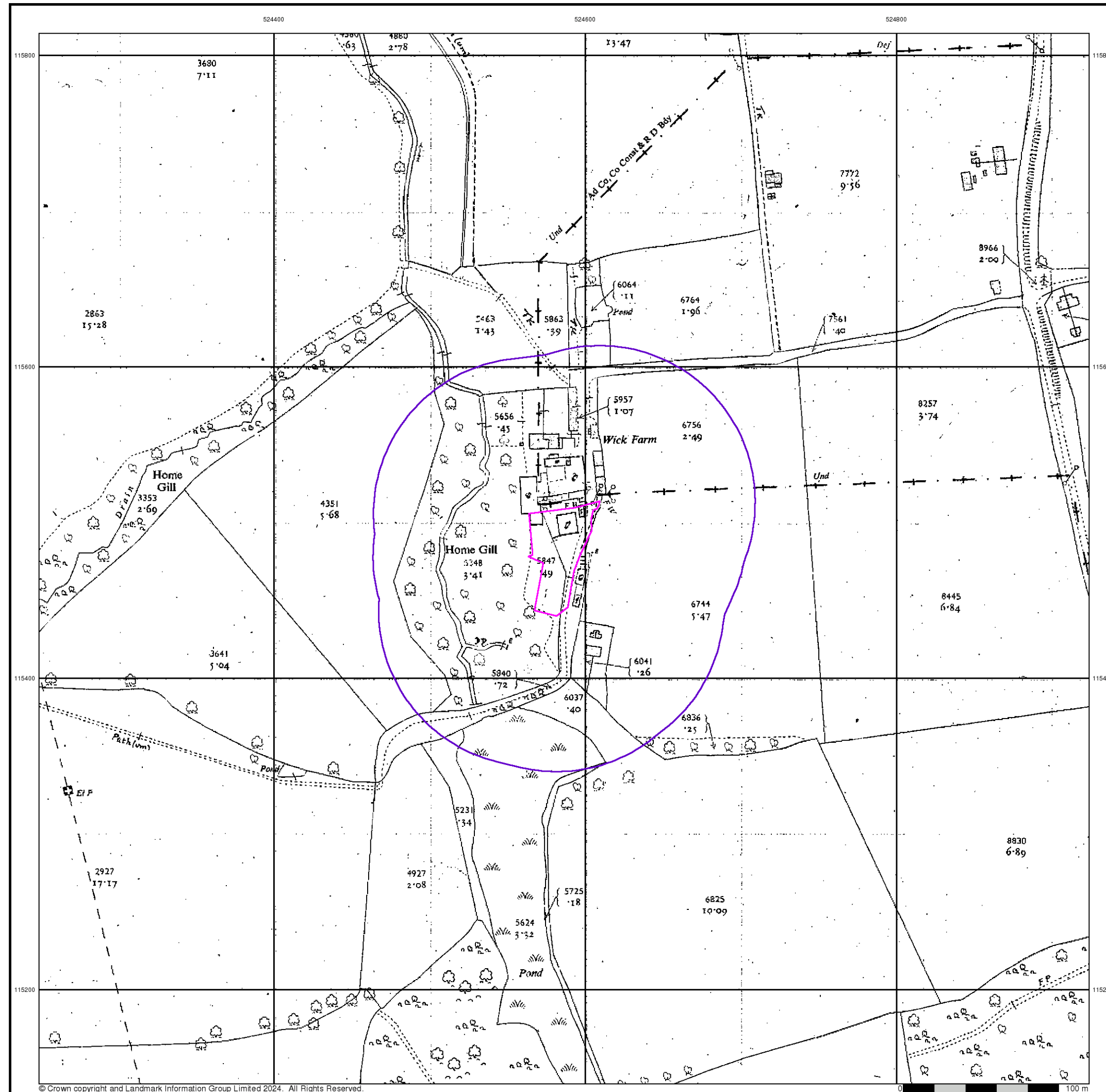


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



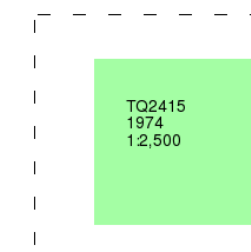
Supply of Unpublished Survey Information

Published 1974

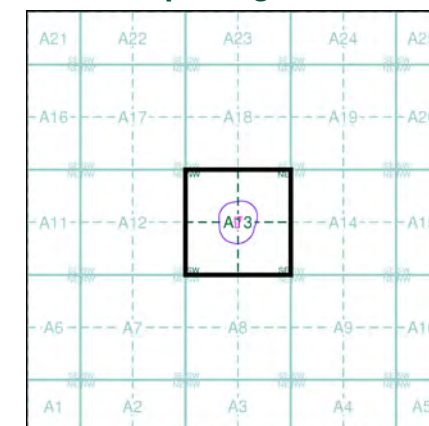
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

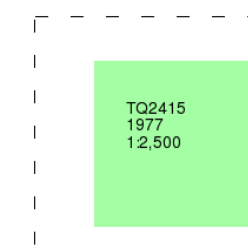
Ordnance Survey Plan

Published 1977

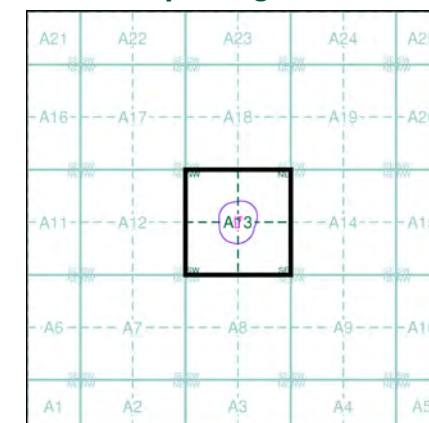
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

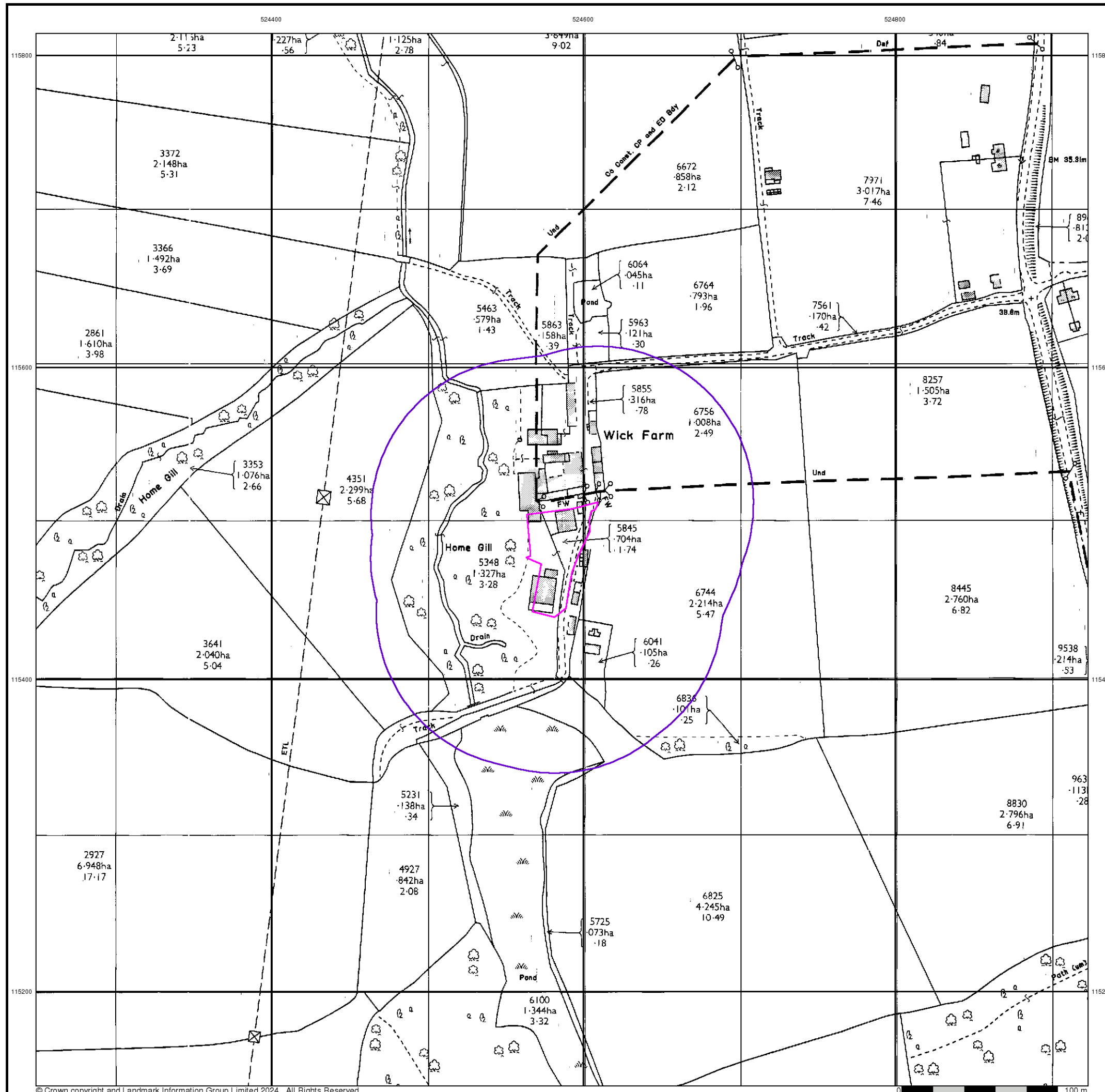


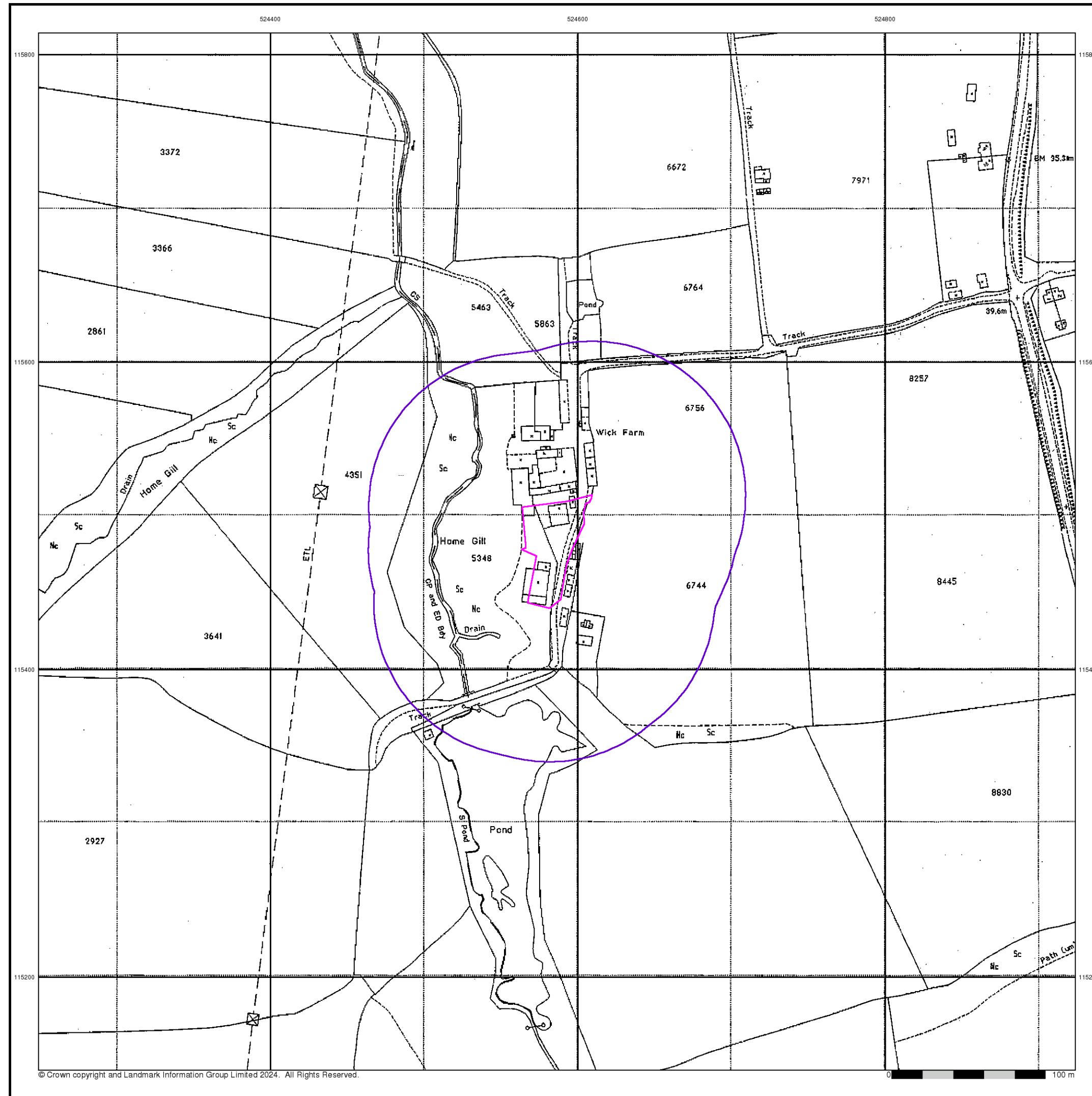
Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU





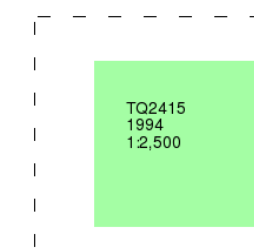
Large-Scale National Grid Data

Published 1994

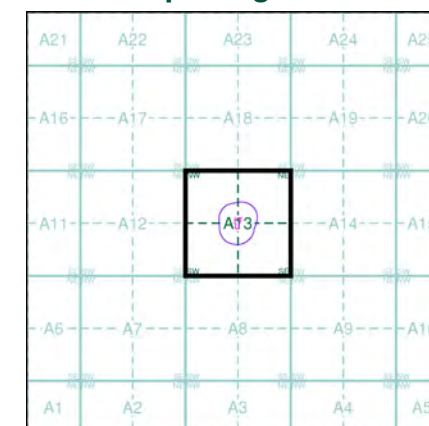
Source map scale - 1:2,500

'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: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



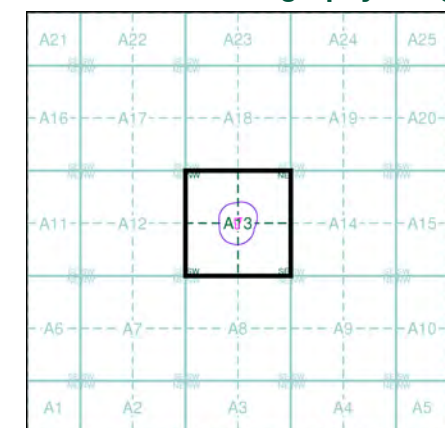
© Copyright Getmapping plc

Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 100

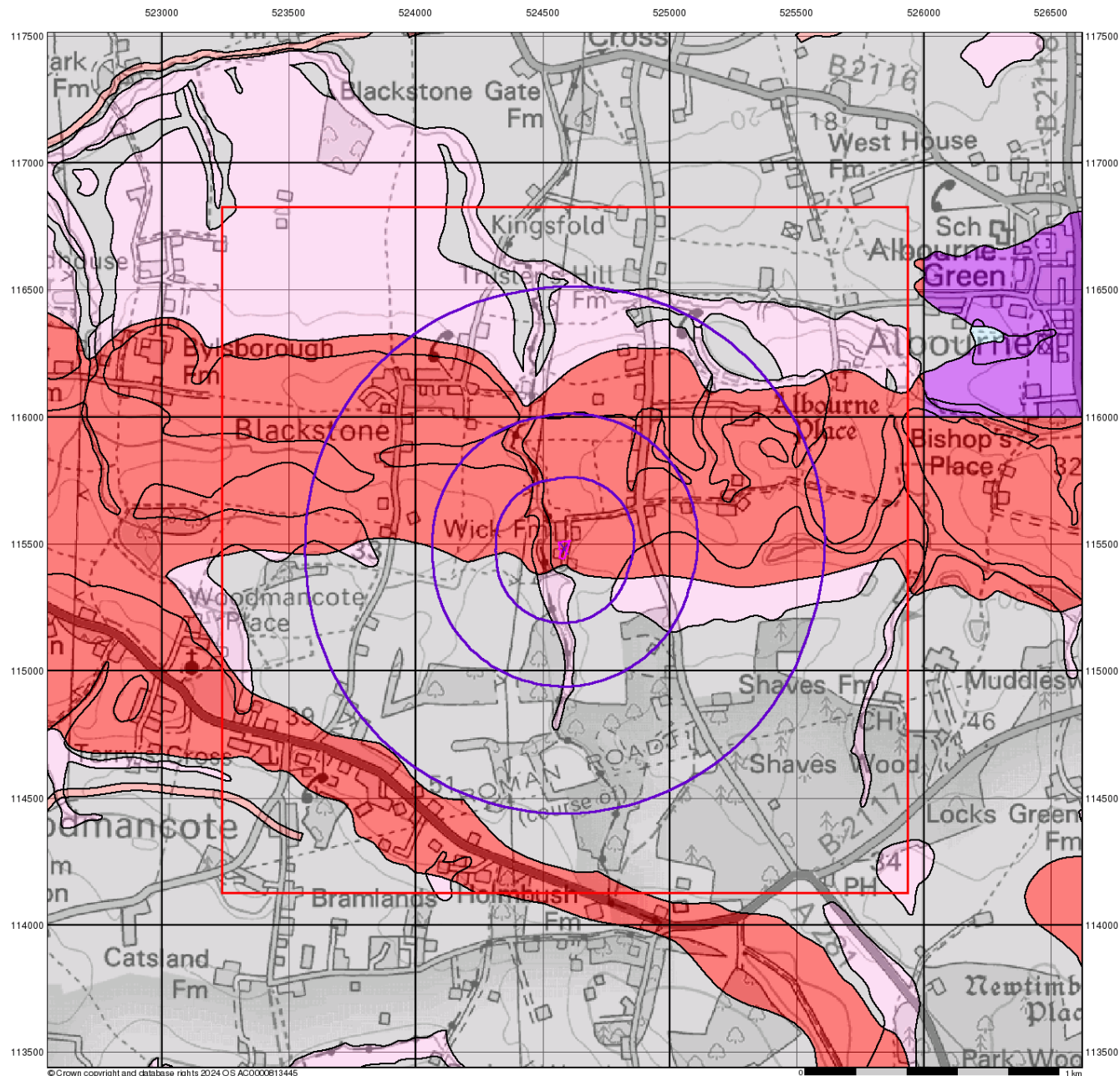
Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

APPENDIX F

Phase 1 Desk Study – Environmental Database Search Results and Mapping





Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

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

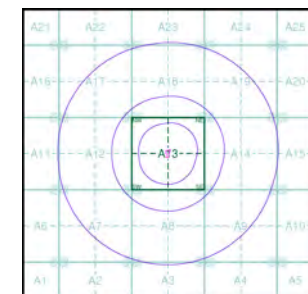
Superficial Aquifers

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

■ Unproductive Aquifer

⋯ Soluble Rock

Site Sensitivity Context Map - Slice A

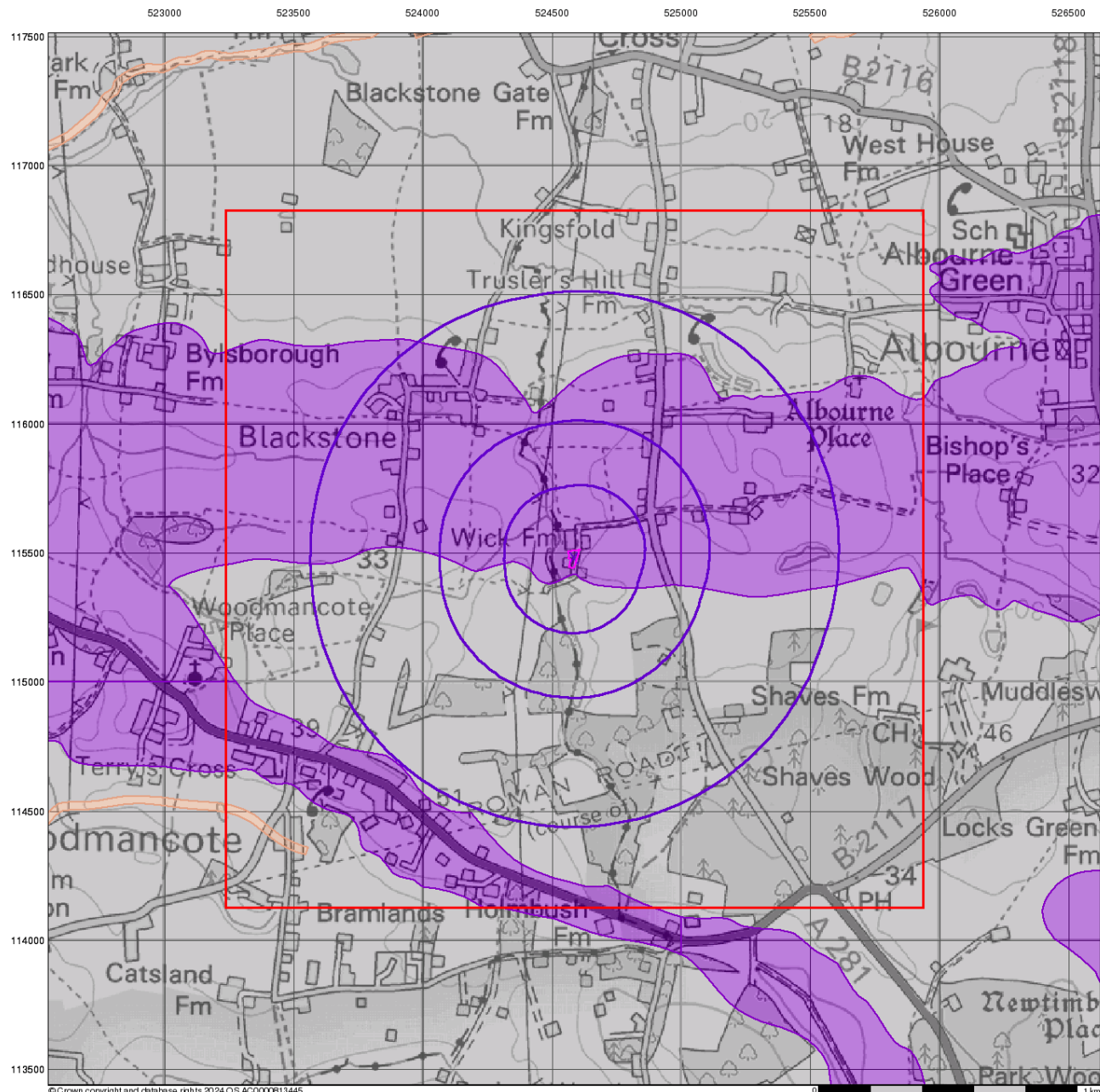


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



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Bedrock Aquifer Designation

General

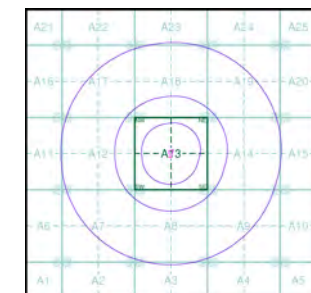
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

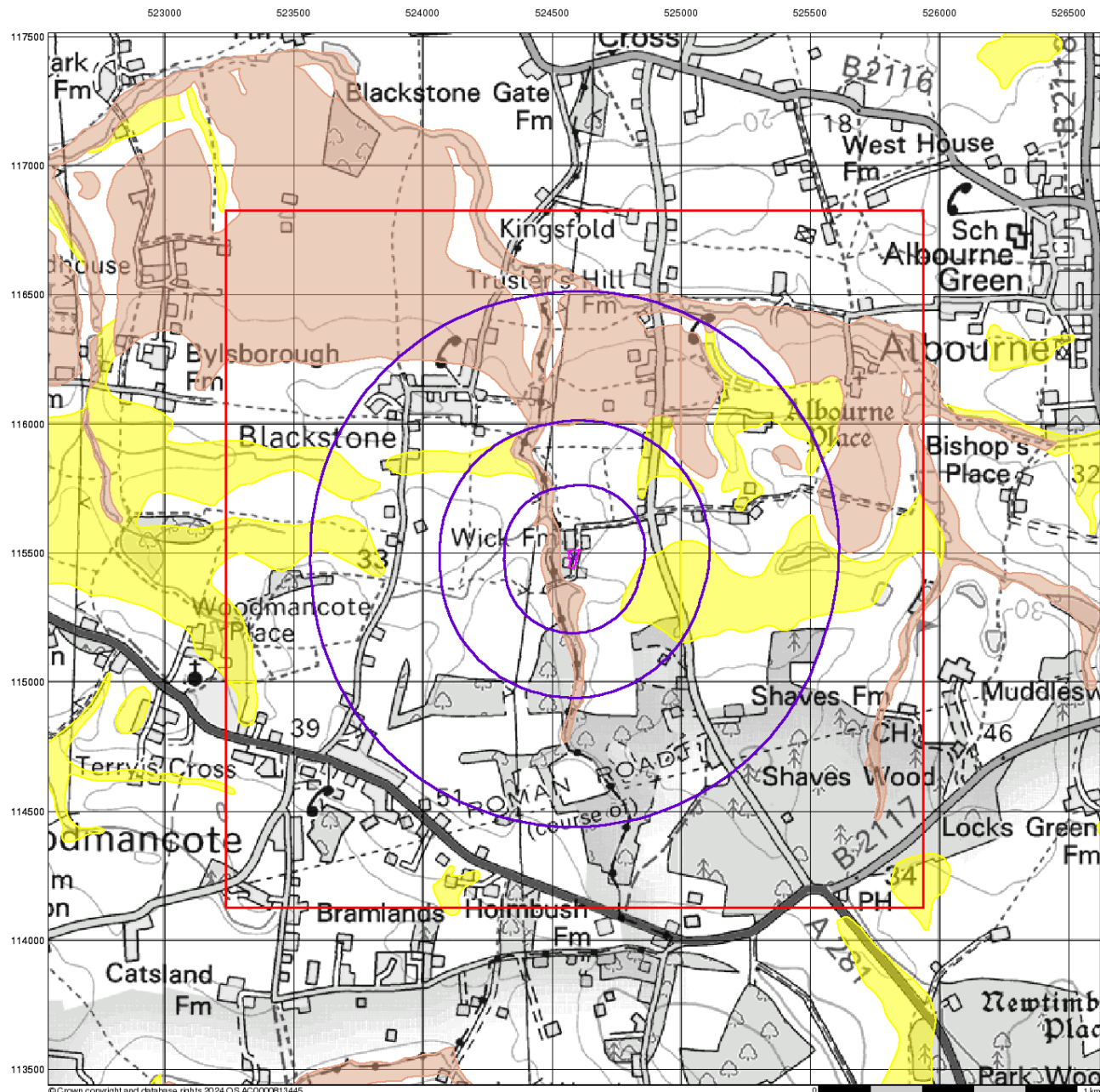


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Trusler's Hill Lane, Albourne, HASSOCKS, BN6 9DU



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Superficial Aquifer Designation

General

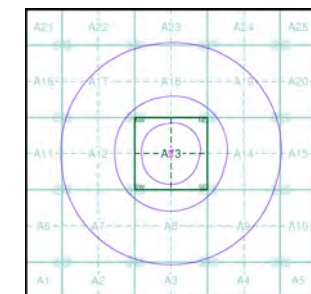
- ◊ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

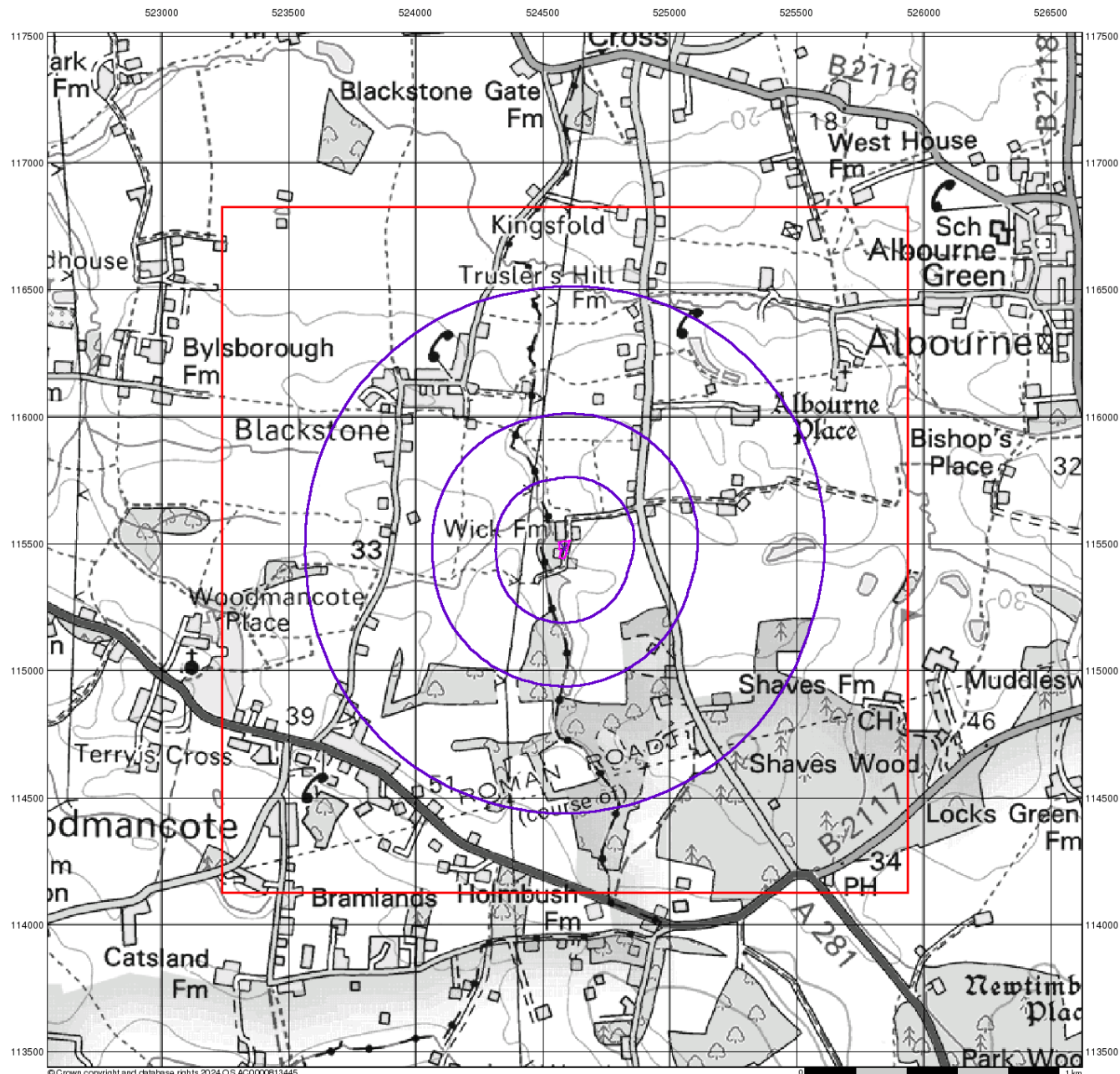


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truster's Hill Lane, Albourne, HASSOCKS, BN6 9DU



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Source Protection Zones

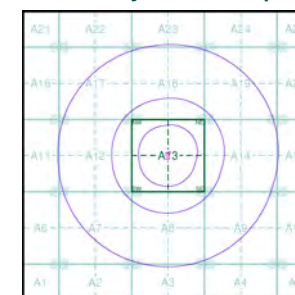
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

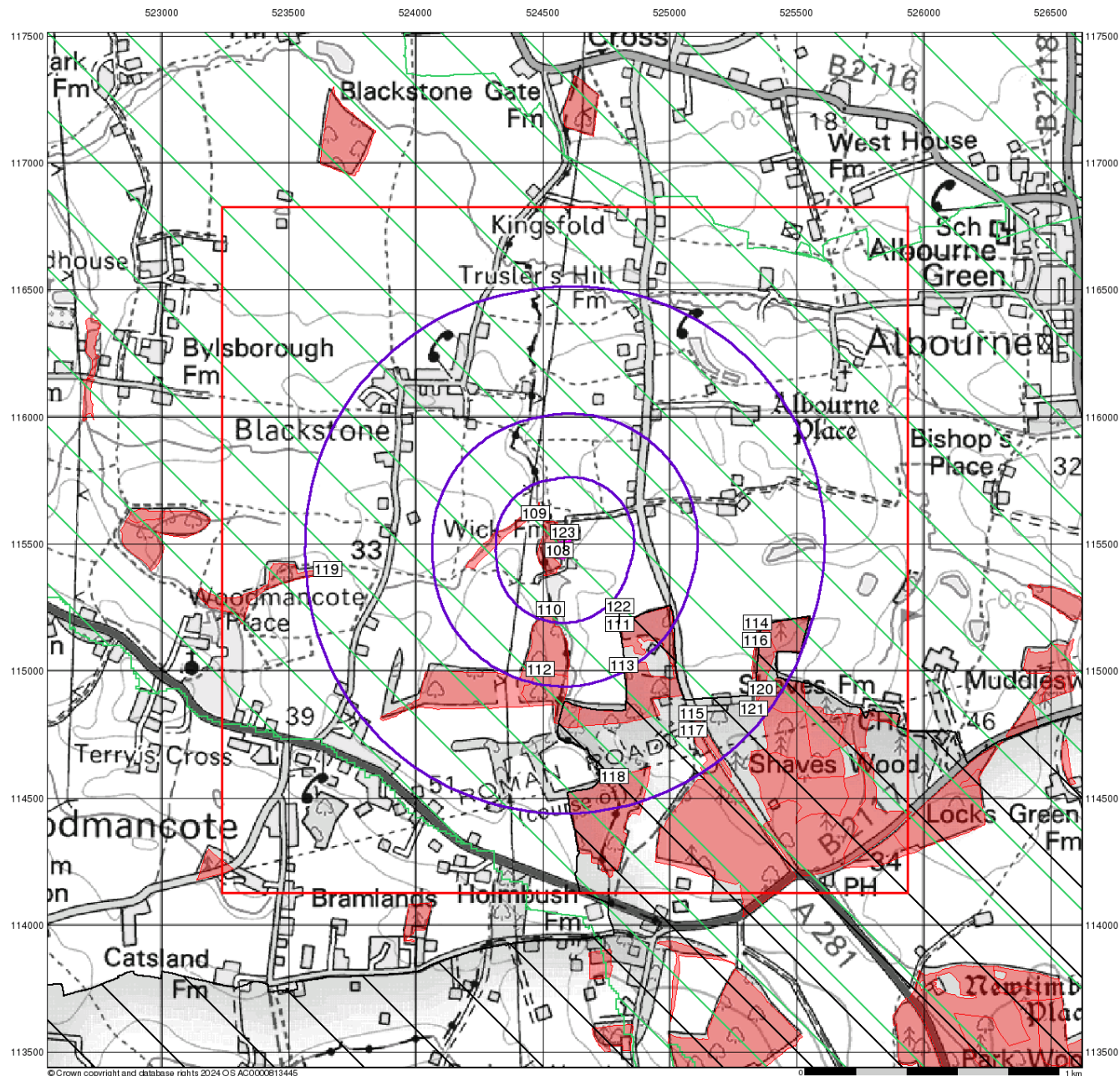


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Trusler's Hill Lane, Albourne, HASSOCKS, BN6 9DU



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Sensitive Land Uses

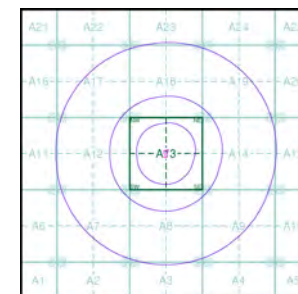
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

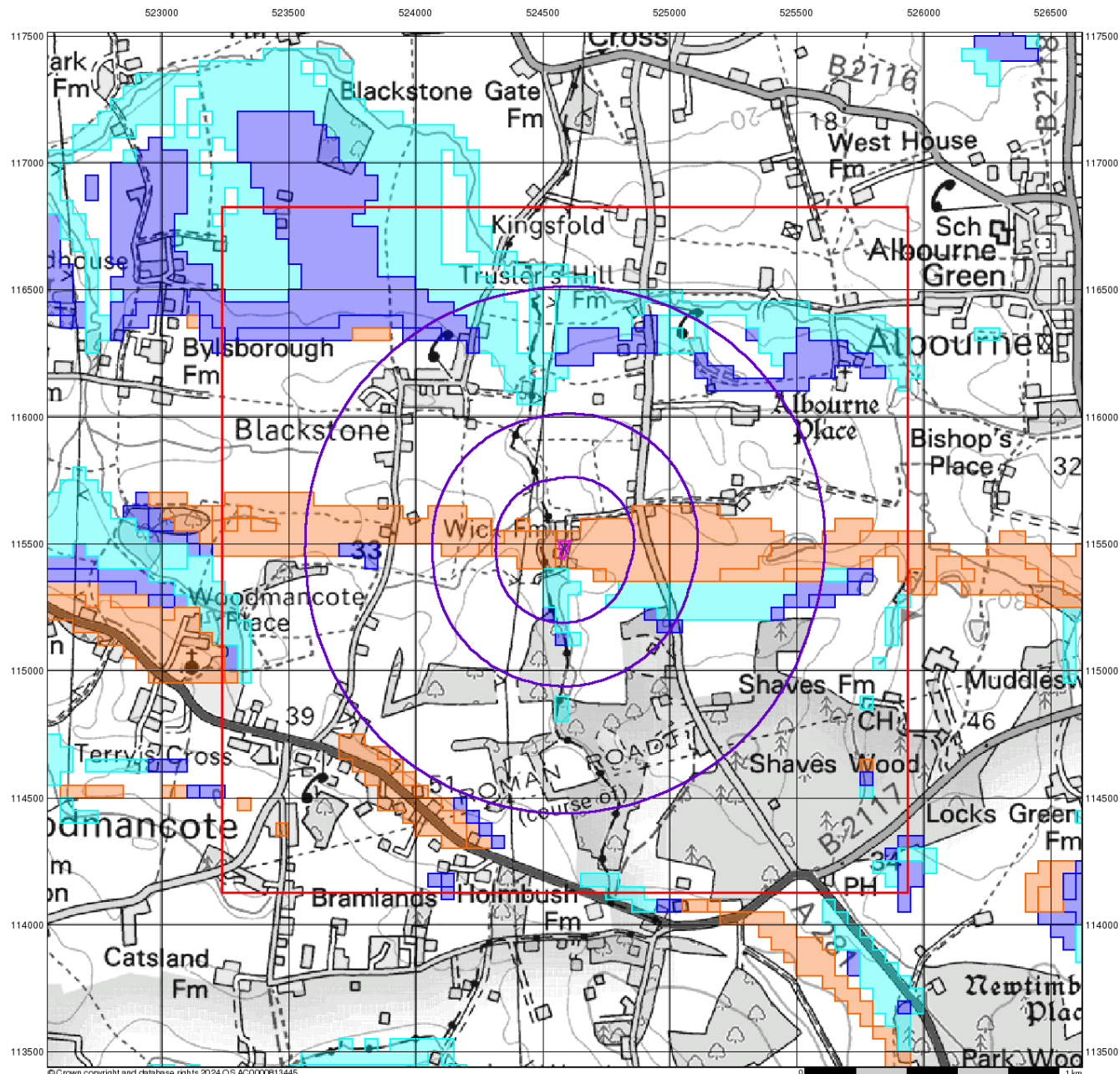


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Trusler's Hill Lane, Albourne, HASSOCKS, BN6 9DU



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BGS Flood GFS Data

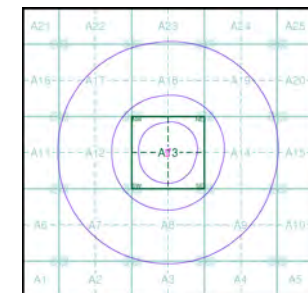
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Trusters Hill Lane, Albourne, HASSOCKS, BN6 9DU

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

365798626_1_1

Customer Reference:

J15890 - SM

National Grid Reference:

524580, 115480

Slice:

A

Site Area (Ha):

0.2

Search Buffer (m):

1000

Site Details:

Wick Farm, Truslers Hill Lane
Albourne
HASOCKS
BN6 9DU

Client Details:

MR D Spearman
Southern Testing
Keeble House
Stuart Way
East Grinstead
West Sussex
RH19 4QA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	22
Sensitive Land Use	23
Data Currency	25
Data Suppliers	31
Useful Contacts	32

Introduction

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

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	2	9
Prosecutions	pg 4				2
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 5		Yes		
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 6		14	17	52
Water Framework Directive - Catchment	pg 15	Yes			
Water Framework Directive - Groundwater	pg 15	Yes			
Water Framework Directive - Surface Waters					

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 20	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 22				4
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 22		2		4
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 23		3	3	8
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 24			1	
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 24	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 (E)	0	1	524584 115480
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	14	1	524550 115480
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	40	1	524584 115400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	64	1	524500 115480
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	120	1	524700 115400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	123	1	524450 115550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	193	1	524550 115250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	214	1	524350 115500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	218	1	524750 115300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	264	1	524300 115500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	264	1	524300 115480
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	290	1	524584 115150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	291	1	524600 115150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	368	1	524900 115250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	391	1	525000 115480
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	422	1	525000 115350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	437	1	524950 115200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	479	1	525000 115200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Mr Rick Fieldwick Property Type: Undefined Or Other Location: Wick Farmhouse, Truslers Hill Lane, Albourne, Hassocks, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02877 Permit Version: 1 Effective Date: 4th May 1990 Issued Date: 4th May 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (N)	87	2	524600 115600
2	Discharge Consents Operator: Mr Phillip Desoutter Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Proposed New Dwelling Albourne Farm, Albourne, Hassocks, Sussex, Bn6 9dx Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd005969 Permit Version: 1 Effective Date: 20th February 2009 Issued Date: 20th February 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwaters Via A Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14NW (E)	483	2	525081 115613
3	Discharge Consents Operator: D.J.Cook (Builders) Ltd. Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Eastwood Farm, Shaveswood Lane, Albourne, Hassocks, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01155 Permit Version: 1 Effective Date: 7th September 1987 Issued Date: 7th September 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	498	2	525010 115180
4	Discharge Consents Operator: Mr Mike Gratton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Albourne Place Lodge Stp Truslers Hill Lane, Albourne, Hassocks, West Sussex, Bn6 9du Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprrb3491az Permit Version: 1 Effective Date: 11th June 2020 Issued Date: 16th June 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The Cutlers Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	616	2	524914 116048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: D.T.Pierce Property Type: Undefined Or Other Location: The Old Rectory, Woodmancote, HENFIELD , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01148 Permit Version: 1 Effective Date: 7th September 1987 Issued Date: 7th September 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (S)	632	2	524380 114840
6	Discharge Consents Operator: Ms Shadi Danin Property Type: Undefined Or Other Location: Wickwoods Country Club, Albourne Wickwoods Country Club, Shaveswood Lane, Albourne, Hassocks, West Sussex, Bn6 9dy Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P02227 Permit Version: 1 Effective Date: 14th June 1989 Issued Date: 14th June 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Leading To Cutlers Brook Status: Revoked under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	683	2	525000 114900
7	Discharge Consents Operator: Country Club & Leisure Limited Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Wickwoods Country Club Hotel Spa Shaveswood Lane, Albourne, Hassocks, West Sussex, Bn6 9dy Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Eprap3526gf Permit Version: 1 Effective Date: 25th June 2010 Issued Date: 25th June 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Cutlers Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	715	2	525051 114901
7	Discharge Consents Operator: Rordach Ltd. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Wickwoods, Shaveswood Lane, Albourne, Hassocks, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N00144 Permit Version: 1 Effective Date: 2nd May 1978 Issued Date: 2nd May 1978 Revocation Date: 28th February 1997 Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	722	2	525050 114890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Saxon Weald Homes Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Cuckholds Cottages, Cuckholds Green, Blackstone Lane, Henfield, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09371 Permit Version: 1 Effective Date: 15th November 2000 Issued Date: 15th November 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	873	2	523770 115090
9	Discharge Consents Operator: Anthony Francis Wotton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Little Gable, Brighton Road, Woodmancote, Henfield West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02502 Permit Version: 1 Effective Date: 11th September 1989 Issued Date: 11th September 1989 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	888	2	523890 114870
10	Discharge Consents Operator: Mr Walker Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Albourne Lakes, Albourne, Hassocks West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02806 Permit Version: 1 Effective Date: 19th March 1990 Issued Date: 19th March 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	890	2	525240 116140
11	Discharge Consents Operator: B J White Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Swimming Pool At Truslers Well, Albourne, Hurstpierpoint, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01778 Permit Version: 1 Effective Date: 13th December 1968 Issued Date: 13th December 1968 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Swimming Pool Contents Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A18NE (N)	953	2	524830 116440
12	Prosecutions Location: Wickwood Country Club Shaveswood Lane Aldbourne Hassocks, West Sussex Bn6 9dy Prosecution Text: Not Supplied Prosecution Act: ENVIRONMENTAL PERMITTING (E & W) REGULATIONS 2010, REGULATION 38 (2) Hearing Date: 12th April 2011 Verdict: Not Supplied Fine: Not Supplied Cost: Not Supplied Positional Accuracy: Automatically positioned to the address	A9NW (SE)	734	3	525007 114842

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Prosecutions Location: Wickwood Country Club Shaveswood Lane Aldbourne Hassocks, West Sussex Bn6 9dy Prosecution Text: Not Supplied Prosecution Act: WATER RESOURCES ACT 1991, SECTION 85 (6) Hearing Date: 27th September 2004 Verdict: Not Supplied Fine: Not Supplied Cost: Not Supplied Positional Accuracy: Automatically positioned to the address	A9NW (SE)	734	3	525007 114842
	Nearest Surface Water Feature	A13SW (SW)	29	-	524548 115422
	Water Abstractions Operator: Mr P De-Soutter Licence Number: 10/41/321115 Permit Version: 100 Location: Cutlers Brook & Tributaries At Albourne Place Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 February Authorised End: 30 November Permit Start Date: 10th July 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NW (E)	1323	2	525900 115800
	Water Abstractions Operator: J E Hills Esq Licence Number: 321101 Permit Version: Not Supplied Location: Swains Farm, Woodmancote, HENFIELD Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 273 Yearly Rate (m3): 6818 Details: Tributary Of Chess Stream Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1922	2	522710 116010
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (E)	0	3	524584 115480
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (E)	0	3	524584 115480
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	30	4	524549 115420
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	36	4	524534 115525
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	43	4	524534 115536
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	43	4	524534 115536
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	51	4	524522 115421
18	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 241.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	79	4	524533 115373
19	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	124	4	524603 115637
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	126	4	524593 115638

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	128	4	524588 115639
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (N)	140	4	524565 115646
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (N)	142	4	524560 115648
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 426.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	157	4	524486 115641
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 345.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	158	4	524487 115643
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (N)	165	4	524521 115665
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	303	4	524587 115137
28	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 106.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	327	4	524597 115113
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	365	4	524954 115394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	367	4	524956 115393
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	374	4	524963 115391
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	379	4	524192 115392
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	381	4	524191 115386
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	421	4	524605 115021
35	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 215.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	440	4	524607 115001
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	449	4	524132 115336
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 859.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	451	4	524411 115930
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	457	4	524127 115325

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	457	4	524127 115325
40	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	471	4	525058 115367
41	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	475	4	525060 115365
42	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	475	4	525060 115365
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	479	4	525065 115367
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	535	4	524177 115874
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	535	4	524041 115349
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	538	4	524038 115350
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	580	4	525170 115365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	583	4	525173 115365
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	600	4	523975 115351
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	604	4	523971 115350
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	646	4	524562 114795
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	654	4	524023 115872
53	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 34.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	659	4	524560 114782
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	660	4	524015 115872
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	679	4	523993 115871
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	679	4	525205 115838

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	685	4	523985 115871
58	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	692	4	524550 114750
59	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	692	4	524550 114750
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 453.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	698	4	524544 114743
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 466.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	698	4	524560 114742
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	702	4	523875 115334
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	706	4	523870 115336
64	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	723	4	523852 115343
65	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	725	4	523849 115347

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	726	4	523930 115857
67	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	727	4	523847 115342
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	730	4	523845 115340
69	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	740	4	525340 115400
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	751	4	525353 115411
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	765	4	525368 115418
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	765	4	525368 115418
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	778	4	525381 115417
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	781	4	525384 115418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	798	4	523805 115208
76	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	806	4	523791 115226
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	836	4	524003 114828
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	840	4	525385 115178
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	840	4	525385 115178
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	848	4	523989 114824
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	849	4	525395 115181
82	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	851	4	523985 114823
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (NW)	864	4	523768 115841

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	873	4	524223 116309
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 671.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cutlers Brook Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	951	4	524782 116448
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	956	4	525119 116322
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	958	4	525112 116328
88	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	982	4	523650 115864
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	983	4	525591 115472
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	984	4	525104 116364
91	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	988	4	523638 115850
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 363.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	988	4	525596 115469

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	992	4	523638 115860
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 292.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SW (W)	997	4	523634 115861
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: Underground Permanent: True Watercourse Name: Cutlers Brook Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	999	4	524890 116472
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Chess Stream WaterBody ID: GB107041012110 Operational Catchment: Adur Upper Management Catchment: Adur and Ouse Catchment Name: Adur & Ouse	A13NW (E)	0	2	524584 115480
	Water Framework Directive - Groundwater Waterbody Name: Lower Greensand Adur & Ouse Waterbody ID: GB40701G502400 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40701G502400 Overall Rating: Good Chemical Rating: Good Quantitative Measure: Good Year: 2019	A13NW (E)	0	2	524584 115480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Mid Sussex District Council - Has supplied landfill data		0	5	524584 115480
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	524584 115480
	Local Authority Landfill Coverage Name: Horsham District Council - Has supplied landfill data		37	7	524535 115527
96	Local Authority Recorded Landfill Sites Location: Shaves Wood Lane Tip, Albourne Reference: Not Supplied Authority: West Sussex County Council, Environment & Development Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A9SW (SE)	939	6	525000 114600
97	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NW (E)	401	-	525004 115580
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A17NE (NW)	853	-	524023 116164

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lower Greensand Group	A13NW (E)	0	1	524584 115480
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (E)	0	1	524584 115480
	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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	50	1	524543 115400
	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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	220	1	524796 115370
	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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	306	1	524438 115784
	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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	309	1	524845 115712
	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	A14NW (E)	391	1	525000 115480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	393	1	525000 115544
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	440	1	524587 115000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	469	1	524940 115845
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (NE)	473	1	525000 115779
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	499	1	524500 116000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	525	1	525003 115861

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	532	1	524405 116013
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	564	1	524000 115480
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	586	1	524500 116089
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (NE)	596	1	525159 115742
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	751	1	523814 115518
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	772	1	523836 115761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	803	1	523762 115500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	830	1	525357 115873
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	921	1	523644 115500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NE (W)	997	1	523567 115500
	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 (E)	0	1	524584 115480
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	524532 115480
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	93	1	524472 115523
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	524532 115480
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	93	1	524472 115523
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	24	1	524590 115417
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	45	1	524540 115543
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	93	1	524475 115532
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	110	1	524476 115382
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	220	1	524796 115370
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	24	1	524590 115417
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	524532 115480
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	93	1	524472 115523
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	220	1	524796 115370
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	524584 115480
	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 (E)	0	1	524584 115480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Contemporary Trade Directory Entries Name: D J Cook Ltd Location: Shaves Wood La, Albourne, Hassocks, West Sussex, BN6 9DY Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	749	-	525067 114870
100	Contemporary Trade Directory Entries Name: Bri Clean Location: Blackstone St, Blackstone, Henfield, West Sussex, BN5 9TH Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	786	-	524088 116130
101	Contemporary Trade Directory Entries Name: Carpenters Yard Woodworkers Location: Carpenters Yard, Blackstone La, Blackstone, Henfield, West Sussex, BN5 9TA Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	793	-	523938 115992
102	Contemporary Trade Directory Entries Name: The Magic Log Co Ltd Location: Blackstone, Henfield, West Sussex, BN5 9TB Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	867	-	523919 116084
103	Points of Interest - Manufacturing and Production Name: W H Beard & Son Location: Truslers Hill Lane, Albourne, Hassocks, BN6 9DU Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NW (N)	47	8	524579 115555
103	Points of Interest - Manufacturing and Production Name: W H Beard & Son Location: Wick Farm, Truslers Hill Lane, Albourne, Hassocks, BN6 9DU Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NW (N)	47	8	524579 115555
104	Points of Interest - Manufacturing and Production Name: D J Cook Ltd Location: Eastwood Farm, Shaves Wood Lane, Albourne, Hassocks, BN6 9DY Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A9NW (SE)	501	8	524935 115084
105	Points of Interest - Manufacturing and Production Name: Piggery Location: BN6 Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18NE (N)	711	8	524829 116189
106	Points of Interest - Manufacturing and Production Name: Tank Location: BN6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	813	8	525280 115972
107	Points of Interest - Manufacturing and Production Name: Solar Panels Location: BN6 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	889	8	525222 114822

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	Ancient Woodland Name: Home Gill Reference: 1479440 Area(m ²): 13442.01 Type: Ancient and Semi-Natural Woodland	A13SW (W)	2	9	524563 115476
109	Ancient Woodland Name: Not Supplied Reference: 1478830 Area(m ²): 10717.38 Type: Ancient and Semi-Natural Woodland	A13NW (NW)	149	9	524471 115622
110	Ancient Woodland Name: Not Supplied Reference: 1478954 Area(m ²): 91416.15 Type: Ancient and Semi-Natural Woodland	A13SW (S)	205	9	524530 115242
111	Ancient Woodland Name: Not Supplied Reference: 1478831 Area(m ²): 26845.81 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	337	9	524802 115185
112	Ancient Woodland Name: West Wood Reference: 1479642 Area(m ²): 27452.15 Type: Ancient and Semi-Natural Woodland	A8NW (S)	443	9	524487 115008
113	Ancient Woodland Name: East Woods Farm Reference: 1479369 Area(m ²): 43980.89 Type: Ancient and Semi-Natural Woodland	A8NE (SE)	479	9	524817 115023
114	Ancient Woodland Name: Calves Wood Reference: 1479334 Area(m ²): 18212.57 Type: Ancient and Semi-Natural Woodland	A14SE (E)	797	9	525343 115189
115	Ancient Woodland Name: Shaves Farm Shaw Reference: 1479575 Area(m ²): 4722.74 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	799	9	525089 114823
116	Ancient Woodland Name: Calves Wood Reference: 1479333 Area(m ²): 15315.76 Type: Plantation on Ancient Woodland	A14SE (SE)	803	9	525340 115162
117	Ancient Woodland Name: Holmbush Plantation Reference: 1479433 Area(m ²): 165318.94 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	844	9	525090 114767
118	Ancient Woodland Name: Holmbush Wood Reference: 1479434 Area(m ²): 77121.61 Type: Ancient and Semi-Natural Woodland	A8SE (S)	876	9	524782 114587
119	Ancient Woodland Name: The Alders Reference: 1478832 Area(m ²): 24303.73 Type: Ancient and Semi-Natural Woodland	A12SW (W)	915	9	523653 115400
120	Ancient Woodland Name: Shaves Wood Reference: 1479580 Area(m ²): 42347.82 Type: Plantation on Ancient Woodland	A9NE (SE)	930	9	525362 114929
121	Ancient Woodland Name: Shaves Wood Reference: 1479579 Area(m ²): 47115.77 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	949	9	525329 114852

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	National Parks Name: South Downs Multiple Area: N Area (m2): 1652679314.3 Source: Natural England Status: Fully Designated - designated as a National Park Designation Date: 2nd November 2009	A13SE (SE)	337	9	524802 115186
123	Nitrate Vulnerable Zones Name: Chess Stream Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (E)	0	3	524584 115480

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Adur District Council - Environmental Health Department Horsham District Council - Environmental Health Department Environment Agency - Head Office Mid Sussex District Council - Environmental Services Section Brighton & Hove City Council - Environmental Health Department	December 2019 February 2015 November 2023 October 2017 September 2017	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	October 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	October 2024 October 2024	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Brighton & Hove City Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department Adur District Council - Environmental Health Department	August 2015 December 2020 June 2015 November 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Brighton & Hove City Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section Horsham District Council - Environmental Health Department Adur District Council - Environmental Health Department	August 2015 December 2020 June 2015 November 2014	Not Applicable Annual Rolling Update Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements Brighton & Hove City Council - Environmental Health Department Horsham District Council - Environmental Health Department Adur District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section	August 2015 June 2015 November 2014 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	October 2024	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	
Historical Prosecutions Environment Agency, Southern Region	March 2013	Not Applicable
Prosecutions Environment Agency - Head Office	February 2024	Annually
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - Southern Region	May 2023 May 2023	
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2024 October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	October 2024	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	October 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	August 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	November 2024 November 2024 November 2024 November 2024	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2024 October 2024 October 2024 October 2024	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Adur District Council Brighton & Hove City Council - Environmental Health Department Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Adur District Council Brighton & Hove City Council - Environmental Health Department Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section West Sussex County Council - Environment & Development	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	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 Brighton & Hove City Council Mid Sussex District Council Horsham District Council - Planning Department Adur District Council West Sussex County Council - Environment & Development	February 2016 January 2016 July 2023 June 2023 October 2006	Variable Variable Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department Adur District Council Brighton & Hove City Council Mid Sussex District Council West Sussex County Council - Environment & Development	August 2015 February 2016 February 2016 January 2016 October 2006	Variable Variable Variable Variable Annual Rolling Update
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	March 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	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	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	September 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Points of Interest - Commercial Services PointX	December 2024	Quarterly
Points of Interest - Education and Health PointX	December 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2024	Quarterly
Points of Interest - Public Infrastructure PointX	December 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	November 2024	Bi-Annually
Areas of Adopted Green Belt Adur District Council Brighton & Hove City Council Horsham District Council - Planning Department Mid Sussex District Council South Downs National Park	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Adur District Council Brighton & Hove City Council Horsham District Council - Planning Department Mid Sussex District Council South Downs National Park	July 2024 July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2024	Bi-Annually
Marine Nature Reserves Natural England	August 2024	Bi-Annually
National Nature Reserves Natural England	August 2024	Bi-Annually
National Parks Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Bi-Annually
Ramsar Sites Natural England	August 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	October 2024	Bi-Annually
Special Protection Areas Natural England	November 2024	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	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.co.uk
5	Mid Sussex District Council - Environmental Services Section The Oaklands, Oaklands Road, Haywards Heath, West Sussex, RH16 1SS	Telephone: 01444 458166 extn 2288 Fax: 01444 450027 Website: www.midsussex.gov.uk
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
7	Horsham District Council - Environmental Health Department Park House, North Street, Horsham, Sussex, RH12 1RL	Telephone: 01403 215100 Fax: 01403 732790 Website: www.horsham.gov.uk
8	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

Envirocheck[®] Report:

Historical Data Report Datasheet

Order Details:

Order Number:

365798626_1_1

Customer Reference:

J15890 - SM

National Grid Reference:

524580, 115480

Slice:

A

Site Area (Ha):

0.2

Search Buffer (m):

1000

Site Details:

Wick Farm, Truslers Hill Lane
Albourne
HASOCKS
BN6 9DU

Client Details:

MR D Spearman
Southern Testing
Keeble House
Stuart Way
East Grinstead
West Sussex
RH19 4QA

Report Section	Page Number
Summary	-
Historical Building Plans Information	-
Historical Land Use Information	1
Historical Tanks and Energy Facilities	-
Historical Map List	2
Useful Contacts and Further Information	3

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 and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Building Plans Information					
Areas Cleared Due To Enemy Action					
Above Ground Fuel Tanks (100m)				n/a	n/a
Asbestos (100m)				n/a	n/a
Benzene/Benzole/Naphtha, Naphthalene/Kerosene (100m)				n/a	n/a
Electricity Generation (100m)				n/a	n/a
Electricity Sub-Station (100m)				n/a	n/a
Gas Industry (100m)				n/a	n/a
Gas Storage (100m)				n/a	n/a
Gas Use (100m)				n/a	n/a
Oil Industry (100m)				n/a	n/a
Oil Storage (100m)				n/a	n/a
Oil Use (100m)				n/a	n/a
Paint based Oils (100m)				n/a	n/a
Paraffin (100m)				n/a	n/a
Petrol and Diesel Industry (100m)				n/a	n/a
Petrol and Diesel Storage (100m)				n/a	n/a
Petrol and Diesel Use (100m)				n/a	n/a
Potential Fuel Gas (100m)				n/a	n/a
Potential Fuel Oil (100m)				n/a	n/a
Potential Fuel Use (100m)				n/a	n/a
Potential Petrol and Diesel (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Potentially Fuel-related Tanks (100m)				n/a	n/a
Underground Fuel Tanks (100m)				n/a	n/a
Historical Land Use Information					
Former Marshes					
Historical Flood Liabilities					
Potentially Contaminative Industrial Uses (Past Land Use)	pg 1			1	
Potentially Infilled Land (Non-Water)	pg 1			1	
Potentially Infilled Land (Water)	pg 1				1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Tanks and Energy Facilities					
Electrical Sub Station Facilities (100m)				n/a	n/a
Electricity Industry Facilities (100m)				n/a	n/a
Gas Industry Facilities (100m)				n/a	n/a
Gas Monitoring Facilities (100m)				n/a	n/a
Miscellaneous Power Facilities (100m)				n/a	n/a
Oil Industry Facilities (100m)				n/a	n/a
Petroleum Storage Facilities (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Tanks (100m)				n/a	n/a

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Potentially Contaminative Industrial Uses (Past Land Use) Use: General quarrying Date of Mapping: 1963	A14NW (E)	401	1	525004 115580
2	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NW (E)	401	1	525004 115580
3	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A17NE (NW)	853	1	524023 116164

No Historical Building Plans information available.

The following mapping has been analysed for Historical Land Use Information:

1:10,560	Mapsheet	Published Date
Sussex	038_00	1879
Sussex	052_00	1879
Sussex	038_SE	1899
Sussex	038_SW	1899
Sussex	052_NE	1899
Sussex	052_NW	1899
Sussex	038_SE	1912
Sussex	038_SW	1912
Sussex	052_NE	1912
Sussex	052_NW	1912
Sussex	038_SW	1951
Sussex	038_SE	1952
Sussex	052_NE	1952
Ordnance Survey Plan	TQ21SE	1962
Ordnance Survey Plan	TQ21SW	1962
Ordnance Survey Plan	TQ21NE	1963
Ordnance Survey Plan	TQ21NW	1963
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	TQ21NW	1974
Ordnance Survey Plan	TQ21SW	1976
Ordnance Survey Plan	TQ21SE	1979
Ordnance Survey Plan	TQ21NE	1993

The following mapping has been analysed for Historical Tanks and Energy Facilities:

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	TQ2415	1956
Ordnance Survey Plan	TQ2415	1977

Contact	Name and Address	Contact Details
1	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

Historical Building Plans Information

This data set contains potentially contaminative features such as asbestos, petrol, oil and tanks captured from Historical Building Plans. The Historical Building Plans were produced by the London-based firm Charles E. Goad Ltd. as fire insurance plans, dating back to 1885. The firm ceased production of fire insurance plans in 1970. Most of the important towns and cities of the British Isles are covered. Historical Building Plans are usually at the scales of 1:480 (1 inch to 40 feet) for the British Isles. They were updated every 5-6 years by means of revision sheets designed to be pasted on to the original plans.

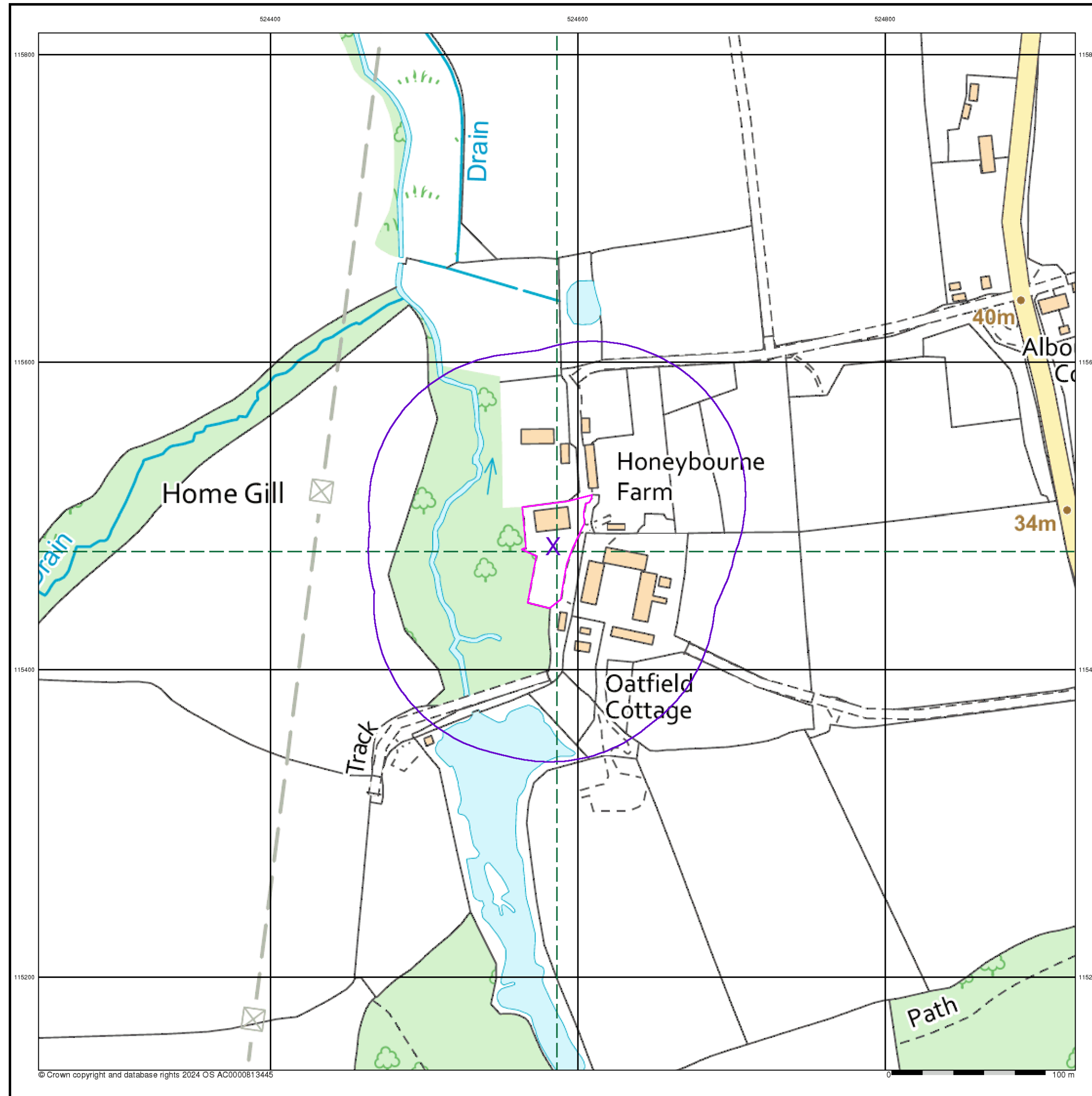
It should be noted that Historical Building Plans are only available for certain major towns and cities and in some cases there may only be partial coverage of the search area. It cannot therefore be assumed that the absence of responses under the Historical Building Plans section of this report indicates that no hazards exist. Please check the Historical Building Plans Map List table in the Historical Map List section of this report to establish if Historical Building Plans are available for this search area.

Historical Land Use Information

Landmark's Historical Land Use Data is the result of combined analysis of historical map data captured at 1:10,560 and 1:10,000. A unique comprehensive database of Historic Land Use from the 1840's to 1996 it includes 67 different types of potentially contaminated past industrial land use. This entailed analysing over 60,000 maps and is drawn from at least four, and up to six historical map editions. In addition a seventh layer was also created, known as the land use layer, containing areas of infilled land which are plotted via comparison between two or more map editions.

Historical Tanks and Energy Facilities

In addition to HLU, additional analysis uncovered some of the most dangerous sources of contamination (past and present tanks, petrol storage, oil, gas, electricity, miscellaneous facilities). This data set covers over 390,000 Historical Tanks and Energy facilities in Great Britain and was captured from post war 1:2500 and 1:1250 Ordnance Survey historical mapping covering a period from 1943 to 1996.



General

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

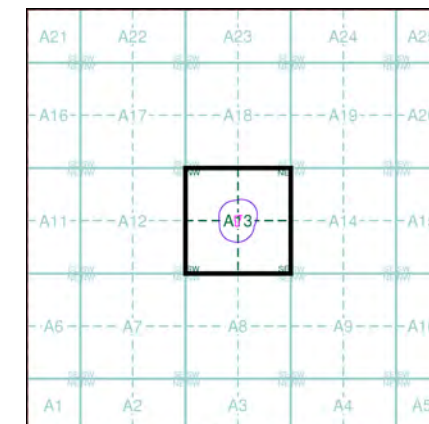
Historical Building Plans

- Area Cleared due to Enemy Action
- Asbestos
- Above Ground Fuel Tanks
- Benzene/Benzole/Naphtha, Naphthalene/Kerosene
- Electricity Generation
- Electricity Sub-Stations
- Gas Industry
- Gas Storage
- Gas Use
- Oil Industry
- Oil Storage
- Oil Use
- Paint based Oils
- Paraffin
- Petrol and Diesel Industry
- Petrol and Diesel Storage
- Petrol and Diesel Use
- Potential Fuel Gas
- Potential Fuel Oil
- Potential Fuel Use
- Potential Petrol and Diesel
- Potential Tanks
- Potentially Fuel-related Tanks
- Underground Fuel Tanks

Historical Tanks and Energy Facilities

- Electrical Sub Station Facility
- Electricity Industry Facility
- Gas Industry Facility
- Gas Monitoring Facility
- Miscellaneous Power Facility
- Oil Industry Facility
- Petroleum Storage Facility
- Potential Tank
- Tank

Historical Data Report - Segment A13



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Plot Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

General

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

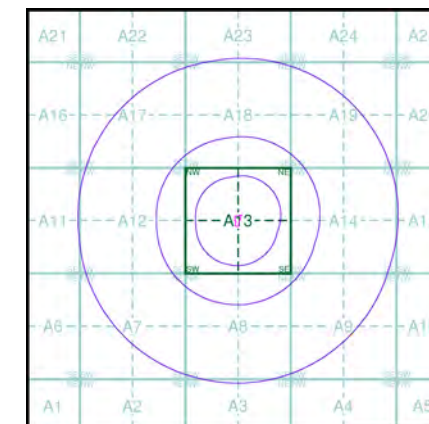
Historical Building Plans

-  Area Cleared due to Enemy Action

Historical Land Use

-  Former Marsh
-  Historical Flood Liability
-  Historical Flood Liability (Location)
-  Potentially Contaminative Industrial Use (Past Land Use)
-  Potentially Contaminative Industrial Use (Past Land Use) (Linear)
-  Potentially Contaminative Industrial Use (Past Land Use) (Location)
-  Potentially Infilled Land (Non-Water)
-  Potentially Infilled Land (Non-Water) (Linear)
-  Potentially Infilled Land (Non-Water) (Location)
-  Potentially Infilled Land (Water)
-  Potentially Infilled Land (Water) (Linear)
-  Potentially Infilled Land (Water) (Location)

Historical Data Report - Slice Map A

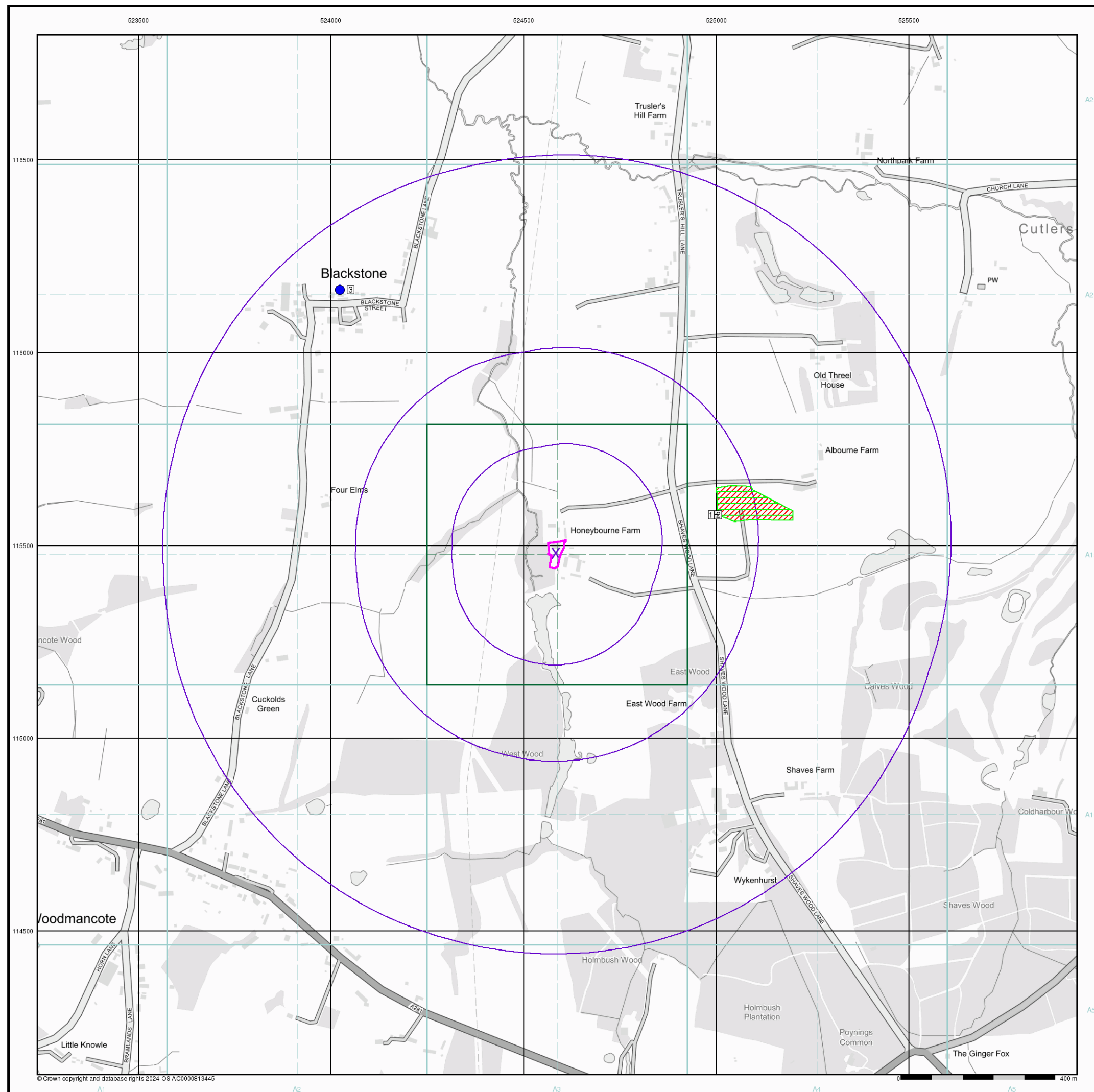


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

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
	AD2T3	River Terrace Deposits, 2 to 3 (Adur)	Sand and Gravel	Not Supplied - Quaternary
	AD3	River Terrace Deposits, 3 (Adur)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMCH	West Melbury Marly Chalk Formation	Chalk	Not Supplied - Cenomanian
	GLT	Gault Formation	Mudstone	Not Supplied - Albian
	UGS	Upper Greensand Formation	Siltstone and Sandstone	Not Supplied - Albian
	FO	Folkestone Formation	Sandstone	Not Supplied - Aptian
	LGS	Lower Greensand Group	Sandstone, Silty	Not Supplied - Aptian
	WC	Weald Clay Formation	Mudstone	Not Supplied - Hauterivian
	WC	Weald Clay Formation	Limestone	Not Supplied - Hauterivian
	WC	Weald Clay Formation	Sandstone	Not Supplied - Hauterivian
	WC	Weald Clay Formation	Silicate-claystone	Not Supplied - Hauterivian
		Faults		

Geology 1:50,000 Maps

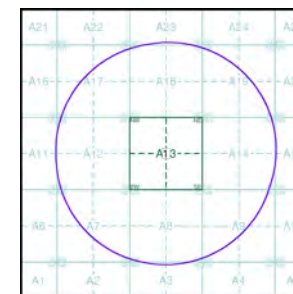
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	318
Map Name:	Brighton and Wt
Map Date:	2006
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

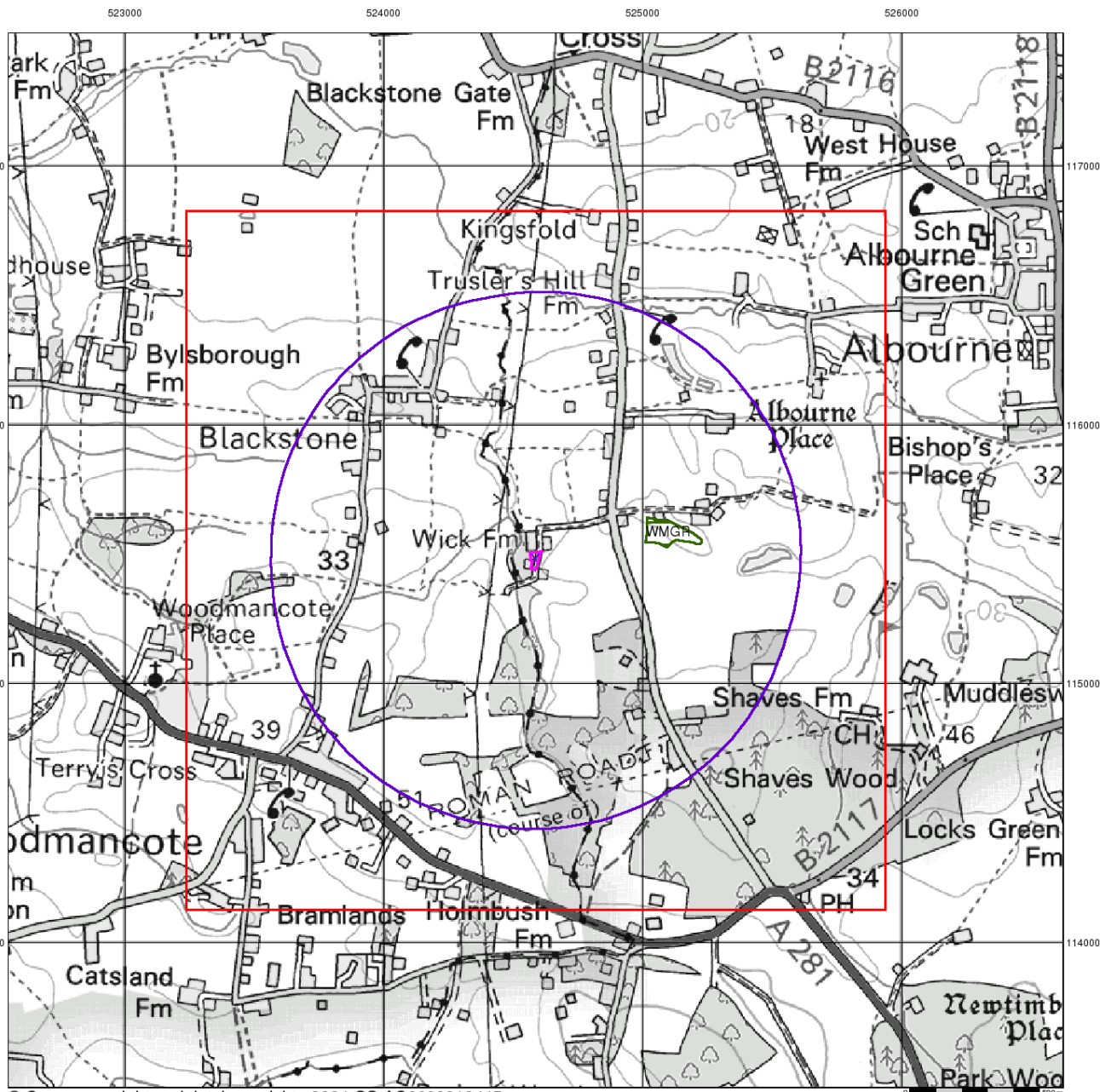


Order Details:

Order Number:	365798626_1_1
Customer Reference:	J15890 - SM
National Grid Reference:	524580, 115480
Slice:	A
Site Area (Ha):	0.2
Search Buffer (m):	1000

Site Details:

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



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Artificial Ground and Landslip

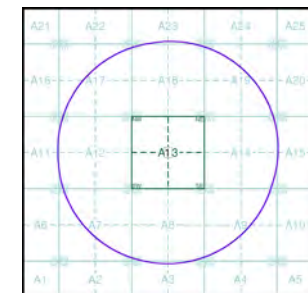
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A

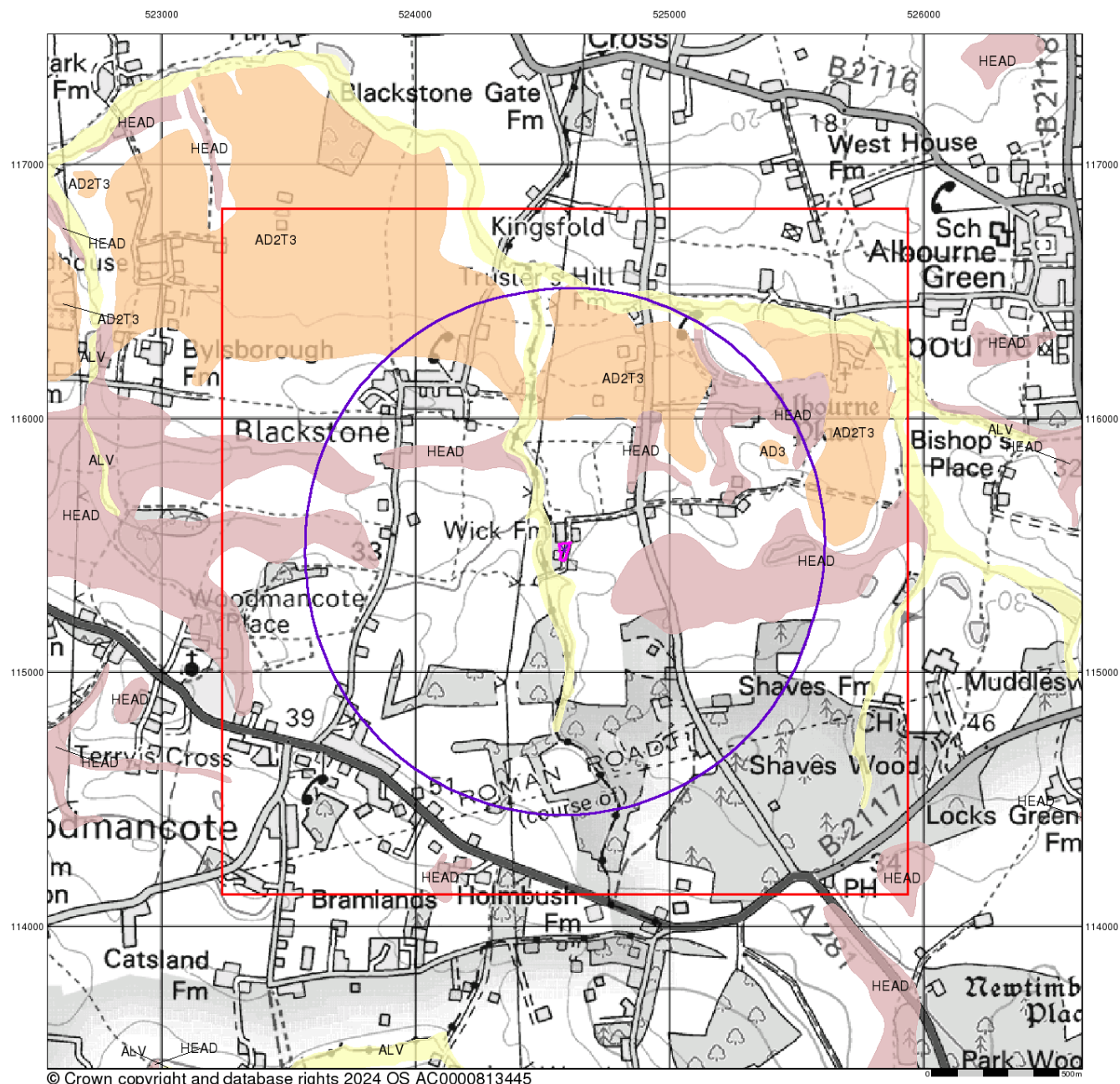


Order Details:

Order Number: 365798626_1_1
Customer Reference: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details:

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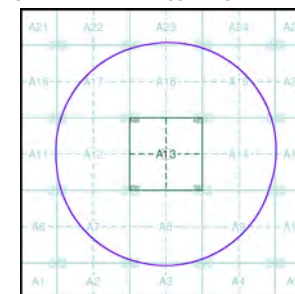
Superficial Geology

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

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

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

Superficial Geology Map - Slice A

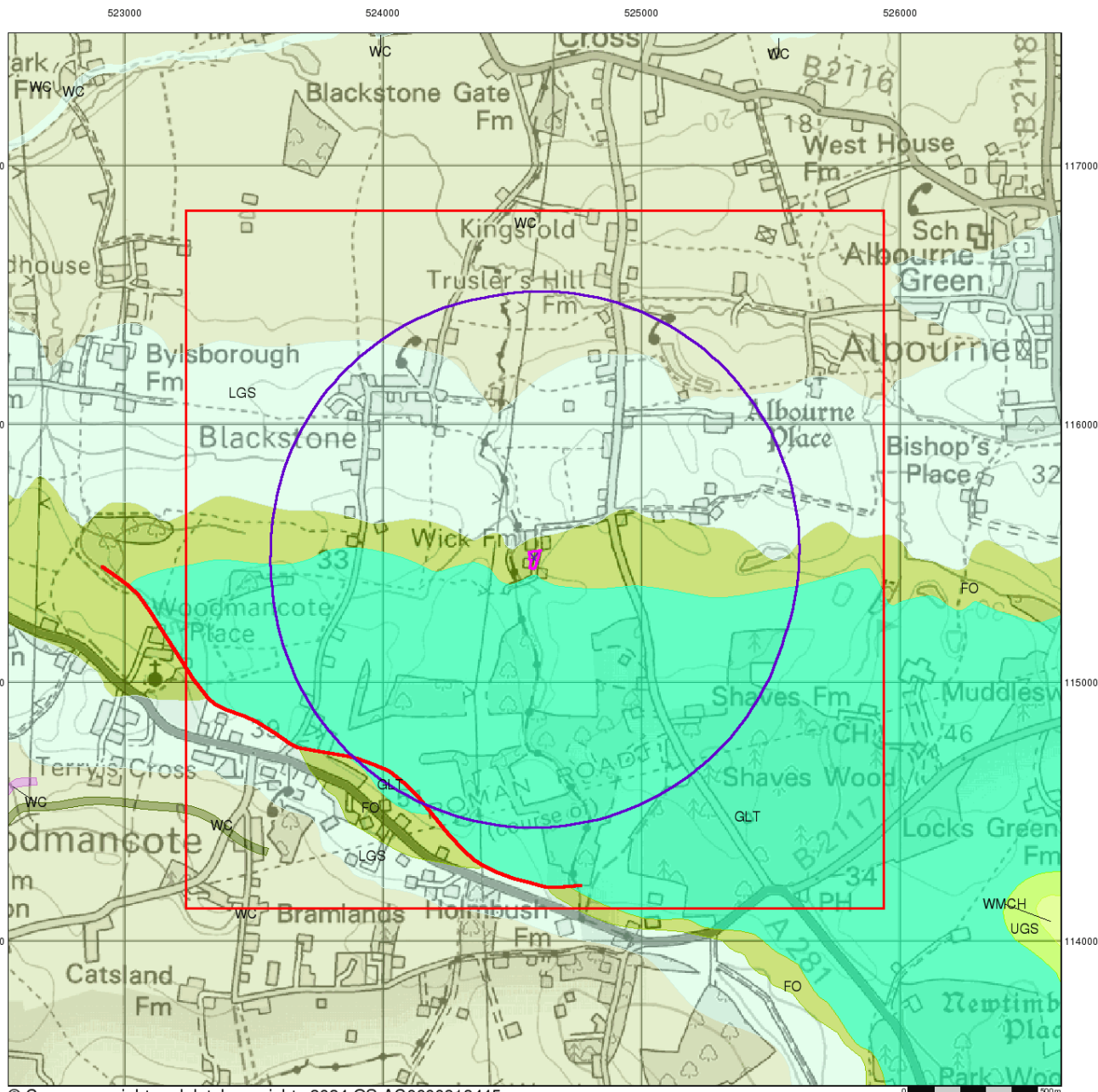


Order Details:

Order Number: 365798626_1_1
Customer Reference: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details:

Wick Farm, Truster's Hill Lane, Albourne, HASSOCKS, BN6 9DU



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Bedrock and Faults

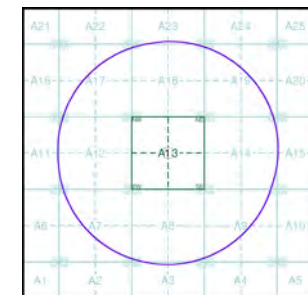
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 365798626_1_1
 Customer Reference: J15890 - SM
 National Grid Reference: 524580, 115480
 Slice: A
 Site Area (Ha): 0.2
 Search Buffer (m): 1000

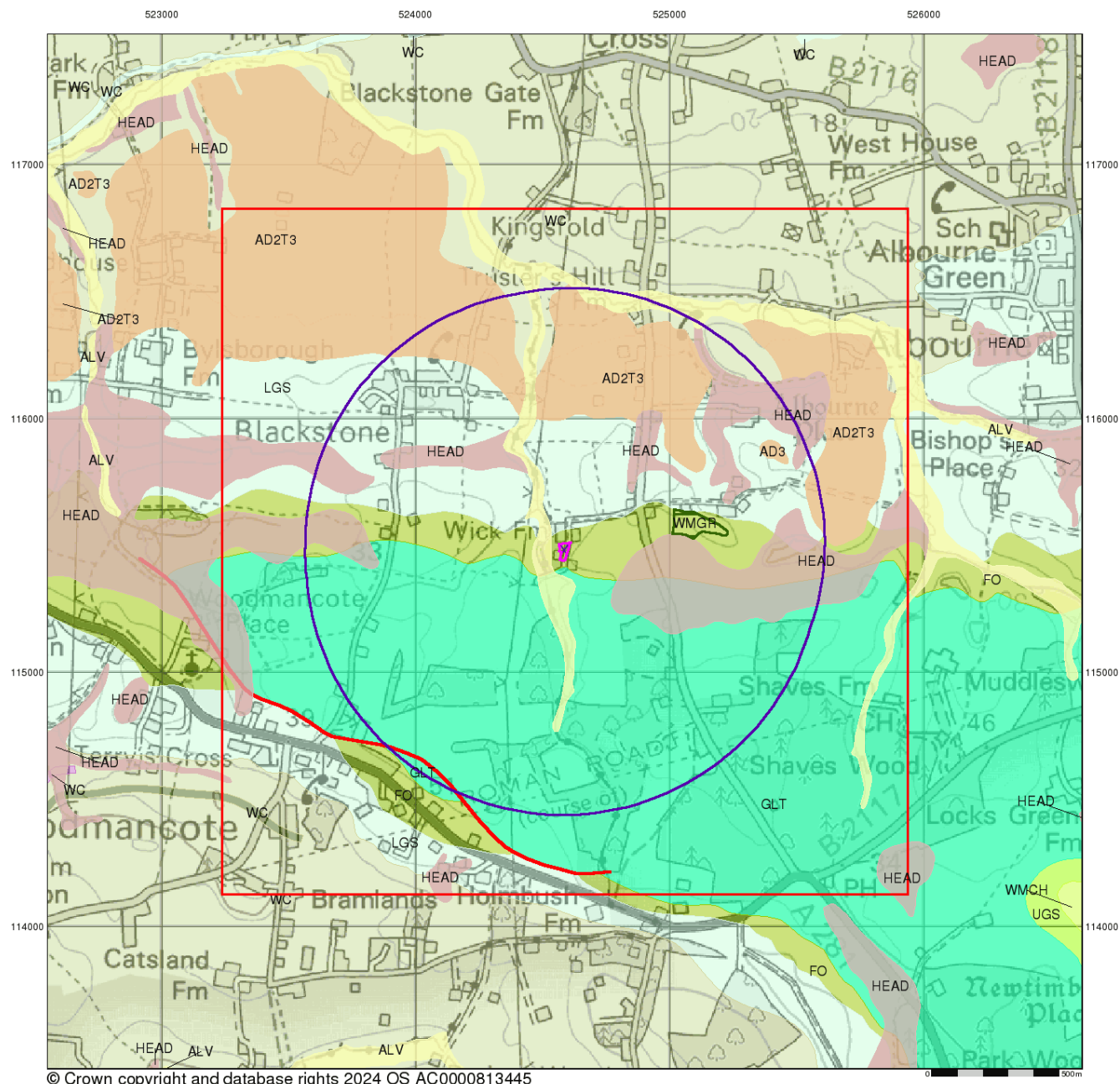
Site Details:

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



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

v15.0 17-Dec-2024



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Combined Surface Geology

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

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

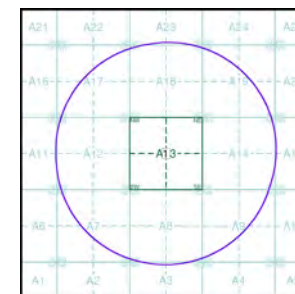
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 365798626_1_1
Customer Reference: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details:

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

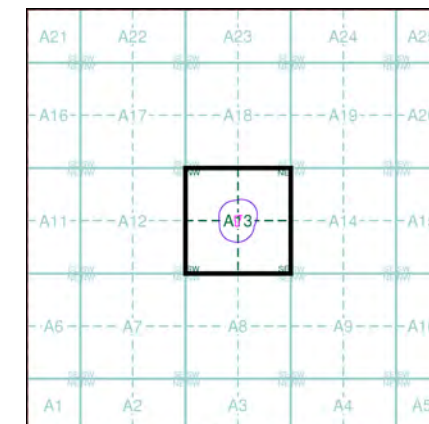
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

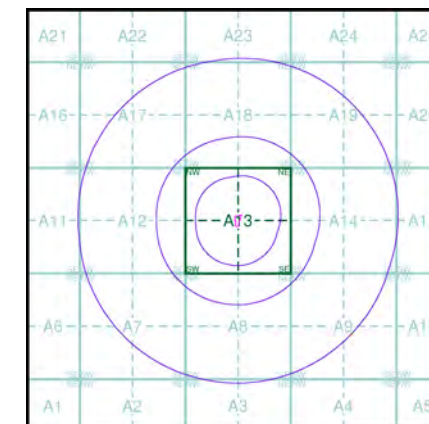
Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Plot Buffer (m): 100

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

Industrial Land Use Map

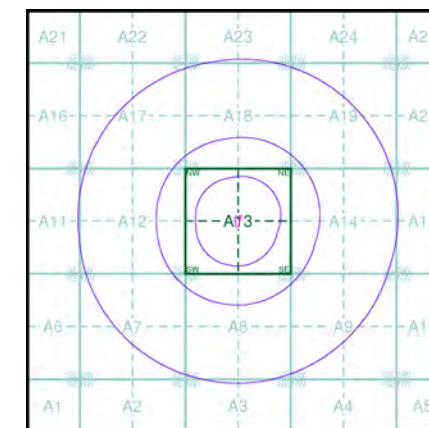
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

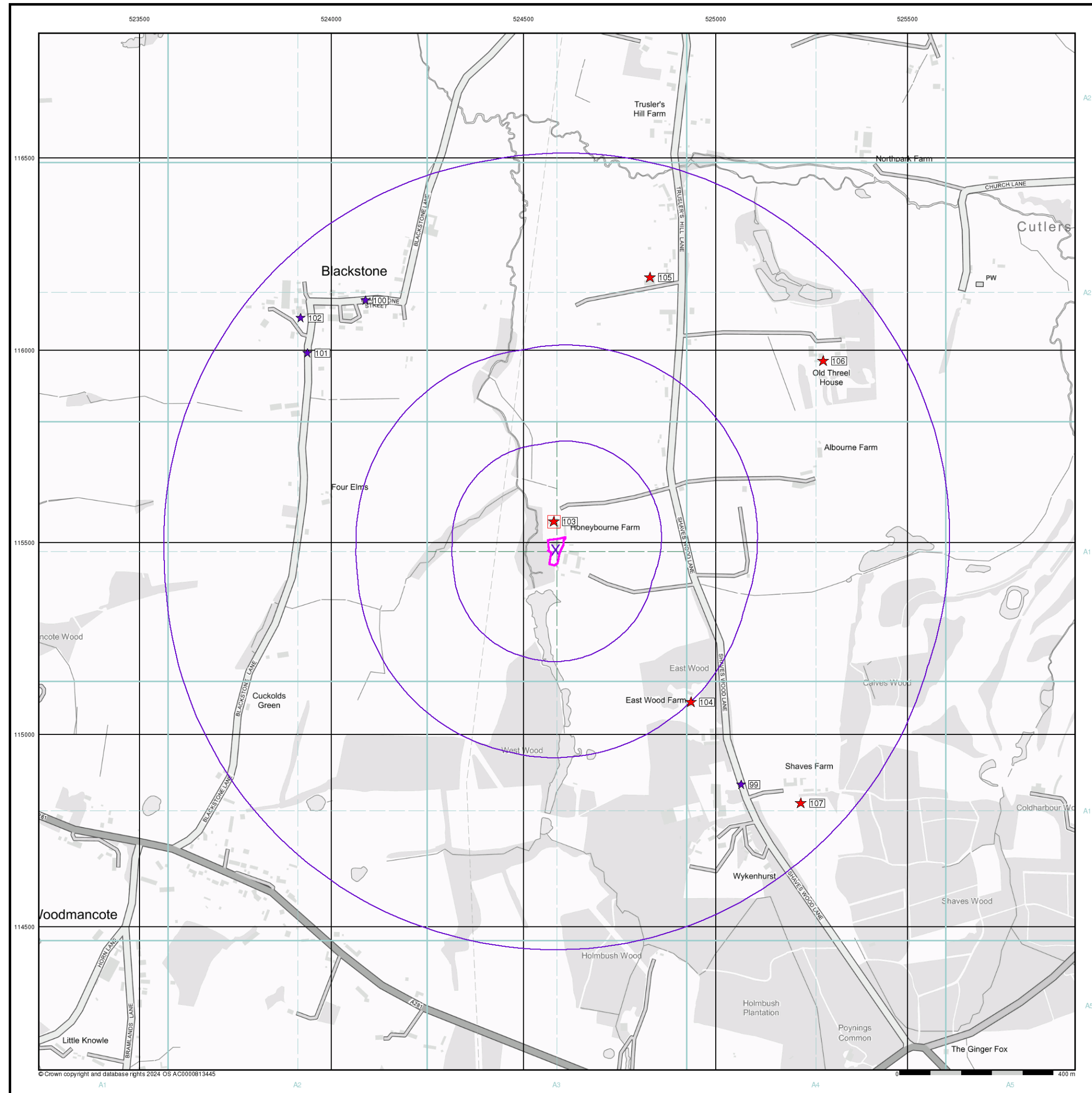


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



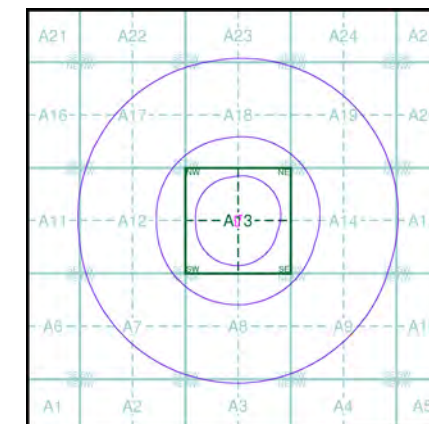
General

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

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
-  Flooding from Rivers or Sea without Defences (Zone 3)
-  Area Benefiting from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice A

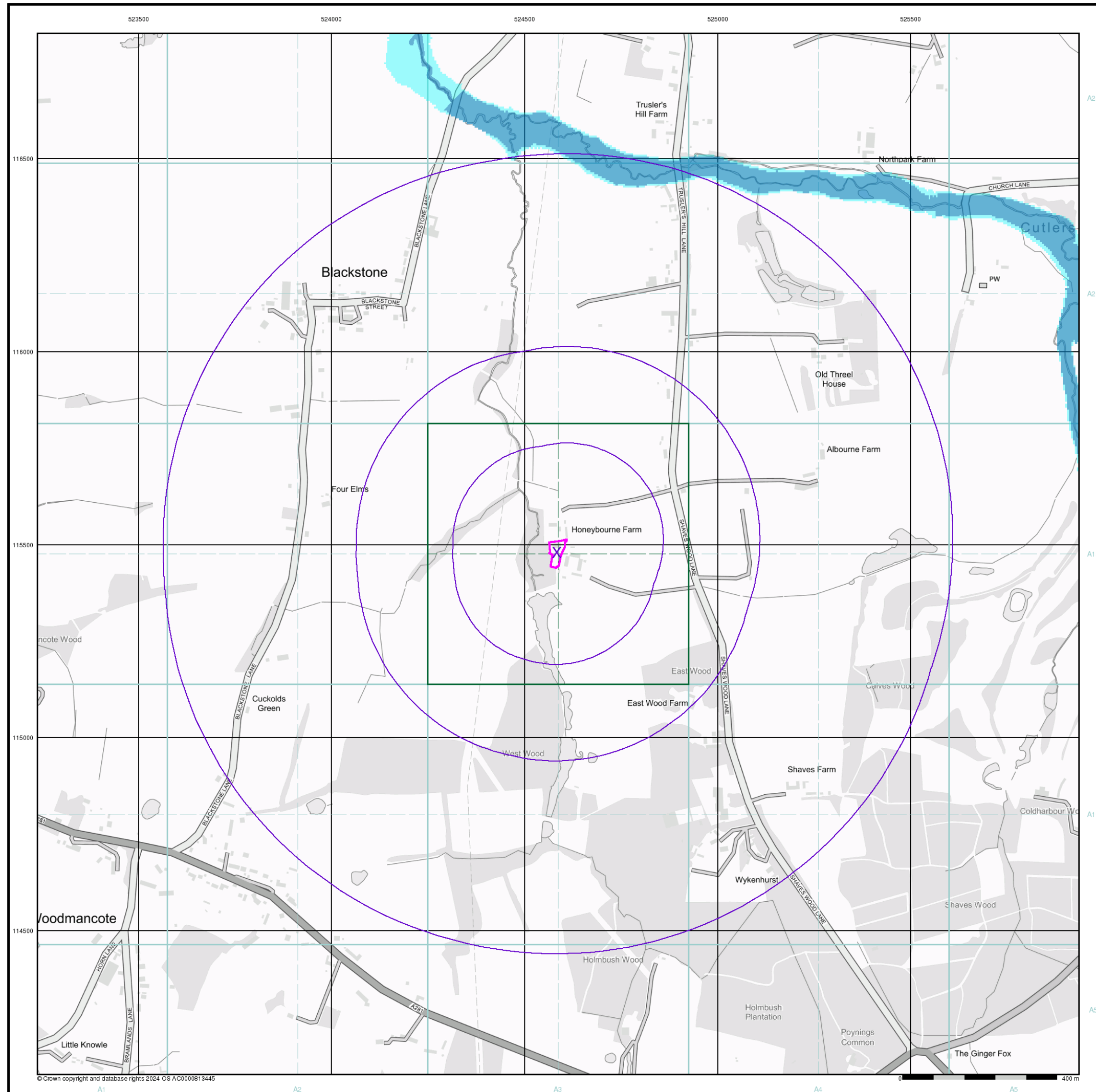


Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



General

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

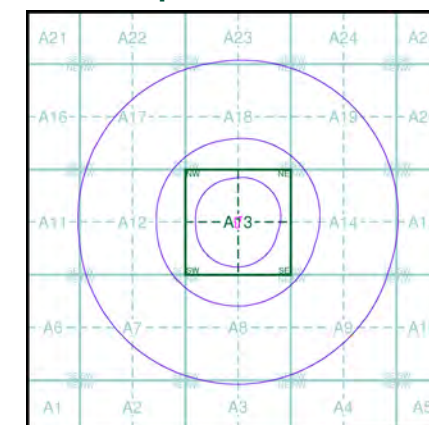
Agency and Hydrological (Boreholes)

-  BGS Borehole Depth 0 - 10m
-  BGS Borehole Depth 10 - 30m
-  BGS Borehole Depth 30m +
-  Confidential
-  Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

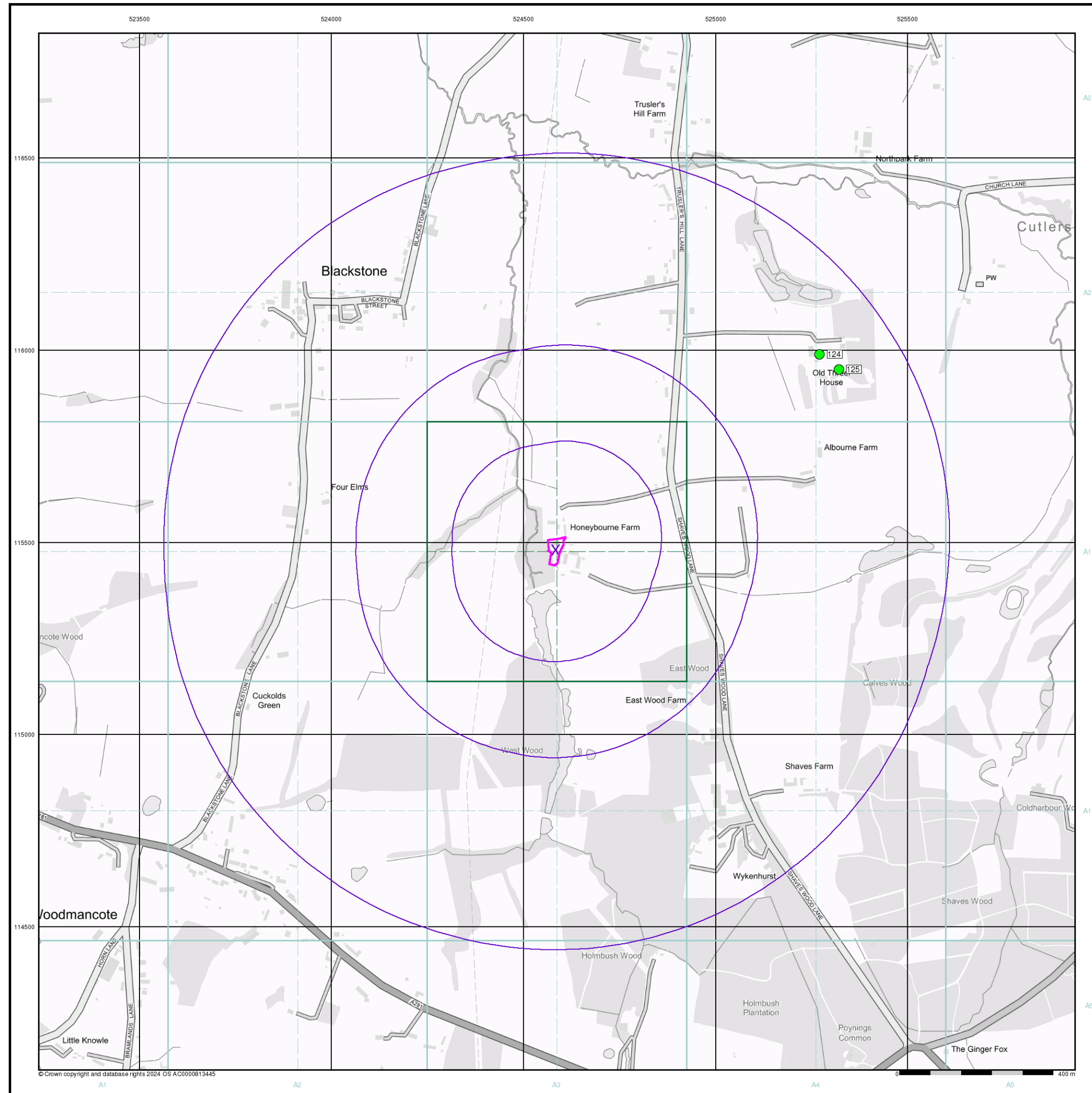


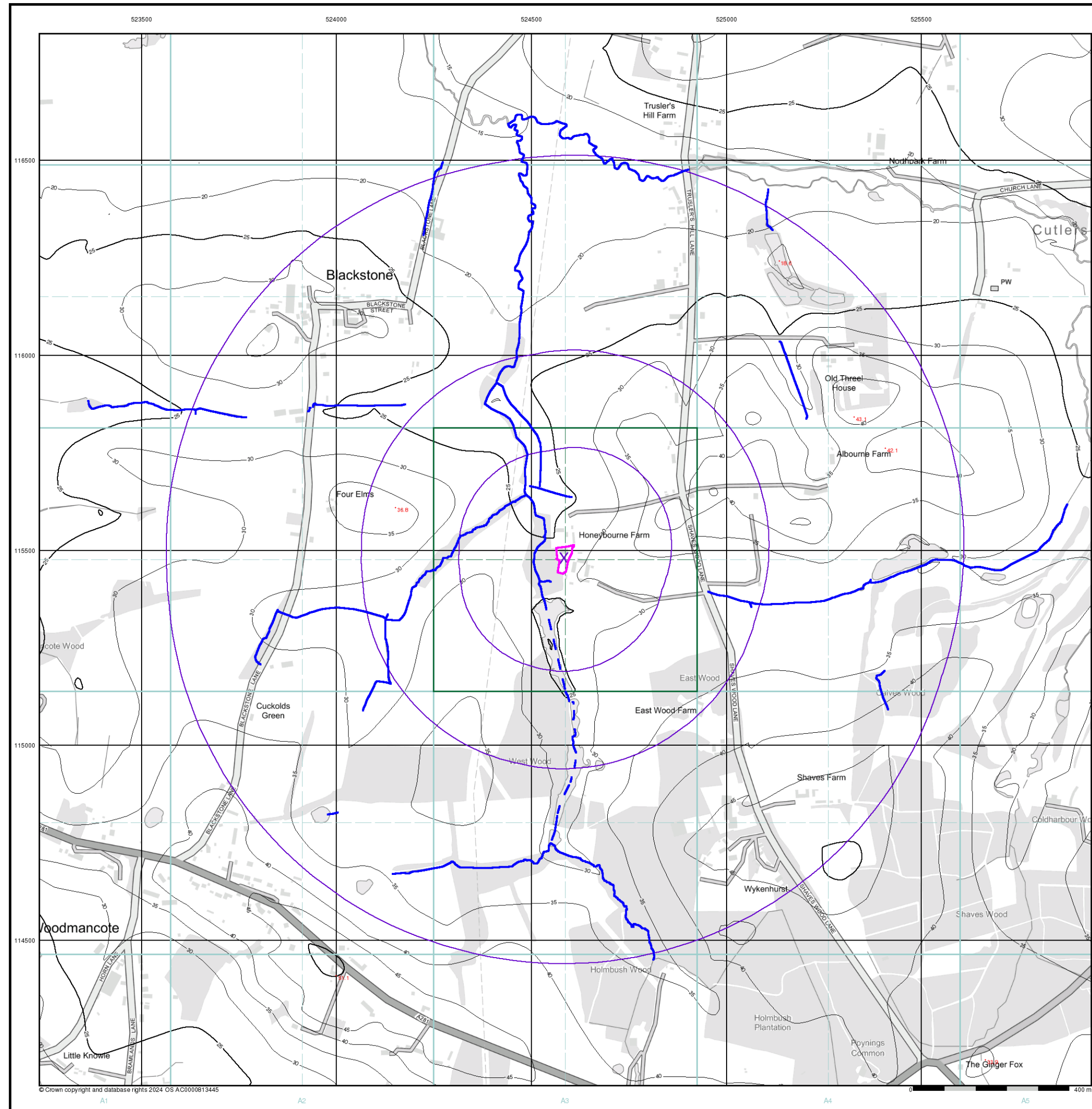
Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU



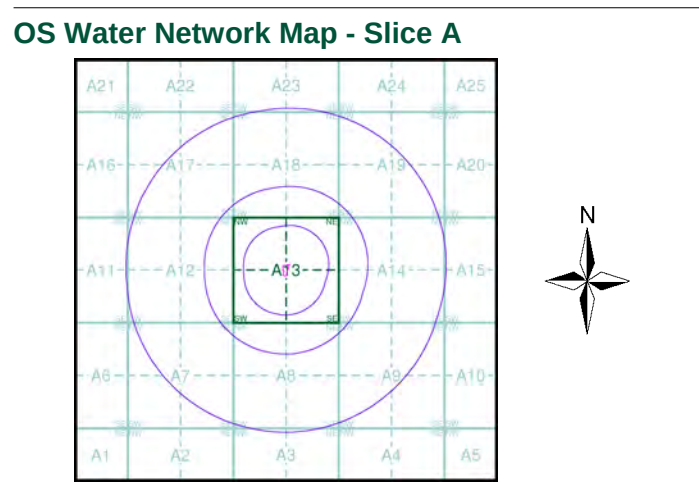


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- General**
-  Specified Site
 -  Specified Buffer(s)
 -  Bearing Reference Point

- OS Water Network Data**
- | | |
|--|---|
|  Canal |  Drain |
|  Reservoir |  Other |
|  Foreshore |  Lake |
|  Marsh |  Transfer |
|  Tidal River |  Lock Or Flight Of Locks |
|  Inland River |  Sea |

- Contours (height in meters)**
- Standard Contour  105  Mean Low Water
- Master Contour  100  Mean High Water
- Spot Height  167.3



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

General

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

Risk of Flooding from Surface Water

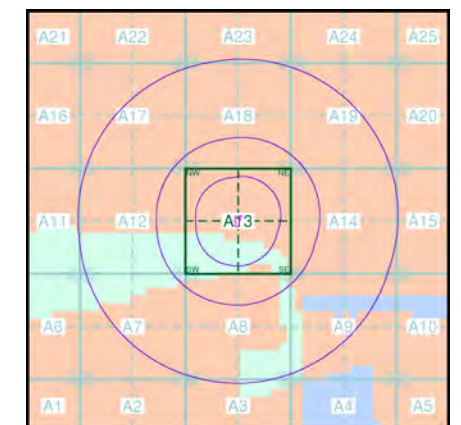
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A

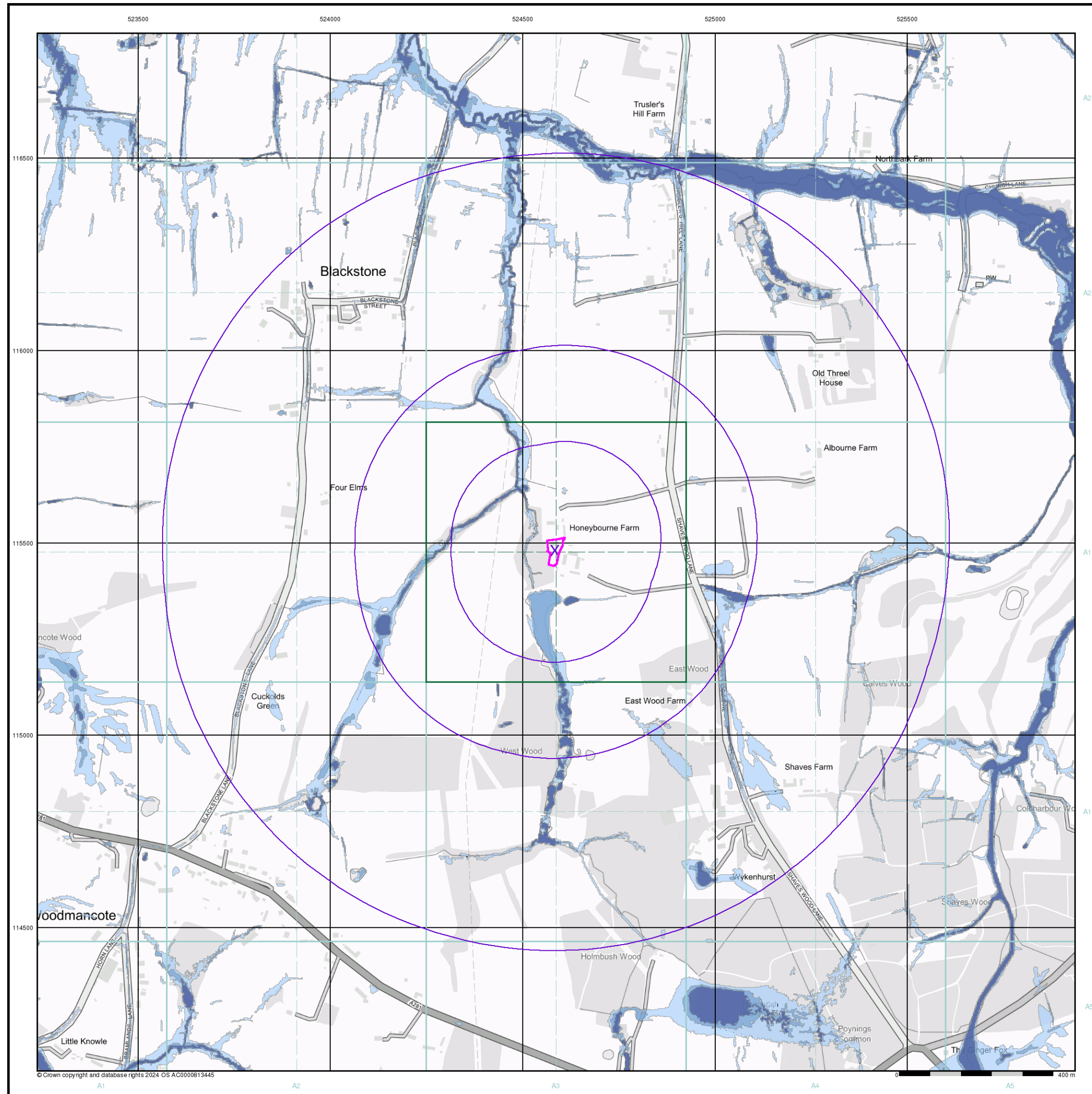


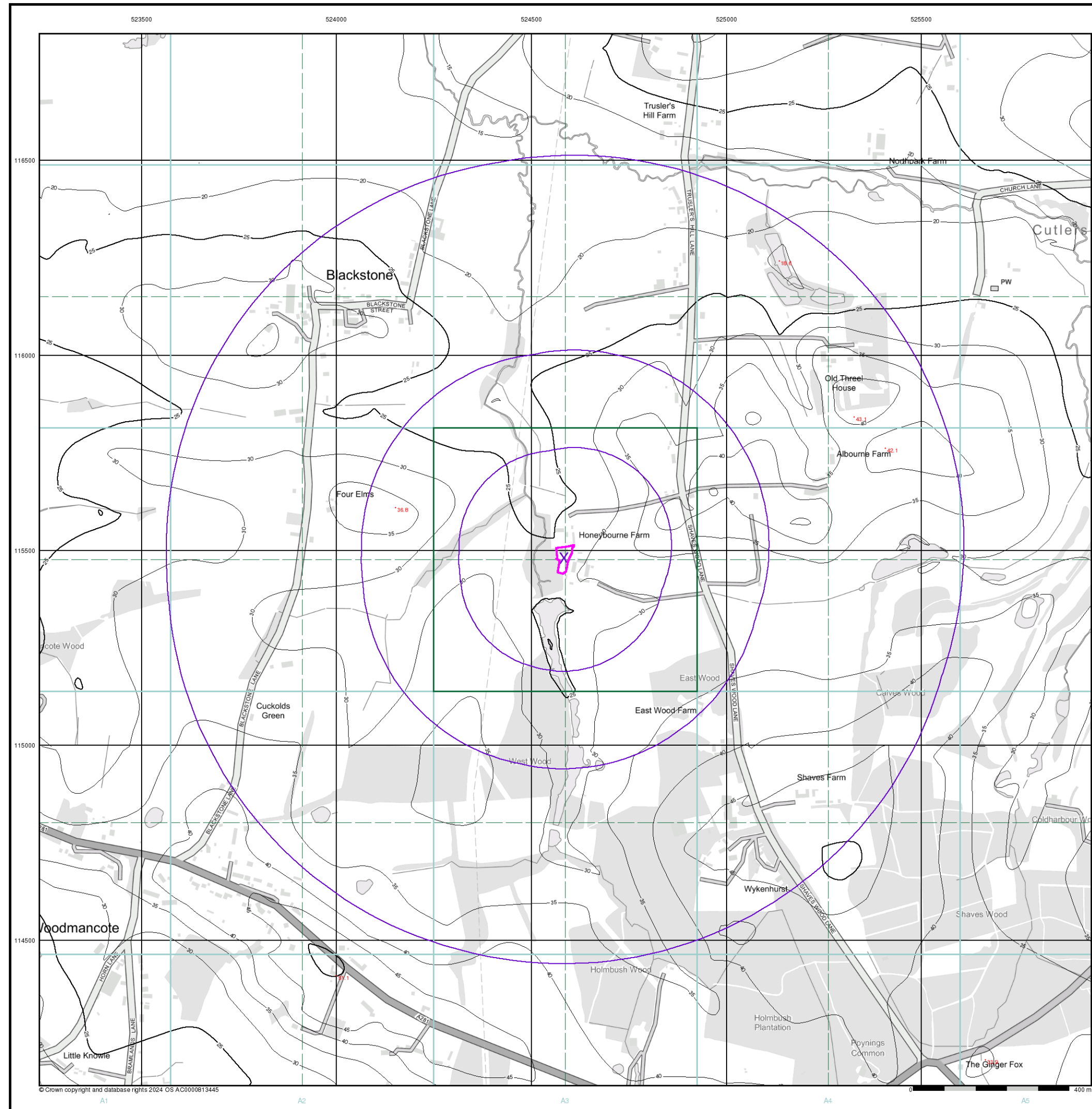
Order Details

Order Number: 365798626_1_1
 Customer Ref: J15890 - SM
 National Grid Reference: 524580, 115480
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 Site Area (Ha): 0.2
 Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU





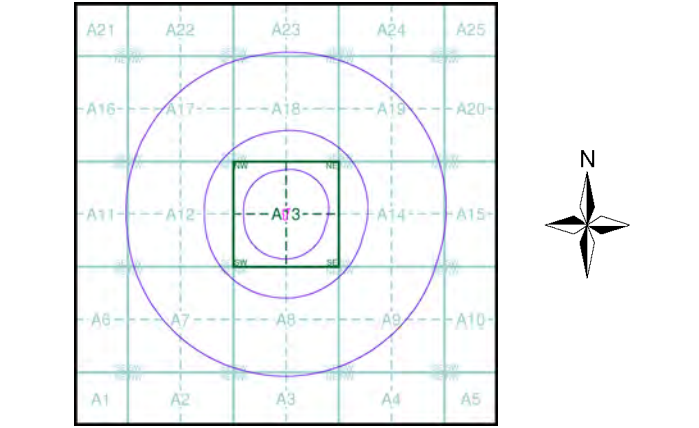
WFD Surface Waters Map

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

- Water Framework Directive - Surface Water Quality**
-  High
 -  Good
 -  Moderate
 -  Poor
 -  Bad

- Contours** (height in meters)
- Standard Contour  105
 - Master Contour  100
 - Spot Height  167.3
 -  Mean Low Water
 -  Mean High Water

WFD Surface Waters Map - Slice A



Order Details

Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

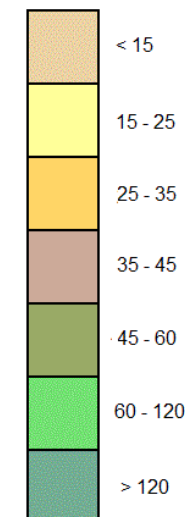
Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

General

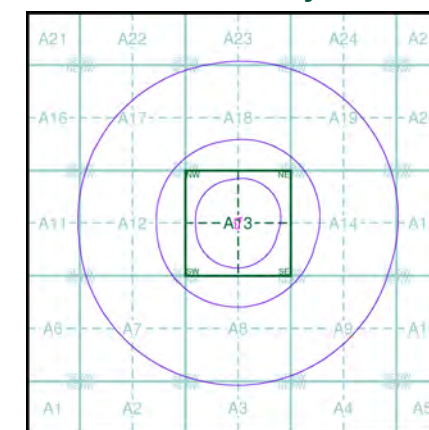
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

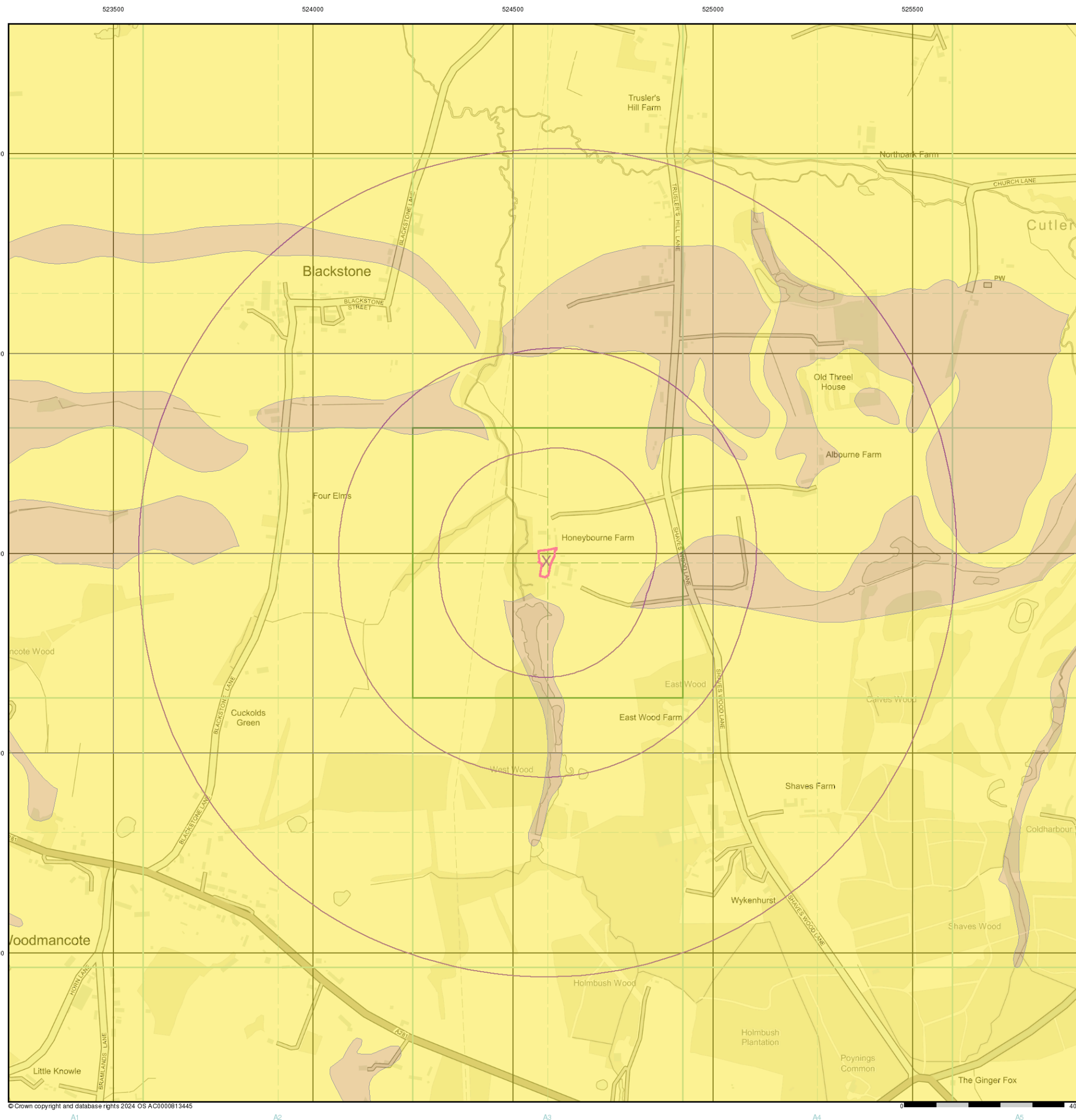


Order Details

Order Details: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

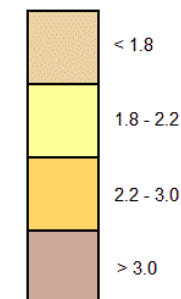


General

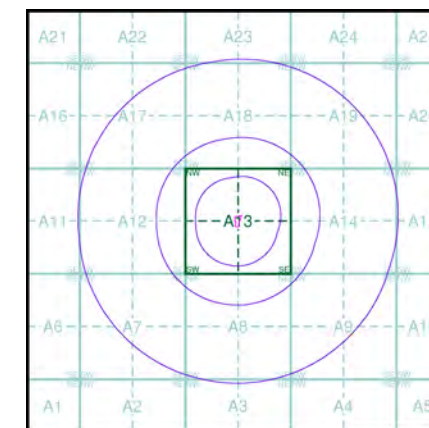
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

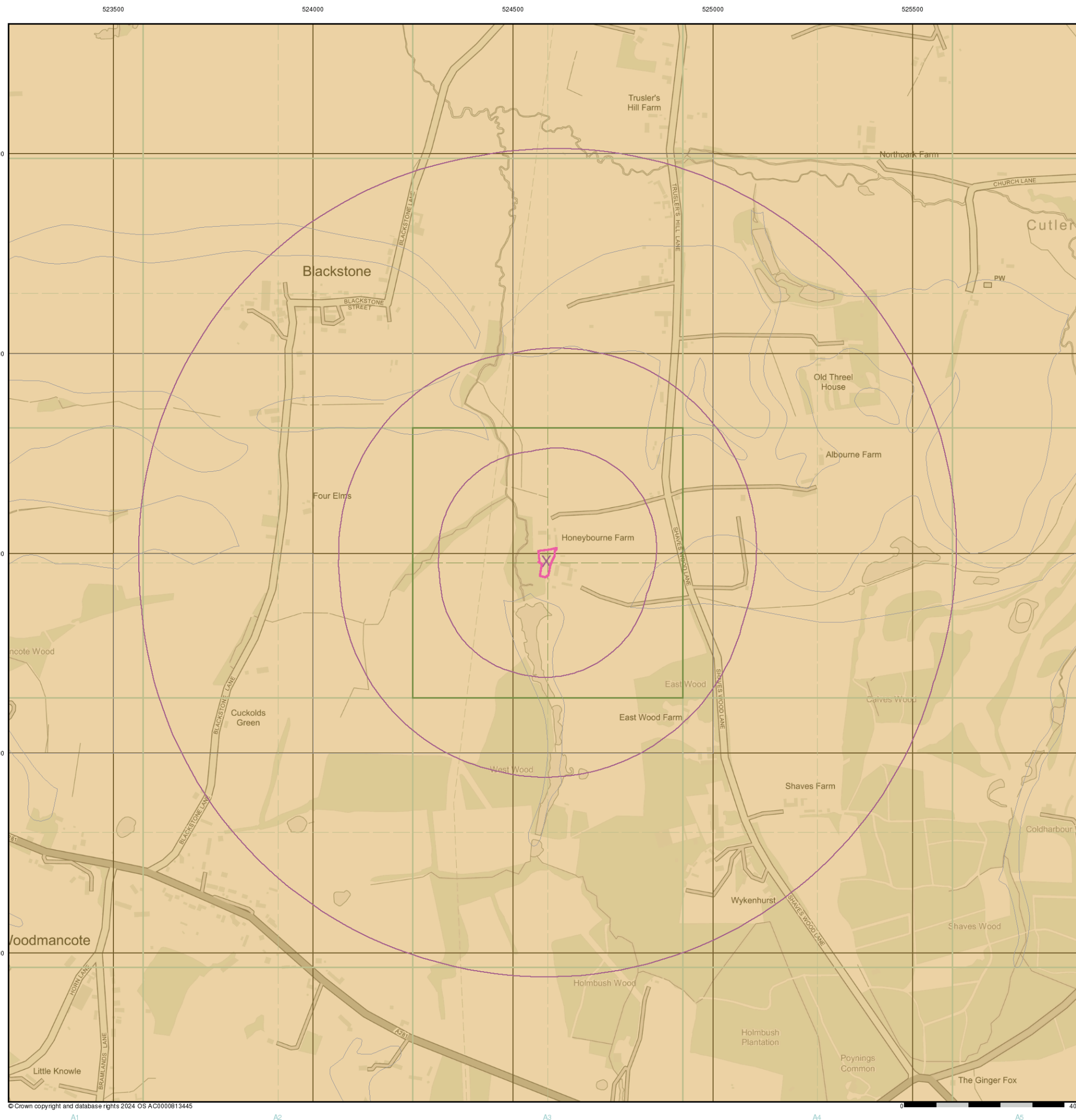


Order Details

Order Details: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

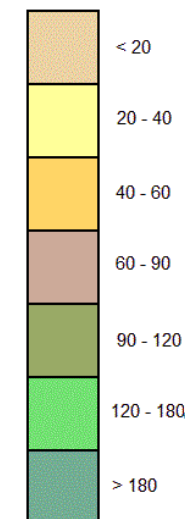


General

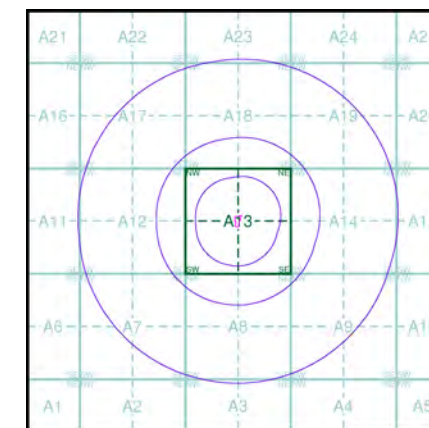
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

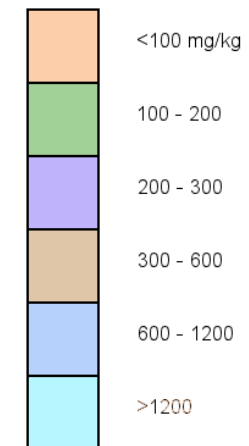
Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

General

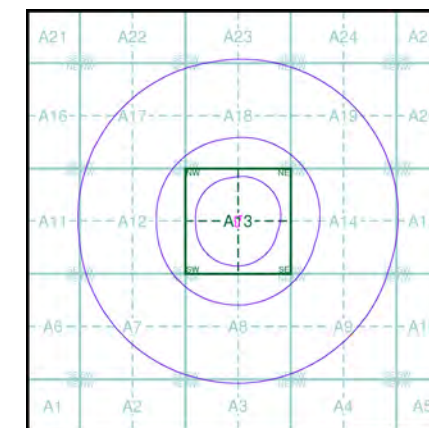
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

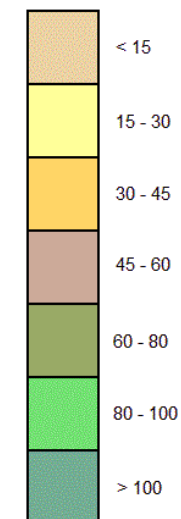
Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

General

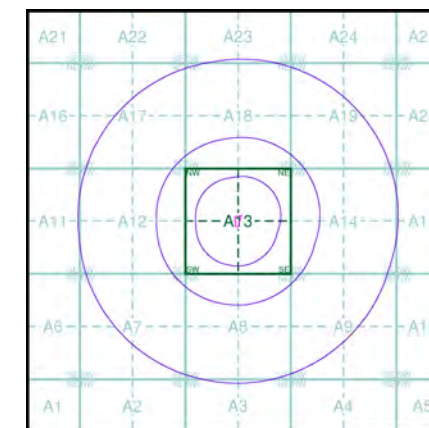
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



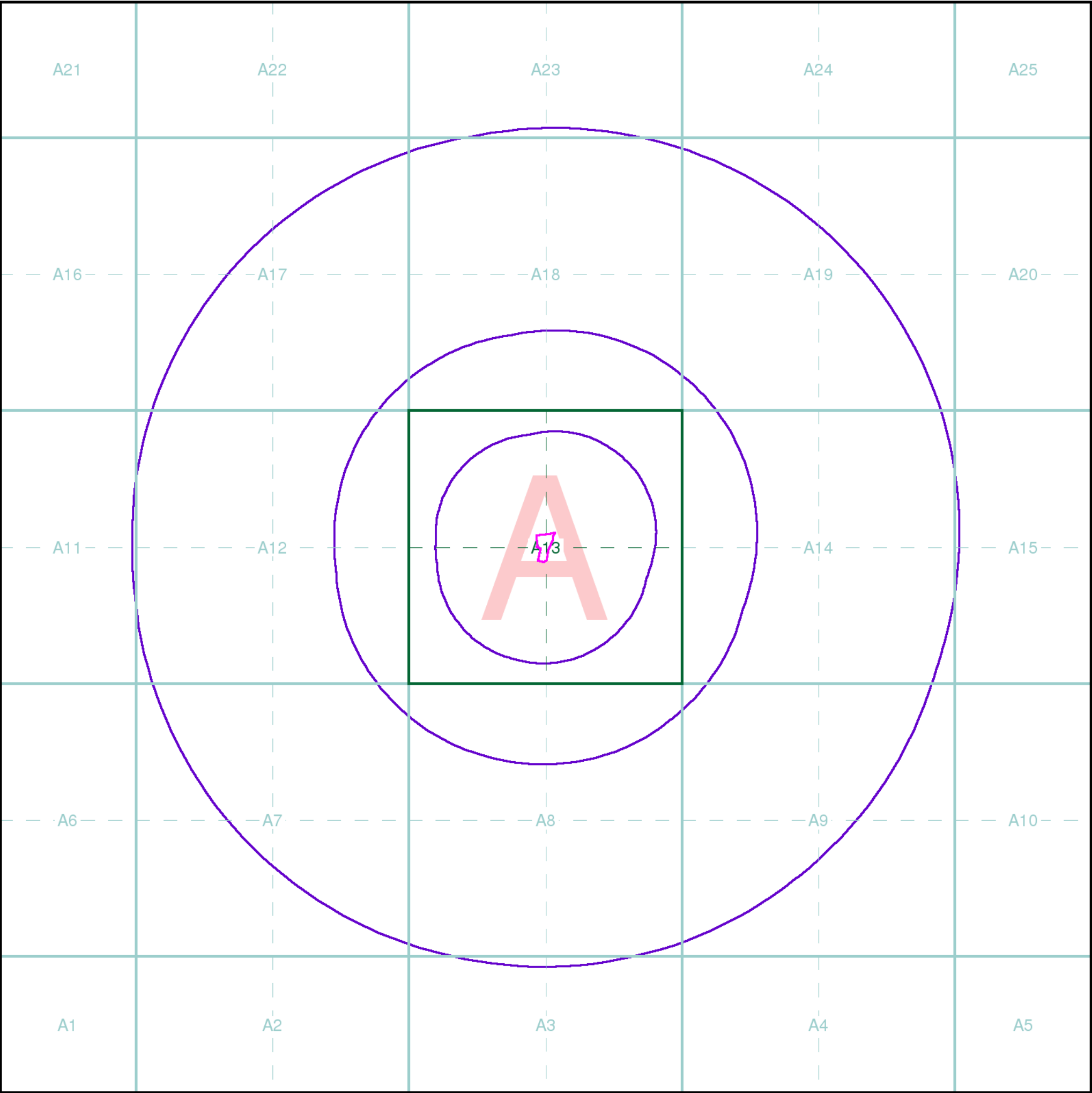
Order Details

Order Details: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU





Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details
MR D Spearman, Southern Testing, Keeble House, Stuart Way, East Grinstead, West Sussex, RH19 4QA

Order Details
Order Number: 365798626_1_1
Customer Ref: J15890 - SM
National Grid Reference: 524580, 115480
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details
Wick Farm, Truslers Hill Lane, Albourne, HASSOCKS, BN6 9DU

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



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