Land Science

FRITHKNOWLE FARM, PICTS LANE, COWFOLD RH13 8AN

PHASE 1 CONTAMINATION ASSESSMENT

BATCHELLER MONKHOUSE

23RD FEBRUARY 2024

LS7415

Site:	**FRITHKNOWLE FARM, PICTS LANE, COWFOLD RH13 8AN**
Title:	**PHASE I CONTAMINATION ASSESSMENT**
Project:	**DEMOLITION OF THE OPEN BARN IN THE CENTRE AND THE DEVELOPMENT OF THE SITE INTO RESIDENTIAL ANNEXE ACCOMMODATION**
Client:	**SOUTH LODGE ESTATE LLP**
Date:	**23rd FEBRUARY 2024**
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1.0 INTRODUCTION

1.1 General

Land Science was instructed to undertake a Phase I Contamination Assessment ("desk study") in relation to the proposed redevelopment at Frithknowle Farm. The location is shown on Figure 1, which is centred at grid reference TQ 21851 23973.

1.2 Client

The Client for this appointment was South Lodge Estate LLP. This report may only be used by this named client and their project team for the purposes set out and subject to the report conditions. It was understood that the Client already owned the property, and that this investigation was not a pre-purchase appraisal.

1.3 Area Under Investigation

The area under investigation comprised 4no barns (one was demolished to ground level with a sheltered open sided barn in the centre). The layout is indicated on Figure 2, and a walkover survey is presented in section 3.0. The area was approximately 0.05 hectares.

1.4 Proposed Development

The proposed development was understood to comprise the demolition of the open barn in the centre and the development of the site into residential annexe accommodation. The proposed development was covered under planning application number DC/23/1678 (Demolition of the open barn), and DC/23/1758 (The annexe accommodation) Figure 3 illustrates the layout of the proposed redevelopment. The findings of this report may be not valid if the proposed development is altered.

1.5 Previous Investigations

Land Science was not aware of any previous desk studies or ground investigation(s) for this project.

1.6 Scope of Work

The work carried out is described in detail in following sections but in summary included:

- A walkover survey.
- A desk study including review of an environmental data report, old maps, and other information.
- Formulation of a Conceptual Site Model (CSM)
- A preliminary Risk Assessment (PRA) including recommendations.

1.7 Geo-Environmental Objectives

A preliminary phase I assessment was carried out, to identify potential sources of contamination, to develop a preliminary Conceptual Site Model (CSM) and to form the basis of a Preliminary risk Assessment (PRA).

The reports were required to assess risks associated with end users, the proposed redevelopment, adjacent land uses, and the wider environment, in the context of the planning regime.

1.8 Standards

Where practicable, the investigation was undertaken in accordance with the following primary standards and guidance:

- Land Contamination Risk Management (LCRM) Environment Agency 2020
- BS10175:2011+A1:2013, Investigation of Potentially Contaminated Sites.
- National Planning Policy Framework, July 2018.
- Building Regulations Approved Document C: Site preparation and resistance to contaminants and moisture, HM Government, July 2013.
- NHBC Standards Chapter 4.1: Land Quality - Managing Ground Conditions, 2019.

Other technical sources have been cited in respect of specific aspects of the investigation, as referenced throughout the text.

2.0 WALKOVER SURVEY

2.1 General

A walkover survey was carried out to order to provide an assessment of the existing site conditions and to identify potential areas of concern. A record of the inspection is shown in Appendix A, with photographs in Appendix B.

2.2 Site Description

A number of barns were located around the area of investigation including 3no single storey brick-built barns, 1no 2 storey barn and 1no open barn in the centre. Each was used for various agricultural related purposes. Below is a plan showing the barns numbered to aid in their description.



Barn 1 was constructed of brick walls and had concrete flooring. The barn was an old workshop/ blacksmith area with tools and an old furnace present.

Barn 2 was constructed of brick and concrete walls with concrete flooring. The barn was previously a piggery with troughs and gates still present. It is currently being used as storage of inert items.

Barn 3 was constructed of brick walls and had concrete flooring. Like barn 2 the barn was previously a piggery with troughs and gates still present. The barn is being used as storage of inert items. At the rear of the barn there are two parking spaces with cars occupying them.

Barn 4 was constructed of brick walls and had bare compacted earth and stone as flooring. The barn is demolished with rubble on the ground there are some storage boxes still inside.

Barn 5 was constructed of brick walls and had concrete flooring, it is open sided to the east and west, it potentially has asbestos sheeting on the roof and the north and south sides. The barn is being used as storage of inert items.

The site is relatively flat. The ground on site surrounding the barns is a mixture between lawn and bare compacted earth and stone. Of site there are driveways and fields.

2.3 Neighbouring Land

The site was surrounded by fields in all directions, there is a residential dwelling to the north and east. The boundaries were formed by a wooden and metal fence to the east and west, hedgerows and a wooden fence to the north and trees approx. 5m in height to the south. There was a pond noted 7m to the southwest approx. 10m in length. One tree was noted onsite southwest of barn 3 approx. 5m in height. There are shipping containers and active building developments noted on the other side of the pond.

2.4 Geo-Environmental Conditions

With the exception of the workshop / blacksmith area, and the general use of the land for agricultural premises, the walkover survey did not identify any areas of particular concern regarding the geo-environmental condition of the site. No significant evidence of tanks, chemical storage, staining or sheens, bult up ground, contaminative land uses etc, were noted.

2.5 Geotechnical Conditions

The walkover survey did not identify any areas of particular concern regarding the geotechnical condition of the site. No trees or significant evidence of underground structures, ground instability, subsidence, wet areas, significant earthworks, etc, were noted.

3.0 DESK STUDY

3.1 General

A desk study was carried out to inform the preliminary conceptual understanding of the site and its setting, and to identify potential aspects of concern, in the context of the stated report objectives.

3.2 Historical Mapping

Various historical records were reviewed to assess potential historical land uses and activities that may impact on ground conditions at the site.

A set of historical ordnance survey maps was obtained from Envirocheck and a copy is presented in Appendix C. The following key features were noted:

On site:

- The earliest map dated 1875 showed the site comprised similarly to the present day except for barn 4 which was yet to be constructed.
- The 1897 mapping shows the construction of barn 4 and the 1911 mapping showed no changes.
- The following map of 1956-1967 shows the construction of barn 5. All the following maps 1957-1978, 1977, 1987, and 1993 are consistent with the present day.

Off site:

- The earliest map dates 1875 shows an area of trees to the northwest of the barns, there is also a dwelling adjacent to the trees consistent with the location of the dwelling presently. To the north there is a well approx. 15m away. “Picts Farm” is noted approx. 200m away to the east.
- In the 1897 mapping the trees to the northwest have been removed.
- The following map from 1950-1957 shows the redevelopment of the dwelling to the northwest. There is the addition of a pond consistent with the present day.
- The 1957-1978 and 1993 mappings are consistent with the present day.

3.3 Aerial Imagery

Recent aerial photography covering the site was examined using Google Earth Pro. The imagery identified the site remained unchanged since the recent aerial photography of 2001.

The historical map set included aerial photographs dated 1999. The imagery showed the site to be relatively unchanged since the last previous OS maps.

3.4 Current Industrial Land Use Data

The desk study included a search of contemporary land use records from various databases. Such land uses may impact on the condition of the site and the vicinity. The following significant land use information was identified:

Location	Dates	Records
248m NW	1980	Potentially infilled land
29m E	P J Miller, Picts Lane, Cowfold,	Category: Livestock Farming
141m N	-	Discharge Consent

Whilst other records were identified, these were unlikely to be significant in terms of this project due to a combination of their size, distance from the site, and the intervening geology and hydrogeology.

3.5 Ground Conditions

A preliminary ground model was derived for the site by based on a combination of various sources including published maps, borehole records, previous investigations, and the site history. In summary, the following potential ground model was identified:

Strata	Approximate Depth (mbgl)	Summary Description
Made Ground	<1.00	The site has been subject to previous development and there is a potential for construction and demolition wastes, imported fill materials, and zones of disturbed ground, etc.
Weald Clay Formation	To depth.	Dark grey thinly-bedded mudstones (shales) and mudstones with subordinate siltstones, fine- to medium-grained sandstones, including calcareous sandstone
Upper Tunbridge Wells Sand	To depth.	The unit comprises a complex succession of interbedded deposits with both upward-fining and upward-coarsening cycles. Thinly bedded silty mudstones, siltstones, silty sandstones and fine-grained sandstones are laterally persistent over long distances

The site is close to the boundary of the extent of the Weald Clay Formation and as such this strata may or may not be encountered on site.

3.6 Geological Hazards

The desk study included searches of geological hazards. None of the hazards were rated as moderate or above, considered the screening threshold for further investigation.

A search of various databases for coal mining, mining, brine compensation, and natural cavities was carried-out. No relevant features were identified.

3.7 Environmental Setting

The site lies in the following groundwater setting:

- Bedrock aquifer: The Weald Clay Formation was classified Unproductive Strata - Low permeability strata that have negligible significance for water supply or river base flow. The Upper Tunbridge Wells Sand strata was classified as a Secondary A - Permeable layers

capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

- Source protection zone: No groundwater Source Protection Zones were identified on site or in the vicinity.
- Flooding from Rivers and Sea: Zone 1 Low Probability - Land having a less than 1 in 1,000 annual probability of river or sea flooding.
- Surface water flooding on site: Very low risk - each year this area has a chance of flooding of less than 0.1%. Flooding from surface water is difficult to predict as rainfall location and volume are difficult to forecast. In addition, local features can greatly affect the chance and severity of flooding.
- Groundwater flooding on site: Flooding from groundwater is unlikely in this area. There is limited potential for groundwater flooding 15m to the south.
- Nearest surface water feature- A pond 7m southwest.
- There is a river/stream 100m to the east.
- The site is within a Nitrate vulnerable zone.

3.8 Radon Gas

The requirement for Radon Protection Measures (RPM) has been assessed in accordance with BRE 211:2015. Public Health England and the BGS estimate the potential for radon and the requirement for Radon Protection Measures on site as follows:

- Radon probability: Not at risk - less than 1% of homes are estimated by PHE to exceed the threshold for Radon gas in residential dwellings.
- Radon Protection Measures (RPM): No Radon protection is required for new dwellings or extensions constructed at this location.

4.0 CONCEPTUAL SITE MODEL (CSM)

4.1 Source-Pathway-Receptor (SPR) Model

The assessment of potential contamination risks follows a Source-Pathway-Receptor (SPR) approach, following established guidance and best practice. The principle of primary and secondary sources has been adopted:

- A **primary source** for instance a leaking tank or drainage, industrial activity, buried fill materials, etc, identified as part of the desk study and site walkover.
- A **secondary source** is the environmental media (or phases) in which any resulting contamination may occur, being soils, ground gases, volatile vapours, and groundwater:

Secondary source	Summary
Soil	Soils (Made Ground) contaminated with materials such as ash, clinker, bitumen, refuse, wastes, asbestos, etc [Endogenic] or soils contaminated by discharges, spillage, drainage, run-off, migration etc of contaminants from diffuse or point sources [Anthropogenic].
Ground water	Mobile contaminants entering groundwater, being either perched water (impermeable horizons such as clays or buried structures) or as a water table (more persistent water bodies within productive strata).
Volatile vapours	Volatile or semi-volatile compounds generating vapours which exist in a gas phase and may be generated from soils, groundwater or directly from storage such as underground tanks.
Ground gases	Ground gases occurring from a variety of natural and man-made sources, principally from the decomposition of waste materials, organic matter, organic contaminants. Examples include landfill sites, alluvium, and mine workings etc.

4.2 Qualitative Risk Assessment Framework

A qualitative estimate of risk associated with the identified source-pathway-receptor linkages has been made. Each source, pathway and receptor in each linkage is given a rating from 0-5, and the overall rating for the linkage is expressed as a multiple of the three numbers. The overall risk ratings are concluded in the next chapter (Preliminary Risk Assessment).

Rating	Source	Pathway	Receptor	SPR Linkage
Unlikely	0	0	0	0
Very Low	1	1	1	1-3
Low	2	2	2	4-17
Moderate	3	3	3	18-48
High	4	4	4	49-100
Very high	5	5	5	100+

The scoring is based on professional judgement and qualitative assessment of various factors:

Source - Whether it is on-site or off-site, the distance from the site, the age and time period, the history and evolution, whether it has been redeveloped and when, the overall magnitude or extent, any existing data or observations. Sources are identified from the conceptual site model.

Pathway - Proximity and relationship to the associated receptor, frequency, the ground conditions, flow directions, migration pathways. Pathways may vary between each source and each receptor.

Receptor - Direct or indirect effects, human health or non-human receptor, age classes, exposure duration and frequency, types of activity, materials, existing evidence of harm, quality of the receptor and significance of any harm. This will depend on any existing or proposed site uses.

Potential sources and Receptors are identified first, before identifying whether any active realistic pathways exist between them.

4.3 Primary Sources

Potential sources of contamination were identified and rated as follows:

Primary sources	Soils	Ground Water	Vapours	Ground Gases
Made Ground <1m - localised only	Low	Very Low	Very Low	Unlikely
Blacksmiths	Low	Very Low	Very Low	Unlikely
Agricultural land (farmyards)	Moderate	Low	Low	Unlikely
OVERALL RATING	Moderate	Low	Low	Unlikely

Made Ground may be present on-site associated with compacted trackways, yards with sub-bases, below current structures. These materials may contain a wide range of potential contaminants including metals, non-metals, organic contaminants, asbestos. Such contaminants may potentially be leachable and mobile through the action of groundwater. The age of Made Ground was such that it was unlikely to be a source of vapours. The depth and composition of Made Ground was not expected to be sufficient to be a significant source of ground gases.

Evidence of a small-scale blacksmith was noted within barn 1 (small forge. workbench) which may have been used to make metal items such as horseshoes etc. The furnace may have been fuelled with coal or wood, the combustion of which may have produced notable quantities of ash / clinker (source of metals and PAHs) which may have been spread within the farm as a base for farm tracks. Waste metals / slag may have also been produced and deposited on site.

As noted within the walkover, several potentially contaminative activities were noted at the site including:

- Use or storage of farmyard slurries / wastes.
- Asbestos (cement sheeting on the barns)

In addition, although not noted during the walkover, the following potentially contaminated sources are also associated with farms and may have occurred at the site.

- Storage of coal, coke

- Use or storage of farmyard slurries / wastes,
- Storage, handling and use of pesticides / herbicides, and
- Animal burials

No registered waste management facilities where landfilling has occurred were identified on site or within the vicinity. No significant naturally occurring sources of ground gases were identified.

An area of potentially infilled land 248m away, however the underlying geology in this area is Weald Clay Formation which impermeable nature would prevent any migration of potential ground gasses and as such the risk has been assessed as being unlikely.

4.4 Potential Receptors

The following potential receptors associated with the site and the proposed development have been considered in this report:

Receptor	Rating	Justification
End Users	High	The proposed development comprised the conversion of the barns into a residential annexe.
Adjacent Land	Low	Sensitive land uses identified locally. the site was surrounded by Agricultural fields in all direction with residential dwellings to the north and east.
Soft Landscaping	Low	The existing soft landscaping was to be retained.
Structural Concrete	Moderate	New foundations etc cast into the ground. The development was anticipated to include shallow foundations.
Water Supply Pipework	Moderate	Water supplies may become tainted when mains are laid in contaminated ground. New potable water mains are to be laid or the existing retained
Groundwater	Very Low	Water below ground in permeable strata. The site lies at the boundary of Weald Clay Formation (Unproductive strata) and Upper Tunbridge Wells Sand (Secondary A strata), and we have based this on worst case. No abstraction or source protection zones were noted on site or in the vicinity.
Surface Water	Low	River/ stream to the 100m to the east. Pond 7m to the southwest.

4.5 Receptors Excluded

The following potential receptors were excluded from the assessment as they are covered by other legislative controls and are outside the remit of this report.

- Ecological receptors such as statutory protected species or wildlife areas. An assessment of such risks was outside the scope of this report.
- Site workers such as those involved in construction work or future maintenance. Any risks posed to site workers would be controlled through Health & Safety legislation, including the CDM and COSHH regulations etc.

5.0 PRELIMINARY RISK ASSESSMENT (PRA)

5.1 SPR Linkages and Risk Ratings

The source-pathway-receptor linkages identified are summarised below:

Soils	Pathways	Rating	Receptor	Rating	Overall Rating
Moderate	Dermal contact with soil and soil-borne dust	High	End Users	High	**High**
Moderate	Ingestion of soil and soil-borne dust	High	End Users	High	**High**
Moderate	Inhalation of soil-borne dust	High	End Users	High	**High**
Moderate	Consumption of homegrown produce	Very high	End Users	High	**High**
Moderate	Inhalation of soil-borne dust	High	Adjacent Land	Low	**Moderate**
Moderate	Plant uptake, phytotoxic effects	High	Planting	Low	**Moderate**
Moderate	Chemical attack	High	Concrete	Moderate	**Moderate**
Moderate	Chemical attack	High	Pipework	Moderate	**Moderate**
Moderate	Leaching-out, migration to water table	High	Groundwater	Low	**Moderate**
Moderate	Leaching-out, migration to water bodies	High	Surface Water	Low	**Moderate**

Ground water	Pathways	Rating	Receptor	Rating	Overall Rating
Low	Direct contact	Unlikely	End Users	High	**Unlikely**
Low	Direct contact	Unlikely	Adjacent Land	Low	**Unlikely**
Low	Plant uptake, phytotoxic effects	Very Low	Planting	Low	**Low**
Low	Chemical attack	High	Concrete	Moderate	**Moderate**
Low	Chemical attack	Moderate	Pipework	Moderate	**Moderate**
Low	Migration to Controlled Water receptor	Low	Groundwater	Low	**Low**
Low	Lateral migration to water bodies	Unlikely	Surface Water	Low	**Unlikely**

Vapours	Pathways	Rating	Receptor	Rating	Overall Rating
Low	Inhalation, ignition	High	End Users	High	**Moderate**
Low	Inhalation, ignition	High	Adjacent Land	Low	**Low**
Low	Root asphyxiation, phytotoxic effects	High	Planting	Low	**Low**
Low	Not a significant hazard	-	Concrete	Moderate	**Unlikely**
Low	Chemical attack	High	Pipework	Moderate	**Moderate**
Low	Not a significant hazard	-	Groundwater	Low	**Unlikely**
Low	Not a significant hazard	-	Surface Water	Low	**Unlikely**

Ground Gasses	Pathways	Rating	Receptor	Rating	Overall Rating
Unlikely	Inhalation, ignition	High	End Users	High	**Unlikely**
Unlikely	Inhalation, ignition	Unlikely	Adjacent Land	Low	**Unlikely**

Unlikely	Root asphyxiation, phytotoxic effects	Low	Planting	Low	**Unlikely**
Unlikely	Not a significant hazard	-	Concrete	Moderate	**Unlikely**
Unlikely	Not a significant hazard	-	Pipework	Moderate	**Unlikely**
Unlikely	Not a significant hazard	-	Groundwater	Low	**Unlikely**
Unlikely	Not a significant hazard	-	Surface Water	Low	**Unlikely**

5.2 Other Factors

The following other areas of possible concern were identified, but were outside the geo-environmental risk assessment:

Wastes materials noted at the site including concrete with potential asbestos containing materials etc). were noted. An allowance should be made for removing such items as part of site preparation works.

Asbestos may exist within buildings on site, including for instance in cement boarding. An appropriate survey should be undertaken to assess the presence of asbestos within the building fabric.

Weil's Disease is a bacterial infection spread by animals caused by leptospira bacteria. Leptospirosis generally causes mild flu-like symptoms, such as headache, chills and muscle pain, but in severe cases can be life-threatening and cause organ failure and internal bleeding. Leptospirosis can be caught by touching soil or water contaminated with the urine of wild animals (generally cattle, pigs, dogs and rodents, particularly rats) infected with the bacteria. Higher risks may arise through contact with sewage or freshwater. Leptospirosis is rare in the UK; only 44 cases were reported in England and Wales during 2011 (15 originated overseas and none were fatal).

Damaging, disturbing or removing protected species can result in prosecution under a range of environmental legislation. Potential impacts on the ecological environment include:

- Disturbance of birds, badgers, bats and other protected species
- Removal and fragmentation of habitats
- Disturbance to aquatic wildlife and water quality
- Disturbance to wildlife from noise and vibration
- Damage to trees and hedgerows.

It is recommended that the advice of an appropriately qualified ecologist should be sought prior to undertaking any works.

6.0 SUMMARY PHASE I ASSESSMENT

6.1 Qualitative Ratings

Overall, the level of risk ranged between unlikely and High. Consequently, a **Moderate** level of risk has been assigned to the site in respect of the proposed development. This is primarily due to the site being on agricultural land and is to be developed with residential end use – annexe accommodation.

6.2 Recommendations

It would be necessary to undertake basic ground investigation works, which may include;

- Shallow boreholes, or trial pits, to assess the composition and depth of any Made Ground and any field evidence of contamination into the underlying soils.
- Selected soil and water samples (if present) (including materials bearing field evidence of contamination) should be sent for laboratory analysis. The main analytical suite is identified below.
- Soil samples should be screened for vapours using a Photoionisation Detector (PID).

The analytical suite, based on the known site history and walkover survey, should include:

- General parameters: Acidity (pH), fraction of organic carbon.
- Soil leachate testing should be considered in order to assess the potential impact on controlled waters. This might be considered along with Waste Acceptance Criteria testing.
- A selection of shallow samples should be screened for pesticides and herbicides.
- Metals; Arsenic, Cadmium, Chromium (total), Lead, Mercury, Selenium, Boron, Copper, Nickel and Zinc.
- Non metals: water soluble Sulphate, Sulphide, total Cyanide
- Targeted organic parameters; TPH, BTEX, Speciated PAHs, scheduled based on PID screening and field evidence etc.
- Visual asbestos screening of all Made Ground samples and shallow surface samples around buildings containing pACM's. Where possible asbestos fibres or ACMs are identified, these should be examined under a microscope to determine type.

Further positions may be required, additional samples analysed or additional determinands added to the analysis, as appropriate, based on any field evidence of possible contamination encountered.

It would be prudent to confirm the scope of ground investigation works with the Local Authority and other stakeholders before carrying out these works.

REFERENCES

A number of technical references have been referred to in the preparation of this document, including:

- Smith, I. (2014) Smith's Elements of Sil Mechanics. Chichester. Wiley Blackwell. 9th Edition.
- Highways England 2009. Interim Advice Note 73/06 revision 1: Design Guidance for Road Pavement foundations (draft HD25)
- BRE Design Guide 365. Soakaway design ("DG365")
- Radon: Guidance on protective measures for new buildings, BRE Report BR 211, 2015 2ND edition
- Groundwater protection: Principles and practice (GP3) August 2013 Version 1.1
- Revised EU Waste Framework Directive 2008 2008/98/EC [transposed into English law under The Waste (England and Wales) Regulations 2011]
- European Community (EC) Directive 1999/31/EC [transposed into English law under the Landfill (England and Wales) Regulations 2002]
- Defining Waste Recovery - Permanent Deposit of Waste on Land, EPR13 v1.0, EA 2010
- The definition of waste: Development Industry Code of Practice, v2, CL:AIRE 2011
- Guidance on the classification and assessment of waste Technical Guidance WM3 ("WM3") EA publication (1st edition 2015)

REPORT CONDITIONS

The Client

This report may also be used only by the client named in section 1 and their appointed project team for the purpose of design, obtaining planning, building regulations approval, and in connection with finance. This report must not be used by any other persons or for other purposes without express written agreement of Land Science.

General

Land Science takes all reasonable professional care in preparation of this report, using current standards and industry practice. However, the evaluation of ground conditions depends on an interpretation and extrapolation of the conditions revealed by a limited data set. The level of risk is related to the extent of investigation and no site is ever free of risk. The client should understand their risks and liabilities. We accept no liability whatsoever in respect of:

- The scope, extent or design of an investigation.
- Any conditions not directly revealed by the investigation.
- Published standards or methodologies used or adopted in this report.
- The opinion of any other party including any regulator, authority or stakeholder.
- Any dispute, claim or consequential loss arising from any findings of this report.
- Third party information and data.

This report relates solely to ground-related matters as set out in the objectives and makes no representation on other matters such as ecology, arboriculture, invasive plant species, the condition of buildings and structures, hazardous building materials such as insulation or asbestos, the locations of boundaries, unexploded ordnance, and or planning constraints etc. Further reports should be commissioned in this respect as appropriate.

Regulators and Approvals

This (and any other) report should be submitted to relevant authorities for their own assessments and to provide their approval or comments accordingly. This should be in good time before commencing on site in case additional work is to be carried out.

Standards, technical guidance and regulatory positions change over time and which may therefore affect the findings and recommendations made in this report; this should be verified by the client prior to any critical project milestones. Where this information is used in design, the designer should verify that the information is appropriate and has been used correctly.

Variations with time

The report relates to conditions revealed at the time of the investigation and any monitoring visits. Some parameters may vary over time or seasonally; groundwater levels, ground gas compositions, or concentrations of contaminants are particularly variable in this respect. Further monitoring or verification should be considered as appropriate.

GLOSSARY OF TERMS

ACM	Asbestos Containing Material
BGS	British Geological Survey
BRE	Building Research Establishment
BS	British Standard
C4SL	Category 4 Screening Level
CBR	California Bearing Ratio
CDM	Construction Design and Management regulations
CIRIA	Construction Industry Research and Information Association
CL:AIRE	Contaminated Land: Applications in Real Environments
CLEA	Contaminated Land Exposure Assessment model
CSM	Conceptual Site Model
EA	Environment Agency
EQS	Environmental Quality Standards
FOC	Fraction of Organic Carbon
GAC	Generic Assessment Criterion
GQRA	Generic Quantitative Risk Assessment
mbgl	Meters Below Ground Level
NHBC	National House Building Council
mOD	Metres above Ordnance Datum
PAH's	Polycyclic Aromatic Hydrocarbons
PHE	Public Health England
PID	Photo-Ionisation Detector
PQRA	Preliminary Quantitative Risk Assessment
PSD	Particle Size Distribution Test
RMS	Remediation Method Statement
S4UL	Suitable for Use Level
SOM	Soil Organic Matter
SPZ	Source Protection Zone
SPT	Standard Penetration Test
SSSI	Sites of Special Scientific Interest
ST-WEL	Short Term Workplace Exposure Limit
SVOC's	Semi-Volatile Organic Compounds
TPH	Total Petroleum Hydrocarbons
TRRL / TRL	Transport Road Research Laboratory
TWA-WEL	Time Weighted Average Workplace Exposure Limit
UK HBF	United Kingdom House Building Federation
VOC's	Volatile Organic Compounds
WAC	Waste Acceptance Criteria

FIGURES

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Land Science	Title: Site Location		Reference: LS7415
	Project: Frithknowle Farm, Picts Ln, Cowfold RH13 8AN		Figure: 1
	Client: Batcheller Monkhouse		Date: 23/02/2024
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Land Science	Title: Existing Location		Reference: LS7415
	Project: Frithknowle Farm, Picts Ln, Cowfold RH13 8AN		Figure: 2
	Client: Batcheller Monkhouse		Date: 16/02/2024
	Prepared by: ON	Checked by: ET	Version: 01	Sheet: 2 of 2

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Locations are indicative. Not to scale



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Land Science	Title: Proposed Layout		Reference: LS7415
	Project: Frithknowle Farm, Picts Ln, Cowfold RH13 8AN		Figure: 2
	Client: Batcheller Monkhouse		Date: 01/02/2024
	Prepared by: ON	Checked by: ET	Version: 01	Sheet: 3 of 3

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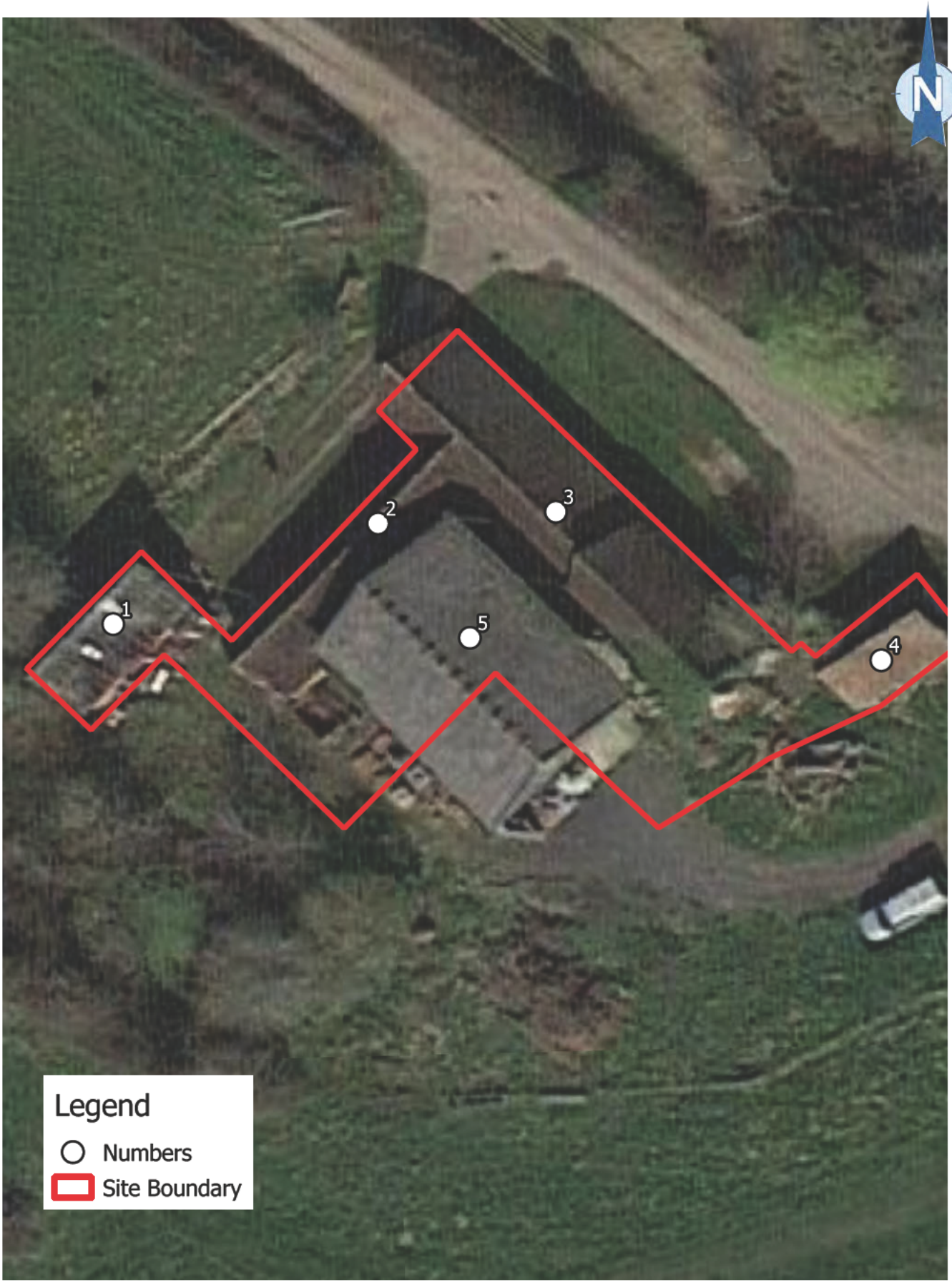
Locations are indicative. Not to scale



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Land Science	Title: Current Site Layout Numbered		Reference: LS7415
	Project: Frithknowle Farm, Picts Ln, Cowfold RH13 8AN		Figure: 3
	Client: Batcheller Monkhouse		Date: 21/02/2024
	Prepared by: ON	Checked by: ET	Version: 01	Sheet: 4 of 4

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APPENDIX A

SITE WALKOVER RECORD

The walkover is restricted only to aspects related to the Land Science report and the stated objectives therein. The walkover does not replace other surveys such as asbestos, arboriculture, ecology, utilities etc which the client should consider. The client should review the walkover and provide any further relevant information where available.

SITE DETAILS			
Project	*Frithknowle Farm, Picts Lane, Cowfold RH13 8AN*		
Reference	*LS7415*	**Date of walkover**	*12/02/2024*
Engineer	*Oscar Nawn*		
CURRENT USE			
Existing land uses	*The 5 are used as storage of inert items. Barn 1 is an old workshop with tools and an old furnace. At the rear of barn 3 there are 2 garage spaces with cars in. Barn 2 and 3 is an old piggery. Barn 4 which is demolished has some storage boxes inside. Barn 5 has storage of inert items.*		
Status	*All the barns are unused, barn 4 is demolished with the rubble on the floor.*		
Suspected asbestos	*The centre barn on the roof and sides.*		
Below ground structures	*No immediate evidence.*		
Hardstandings	*Barns 1,2,3 and the area to be demolished in the centre of the site have concrete floors.*		
Soft landscaping	*Barn 4 and the pathways are bare compacted earth and stone. There is lawn around the barns.*		
General condition	*Old, derelict.*		
Boundaries	*To the east and west there is a wood and metal fence* *To the north there are hedgerows and a wooden fence* *To the south there are trees approx. 5m in height*		
Adjacent land uses	*Fields in both direction.*		
TOPOGRAPHY			

General lie of the land	*On a relative flat low lying plane.*
General lie of the site	*Sensibly flat and level.*
Abrupt changes in slope	*None recorded.*
Excavations and Depressions	*N/A.*
Raised ground	*N/A.*
GROUND STABILITY	
Signs of landslip	*N/A.*
Cracking in buildings and walls etc	*N/A.*
Subsidence on ground surface	*N/A.*
GROUND CONDITIONS	
Possible filled-in ground	*N/A.*
Possible built-up ground	*N/A.*
Exposed soils	*N/A.*
Desiccation	*N/A.*
Disturbance	*N/A.*
WATER CONDITIONS	
Wet boggy ground	*N/A.*
Wells and ditches	*N/A.*

Ponds or ponding	*To the north approx. 10m in length.*
Streams / Rivers	*N/A.*
ECOLOGY	
Burrows	*N/A.*
VEGETATION	
Reeds or water loving plants	*N/A.*
Sparse growth or die back	*N/A.*
Invasive species	*N/A.*
TREES	
Relevant trees height/species	*Southwest of barn 3 approx. 5m in height.*
Off-site	*South of site 10-15 trees approx. 5m in height*
Hedgerows	*North of the buildings down the road.*
Recent felling and older stumps	*N/A.*
CONTAMINATION	
Tipped materials	*N/A.*
Areas of possible fill	*N/A.*
Discolouration/sheens of waterbodies	*N/A.*
Surface staining	*N/A.*

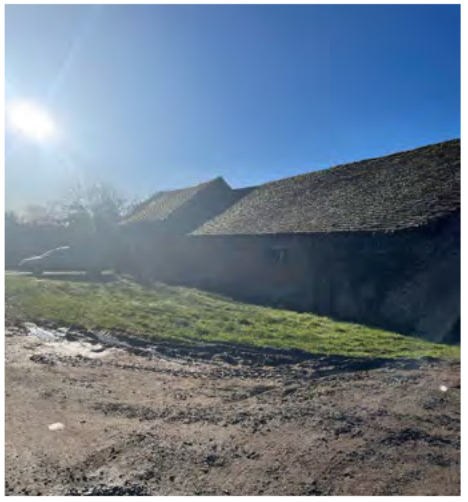
Chemicals storage	*Helium tank in barn 3.*
Drums and tanks	*Gas Tank in barn 2.*
Petrol interceptor	*N/A.*
Soakaways	*N/A.*
LOCAL INFORMATION	
Place/road names	*N/A.*
3rd party information	*Information from owners / occupiers / neighbours*
OTHER INFORMATION	

APPENDIX B







Land Science	**TITLE:**	Supplementary Investigation Layout	**REF:**	LS7415	**PREPARED:** ON
	PROJECT:	Frithknowle Farm, Picts Lane, Cowfold RH13 8AN	**FIGURE:**	3	**CHECKED:** ET
	CLIENT:	Batcheller Monkhouse	**DATE:**	13/02/2024	**VERSION** v1

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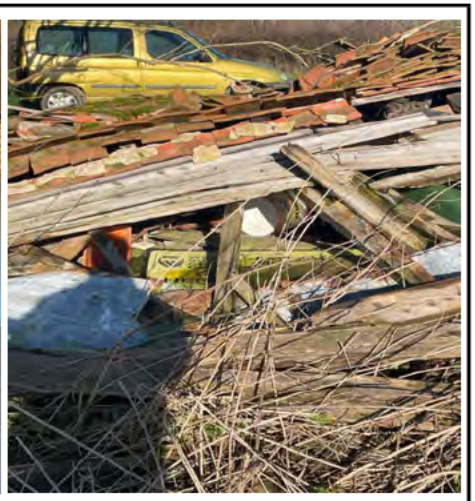
UNIT 10, 19 ALBERT DRIVE BURGESS HILL, **WEST SUSSEX**, RH15 9TN







Land Science	**TITLE:**	Supplementary Investigation Layout	**REF:** LS7415	**PREPARED:**	ON
	PROJECT:	Frithknowle Farm, Picts Lane, Cowfold RH13 8AN	**FIGURE:** 3	**CHECKED:**	ET
	CLIENT:	Batcheller Monkhouse	**DATE:** 13/02/2024	**VERSION**	v1

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UNIT 10, 19 ALBERT DRIVE BURGESS HILL, **WEST SUSSEX**, RH15 9TN

APPENDIX C

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
334941472_1_1

Customer Reference:
LS7415

National Grid Reference:
521840, 123980

Slice:
A

Site Area (Ha):
0.05

Search Buffer (m):
1000

Site Details:

Frithknowle Farm, Picts Lane
Cowfold
HORSHAM
RH13 8AN

Client Details:

[redacted]

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	22
Hazardous Substances	-
Geological	23
Industrial Land Use	27
Sensitive Land Use	29
Data Currency	31
Data Suppliers	37
Useful Contacts	38

Introduction

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

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Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		2	4	14
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7				(*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	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 7	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	pg 7		Yes	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 8		8	10	106

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 22	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 22		1		1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 23	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 23	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 25			2	
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 26	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 26	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 26		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 26	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 26		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 26	Yes	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 27		1		2
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 27		5		2
Points of Interest - Public Infrastructure	pg 27		2	2	5
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 29		2	4	13
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty	pg 30		1		
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 30	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	A13SW (S)	15	1	521836 123950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	86	1	521900 123900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	89	1	521950 123977
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	139	1	522000 123977
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	141	1	522000 124000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	154	1	521950 123850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	166	1	521850 123800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	185	1	521750 123800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	212	1	521600 123950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	215	1	521836 123750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	232	1	521750 123750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	268	1	521800 123700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	270	1	522100 124100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	309	1	521600 123750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	315	1	521550 123800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	317	1	521800 123650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	319	1	521650 123700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	327	1	521750 123650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	361	1	522200 124100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	365	1	521850 123600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	366	1	522150 124200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	390	1	521700 123600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	415	1	521836 123550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	436	1	522200 124250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	465	1	521850 123500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	465	1	521836 123500
1	**Discharge Consents** Operator: N.Swaffer & B.J.Hyde Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 24 Taintfiled Cottages, Picts Lane, Cowfold West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01629 Permit Version: 1 Effective Date: 25th July 1988 Issued Date: 25th July 1988 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A13NE (N)	141	2	521890 124120
2	**Discharge Consents** Operator: Mr J B Long Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Brooklands, Picts Lane, Cowfold Brooklands, Picts Lane, Cowfold, West Sussex, Rh13 8an Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P12505 Permit Version: 1 Effective Date: 10th August 2005 Issued Date: 10th August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib Of Cowfold Stream **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	A13NE (NE)	150	2	521970 124080
3	**Discharge Consents** Operator: V A G Tregear Esq Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Gratfield Cottage, Picts Lane, Cowfold, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01274 Permit Version: 1 Effective Date: 9th November 1987 Issued Date: 9th November 1987 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	304	2	522110 124150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: C Barwick Esq Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 2 Tollgate Cottages, Crabtree, LOWER BEEDING Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02645 Permit Version: 1 Effective Date: 3rd June 1970 Issued Date: 3rd June 1970 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	305	2	521670 124250
5	**Discharge Consents** Operator: Mr Gordon And Mrs Alexandra Tregar Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 28/29 Pound Houses Picts Lane, Cowfold, Horsham, West Sussex, Rh13 8an Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd009695 Permit Version: 1 Effective Date: 16th November 2009 Issued Date: 16th November 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ditch Ldng To Cowfield Stream **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	A14SW (SE)	441	2	522245 123759
6	**Discharge Consents** Operator: Keith And Christine Hook Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Kiln Cottage Long Hill, Brighton Road, Crabtree, Lower Beeding, Horsham, West Sussex, Rh13 6nj Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd010013 Permit Version: 1 Effective Date: 13th January 2010 Issued Date: 13th January 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ditch-Trib Of Cowford Stream **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	A18SW (N)	450	2	521797 124440
7	**Discharge Consents** Operator: Mr S Alagaratham Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Homelands Nursing Home, Horsham Road, Cowfold, Horsham, West Sussex, Rh13 8aj Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P06623r Permit Version: 1 Effective Date: 1st April 1997 Issued Date: 1st April 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **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	A12NE (W)	501	2	521310 124000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: D. Mulholland Esq. Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Homelands Nursing Home, Horsham Road, Cowfold, Horsham, West Sussex, Rh13 8aj Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01391 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	501	2	521310 124000
8	**Discharge Consents** Operator: Homelands Nursing Home Property Type: DENTIST/HOSPITAL/NURSING HOME (MEDICAL)/HUMAN HEALTH Location: Homelands Nursing Home, Horsham Road, Cowfold, West Sussex, Rh13 8aj Authority: Environment Agency, Southern Region Catchment Area: Old-River Adur 60 Reference: S00005l Permit Version: 1 Effective Date: 21st October 1981 Issued Date: 21st October 1981 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Lake/Reservoir - with outlet Receiving Water: Freshwater Stream Or River **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A12NE (W)	551	2	521260 123980
9	**Discharge Consents** Operator: Mr T R Dickson Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: New Dwelling, Land At Westridge Fm New Dwelling, Land Adjacent To Westridge Farm, Kent Street Lane, Cowfold, West Sussex, Rh13 8bb Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P12546 Permit Version: 1 Effective Date: 27th October 2005 Issued Date: 27th October 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Adur **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	A8NE (S)	622	2	521930 123350
10	**Discharge Consents** Operator: Mr & Mrs Tregear Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Hooklands Barn, Cowfold Hooklands Barn, Picts Lane, Cowfold, West Sussex, Rh13 8an Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P12357 Permit Version: 1 Effective Date: 1st September 2005 Issued Date: 22nd April 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib. Cowfold Stream **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 (NE)	626	2	522390 124310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: Mr Shane Colvin Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Chatfield Farm Cottages Brighton Road, Lower Beeding, Horsham, West Sussex, Rh13 6tl Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd010424 Permit Version: 1 Effective Date: 5th February 2010 Issued Date: 5th February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Whites Pond **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	A18SW (NW)	648	2	521503 124549
11	**Discharge Consents** Operator: Mr P F J Colvin Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Chatsfield Farm, Woldringfold, Lower Beeding, Horsham, W Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P08051 Permit Version: 1 Effective Date: 9th February 2000 Issued Date: 9th February 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	650	2	521500 124550
12	**Discharge Consents** Operator: Mrs P Reed Property Type: Undefined Or Other Location: West Cotlands, Horsham Road, Cowfold, West Sussex, Rh13 8ah Authority: Environment Agency, Southern Region Catchment Area: Old-River Adur 60 Reference: P00872 Permit Version: 1 Effective Date: 13th April 1987 Issued Date: 13th April 1987 Revocation Date: 31st March 1997 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips) Discharge Environment: Lake/Reservoir - with outlet Receiving Water: Freshwater Stream Or River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	657	2	521380 123480
13	**Discharge Consents** Operator: Dr Bharat Shenoy Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hill Farm House Horsham Road, Cowfold, Horsham, West Sussex, Rh13 8al Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprmb3591en Permit Version: 1 Effective Date: 9th April 2019 Issued Date: 9th April 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of Cowfold Stream **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A12SW (W)	713	2	521118 123809

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Discharge Consents** Operator: The Occupier Property Type: Undefined Or Other Location: Brook Farm, Cowfold Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01484 Permit Version: 1 Effective Date: 13th May 1966 Issued Date: 13th May 1966 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A8SW (S)	731	2	521610 123270
15	**Discharge Consents** Operator: M Tidy Esq. Property Type: Undefined Or Other Location: Brook Farm, Horsham Road, Cowfold West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01956 Permit Version: 1 Effective Date: 30th January 1989 Issued Date: 30th January 1989 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	869	2	521380 123220
16	**Discharge Consents** Operator: Peppersgate Management Company Limited Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Residential Development At Site, Formally Known As Peppersgate, Ferm, Crabtree, Brighton Road,, Lower Beeding, Horsham, W. Susse Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07463 Permit Version: 1 Effective Date: 21st May 1999 Issued Date: 21st May 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **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	A18NE (N)	915	2	522150 124850
17	**Discharge Consents** Operator: Mr Tidy Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Brook Farm Cottage & 2 Other Cott. Horsham Road, Cowfold, Horsham, West Sussex, Rh13 8ah Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P11905 Permit Version: 1 Effective Date: 22nd October 2003 Issued Date: 22nd October 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Ditch To River Adur East **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	A7SE (SW)	930	2	521400 123140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	**Discharge Consents** Operator: V.A.G.Tregear Esq. Property Type: Undefined Or Other Location: Peppersgate Farm, Brighton Road, Lower Beeding West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01419 Permit Version: 1 Effective Date: 25th February 1988 Issued Date: 25th February 1988 Revocation Date: 17th April 2000 Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River 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)	981	2	522150 124920
	Nearest Surface Water Feature	A13SW (SW)	7	-	521820 123964
	Water Abstractions Operator: A Taylor Esq Licence Number: 23/056 Permit Version: Not Supplied Location: Prings Farm, MAPLEHURST Authority: Environment Agency, Southern Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Tributary Of Cowfold Stream (Tributary Of Adur) 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	A22NW (NW)	1860	2	521000 125655
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (SE)	0	3	521836 123977
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (SE)	0	3	521836 123977
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	109	2	521945 123905
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 939.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	118	4	521934 123884
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 531.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (W)	210	4	521604 123938
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (W)	223	4	521589 123955
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	232	4	521580 123996
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	248	4	521567 124022
24	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	248	4	521575 124053
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	248	4	521575 124053
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 338.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	248	4	521576 124057
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	291	4	521524 124027

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	297	4	521519 124027
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 200.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	357	4	521756 123618
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 138.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	365	4	522121 124233
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	366	4	522122 124232
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	461	4	521521 124336
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	461	4	521537 124348
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (NE)	485	4	522211 124312
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 662.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (NE)	486	4	522215 124310
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	500	4	521550 124404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 76.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: White's Pond Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	506	4	521552 124412
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 234.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	518	4	521293 123998
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	518	4	521293 123999
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 192.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	523	4	522211 124365
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 282.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	523	4	522211 124365
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	524	4	521767 123446
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	525	4	521474 124379
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	525	4	521474 124379
45	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	526	4	521421 124328

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 60.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	531	4	521760 123439
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	541	4	521413 124342
48	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	543	4	521419 124351
49	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	558	4	521573 124486
50	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 138.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: White's Pond Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	558	4	521573 124486
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	565	4	521250 124042
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	566	4	521583 124499
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	568	4	521247 124044
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	588	4	522122 124505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 191.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	588	4	522122 124505
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	589	4	521768 123380
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 457.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	600	4	521776 123368
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	677	4	521147 123843
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	680	4	521144 123839
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	685	4	521482 124580
61	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 39.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: White's Pond Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	685	4	521482 124580
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	713	4	521117 124139
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	713	4	521117 124139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 91.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	716	4	521454 123354
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	716	4	521454 123354
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	722	4	521454 124607
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 272.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	727	4	521572 123287
68	**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	A18SW (NW)	735	4	521499 124647
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 86.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (NW)	741	4	521500 124654
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	742	4	521718 124725
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 223.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	744	4	521722 124727
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (SW)	746	4	521499 123297

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	748	4	521492 123298
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	751	4	521086 123778
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	757	4	521742 123215
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 235.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	758	4	521742 123214
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 159.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	759	4	521081 123770
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (NE)	761	4	522153 124681
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 161.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	765	4	521491 123280
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 243.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (NE)	770	4	522156 124690
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	773	4	521364 123345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	774	4	521077 124221
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	777	4	522291 124625
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	778	4	521074 124225
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 230.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	783	4	522291 124632
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	789	4	521360 123327
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	795	4	521348 123329
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	801	4	521377 124651
89	**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)	801	4	521377 124651
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (NW)	813	4	521512 124739

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (NW)	816	4	521513 124743
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	830	4	521864 123136
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	831	4	521339 124662
94	**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	A12NW (W)	831	4	521033 124267
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	835	4	521029 124269
96	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Broomfield Pond Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	836	4	521336 124665
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	839	4	521883 123127
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	847	4	521877 123120
99	**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	A8SE (S)	854	4	521886 123112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	858	4	521030 123620
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	860	4	521887 123107
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	866	4	521938 123105
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	868	4	521937 123103
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	870	4	521903 123098
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 160.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	871	4	521937 123100
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 518.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	872	4	521333 123246
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	882	4	521905 123086
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	883	4	521895 123084

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 863.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	887	4	522134 123130
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	890	4	521921 123079
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	901	4	521919 123068
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NW (N)	903	4	521521 124839
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NW (N)	904	4	521520 124840
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 152.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NW (N)	906	4	521518 124841
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NW (N)	911	4	521525 124849
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 266.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NW (N)	913	4	521526 124852
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	918	4	521921 123051

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	922	4	521933 123048
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	929	4	521917 123040
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	930	4	521901 123038
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	947	4	521906 123020
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	947	4	521922 123022
123	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 30.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Broomfield Pond Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	951	4	521320 124792
124	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 68.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A17NE (NW)	951	4	521320 124792
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 232.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	953	4	521909 123015
126	**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	A18NW (N)	956	4	521758 124945

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	960	4	521758 124949
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NW (N)	964	4	521758 124953
129	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 39.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Broomfield Pond Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	971	4	521291 124798
130	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	971	4	521291 124798
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	973	4	522710 124451
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 257.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	973	4	522689 124486
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	980	4	522721 124446
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	980	4	522725 124436
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A17NE (NW)	987	4	521352 124853

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 31.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	988	4	522160 124923
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A17NE (NW)	990	4	521368 124866
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	991	4	521282 124816
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	992	4	522013 122989
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 229.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	993	4	522012 122988
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 143.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Jobscastle Gill Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	997	4	521254 124804
142	**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	A19NW (NE)	1000	4	522356 124846

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Horsham District Council - Has supplied landfill data		0	5	521836 123977
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	521836 123977
143	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A13NW (NW)	248	-	521701 124202
144	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A14NE (E)	976	-	522824 124132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Wealden Group	A13SW (SE)	0	1	521836 123977
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 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	A13SW (SE)	0	1	521836 123977
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	9	1	521843 123958
	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	A13SE (SE)	105	1	521938 123901
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	124	1	521981 124006
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	140	1	521889 123836
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	174	1	522035 123977

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 Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	262	1	522115 124038
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	287	1	521557 123842
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	293	1	522081 124170
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	309	1	522092 124181
	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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	604	1	521630 124560
	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	A8SE (S)	722	1	521904 123246

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 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	A8SW (S)	965	1	521836 123000
	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	A8SE (S)	968	1	521905 123000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 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	A8SW (S)	968	1	521761 123000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 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	A8SE (S)	972	1	522171 123052
145	**BGS Recorded Mineral Sites** Site Name: Pict'S Farm Location: Cowfold, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152151 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Upper Tunbridge Wells Sand Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	338	1	521862 123628
146	**BGS Recorded Mineral Sites** Site Name: Crabtree Brick Field Location: Crabtree, Lower Beeding, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 152140 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	344	1	521677 124298
	BGS Measured Urban Soil Chemistry No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	105	1	521938 123901
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	105	1	521938 123901
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	76	1	521929 123943
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	105	1	521938 123901
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	521836 123977
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	9	1	521843 123958
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	56	1	521916 123982
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	124	1	521981 124006
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	174	1	522035 123977
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	182	1	521989 123846
	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	A13SW (SE)	0	1	521836 123977
	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	A13SW (SE)	0	1	521836 123977

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	**Contemporary Trade Directory Entries** Name: Tudor Diamonds Location: Picts Farm, Picts Lane, Cowfold, Horsham, West Sussex, RH13 8AN Classification: Diamond Tool Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	241	-	522060 123840
148	**Contemporary Trade Directory Entries** Name: Moulded Acrylic Products Location: Unit 2/4, Brook Farm, Horsham Road, Cowfold, Horsham, West Sussex, RH13 8AH Classification: Lamination & Encapsulation Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	927	-	521368 123161
148	**Contemporary Trade Directory Entries** Name: John Hollis Location: Unit 3, Brook Farm, Horsham Road, Cowfold, Horsham, West Sussex, RH13 8AH Classification: Cabinet Makers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	933	-	521353 123162
149	**Points of Interest - Manufacturing and Production** Name: P J Miller Location: Picts Lane, Cowfold, Horsham, RH13 8AN Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NE (E)	29	7	521889 123981
149	**Points of Interest - Manufacturing and Production** Name: P J Miller Location: Picts Lane, Cowfold, Horsham, RH13 8AN Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NE (E)	29	7	521889 123981
150	**Points of Interest - Manufacturing and Production** Name: Tank Location: RH13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SE (SE)	223	7	522020 123820
150	**Points of Interest - Manufacturing and Production** Name: Tanks Location: RH13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	229	7	522025 123816
150	**Points of Interest - Manufacturing and Production** Name: Tank Location: RH13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SE (SE)	239	7	522037 123814
151	**Points of Interest - Manufacturing and Production** Name: Solar Panels Location: RH13 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	766	7	521688 123214
152	**Points of Interest - Manufacturing and Production** Name: Tank Location: RH13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (S)	958	7	521491 123071
153	**Points of Interest - Public Infrastructure** Name: Sluice Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	137	7	521906 123846

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	**Points of Interest - Public Infrastructure** Name: Sluice Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	141	7	521902 123840
154	**Points of Interest - Public Infrastructure** Name: Filter Bed Location: RH13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	445	7	521400 123805
154	**Points of Interest - Public Infrastructure** Name: Filter Bed Location: RH13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	450	7	521393 123808
155	**Points of Interest - Public Infrastructure** Name: Sluice Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	504	7	521563 124417
155	**Points of Interest - Public Infrastructure** Name: Sluice Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	510	7	521550 124416
156	**Points of Interest - Public Infrastructure** Name: Weir Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	746	7	522157 124663
156	**Points of Interest - Public Infrastructure** Name: Weir Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	751	7	522163 124666
157	**Points of Interest - Public Infrastructure** Name: Sluice Location: RH13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	999	7	522772 123567

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	**Ancient Woodland** Name: Not Supplied Reference: 1478117 Area(m²): 7256.82 Type: Ancient and Semi-Natural Woodland	A13SE (E)	182	8	522038 123936
159	**Ancient Woodland** Name: Not Supplied Reference: 1478116 Area(m²): 4231.06 Type: Ancient and Semi-Natural Woodland	A13NE (E)	195	8	522045 124042
160	**Ancient Woodland** Name: Not Supplied Reference: 1478119 Area(m²): 21708.32 Type: Ancient and Semi-Natural Woodland	A13NW (W)	254	8	521576 124073
161	**Ancient Woodland** Name: Not Supplied Reference: 1478807 Area(m²): 13578.91 Type: Ancient and Semi-Natural Woodland	A18SE (N)	415	8	521859 124405
162	**Ancient Woodland** Name: Not Supplied Reference: 1478118 Area(m²): 12598.63 Type: Ancient and Semi-Natural Woodland	A18SW (NW)	454	8	521514 124319
163	**Ancient Woodland** Name: Not Supplied Reference: 1478943 Area(m²): 36336.31 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	468	8	522222 124274
164	**Ancient Woodland** Name: Not Supplied Reference: 1478226 Area(m²): 6802.6 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	688	8	521483 124584
165	**Ancient Woodland** Name: Not Supplied Reference: 1478511 Area(m²): 1717.72 Type: Plantation on Ancient Woodland	A12NW (W)	744	8	521083 124129
166	**Ancient Woodland** Name: Not Supplied Reference: 1478805 Area(m²): 13281.32 Type: Ancient and Semi-Natural Woodland	A12NW (W)	747	8	521064 123992
167	**Ancient Woodland** Name: Not Supplied Reference: 1478806 Area(m²): 12344.22 Type: Plantation on Ancient Woodland	A12NW (W)	747	8	521076 124109
168	**Ancient Woodland** Name: Not Supplied Reference: 1478873 Area(m²): 17068.25 Type: Plantation on Ancient Woodland	A19SE (NE)	752	8	522517 124343
169	**Ancient Woodland** Name: Not Supplied Reference: 1478942 Area(m²): 4276.42 Type: Ancient and Semi-Natural Woodland	A18NE (NE)	766	8	522143 124692
170	**Ancient Woodland** Name: Not Supplied Reference: 1478868 Area(m²): 10273.78 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	793	8	522499 124446
171	**Ancient Woodland** Name: Not Supplied Reference: 1478869 Area(m²): 27002 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	866	8	522650 124334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	**Ancient Woodland** Name: Not Supplied Reference: 1478225 Area(m²): 10956.87 Type: Ancient and Semi-Natural Woodland	A17NE (NW)	901	8	521349 124751
173	**Ancient Woodland** Name: Not Supplied Reference: 1478231 Area(m²): 2401.42 Type: Ancient and Semi-Natural Woodland	A12NW (W)	921	8	520894 124059
174	**Ancient Woodland** Name: Not Supplied Reference: 1478232 Area(m²): 1191.59 Type: Plantation on Ancient Woodland	A12NW (W)	927	8	520885 124026
175	**Ancient Woodland** Name: Not Supplied Reference: 1478872 Area(m²): 40210.63 Type: Plantation on Ancient Woodland	A14NE (E)	928	8	522782 124081
176	**Ancient Woodland** Name: Not Supplied Reference: 1478808 Area(m²): 18786.36 Type: Ancient and Semi-Natural Woodland	A18NW (N)	929	8	521533 124871
177	**Areas of Outstanding Natural Beauty** Name: High Weald Multiple Areas: Y Total Area (m2): 1461737820.6571908 Designation Date: 30th October 1983 Source: Natural England	A13NW (NW)	138	8	521772 124115
178	**Nitrate Vulnerable Zones** Name: Adur East (Sakeham) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (SE)	0	3	521836 123977

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Horsham District Council - Environmental Health Department	February 2015	Annual Rolling Update
Environment Agency - Head Office	November 2023	Annually
Mid Sussex District Council - Environmental Services Section	October 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	October 2023	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	January 2023	Quarterly
Environment Agency - Southern Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Mid Sussex District Council - Environmental Services Section	December 2020	Variable
Horsham District Council - Environmental Health Department	June 2015	Variable
Local Authority Pollution Prevention and Controls		
Mid Sussex District Council - Environmental Services Section	December 2020	Annual Rolling Update
Horsham District Council - Environmental Health Department	June 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Horsham District Council - Environmental Health Department	June 2015	Variable
Mid Sussex District Council - Environmental Services Section	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	December 2023	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Southern Region	June 2016	As notified
Environment Agency - Head Office	May 2023	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	October 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	October 2023	Quarterly
Environment Agency - Southern Region - Sussex Area	October 2023	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2023	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
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	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 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

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	July 2023	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	January 2024	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2024	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2024	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	January 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2023	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2023	Quarterly
Local Authority Landfill Coverage		
Horsham District Council - Environmental Health Department	February 2003	Not Applicable
Mid Sussex District Council - Environmental Services Section	February 2003	Not Applicable
West Sussex County Council - Environment & Development	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Horsham District Council - Environmental Health Department	October 2018	
Mid Sussex District Council - Environmental Services Section	October 2018	
West Sussex County Council - Environment & Development	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 - Solent and South Downs	March 2006	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Solent and South Downs	April 2018	
Environment Agency - Southern Region - Sussex Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Solent and South Downs	June 2015	
Environment Agency - Southern Region - Sussex Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Mid Sussex District Council	January 2016	Variable
Horsham District Council - Planning Department	July 2023	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents		
Horsham District Council - Planning Department	August 2015	Variable
Mid Sussex District Council	January 2016	Variable
West Sussex County Council - Environment & Development	October 2006	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	January 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	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

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

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	October 2023	Bi-Annually
Areas of Adopted Green Belt		
Horsham District Council - Planning Department	August 2023	Quarterly
Mid Sussex District Council	August 2023	Quarterly
Areas of Unadopted Green Belt		
Horsham District Council - Planning Department	August 2023	Quarterly
Mid Sussex District Council	August 2023	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	November 2023	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	August 2023	Bi-Annually
Marine Nature Reserves		
Natural England	October 2023	Bi-Annually
National Nature Reserves		
Natural England	August 2023	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	March 2023	Bi-Annually
Ramsar Sites		
Natural England	October 2023	Bi-Annually
Sites of Special Scientific Interest		
Natural England	November 2023	Bi-Annually
Special Areas of Conservation		
Natural England	October 2023	Bi-Annually
Special Protection Areas		
Natural England	October 2023	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

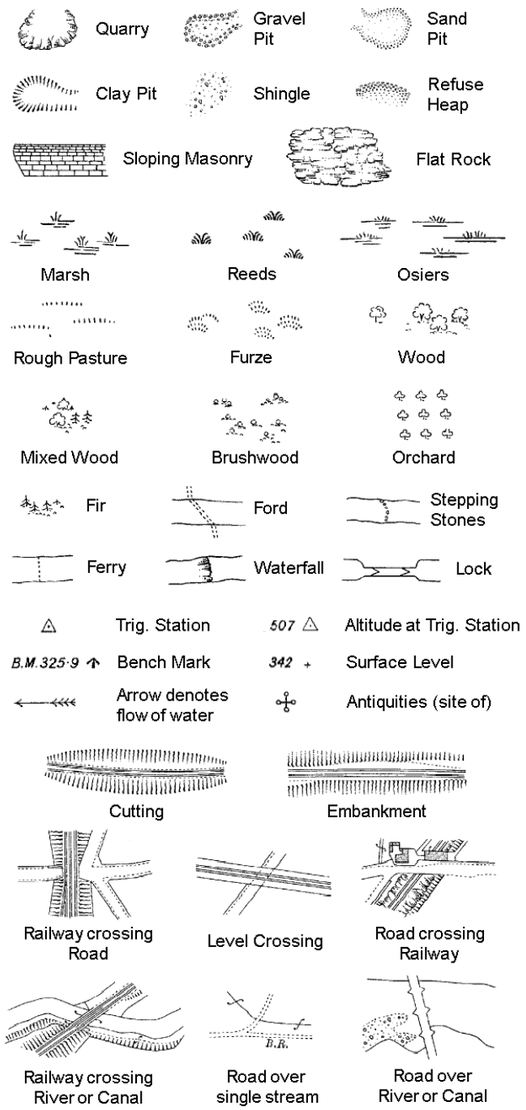
Useful Contacts

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

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

Historical Mapping Legends

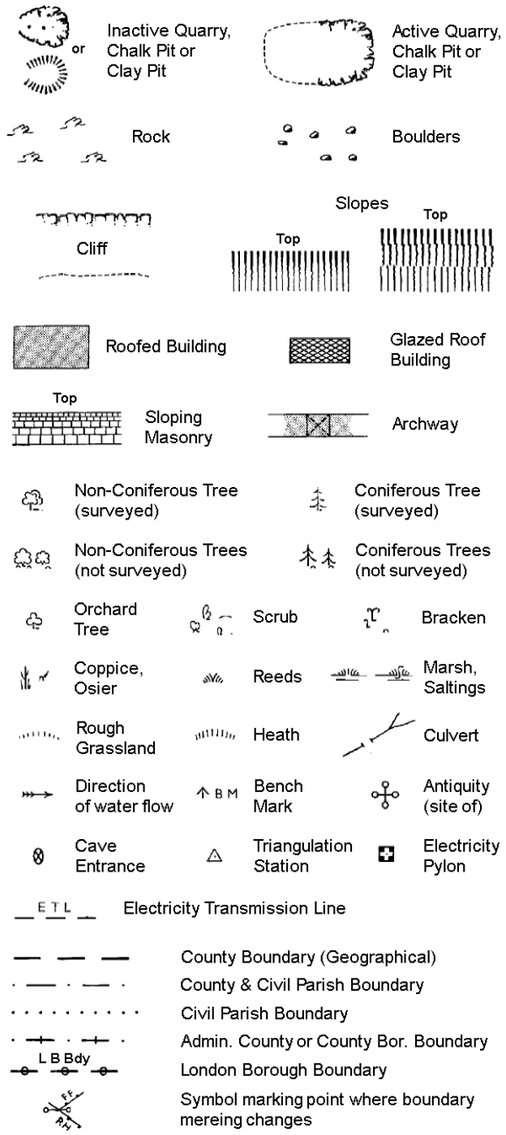
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

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

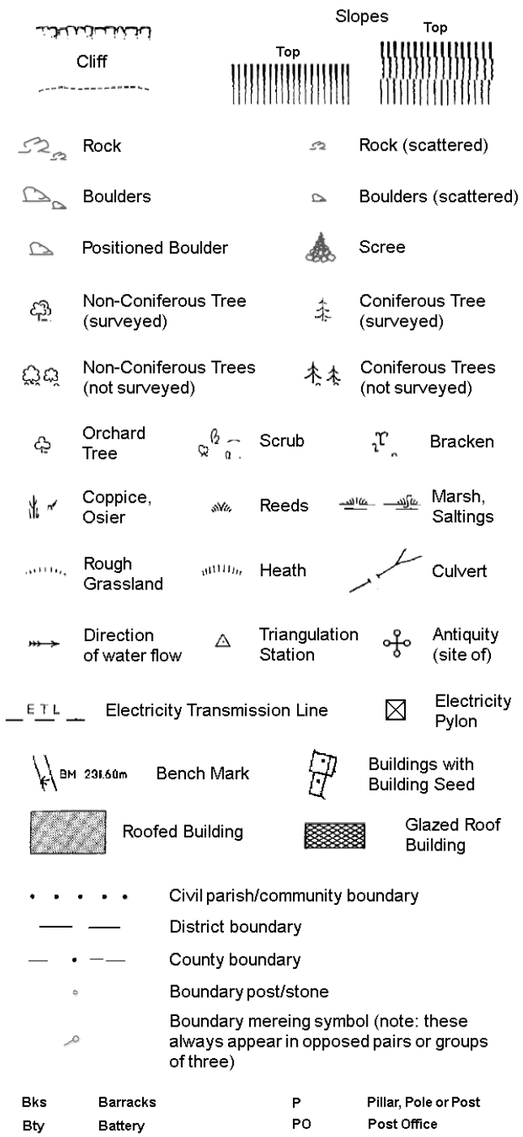
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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

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

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



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

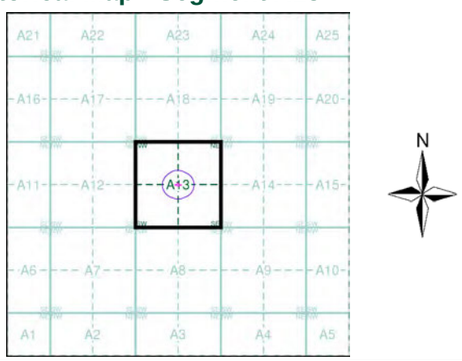
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity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

Land Science

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1875	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1911	4
Ordnance Survey Plan	1:2,500	1956 - 1957	5
Additional SIMs	1:2,500	1957 - 1978	6
Ordnance Survey Plan	1:2,500	1977	7
Additional SIMs	1:2,500	1987	8
Large-Scale National Grid Data	1:2,500	1993	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment A13



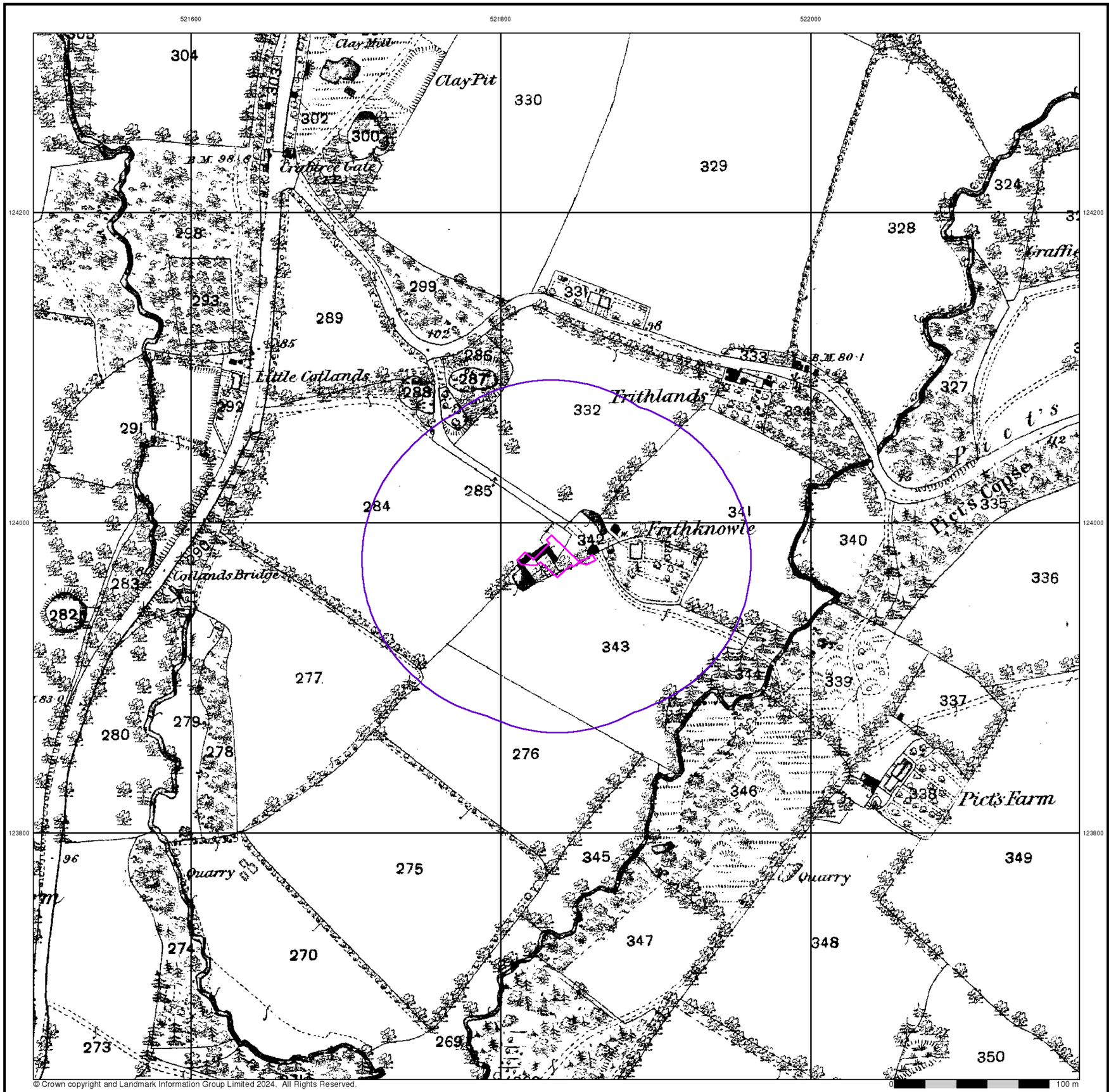
Order Details

Order Number: 334941472_1_1
Customer Ref: LS7415
National Grid Reference: 521840, 123980
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 100

Site Details

Frithknowle Farm, Picts Lane, Cowfold, HORSHAM, RH13 8AN

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



Land Science

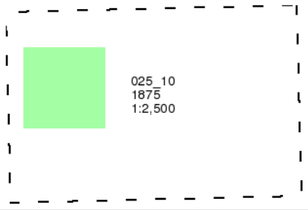
Sussex

Published 1875

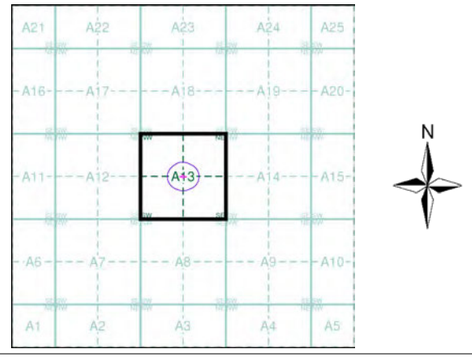
Source map scale - 1:2,500

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



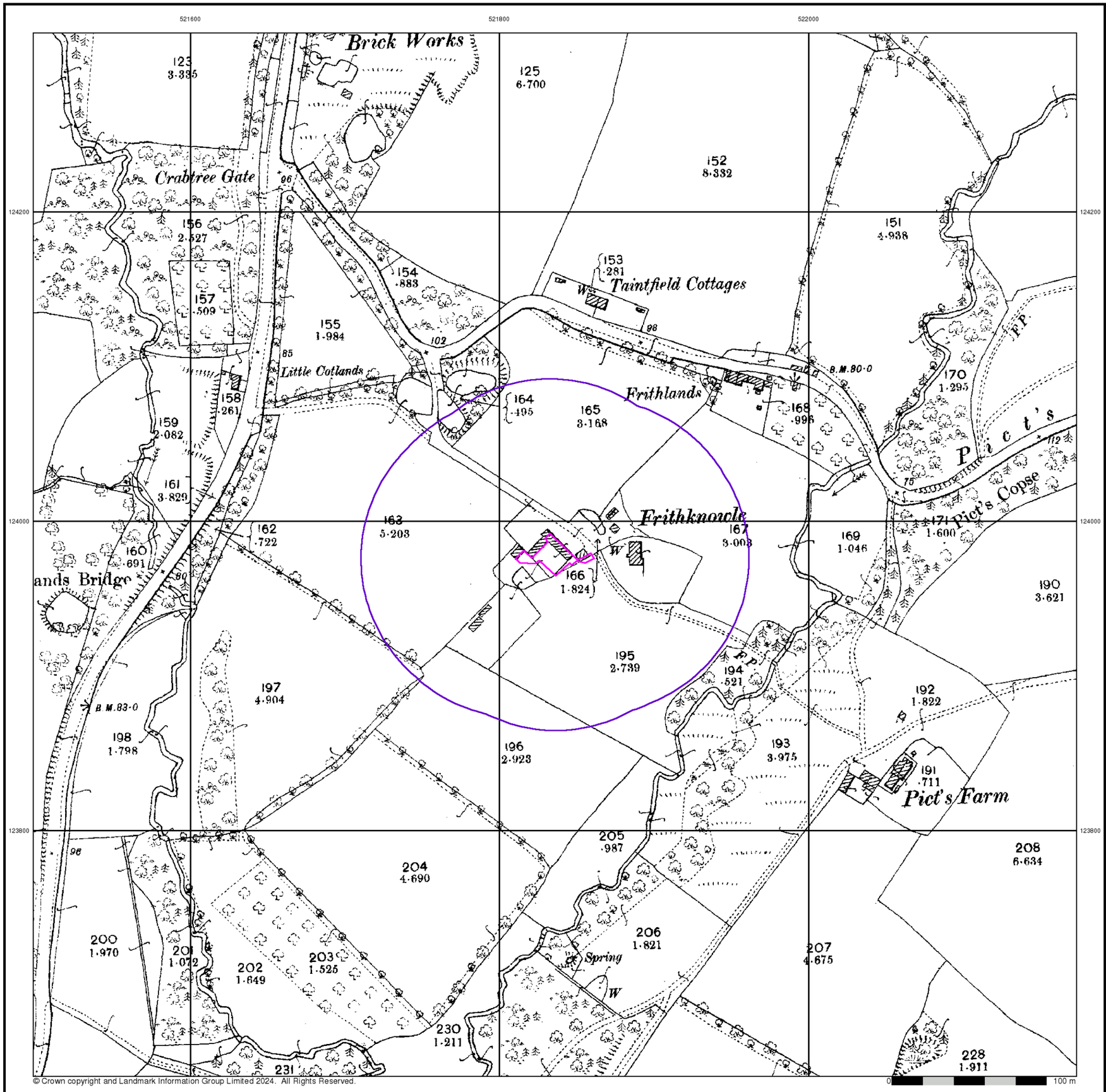
Order Details

Order Number:	334941472_1_1
Customer Ref:	LS7415
National Grid Reference:	521840, 123980
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

Frithknowle Farm, Picts Lane, Cowfold, HORSHAM, RH13 8AN

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



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Land Science

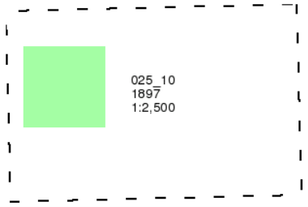
Sussex

Published 1897

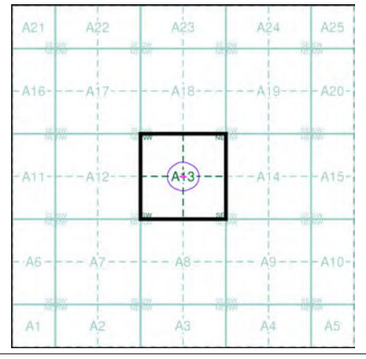
Source map scale - 1:2,500

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:	334941472_1_1
Customer Ref:	LS7415
National Grid Reference:	521840, 123980
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details

Frithknowle Farm, Picts Lane, Cowfold, HORSHAM, RH13 8AN

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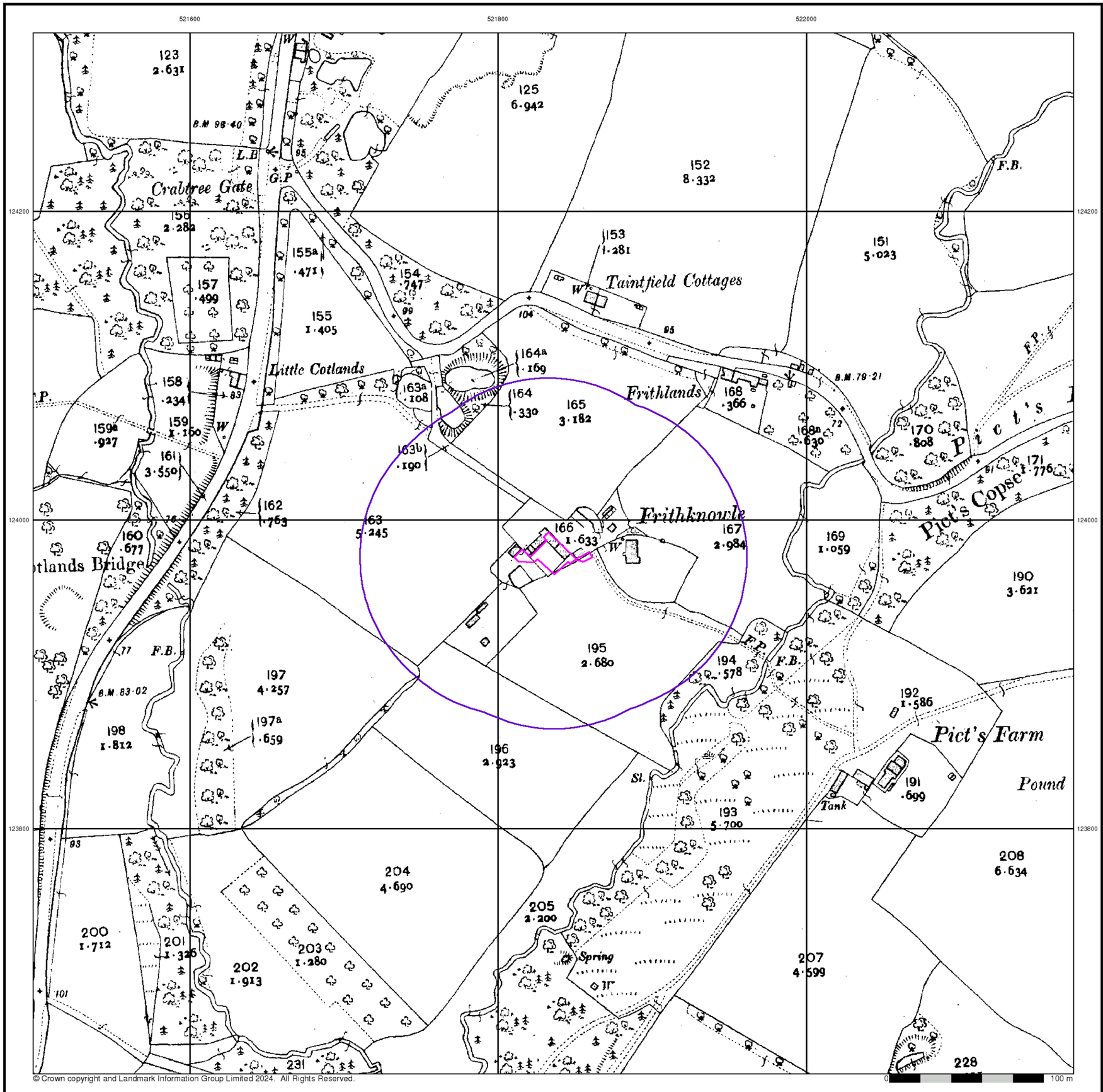

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Land Science

Sussex

Published 1911

Source map scale - 1:2,500

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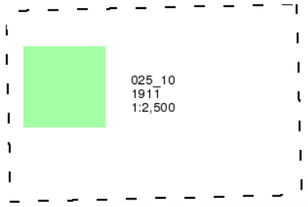
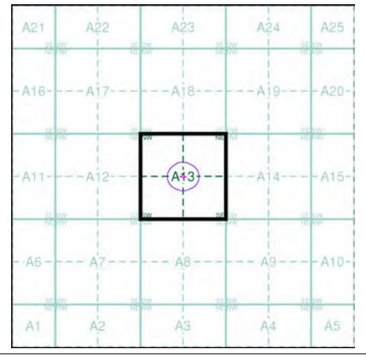
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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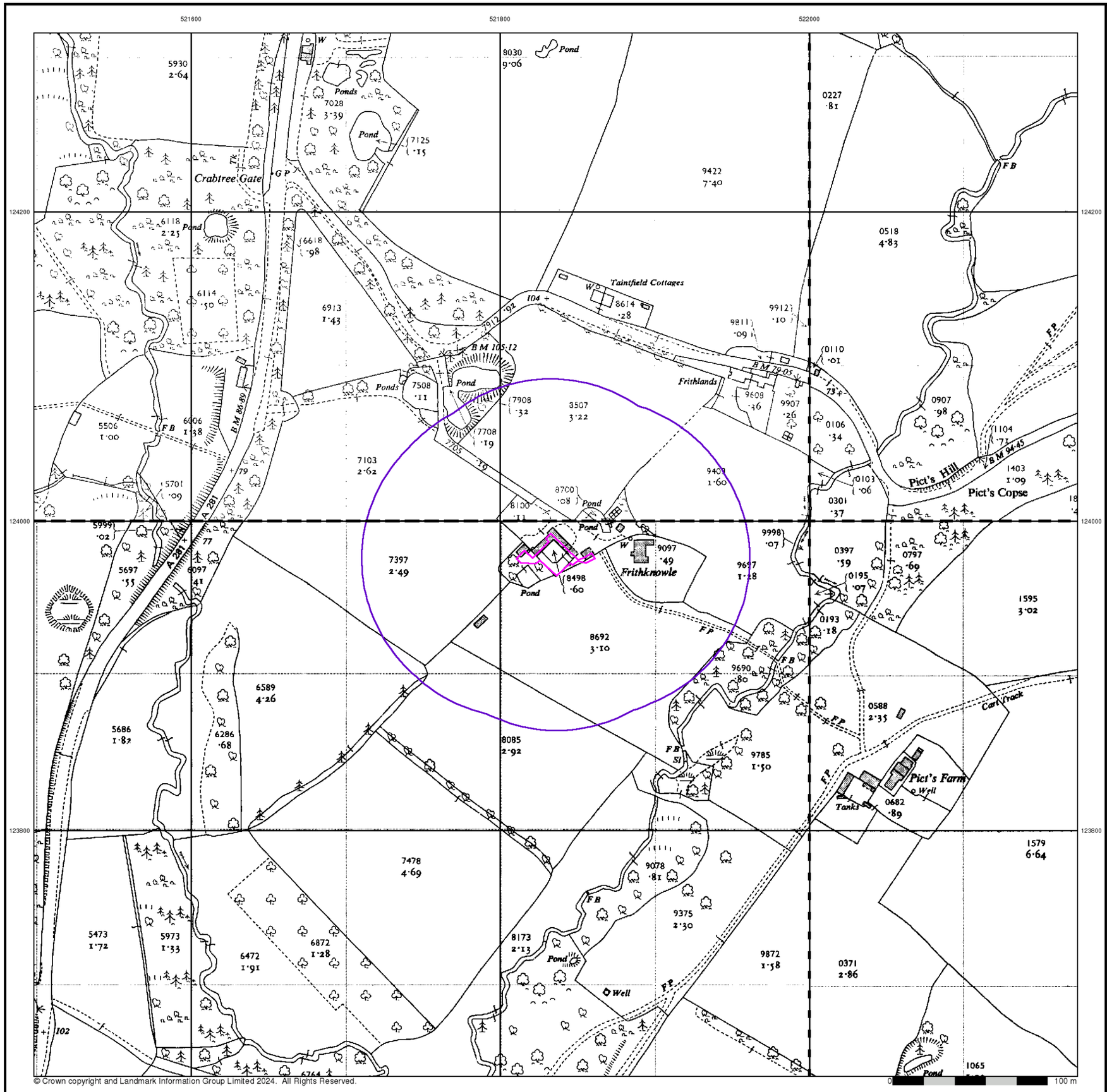

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Land Science

Ordnance Survey Plan

Published 1956 - 1957

Source map scale - 1:2,500

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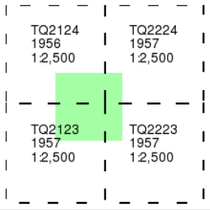
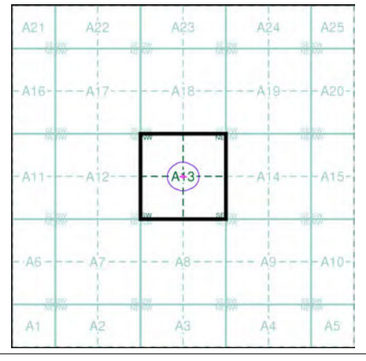
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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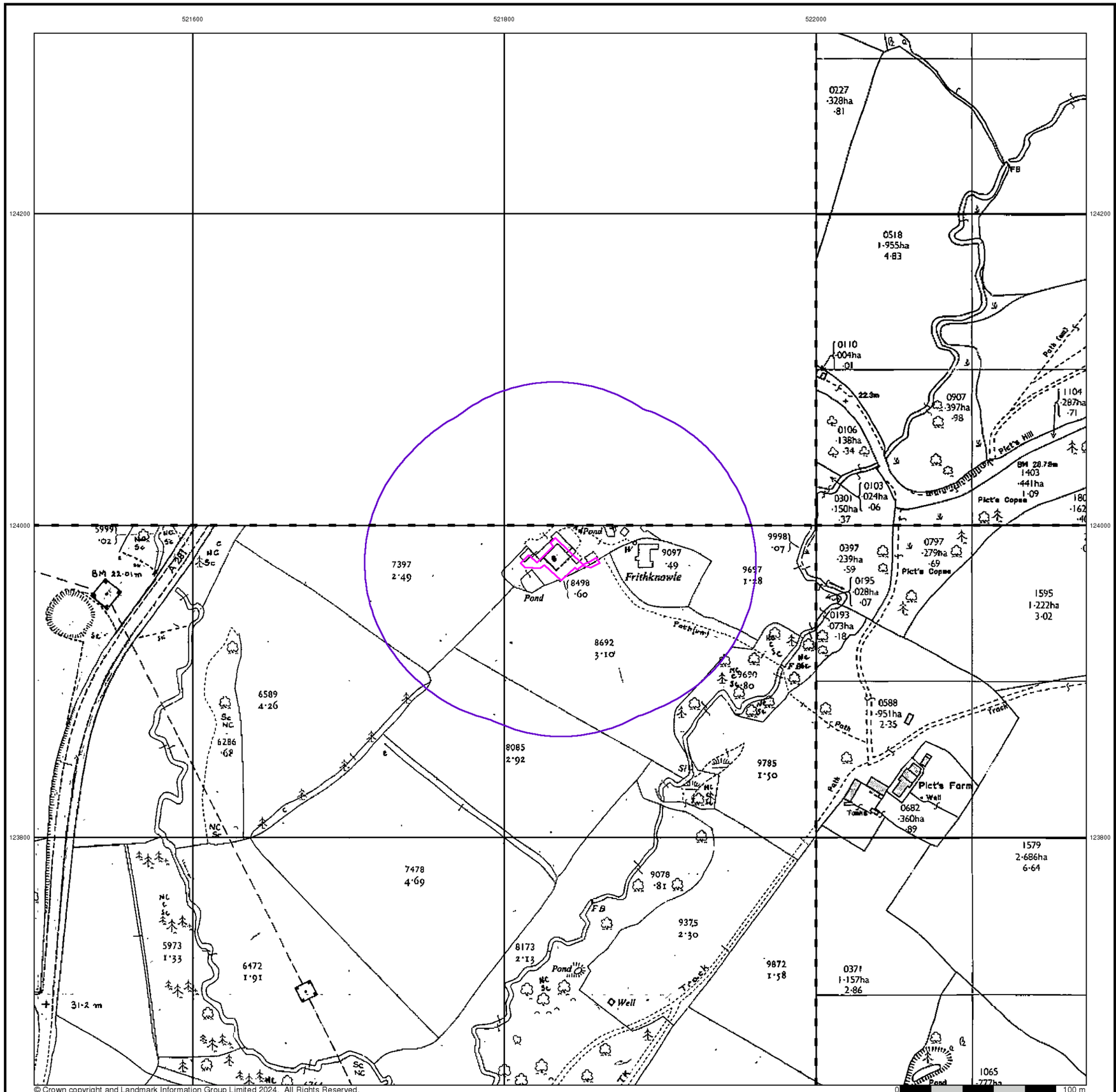

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Land Science

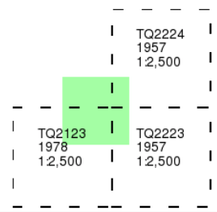
Additional SIMs

Published 1957 - 1978

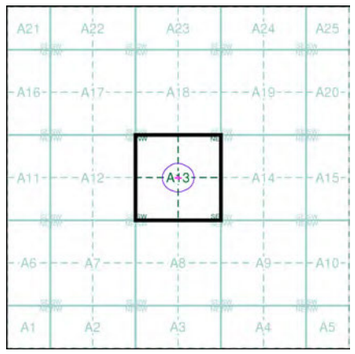
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



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Ordnance Survey Plan

Published 1977

Source map scale - 1:2,500

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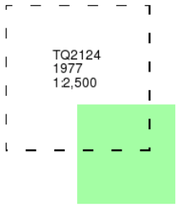
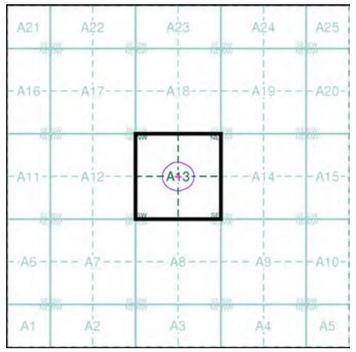
Map Name(s) and Date(s)



Historical Map - Segment A13



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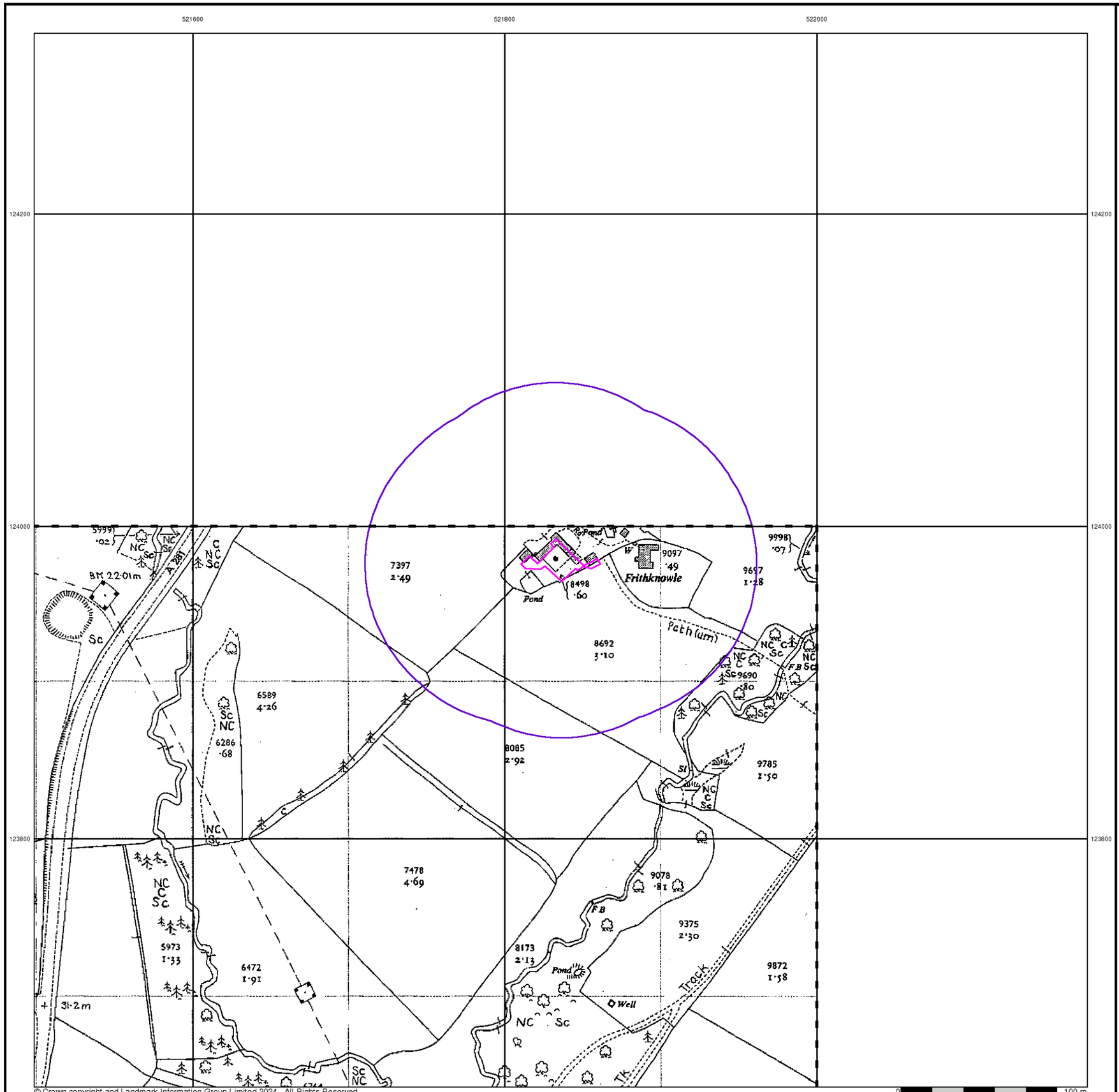

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Land Science

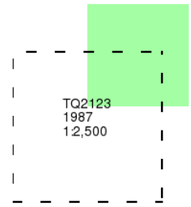
Additional SIMs

Published 1987

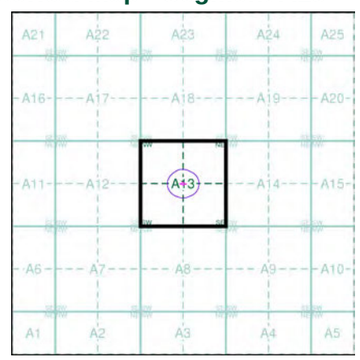
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



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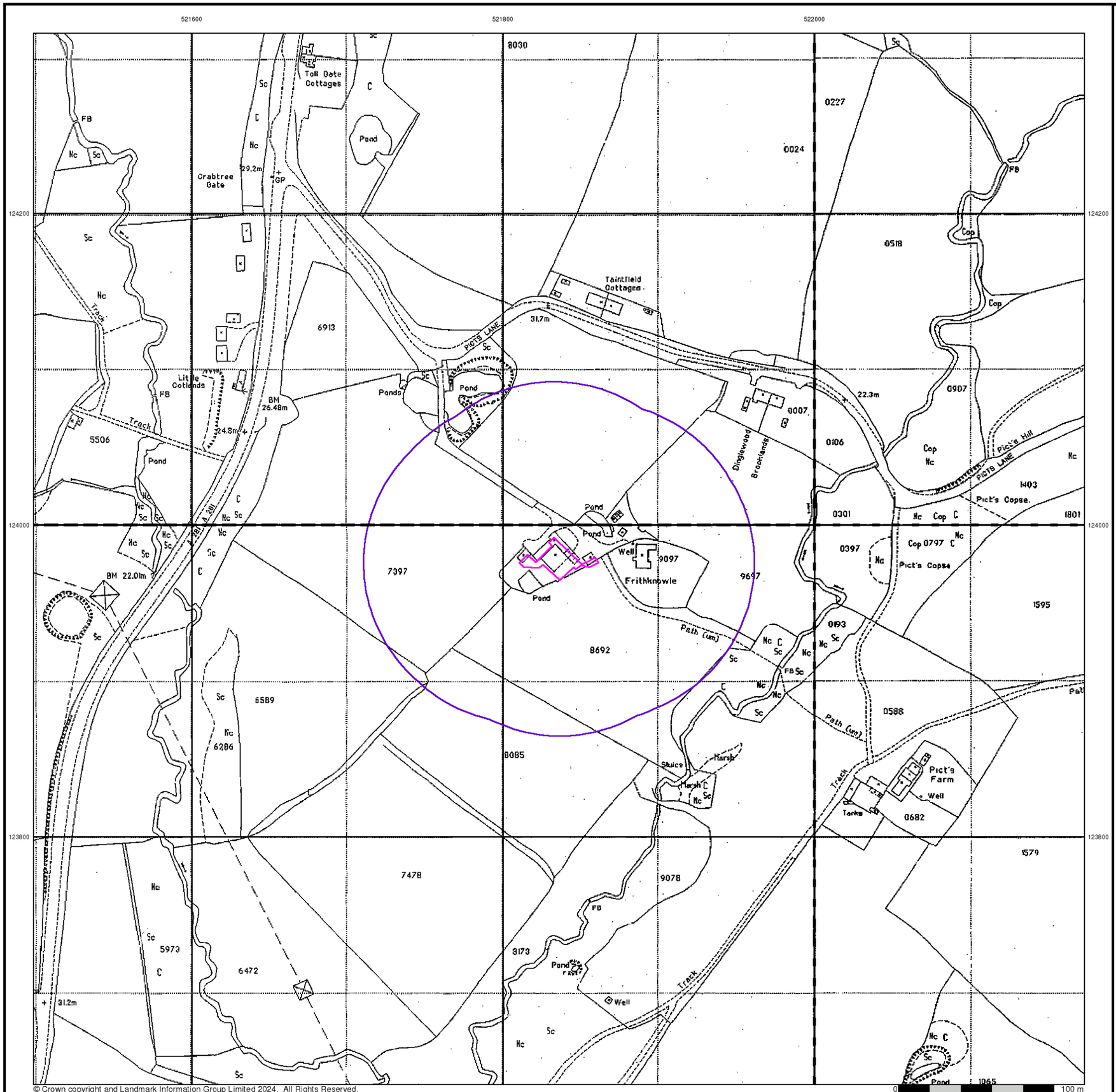

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Land Science

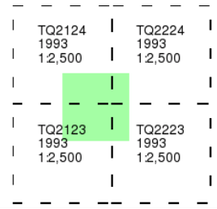
Large-Scale National Grid Data

Published 1993

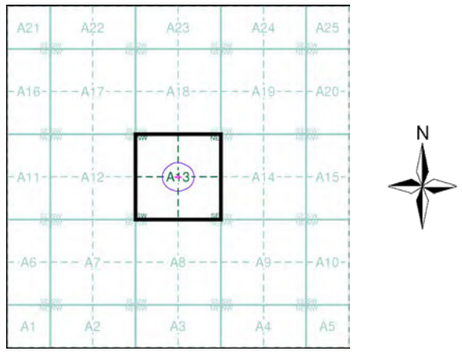
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



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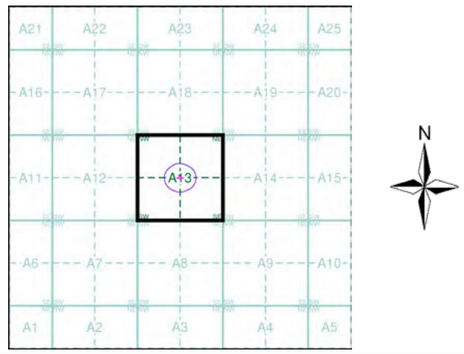
Land Science

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



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