GeoSmart Information

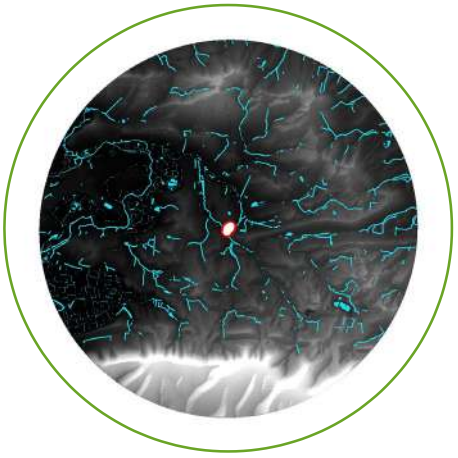
EnviroSmart

Phase 1 Contaminated Land Assessment

Site address
The Granary
Hurston Lane
Pulborough
RH20 2EW

Date issued
April 2024

Report status
Final



Grid Reference
507350, 116139

Site Area
0.2 ha

Report prepared for
Jenai Clague

Report reference
81534R1

Risk – Low

No immediate action but observe a watching brief during all proposed redevelopment activities any associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground).

Provide a copy of this report to any ground workers.

Report author
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Project Consultant

Report check & review
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Associate

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Executive Summary

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contaminated land hazards which may be present at the study site. GeoSmart are providing consultancy and professional opinion based upon our collation, interpretation and assessment of information contained within an Envirocheck report, and other sources where expressly stated (i.e. site visits, photographs, and anecdotal evidence). It is acknowledged that the risk assessment findings are based on documentary sources of information alone.

Site analysis

1. **Probability/likelihood** of a contaminant hazard at the Site	High likelihood	
	Likely	
	Low likelihood	
	Unlikely	
2. Potential **severity/consequence** of any impacts	Severe	
	Medium	
	Mild	
	Minor	
3. **Overall land quality risks posed by the Site**	Very high	
	High	
	Moderate	
	Moderate/low	
	Low	
	Very low	

Summary of existing and proposed development

The Site is currently used within a commercial/agricultural capacity as an equestrian holding and associated access; the planned development area includes a disused stable block. There is a separate barn in the northeast of the Site. The Site is part of a wider ownership boundary comprised of fields and horse arenas (see Sections 1.5 and 1.6 for Site plans). Development proposals comprise the change of use of the double horse stable to a residential holiday let with associated patio, car parking and access. The development proposals include very limited landscaping / planting on the existing concrete slab adjacent to the stable.

Environmental Setting

The underlying superficial geology in the north of the Site consists of Arun Terrace Deposits which are classified as a Secondary (A) Aquifer. There are no superficial deposits in the east and southwest of the Site (including the proposed development area). The bedrock geology on-Site is variable, including the Folkestone Formation in the north of the Site (Principal Aquifer), the Marehill Clay Member in the centre of the Site - including the proposed development area (Unproductive Strata), the Pulborough Sandrock Member in the west of the Site (Secondary (A) Aquifer) and the Fittleworth Member in the southwest of the Site (Secondary (A) Aquifer).

The nearest water feature is the River Store, located c. 25 m southwest of the Site boundary.

The east / northeast of the Site is located within the South Downs national park.

Site History

According to historical mapping, the Site was undeveloped in the late 1800s and during much of the 1900s, an access road being built on Site in the 1970s. The existing stable buildings were constructed on-Site in 2007 and have only been used as stables for horses. Off-Site land uses include agricultural / equestrian and residential land.

Radon

The Site lies in an area where 1 to 3% of homes are at or above the UK radon action level (200 Bq/m3).

Coal Mining

The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.

Summary of Conceptual Site Model (CSM)

Source of Contamination
Limited potential for inorganic and low volatility organic contaminants to be present within the subsurface soils. Limited potential for volatile organic contaminants to be present within the subsurface soils.
Limited potential for dissolved phase contaminants to be present within shallow groundwater. Potential for radon within the subsurface.

Receptors
Human Health (future Site users - short term occupants of the holiday let).
Controlled Water (groundwater within the superficial and bedrock aquifers; plus the River Store c. 25 m southwest).
Sensitive Land Uses (South Downs National Park (northeast of the Site).

Human Health (pathway)
Dermal contact. Ingress into water supply pipework and subsequent water ingestion. Migration of vapours to surface; inhalation indoors.

Controlled Waters (pathway)
Dissolution into pore water/shallow groundwater and subsequent migration. Dissolution into aqueous phase and preferential migration via drainage structures. Lateral and vertical groundwater movement via natural or artificial flow paths.

Preliminary Risk Assessment

Given the known history of the Site it is considered unlikely that any significant contamination is present within the sub-surface. The risks to future Site users will be further constrained by the planned retention of hardstanding across the vast majority of the Site and also the limited frequency and duration of Site occupation (by any one individual) - given the use of the Site as a holiday let. The preliminary risk assessment therefore indicates that the risks posed by in situ land quality to relevant receptors are likely to be low.

Recommendations / Next Steps

No immediate action but observe a watching brief

It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) would likely be sufficient.

Radon assessment / mitigation measures

Given that the Site lies in an area where 1 to 3% of homes are at or above the UK radon action level (200 Bq/m3), we recommend that either further Radon Assessment is undertaken or that appropriate Radon Mitigation Measures are included as part of the redevelopment.

Further information can be found at http://www.ukradon.org/information/ Additionally local building control may have further knowledge in relation to radon risks within the area.

1. Introduction

1.1 Background

The study site (from herein known as 'the Site') is situated at The Granary in Hurston Lane, Pulborough. A location plan of the Site is shown in Section 1.5. A proposed development plan is shown in Section 1.6.

GeoSmart was commissioned by Jenai Clague in March 2024 to undertake a Phase 1 Land Quality Assessment for the Site. The report has been requested in order to support a proposed planning application for the Site.

The proposed development is for the change of use of a double stable block positioned in the east/northeast of the Site to a residential holiday let with associated patio, car parking and access. The development proposals include very limited landscaping / planting on the existing concrete slab adjacent to the stable building.

The EnviroSmart report has been undertaken by firstly compiling information concerning the Site and the surrounding area, including current and historical land uses, geological records and registered pollution incidents. The information which is gathered is then used to construct a 'conceptual site model', including an understanding of likely contaminant sources, pathways and receptors. Finally, a preliminary assessment of risks posed to identified receptors (i.e., people, buildings or the natural environment) from the anticipated land quality at the Site is performed. The risk assessment methodology is consistent with CIRIA C552 (2001); see Section 3.4 for details.

1.2 Purpose of this report

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contamination hazards which may be present at the Site.

1.3 Report contents

This report is divided into two sections, as described below:

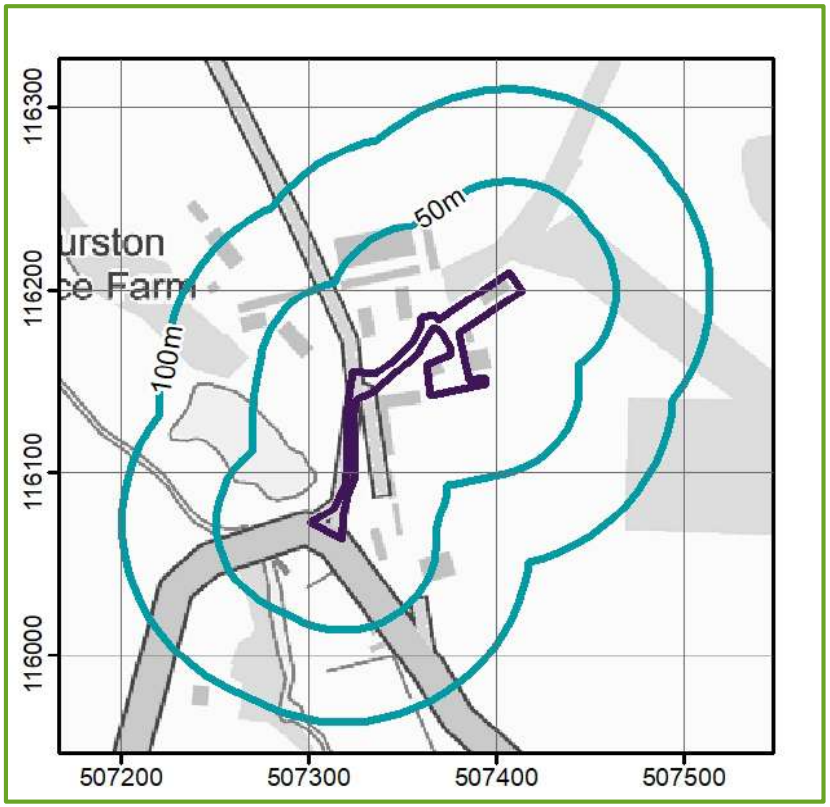
Section	Content	Purpose
Section 2: **LAND QUALITY ASSESSMENT**	A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations	To present a clear and concise overview of the land quality issues facing the Site, including recommendations of how to manage any land contamination which may be present
Section 3: **SUPPORTING INFORMATION**	A collection of site specific information on which the land quality assessment is based	To provide detailed information in support of the risk assessment; this section also represents a source of reference data for use in any subsequent site works/assessments

1.4 Report limitations

It is noted that the findings presented in this report are largely based on information supplied by third parties. Whilst we assume that all information is representative of past and present conditions we can offer no guarantee as to its validity.

This report excludes consideration of potential hazards arising from any activities at the Site other than normal use and occupancy for the intended land uses. Hazards associated with any other activities have not been assessed and must be subject to a specific risk assessment by the parties responsible for those activities.

1.5 Site location plan



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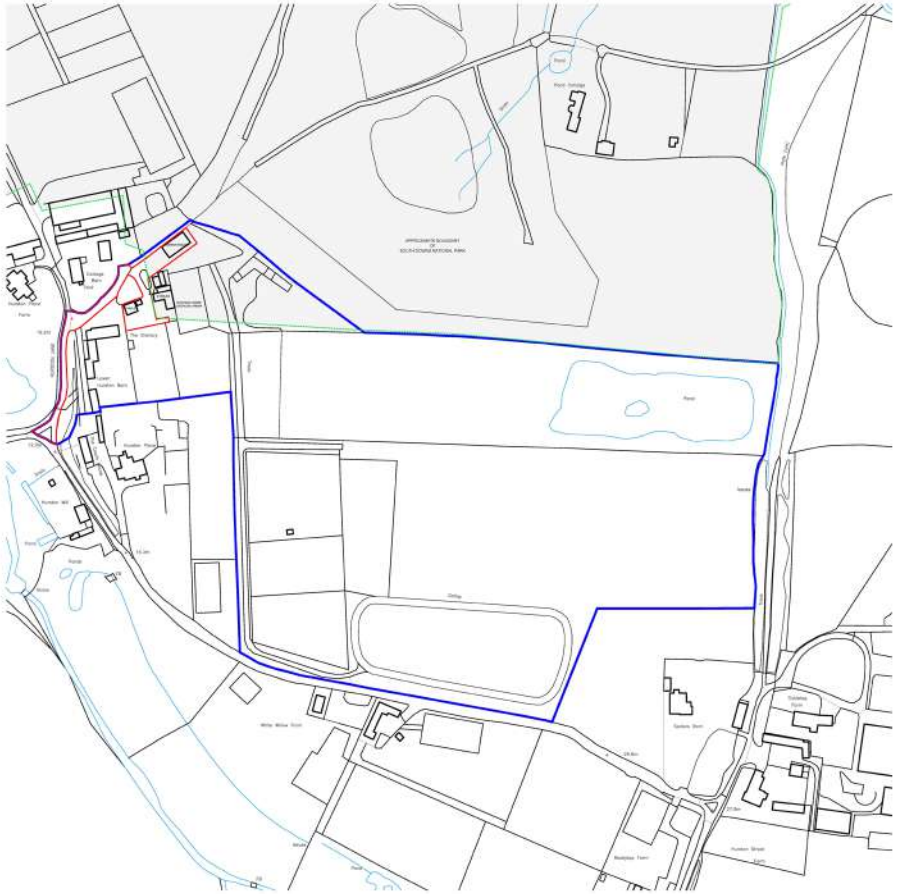
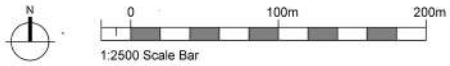
1.5 Site location plan



EXISTING SITE LOCATION PLAN
1:2500 at A3



NOTES:

Do not scale

Report all discrepancies, errors and omissions.

Verify all dimensions on site before commencing any work on site or preparing shop drawings.

All materials, components and workmanship are to comply with the relevant British Standards, Codes of Practice and appropriate manufacturers recommendations.

See relevant drawings for all specialist work.

This drawing and design are copyright of James Clague Associates Ltd, company registration number 8664802

Rev	Date	Description
A	23.02.28	Ownership boundaries amended.
B	23.03.21	Ownership boundaries amended.

Project Title
Mr & Mrs Clague
The Granary
Hurston Place Farm
Hurston Lane
Pullborough
North Sussex
RH20 2EW

Drawing Description
Existing Site Location Plan
Conversion of stables to Holiday accommodation

Scale
1:2500 at A3

Date
February 2023

Drawn By
SR

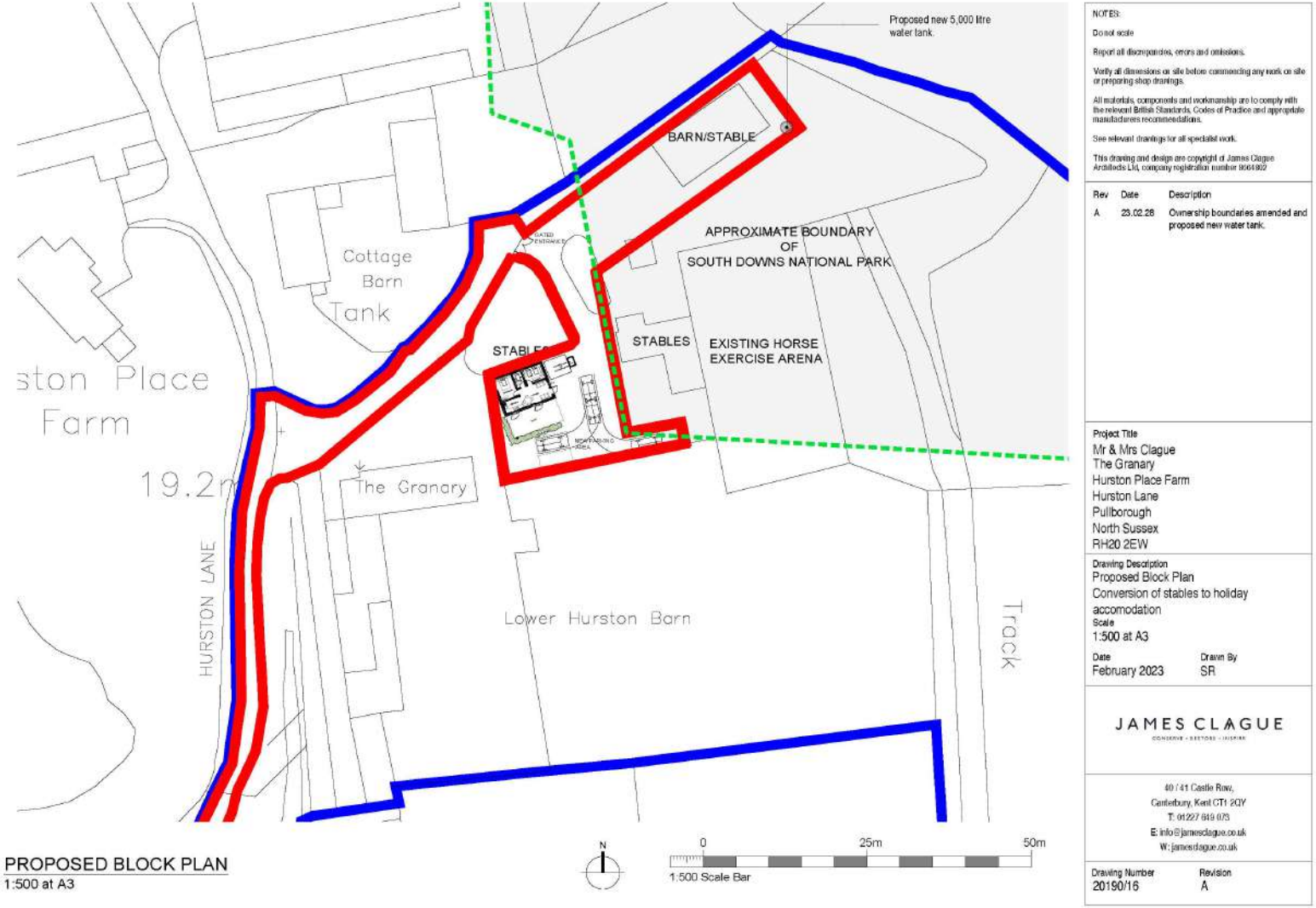
JAMES CLAGUE
CONSERVE • RESTORE • INSPIRE

40 / 41 Castle Row,
Canterbury, Kent CT1 2QY
T: 01227 649 073
E: info@jamesclague.co.uk
W: jamesclague.co.uk

Drawing Number
20190/15

Revision
B

1.6 Proposed Site development plan



2. Land quality assessment

2.1 Site details

Site name:	The Granary	Current land cover:	Equestrian buildings (15%) and associated hard standing (85%)
Current use:	Equestrian land use		
Proposed use:	Residential accommodation / holiday let	Site area:	0.2 ha

2.2 Conceptual understanding (potential sources of contamination)

Site history *(historical land use taken within 250m radius of the Site boundary)*	Date	Description of land use: On-Site	Description of land use: Off-Site	POTENTIAL **SOURCES** OF CONTAMINATION	Source description	**UNLIKELY**	**PROBABILITY** OF CONTAMINATION
	1876	Northeast of the Site is predominantly occupied by grassland. A single building (associated with the neighbouring Hurston Place complex) encroaches onto the western edge of the proposed development area. The central and southwestern parts of the Site are largely occupied by access tracks / roadways.	Land in the locality of the Site is largely undeveloped (fields/agriculture). Suspected agricultural buildings (marked as Hurston Place) mapped adjacent to the south / east of the Site. Corn mill mapped c. 50 m south of the Site entrance (i.e., over 100 m from the proposed development area); associated mill pond from c. 75 m to the south. Water course c. 35 m south-west. Spring mapped c. 45 m south.		The land use history suggests that there is the potential for contamination to have occurred on and off-Site relating to the following: **Agricultural / equestrian buildings:** Bulk storage of fuels and/or miscellaneous chemicals. Miscellaneous small scale fuel and chemical spills (i.e., fuels used for herbicides/pesticides, fertilisers, paints/thinners, creosote, etc.). Potential for localised/historical deposition of domestic/agricultural waste materials. Note: there is no direct evidence, including topographic evidence, that any such waste disposal or infilling activities have taken place on the Site. Also, given the open nature of the wider site, it is considered unlikely that any significant wastes were deposited in close proximity to the existing structures. *(Continued below.)*		
	1880	No discernible changes on-Site.	Watercourse to the southwest (identified as the River Store on Google Mapping).				
	1897	No discernible changes on-Site.	Corn mill c. 50 m south no longer labelled.				
	1898	No discernible changes on-Site.	Watercourse to the southwest of the Site labelled as the River Stor.				
	1911	Former structure evident on the western Site boundary no longer evident - assumed demolished.	No discernible changes off-Site.				

2.2 Conceptual understanding (potential sources of contamination)

Site history
(historical land use taken within 250m radius of the Site boundary)

Date	Description of land use	
	On-Site	Off-Site
1912	No discernible changes.	
1937	No discernible changes.	
1938	No discernible changes.	
1961 - 62	No discernible changes.	
1973	Road mapped in the northeast of the Site.	Multiple buildings mapped adjacent to the northeast of the Site marked as Hurston Place Farm. Two small ponds labelled c. 75 - 80 m south. Alteration to the building footprints adjacent to the southeast of the Site. The former mill pond to the south appears to have been partially infilled.
1978	No discernible changes.	
1993	Road identified in the south of the Site marked as Hurston Lane.	Tank mapped adjacent to the northwest of the Site. Minor drain mapped c. 25 m south.
1995	A section of hard standing / parking appears to have been constructed within the area of proposed development.	Large pond mapped c. 20 m to the west.
2000	No discernible changes on-Site.	Drain mapped c. 185 m northeast. Buildings adjacent to the southeast of the Site marked as Lower Hurston Barns. One of these buildings is no longer mapped.

POTENTIAL **SOURCES** OF CONTAMINATION

Source description

Made Ground associated with former development/demolition activities.

Animal effluent from the housing of livestock within the on-site buildings.

Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.

Localised disposal of effluent wastes.

(Continued below.)

UNLIKELY

PROBABILITY OF CONTAMINATION

2.2 Conceptual understanding (potential sources of contamination)

	Date	Description of land use				
		On-Site	Off-Site			
Site history *(historical land use taken within 250m radius of the Site boundary)*	2001 (aerial map)	Aerial mapping corresponds with historical mapping. Site is comprised of grassland and also Hurston Lane with no buildings or structures present.	Footprint of buildings adjacent to the Site correspond with buildings identified on historical mapping. Golf course mapped from c. 90 m northeast.	POTENTIAL **SOURCES** OF CONTAMINATION	Source description	**UNLIKELY** / **PROBABILITY** OF CONTAMINATION
	2009 (aerial map)	Construction site/builder's yard mapped in the northeast of the Site. Undefined buildings/structures mapped in the east/northeast of the Site.	Two horse arenas mapped adjacent to the northeast of the Site and c. 50 m north.		**Builder's yard:** Potential for bulk storage of fuels and/or miscellaneous chemicals. Miscellaneous small scale fuel and oil spills relating to the presence of vehicles /parking associated with the builders yard . Potential for localised/historical deposition of construction waste materials/effluents on-Site, given the Sites former use. Made Ground associated with former development/demolition activities. Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.	
	2012 (aerial map)	Building mapped in the northeast of the Site.	Additional building mapped adjacent to the northeast of the Site where the horse arena is situated.			
	2013 - 22 (aerial map)	Construction site/builder's yard no longer mapped in the northeast of the Site.	Change in building footprints adjacent to the northeast of the Site.			
	2024	No discernible changes.				
Additional information	According to information provided by the Client, the existing stable building (proposed for redevelopment) was constructed in 2007 and has only been used as stabling for horses. The building is constructed from brick and wood with a concrete floor slab. No asbestos containing materials were used in the building construction.					

2.2 Conceptual understanding (potential sources of contamination)

<table>
<tr>
<td>Current land use</td>
<td>The Site is currently used as an equestrian holding, comprised of a disused double horse stable and associated access. There is a separate barn in the northeast of the Site. The Site is part of the wider ownership boundary (see section 1.6) which includes Lower Hurston Barn and associated fields.

There are no known buried storage tanks at the Site.

There is no known bulk fuel or chemical storage on Site.</td>
<td rowspan="2">POTENTIAL SOURCES OF CONTAMINATION</td>
<td>The Site's current use is unlikely to have given rise to significant land contamination.</td>
<td>UNLIKELY</td>
<td rowspan="2">PROBABILITY OF CONTAMINATION</td>
</tr>
<tr>
<td>Neighbouring industrial land uses
(see environmental data report in Secti on 3.3 for full listin g)</td>
<td>No potentially contaminative land uses are located within 250m of the Site.
<table>
<tr><th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr>
<tr><td>1 - 50 m</td><td>0</td><td>0</td></tr>
<tr><td>51 - 100m</td><td>0</td><td>0</td></tr>
<tr><td>101 - 250 m</td><td>0</td><td>0</td></tr>
</table>
<table>
<tr><th>Nr</th><th>Nearest distance</th><th>Land use / permitted activity / authorisation</th></tr>
<tr><td>0</td><td>NA</td><td>Fuel station entries</td></tr>
<tr><td>0</td><td>NA</td><td>Gas pipelines</td></tr>
<tr><td>0</td><td>NA</td><td>Underground electrical cables</td></tr>
<tr><td>0</td><td>NA</td><td>Control of major accident hazards sites (COMAH)</td></tr>
<tr><td>0</td><td>NA</td><td>Notification of installations handling hazardous substances (NIHHS)</td></tr>
<tr><td>0</td><td>NA</td><td>Explosives sites</td></tr>
<tr><td>0</td><td>NA</td><td>Planning hazardous substance consents</td></tr>
<tr><td>0</td><td>NA</td><td>Planning hazardous substance enforcements</td></tr>
<tr><td>0</td><td>NA</td><td>Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990</td></tr>
<tr><td>2</td><td>15m SW</td><td>Records of Licensed Discharge Consents.</td></tr>
</table>
</td>
<td>The potentially contaminative land uses/activities identified in close vicinity of the Site may pose a contamination hazard to the Site should relevant contaminant pathways exist.

Records of Licensed Discharge Consents include:

Mrs Elizabeth Mynhardt (domestic property (multiple, including farm houses)) c. 15 m southwest. Discharge type: sewage discharges - final/treated effluent - not water company. Status: new issued under EPR 2010.

Mrs S Rowe (domestic property (single, including farm house)) c. 50 m northwest. Discharge type: sewage discharges - final/treated effluent - not water company. Status: new consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995). □</td>
<td>UNLIKELY</td>
</tr>
</table>

2.2 Conceptual understanding (potential sources of contamination)

Neighbouring industrial land uses *(see environmental data report in Section 3.3 for full listing)*	0	NA	Integrated pollution prevention and control sites	POTENTIAL **SOURCES** OF CONTAMINATION	As above.	**UNLIKELY**	**PROBABILITY** OF CONTAMINATION
	0	NA	Local Authority pollution prevention and control sites				
	0	NA	Local Authority pollution prevention and control enforcements				
	0	NA	Records of Category 3 or 4 Radioactive Substance Licences				

2.2 Conceptual understanding (potential sources of contamination)

EA recorded pollution incidents *(see environmental data report in Section 3.3 for full listing)*	No Environment Agency pollution incidents have been recorded within 250 m of the Site.	POTENTIAL **SOURCES** OF CONTAMINATION	No potential for gross contamination has been identified in relation to any pollution incidents occurring near to the Site.	**NEGLIGIBLE**	**PROBABILITY** OF CONTAMINATION
Landfills / waste sites *(taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)*	There are no BGS recorded landfills located within 500 m of the Site. There are no Environment Agency listed historical landfills located within 500 m of the Site. There are no registered landfills located within 500 m of the Site. There are no Local Authority listed historical landfills located within 500 m of the Site. The following other waste sites are registered within 500 m of the Site: 0 Records of registered waste transfer sites. 0 Records of registered waste treatment or disposal sites. 0 Records of licenced waste management facilities.		Given the absence of any historical or operational landfills within close proximity of the Site no associated contamination hazards have been identified. Given the absence of any waste treatment, transfer or disposal sites within close proximity of the Site no associated contamination hazards have been identified.	**NEGLIGIBLE**	

2.2 Conceptual understanding (potential sources of contamination)

Rn Radon *(see environmental data report in Section 3.3 for full listing)*	According to current UK radon mapping the Site lies in an area where 1 to 3% of homes are at or above the UK radon action level (200 Bq/m3).	POTENTIAL **SOURCES** OF CONTAMINATION	1 to 3% of homes are at or above the UK radon action level (200 Bq/m3).	**LOW LIKELI-HOOD**	**PROBABILITY** OF CONTAMINATION

2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

Geology and Groundwater *(see the environmental data report in Section 3.3 for full details)*	British Geological Survey mapping indicates that the underlying superficial geology in the north of the Site consists of the Arun Terrace Deposits (AR4) which comprise of sand and gravel and are classified as a Secondary (A) Aquifer. British Geological Survey mapping indicates the absence of any underlying superficial geology in the southern parts of the Site (including the proposed development area). British Geological Survey mapping indicates a range of bedrock formations underlying the Site, including: - Folkestone Formation (FO) in the north of the Site, which comprises of sandstone and is classified as a Principal Aquifer. - Marehill Clay Member (MHC) across the centre of the Site (including the proposed development area) which comprises of mudstone and is classified as Unproductive Strata. - Pulborough Sandrock Member (PBS) in the west of the Site which comprises of sandstone and is classified as a Secondary (A) Aquifer. - Fittleworth Member (FIB) in the southwest of the Site which comprises of sandstone and mudstone and is classified as a Secondary (A) Aquifer. According to the GeoSmart Groundwater Flood Risk (GW5) Map (GeoSmart, 2024), the risk of groundwater flooding at the Site is Negligible to Moderate. The Site lies partially within a total catchment groundwater Source Protection Zone (SPZ III). The following groundwater abstraction licences are held within 1 km of the Site: West Sussex Golf Club groundwater abstraction (spray irrigation) from a single point located c. 520 m north of the Site. West Sussex Golf Club groundwater abstraction (spray irrigation) from a single point located c. 560 m north of the Site. Three entries.	POTENTIAL **RECEPTORS**	A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. A Principal Aquifer comprises rock or drift deposits that have high permeability - meaning they usually provide a high level of water storage. They may support strategic water supply and/or river base flow. Unproductive Strata typically have low permeability and offer negligible water supply or river base flow potential. A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. Although the Site has a Negligible to Moderate groundwater flood risk, the area proposed for development is in an area at Negligible risk. Based on the susceptibility of the Site to groundwater flooding, a groundwater flood risk assessment is not considered necessary for the Site. The depth to groundwater beneath the Site is unknown. The presence of one or more groundwater abstraction licences within close proximity of the Site indicates a reasonable groundwater resource potential.	**MEDIUM**	**POTENTIAL SEVERITY** OF IMPACT

Superficial Geology (BGS, 2024)



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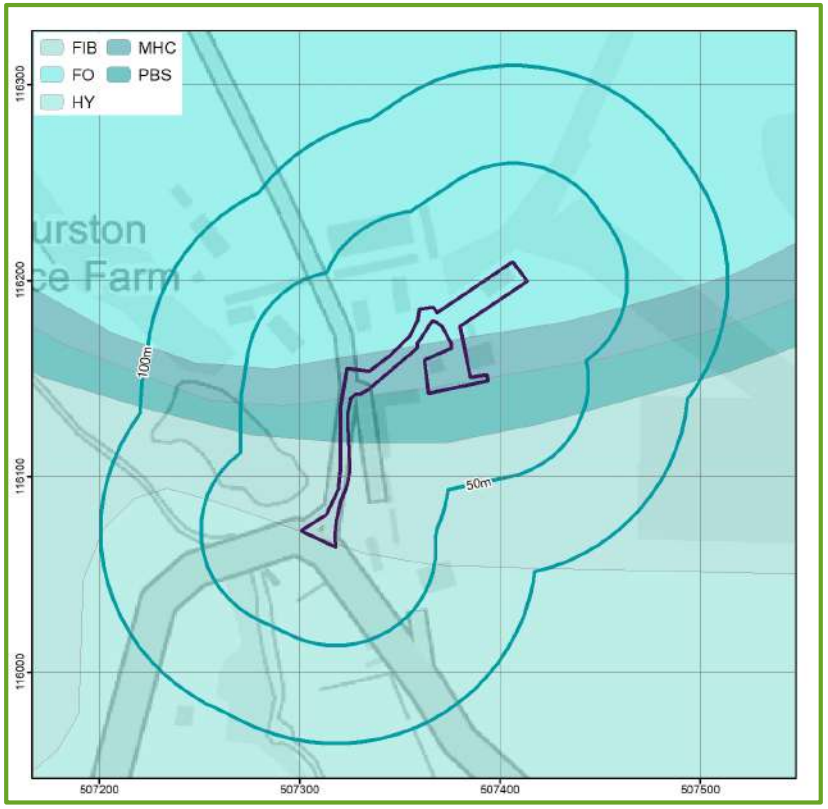
Bedrock Geology (BGS, 2024)



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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

Geohazards *(see the environmental data report in Section 3.3 for full details)*	The Site does not lie within a 'Coal Mining Reporting Area'. There are no brine affected areas within 75 m of the Site. No or limited artificial ground / Made Ground is anticipated on Site. There are no natural hazards (with a hazard rating of moderate or above) at or within 50 m of the Site. Compressible ground deposits	POTENTIAL **RECEPTORS**	The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues. The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues. BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site. The Site has ground stability hazards that should be considered further as part of the redevelopment plans.	**MILD**	**POTENTIAL SEVERITY** OF IMPACT

2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

		POTENTIAL RECEPTORS		POTENTIAL SEVERITY OF IMPACT
 Surface water *(see the environmental data report in Section 3.3 for full details)*	The nearest water feature is the River Store, located c. 25 m southwest of the Site boundary. It is noted that the Landmark datasheet has identified a surface water feature c. 15 m southwest of the Site, however this has not been identified on historical land use mapping or aerial photographs The Site lies within a Flood Zone 1 (low probability). The following surface water abstraction licences are held within 1 km of the Site: Albion Mill Holdings Ltd surface water abstraction (spray irrigation) located c. 620 m northwest of the Site.		The relatively close proximity of the identified surface water feature(s) suggests that a potential linkage could occur if any contamination were present on Site. Mobile contamination may potentially enter nearby water features via any shallow groundwater or possibly via preferential flow pathways such as buried services.	MEDIUM
 Environmental designations *(see the environmental data report in Section 3.3 for full details)*	The following environmentally sensitive land uses are present within 500 m of the Site: South Downs (National Park) is located in the east/northeast of the Site. Hurston Warren (Site of Specific Scientific Interest) is located c. 470 m northwest of the Site.		The immediate proximity of the National Park suggests that a potential linkage could occur if any contamination were present on Site. However, it is noted that the sensitivity of the natural landscape to any on-Site contamination may be relatively low.	MEDIUM
 Human receptors	Proposed residents/users of the Site.		Human receptors are proposed to be present on Site. It is noted that the frequency and duration of Site occupation is likely to be limited (given the proposed holiday home land use).	SEVERE

2.4 Regulator perspective

Consultation date	4th April 2024	Horsham District Council
GeoSmart consultant	Emilia Dončić	
Consultation outcome	The Council did not respond to GeoSmart within the time frame of this report.	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources: Equestrian land / buildings								
1	Potential for **inorganic** and low volatility organic contaminants to be present within the subsurface **soils**	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants (holiday let)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Given the known history of the Site (including a relatively recent stable block with concrete flooring) and also the proposal to retain hard standing across the vast majority of the Site, no routine contaminant exposures are anticipated. The risks will be further constrained by the low frequency and duration of Site occupation.
2		Ingress into water supply pipework and subsequent water ingestion	HH		**MEDIUM**	**UNLIKELY**	**LOW RISK**	
3		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Aggressive ground conditions are not anticipated to be present.
4		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Arun Terrace Deposits (a Secondary (A) Aquifer)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the likely absence of any significant ground contamination on-Site and also the planned retention of hard standing across the Site. It is noted that there are no underlying superficial deposits mapped in the area proposed for development.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources: Equestrian land / buildings								
5	Potential for **inorganic** and low volatility organic contaminants to be present within the subsurface **soils**	Dissolution into pore water/shallow groundwater and subsequent migration	CW	-Folkestone Formation (north of the Site) (Principal Aquifer). -Marehill Clay Member (centre of the Site /area proposed for development) (Unproductive Strata). -Pulborough Sandrock Member (west of the Site) (Secondary (A) Aquifer). -Fittleworth Member (southwest of the Site) (Secondary (A) Aquifer).	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the likely absence of any significant ground contamination on-Site and also the planned retention of hard standing across the Site. It is noted that the area proposed for development is underlain by an Unproductive Strata.
6		Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	River Store (c. 25 m southwest)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Although the identified watercourse is situated relatively close to the Site, the risk rating reflects the likely absence of any significant ground contamination on-Site.
7		Dissolution into aqueous phase and preferential migration via drainage structures	CW		**MEDIUM**	**UNLIKELY**	**LOW RISK**	
8		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	South Downs National Park (east/northeast of the Site)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the apparent absence of any significant ground contamination on-Site and also the likely modest sensitivity of the surrounding landscape.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
9	Potential for **volatile organic** contaminants to be present within the subsurface **soils**	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants (holiday let)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Given the known history of the Site (including a relatively recent stable block with concrete flooring) and also the proposal to retain hard standing across the vast majority of the Site, no routine contaminant exposures are anticipated. The risks will be further constrained by the low frequency and duration of Site occupation.
10		Ingress into water supply pipework and subsequent water ingestion	HH		**MEDIUM**	**UNLIKELY**	**LOW RISK**	
11		Migration of vapours to surface; inhalation indoors	HH		**MEDIUM**	**UNLIKELY**	**LOW RISK**	Risk ratings reflect the likely absence of a significant vapour phase contaminant source based on the known land use history (it is noted that the Client has reported the absence of any bulk storage of fuels/chemicals on-Site).
12		Migration of vapours to surface; inhalation outdoors	HH		**MEDIUM**	**UNLIKELY**	**LOW RISK**	
13		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Aggressive ground conditions are not anticipated to be present.
14		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Arun Terrace Deposits (a Secondary (A) Aquifer)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the likely absence of any significant ground contamination on-Site and also the planned retention of hard standing across the Site. It is noted that there are no underlying superficial deposits mapped in the area proposed for development.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
15	Potential for **volatile organic** contaminants to be present within the subsurface **solls**	Dissolution into pore water/shallow groundwater and subsequent migration	CW	-Folkestone Formation (north of the Site) (Principal Aquifer). -Marehill Clay Member (centre of the Site /area proposed for development) (Unproductive Strata). -Pulborough Sandrock Member (west of the Site) (Secondary (A) Aquifer). -Fittleworth Member (southwest of the Site) (Secondary (A) Aquifer).	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the likely absence of any significant ground contamination on-Site and also the planned retention of hard standing across the Site. It is noted that the area proposed for development is underlain by an Unproductive Strata.
16		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Store (c. 25 m southwest)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Although the identified watercourse is situated relatively close to the Site, the risk rating reflects the likely absence of any significant ground contamination on-Site.
17		Dissolution into aqueous phase and preferential migration via drainage structures	CW		**MEDIUM**	**UNLIKELY**	**LOW RISK**	
18		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	South Downs National Park (east/northeast of the Site)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the apparent absence of any significant ground contamination on-Site and also the likely modest sensitivity of the surrounding landscape.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
19	Potential for **asbestos** containing materials within the subsurface **soils**	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Future Site occupants (holiday let)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Given the age of the existing building structures, it is unlikely that asbestos-containing material is present within the building fabric and surrounding subsoils. Furthermore, information provided by the Client indicates there is no asbestos within the existing stable.
20	Potential for **dissolved phase** contaminants to be present within **shallow groundwater**	Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Arun Terrace Deposits (a Secondary (A) Aquifer)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the likely absence of any significant dissolved phase contamination on-Site. It is noted that there are no mapped superficial deposits present beneath the area proposed for development.
21		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	-Folkestone Formation (north of the Site) (Principal Aquifer). -Marehill Clay Member (centre of the Site /area proposed for development) (Unproductive Strata). -Pulborough Sandrock Member (west of the Site) (Secondary (A) Aquifer). -Fittleworth Member (southwest of the Site) (Secondary (A) Aquifer).	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the likely absence of any significant ground contamination on-Site. It is noted that the area proposed for development is underlain by an Unproductive Strata.
22		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	River Store (c. 25 m southwest)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	Although the identified watercourse is situated relatively close to the Site, the risk rating reflects the likely absence of any significant dissolved phase contamination on-Site.
23		Lateral and vertical groundwater movement via natural or artificial flow paths	ECO	South Downs National Park (east/northeast of the Site)	**MEDIUM**	**UNLIKELY**	**LOW RISK**	The risk rating reflects the apparent absence of any significant dissolved phase contamination on-Site and also the likely modest sensitivity of the surrounding landscape.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
24	Potential for elevated **methane** to be present within the sub-surface **soils**	Lateral and vertical migration into on-Site buildings; potential to cause an explosion	HH	On-Site structure and it's occupants	**SEVERE**	**NEGLIGIBLE**	**NO DISCERNABLE RISK**	Based on the prevailing conceptual understanding an appreciable gas source is considered very unlikely.
25		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants	**SEVERE**	**NEGLIGIBLE**	**NO DISCERNABLE RISK**	
26	Potential for elevated **carbon dioxide** to be present within the subsurface **soils**	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation	HH	Occupants of on-Site structure	**SEVERE**	**NEGLIGIBLE**	**NO DISCERNABLE RISK**	
27		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings	**SEVERE**	**NEGLIGIBLE**	**NO DISCERNABLE RISK**	
28	Potential for **radon** within the subsurface	Lateral migration towards on-Site buildings; potential to cause long term health effects	HH	Occupants of on-Site structure	**MEDIUM**	**LOW LIKELIHOOD**	**MODERATE/LOW RISK**	The Site lies in an area where 1 to 3% of homes are at or above the UK radon action level (200 Bq/m3).
						OVERALL RISK RATING (on-Site)	**LOW RISK**	

2.6 Next Steps

✓	**No immediate action but observe a watching brief**	GeoSmart Information	Given the known history of the Site it is considered unlikely that any significant contamination is present within the sub-surface. The risks to future Site users will be further constrained by the planned retention of hardstanding across the vast majority of the Site and also the limited frequency and duration of Site occupation (by any one individual) - given the use of the Site as a holiday let. The preliminary risk assessment therefore indicates that the risks posed by in situ land quality to relevant receptors are likely to be **low.** It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities will likely be sufficient. The watching brief should be maintained throughout the entire development phase of works and any possible evidence of contamination encountered during the redevelopment works should be alerted to the Local Authority. Appropriate actions would then be required to further inspect, sample and analyse any suspect materials, and formulate an appropriate remediation plan, as necessary.

2.7 Other recommendations

✓	**Radon assessment / mitigation measures**		Given that the Site lies in an area where 1 to 3% of homes are at or above the UK radon action level (200 Bq/m3), we recommend that either further Radon Assessment is undertaken or that appropriate Radon Mitigation Measures are included as part of the planned development. Further information can be found at http://www.ukradon.org/information/ Additionally local building control may have further knowledge in relation to radon risks within the area.

3. Supporting Information

The following supporting information is contained in this section:

Section	Content
3.1	Referenced materials used in the EnviroSmart reporting
3.2	Site photographs
3.3	Published environmental data records (Landmark Envirocheck report The Granary, Hurston Lane, Pulborough, RH20 2EW. REF: 341449674_1_1) including: • Aerial photographs and site map • Environmental permits, incidents and registers • Landfill and other waste sites • Current land use information • Geology • Hydrogeology and hydrology • Flooding • Designated environmentally sensitive sites • Other environmental factors
3.4	Risk assessment methodology
3.5	Historical land use maps

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Martin Lucass
Commercial Director
GeoSmart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings, Bellstone
Shrewsbury
SY1 1HU

Tel: 01743 298100
martinlucass@geosmartinfo.co.uk

3.1 References

The following references were used to inform the conceptual site model and preliminary risk assessment:

British Geological Survey, 2024. GeoIndex Onshore (http://mapapps2.bgs.ac.uk/geoindex/home.html)

British Standards Institute, 2011. Investigation of potentially contaminated sites – code of practice. BS10175:2011+A2:2017.

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. Publication C552. CIRIA London. ISBN 0-86017-552 9

Environment Agency, 2023. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2024. National Groundwater Flood Risk Map (GW5)

Health Protection Agency, 2000. Spring 2000 Newsletter featuring; Radon: Guidance on Protective Measures for New Dwellings (BR 211).

Landmark, 2024. Landmark Envirocheck report The Granary, Hurston Lane, Pulborough, RH20 2EW. REF: 341449674_1_1

3.2 Site photographs



View of Site including Stables to be converted and existing dwelling.



Stables to be converted in the centre with existing concrete apron.



West (side) view of existing Stables to be converted.

Site Photos
April 2024
20190 - The Granary, Hurston Place Farm, Hurston Lane, Pulborough, RH20 2EW

JAMES CLAGUE
ARCHITECTS



View of existing Stables on site that do not form part of this application.



View of existing house.

Site Photos
April 2024
20190 - The Granary, Hurston Place Farm, Hurston Lane, Pulborough, RH20 2EW

JAMES CLAGUE
ARCHITECTS

3.3 Environmental data report

Readily available environmental information relating to the Site and its surrounding area has been provided by Landmark.

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
341449674_1_1

Customer Reference:
81534

National Grid Reference:
507360, 116140

Slice:
A

Site Area (Ha):
0.2

Search Buffer (m):
1000

Site Details:

The Granary, Hurston Lane
PULBOROUGH
RH20 2EW

Client Details:

Ms J Bayliff
Geo Smart Information Limited
Suite 9-11, 1st Floor
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Bellstone
Shrewsbury
Shropshire
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GeoSmart Information

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Introduction

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

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GeoSmart Information

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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3		2	4	19
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 9		Yes		
Pollution Incidents to Controlled Waters	pg 9				4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 10		1		1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 10				5 (*12)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Source Protection Zones	pg 16	1			1
Extreme Flooding from Rivers or Sea without Defences	pg 16		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 16		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 17		21	26	75

GeoSmart Information

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 31	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
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					
Geological					
BGS 1:625,000 Solid Geology	pg 32	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
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 32	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 32		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 33	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

GeoSmart Information

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 34				1
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 35				3
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 35	1			
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 35			1	1
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (S)	0	1	507356 116139
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	0	1	507356 116200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	0	1	507400 116200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	0	1	507350 116100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	58	1	507250 116139
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	73	1	507250 116150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	87	1	507500 116150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	89	1	507250 116000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	101	1	507500 116139
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	117	1	507300 115950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	122	1	507200 116150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	133	1	507250 115950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	133	1	507200 116200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	137	1	507550 116200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	148	1	507450 116000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	165	1	507350 115900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	166	1	507300 115900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	170	1	507150 116150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	178	1	507250 115900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	182	1	507500 116000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	187	1	507600 116150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	189	1	507356 116400

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	A13NW (NW)	191	1	507200 116300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	201	1	507550 116350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	252	1	507050 116050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	262	1	507150 116350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	265	1	507350 115800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	267	1	507356 115800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	279	1	507050 115950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	282	1	507500 115850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	286	1	507600 115950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	292	1	507700 116139
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	304	1	507700 116100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	317	1	507550 115850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	336	1	507200 115750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	355	1	507600 115850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	366	1	507300 115700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	387	1	507600 115800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	389	1	507356 116600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	408	1	507500 115700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (SW)	419	1	506900 115950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	425	1	507650 115800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (SW)	436	1	506900 115900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	444	1	506950 115800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	457	1	506850 116000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	462	1	507850 116050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	466	1	507300 115600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	467	1	506850 115950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	470	1	507250 115600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	476	1	507550 115650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	477	1	506950 115750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	480	1	507200 115600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	491	1	507450 116700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	496	1	507700 115750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	498	1	507500 116700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	500	1	507500 115600
1	**Discharge Consents** Operator: Mrs Elizabeth Mynhardt Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Hurston Place Stp Hurston Place, Hurston Lane, Pulbroough, West Sussex, Rh20 2ew Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprqb3196ed Permit Version: 1 Effective Date: 3rd January 2020 Issued Date: 3rd January 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Stor **Status:** **New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	16	2	507318 116049
2	**Discharge Consents** Operator: Mrs S Rowe Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Barn At Hurston Place Farm, Hurston Lane, Parham, Pulborough, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P06308 Permit Version: 1 Effective Date: 29th July 1996 Issued Date: 29th July 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	51	2	507300 116200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: The Occupier Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Old Mill Cottage, Hurston Lane, Pulborough, West Sussex, * Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02788 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: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A13SW (W)	274	2	507030 116030
4	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: Not Given Location: Storrington S T W , STORRINGTON, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: COPA/167 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 12th July 1985 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A8NE (S)	450	2	507430 115630
5	**Discharge Consents** Operator: Lady Emma Lavinia Barnard Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Redford House, Wiggonholt, Pulborough, West Sussex, Rh20 2ep Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P06985 Permit Version: 1 Effective Date: 30th October 1997 Issued Date: 30th October 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	A12SE (W)	491	2	506810 116090
5	**Discharge Consents** Operator: The Dickinson Trust Limited Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Redford House, Wiggonholt, Pulborough, West Sussex, Rh20 2ep Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P06985 Permit Version: 1 Effective Date: 30th October 1997 Issued Date: 30th October 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	A12SE (W)	491	2	506810 116090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: B.L.Davies Esq. Property Type: Undefined Or Other Location: Hurston Street Farm, Hurston Lane, STORRINGTON, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01392 Permit Version: 1 Effective Date: 13th January 1988 Issued Date: 13th January 1988 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	535	2	507800 115800
7	**Discharge Consents** Operator: Mr Robert Blay Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Freeland Farm Barn Hurlston Lane, Bog Common, Pulborough, West Sussex, Rh20 2er Authority: Environment Agency, Southern Region Catchment Area: The River Arun Reference: Npswqd005061 Permit Version: 1 Effective Date: 31st October 2008 Issued Date: 31st October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Stor **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	A8NW (S)	585	2	507247 115485
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 3 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	654	2	507510 115440
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 1 Effective Date: 1st April 2003 Issued Date: 18th March 2003 Revocation Date: 31st October 2003 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	654	2	507510 115440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 2 Effective Date: 1st November 2003 Issued Date: 18th March 2003 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	654	2	507510 115440
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 4 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A8SE (S)	667	2	507520 115430
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 4 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A8SE (S)	667	2	507520 115430
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 4 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A8SE (S)	683	2	507540 115420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 3 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	689	2	507530 115410
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 3 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	689	2	507530 115410
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 1 Effective Date: 1st April 2003 Issued Date: 18th March 2003 Revocation Date: 31st October 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	689	2	507530 115410
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 1 Effective Date: 1st April 2003 Issued Date: 18th March 2003 Revocation Date: 31st October 2003 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	689	2	507530 115410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 2 Effective Date: 1st November 2003 Issued Date: 18th March 2003 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	689	2	507530 115410
8	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington Wwtw, Storrington Storrington Wwtw, Hurston Lane, Storrington, West Sussex, Rh20 4hf Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01171 Permit Version: 2 Effective Date: 1st November 2003 Issued Date: 18th March 2003 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Stor **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	A8SE (S)	689	2	507530 115410
9	**Discharge Consents** Operator: The West Sussex Golf Club Ltd Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: West Sussex Golf Club, Pulborough, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00599 Permit Version: 1 Effective Date: 29th September 1986 Issued Date: 29th September 1986 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 100m	A17SE (NW)	715	2	506950 116770
10	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Storrington S.T.W., Storrington West Sussex Authority: Environment Agency, Southern Region Catchment Area: Old-Arun 70 Reference: W00017 Permit Version: 1 Effective Date: 12th July 1985 Issued Date: 12th July 1985 Revocation Date: 15th May 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - 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	A8SE (S)	752	2	507550 115350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: Mr J Glover Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Freelands House, Pulborough Freelands House, Bog Common, Pulborough, West Sussex, Rh20 2er Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P11515 Permit Version: 1 Effective Date: 30th January 1985 Issued Date: 30th January 1985 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 100m	A8SW (S)	773	2	507210 115300
12	**Discharge Consents** Operator: Edward Jarman Esq Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Chilt Corner, Rambledown Lane, WEST CHILTINGTON Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02535 Permit Version: 1 Effective Date: 26th November 1965 Issued Date: 26th November 1965 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water 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	A18NE (N)	910	2	507600 117100
13	**Discharge Consents** Operator: Mr And Mrs Chapman Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bog Common Cottages, Hurston Lane, Storrington, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P06984 Permit Version: 1 Effective Date: 30th October 1997 Issued Date: 30th October 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	A7SE (SW)	953	2	506730 115310
	Nearest Surface Water Feature	A13SW (SW)	15	-	507303 116101
14	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Other Location: Hunslton Lane, STORRINGTON Authority: Environment Agency, Southern Region Pollutant: Storm Sewage Note: Hurston Lane Pumping Stn O/Flowing Solids To River Storr; Water Company Sewage: Sewage Treatment Works Incident Date: 5th January 1994 Incident Reference: 833 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	684	2	507530 115415

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Other Location: STORRINGTON Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewage Entering River Stor Rear Property After Heavy/Rain; Water Company Sewage: Foul Sewer Incident Date: 15th September 1995 Incident Reference: 1416 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	690	2	507500 115400
15	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: West Of Monkmead Lane Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Chilt Muddy And Brown Incident Date: 9th April 1996 Incident Reference: 1609 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	696	2	507900 116700
16	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Surcharged Sewage Note: Blocked Sewer In Garden; Effluent To River Chilt Incident Date: 5th January 1998 Incident Reference: 2372 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (N)	888	2	507000 117000
	River Quality Name: Stor GQA Grade: River Quality C Reach: Chilt Conf - Storrington Stw Estimated Distance (km): 3.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13SW (W)	17	2	507274 116125
	River Quality Name: Chilt GQA Grade: River Quality D Reach: Stor Conf - Source Estimated Distance (km): 1.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A19SW (NE)	728	2	507829 116803
17	**Water Abstractions** Operator: West Sussex Golf Club Licence Number: 10/41/415309 Permit Version: 100 Location: West Sussex Golf Club At Wiggonholt Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	518	2	507310 116720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**Water Abstractions** Operator: West Sussex Golf Club Licence Number: 10/41/415309 Permit Version: 101 Location: West Sussex Golf Club At Wiggonholt Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	562	2	507325 116767
17	**Water Abstractions** Operator: West Sussex Golf Club Licence Number: 10/41/415309 Permit Version: 101 Location: West Sussex Golf Club At Wiggonholt Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 30th May 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	562	2	507325 116767
17	**Water Abstractions** Operator: West Sussex Golf Club Licence Number: 10/41/415309 Permit Version: 101 Location: West Sussex Golf Club At Wiggonholt Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 30th May 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	562	2	507325 116767
18	**Water Abstractions** Operator: Albion Mill Holdings Ltd Licence Number: 415406 Permit Version: Not Supplied Location: River Stor , West Chiltington, PULBOROUGH Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 227 Yearly Rate (m3): 3500 Details: Tributary Of Arun 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	A12NE (NW)	619	2	506780 116450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mrs E J Verheul Licence Number: 415301 Permit Version: Not Supplied Location: Trib Of Chilt, Sylvan Nurs, WEST CHILTINGTON Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 91 Yearly Rate (m3): 2272 Details: River Stor 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	A23NW (N)	1386	2	507190 117580
	Water Abstractions Operator: Sylvans Licence Number: 10/41/415301 Permit Version: 101 Location: Trib Of River Chilt At West Chiltington Road Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 18th November 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NE (N)	1390	2	507000 117540
	Water Abstractions Operator: Mrs E J Verheul Licence Number: 10/41/415301 Permit Version: 100 Location: Trib Of River Chilt At West Chiltington Road Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 91 Yearly Rate (m3): 2272.7 Details: See Licence Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NE (N)	1390	2	507000 117540
	Water Abstractions Operator: Albion Mill Holdings Ltd Licence Number: 10/41/415406 Permit Version: 100 Location: Trib Of Stor At West Chiltington Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 227 Yearly Rate (m3): 3500 Details: See Licence Map Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1859	2	506510 117840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Little River Ltd Licence Number: 415307A Permit Version: Not Supplied Location: Churchfield Farm, W CHILTINGTON Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2818 Yearly Rate (m3): 27273 Details: Additional Purpose: Spray Irrigation 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	(NE)	1950	2	508485 117835
	Water Abstractions Operator: Little River Ltd Licence Number: 10/41/415307ca Permit Version: 100 Location: Churchfield Farm Reservoir Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 March Authorised End: 31 May Permit Start Date: 8th December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1952	2	508480 117840
	Water Abstractions Operator: Little River Ltd Licence Number: 10/41/415307ca Permit Version: 100 Location: Churchfield Farm Reservoir Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 May Authorised End: 31 October Permit Start Date: 8th December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1952	2	508480 117840
	Water Abstractions Operator: Little River Ltd Licence Number: 10/41/415307 Permit Version: 2 Location: Churchfield Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 May Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1955	2	508478 117845

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Little River Ltd Licence Number: 10/41/415307 Permit Version: 1 Location: Churchfield Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 May Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1955	2	508478 117845
	Water Abstractions Operator: Little River Ltd Licence Number: 10/41/415307 Permit Version: 1 Location: Churchfield Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 May Authorised End: 31 October Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1955	2	508478 117845
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 10/41/415303 Permit Version: 100 Location: Smock Alley At West Chiltington Borehole 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1967	2	509210 117000
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 10/41/415303 Permit Version: 100 Location: Smock Alley At West Chiltington Borehole 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1967	2	509210 117000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13NW (S)	0	3	507356 116139
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13NE (NE)	0	3	507374 116169
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13SW (S)	0	3	507342 116059
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13NW (N)	0	3	507352 116154

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13NW (N)	0	3	507351 116166
	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: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13NW (N)	0	3	507355 116144
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (N)	0	3	507351 116166
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SW (S)	0	3	507342 116059
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (S)	0	3	507356 116139
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (N)	0	3	507355 116144
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (N)	0	3	507352 116154
19	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NW (N)	0	2	507351 116164
20	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone of Special Interest: Zones outside the normal catchment area where potential polluting activities and known local conditions could affect the groundwater source.	A17SW (NW)	781	2	506623 116497
	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	A13SW (SW)	3	2	507300 116105
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	10	2	507275 116105
	Areas Benefiting from Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas None				
	Flood Defences None				
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	17	4	507318 116049
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	28	4	507283 116052
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 334.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	29	4	507278 116054
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 522.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	29	4	507274 116060
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	30	4	507289 116045
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	34	4	507295 116038
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	34	4	507299 116036
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	34	4	507297 116037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	56	4	507312 116010
30	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 10.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	62	4	507315 116003
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	71	4	507308 115996
32	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	86	4	507324 115980
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	89	4	507328 115977
34	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	90	4	507341 115977
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 245.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	91	4	507348 115977
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1166.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NW (W)	154	4	507179 116206
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (E)	180	4	507591 116229

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	184	4	507588 116255
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	211	4	507610 116274
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	216	4	507614 116279
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	218	4	507616 116280
42	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 15.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	268	4	507652 116322
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 507.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	275	4	507648 116344
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	284	4	507666 116329
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	291	4	507670 116337
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	293	4	507670 116340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 111.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	316	4	507433 115771
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	316	4	507433 115771
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	326	4	507498 115794
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 704.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	344	4	507471 115758
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	344	4	507471 115758
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 423.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	355	4	507465 115742
53	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	361	4	507531 115774
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 390.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (E)	384	4	507803 116078
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	385	4	507552 115759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	406	4	507406 115669
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	411	4	507405 115664
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 123.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	416	4	507354 115651
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 206.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8NE (S)	436	4	507373 115633
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NW (NE)	475	4	507823 116440
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 390.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	478	4	507802 116478
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NW (NE)	484	4	507858 116390
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	487	4	506883 116361
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	487	4	507290 115579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	490	4	506880 116360
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 645.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	492	4	506806 116071
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	499	4	507282 115568
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NW (E)	501	4	507889 116355
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	554	4	507239 115517
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	557	4	507235 115514
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NW (E)	557	4	507969 116237
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 802.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	568	4	506816 116407
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 131.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	568	4	506816 116407

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	579	4	506761 116290
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 173.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A14NW (E)	587	4	507986 116326
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NW (E)	587	4	507986 116326
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	594	4	507252 115476
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NW (E)	595	4	507992 116339
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	600	4	507202 115476
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 378.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	628	4	507821 116681
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SE (S)	635	4	507452 115445
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SE (S)	638	4	507456 115443

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 29.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	664	4	507619 116839
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: Underground Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	666	4	508066 116333
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	686	4	507696 116832
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	688	4	507700 116833
87	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (NE)	688	4	507676 116843
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	691	4	507698 116837
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	693	4	507635 116865
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	696	4	507695 116843
91	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 20.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	696	4	507637 116867

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 125.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	697	4	508095 116342
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	700	4	507717 116838
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	706	4	507717 116844
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 158.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	709	4	507717 116848
96	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	709	4	507655 116874
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SE (S)	728	4	507559 115378
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A14NE (E)	743	4	508152 116277
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	744	4	508152 116283
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	744	4	508152 116283

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	749	4	508155 116297
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 243.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	755	4	508163 116279
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 180.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	755	4	508163 116279
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 509.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	772	4	506599 115752
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	772	4	506599 115752
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SE (S)	772	4	507571 115336
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	775	4	507980 116731
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 853.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	775	4	507980 116731
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 595.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SE (S)	776	4	507573 115333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 301.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	785	4	506585 115749
111	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 133.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	796	4	507994 116746
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 465.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	801	4	507520 117003
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	829	4	507675 116995
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 147.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	829	4	507675 116995
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	837	4	507608 117023
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (N)	877	4	507696 117038
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 126.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (N)	877	4	507696 117038
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	883	4	507256 117081

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 65.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	888	4	507833 116989
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 504.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	897	4	508196 115748
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	905	4	507271 117106
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	908	4	507272 117108
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	913	4	507581 117107
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A18NE (N)	913	4	507581 117107
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SE (NE)	915	4	508124 116777
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SE (NE)	916	4	508126 116776
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SE (NE)	917	4	508128 116775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	917	4	508060 115517
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	917	4	508060 115517
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 106.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	928	4	508333 116317
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SE (NE)	930	4	508153 116764
132	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 70.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	937	4	507305 117142
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	942	4	508080 115502
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	949	4	508085 115498
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	960	4	508134 115536
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 530.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A23SE (N)	971	4	507522 117174

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A23SE (N)	971	4	507522 117174
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A15NW (E)	972	4	508385 116218
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 131.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chilt Catchment Name: Rother and Arun Primacy: 1	A15NW (E)	982	4	508394 116214
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Stor Catchment Name: Rother and Arun Primacy: 1	A9SE (SE)	994	4	508087 115435
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9SE (SE)	994	4	508089 115437
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A23SW (N)	995	4	507315 117201

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	507356 116139
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	507356 116139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lower Greensand Group	A13NW (S)	0	1	507356 116139
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	14	1	507283 116092
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	14	1	507283 116092
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	507356 116117
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	507352 116154
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	507374 116169
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	90	1	507211 116082
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	507355 116144
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	507351 116166
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	14	1	507283 116092
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	50	1	507260 116044
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	142	1	507553 116229
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	162	1	507168 116196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	507356 116150
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	507356 116139
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	507356 116150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**Contemporary Trade Directory Entries** Name: C A Welch Engineering Location: HURSTON LANE, STORRINGTON, RH20 4HF Classification: Mechanical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	917	-	507926 115378

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	**Ancient Woodland** Name: Not Supplied Reference: 1478302 Area(m²): 16196.63 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	540	7	507724 115710
145	**Ancient Woodland** Name: Not Supplied Reference: 1478303 Area(m²): 8605.64 Type: Ancient and Semi-Natural Woodland	A8SE (S)	844	7	507594 115268
146	**Ancient Woodland** Name: Furze Field Reference: 1479020 Area(m²): 24601.93 Type: Ancient and Semi-Natural Woodland	A14SE (E)	928	7	508331 116069
147	**National Parks** Name: South Downs Multiple Area: N Area (m2): 1652679314.3 Source: Natural England **Status: Fully Designated - designated as a National Park** Designation Date: 2nd November 2009	A13NE (E)	0	7	507383 116148
148	**Sites of Special Scientific Interest** Name: Hurston Warren Multiple Areas: N Total Area (m2): 691211.76 Source: Natural England Reference: 1000444 Designation Details: Site Of Special Scientific Interest Designation Date: 6th August 1985 Date Type: Notified	A12NE (NW)	470	7	506924 116422
149	**Sites of Special Scientific Interest** Name: Parham Park Multiple Areas: N Total Area (m2): 2632801.65 Source: Natural England Reference: 1000637 Designation Details: Nature Conservation Review Designation Date: 30th June 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 30th June 1986 Date Type: Notified	A7NE (SW)	543	7	506995 115623

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Arun District Council - Environmental Health Department	December 2019	Annual Rolling Update
Horsham District Council - Environmental Health Department	February 2015	Annual Rolling Update
Environment Agency - Head Office	November 2023	Annually
Chichester District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	January 2024	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	October 2023	Quarterly
Environment Agency - Southern Region	October 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Arun District Council - Environmental Health Department	December 2014	Variable
Horsham District Council - Environmental Health Department	June 2015	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Local Authority Pollution Prevention and Controls		
Arun District Council - Environmental Health Department	December 2014	Not Applicable
Horsham District Council - Environmental Health Department	June 2015	Annual Rolling Update
Chichester District Council - Environmental Health Department	October 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Arun District Council - Environmental Health Department	December 2014	Variable
Horsham District Council - Environmental Health Department	June 2015	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	February 2024	
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	January 2024	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2024	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2024	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2023	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	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
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		
Arun District Council - Technical Support Unit	February 2003	Not Applicable
Chichester District Council - Environmental Health Department	February 2003	Not Applicable
Horsham District Council - Environmental Health Department	February 2003	Not Applicable
West Sussex County Council - Environment & Development	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Arun District Council - Technical Support Unit	October 2018	
Chichester District Council - Environmental Health Department	October 2018	
Horsham District Council - Environmental Health Department	October 2018	
West Sussex County Council - Environment & Development	October 2018	
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	January 2024	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Chichester District Council - Planning Department	April 2023	Variable
Horsham District Council - Planning Department	July 2023	Variable
Arun District Council - Technical Support Unit	March 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
Arun District Council - Technical Support Unit	February 2016	Variable
Chichester District Council - Planning Department	February 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 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	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	October 2023	Bi-Annually
Areas of Adopted Green Belt		
Arun District Council - Technical Support Unit	February 2024	Quarterly
Chichester District Council	February 2024	Quarterly
Horsham District Council - Planning Department	February 2024	Quarterly
South Downs National Park	February 2024	Quarterly
Areas of Unadopted Green Belt		
Arun District Council - Technical Support Unit	February 2024	Quarterly
Chichester District Council	February 2024	Quarterly
Horsham District Council - Planning Department	February 2024	Quarterly
South Downs National Park	February 2024	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	February 2024	Bi-Annually
Marine Nature Reserves		
Natural England	February 2024	Bi-Annually
National Nature Reserves		
Natural England	February 2024	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	February 2024	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	**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.

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

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

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

Probability	Consequence (severity): Severe	Medium	Mild	Minor
High likelihood	Very high risk	High risk	Moderate risk	Low risk
Likely	High risk	Moderate risk	Moderate/low risk	Low risk
Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

Very High	High	Moderate	Moderate/Low	Low	Very Low
There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action	It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild	The presence of an identified hazard does not give rise to the potential to cause harm to a receptor

3.5 Historical land use maps

Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

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

1:10,000 Raster Mapping

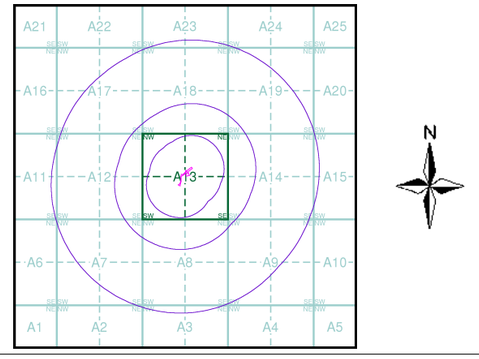
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community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

GeoSmart Information

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1880	2
Sussex	1:10,560	1898	3
Sussex	1:10,560	1912	4
Sussex	1:10,560	1912	5
Sussex	1:10,560	1938	6
Ordnance Survey Plan	1:10,000	1961 - 1962	7
Ordnance Survey Plan	1:10,000	1978	8
Ordnance Survey Plan	1:10,000	1982	9
10K Raster Mapping	1:10,000	2000	10
Street View	Variable		11

Historical Map - Slice A



Order Details

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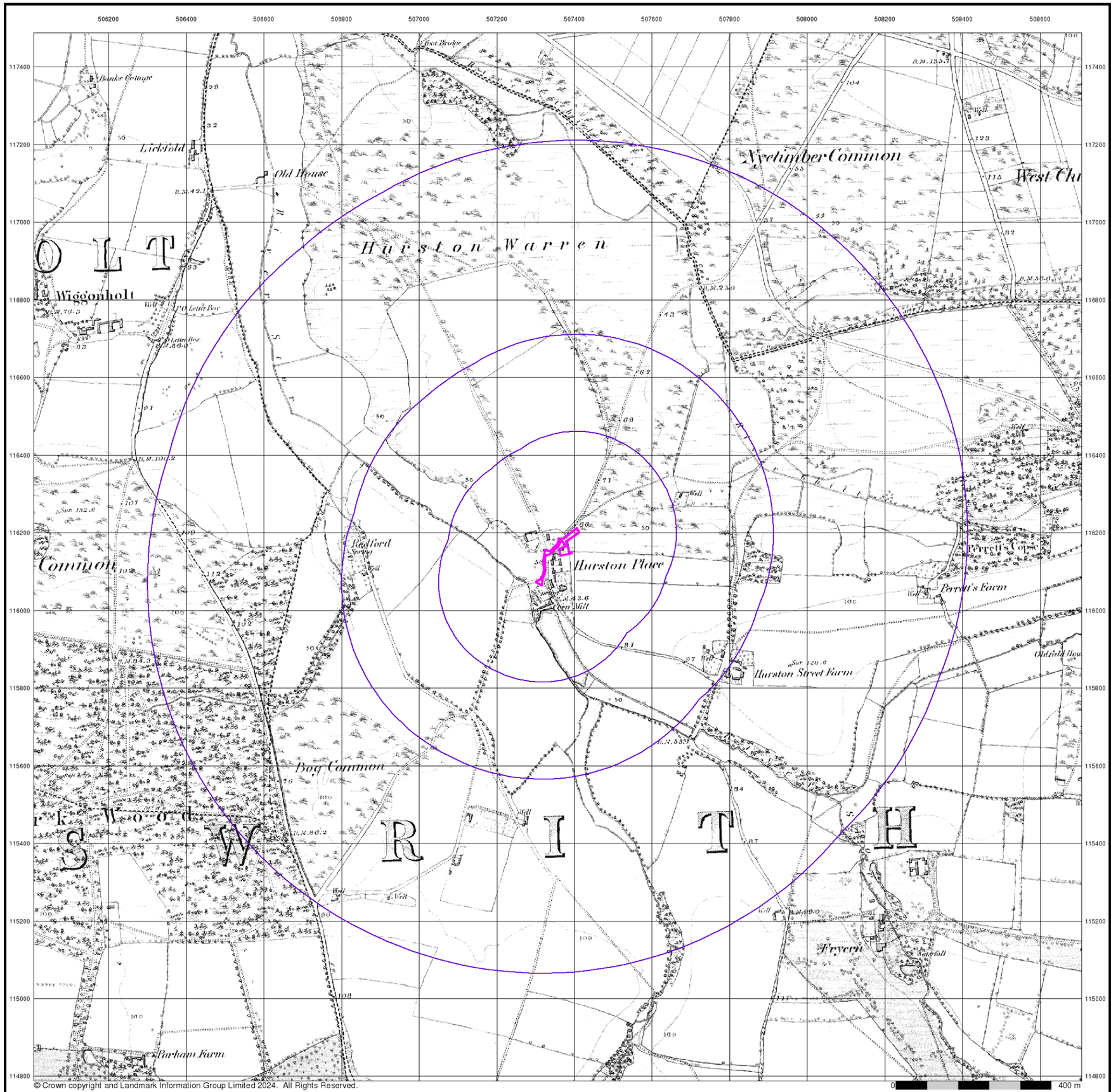
Customer Ref: 81534
National Grid Reference: 507360, 116140
Slice: A
Site Area (Ha): 0.2
Search Buffer (m): 1000

Site Details

The Granary, Hurston Lane, PULBOROUGH, RH20 2EW

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



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GeoSmart Information

Sussex

Published 1880

Source map scale - 1:10,560

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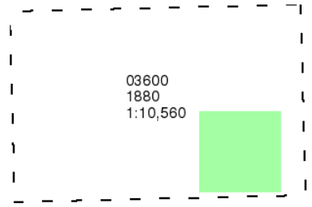
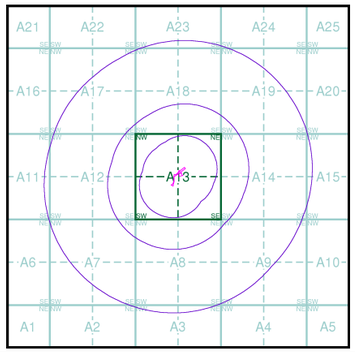
Map Name(s) and Date(s)



Historical Map - Slice A



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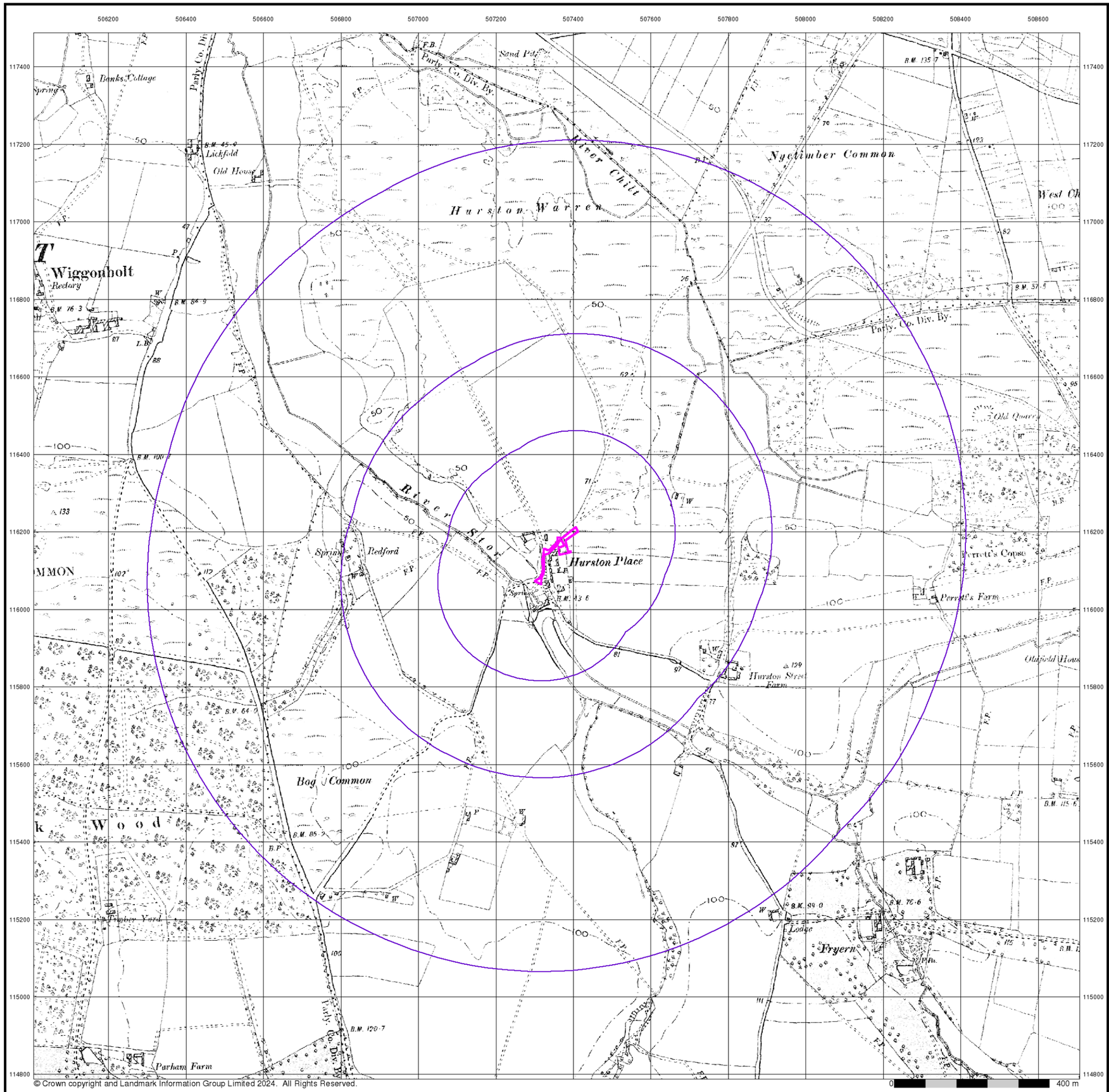

GeoSmart Information

Sussex

Published 1898

Source map scale - 1:10,560

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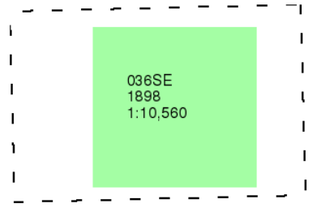
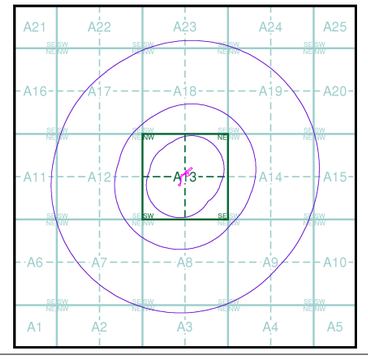


Historical Map - Slice A



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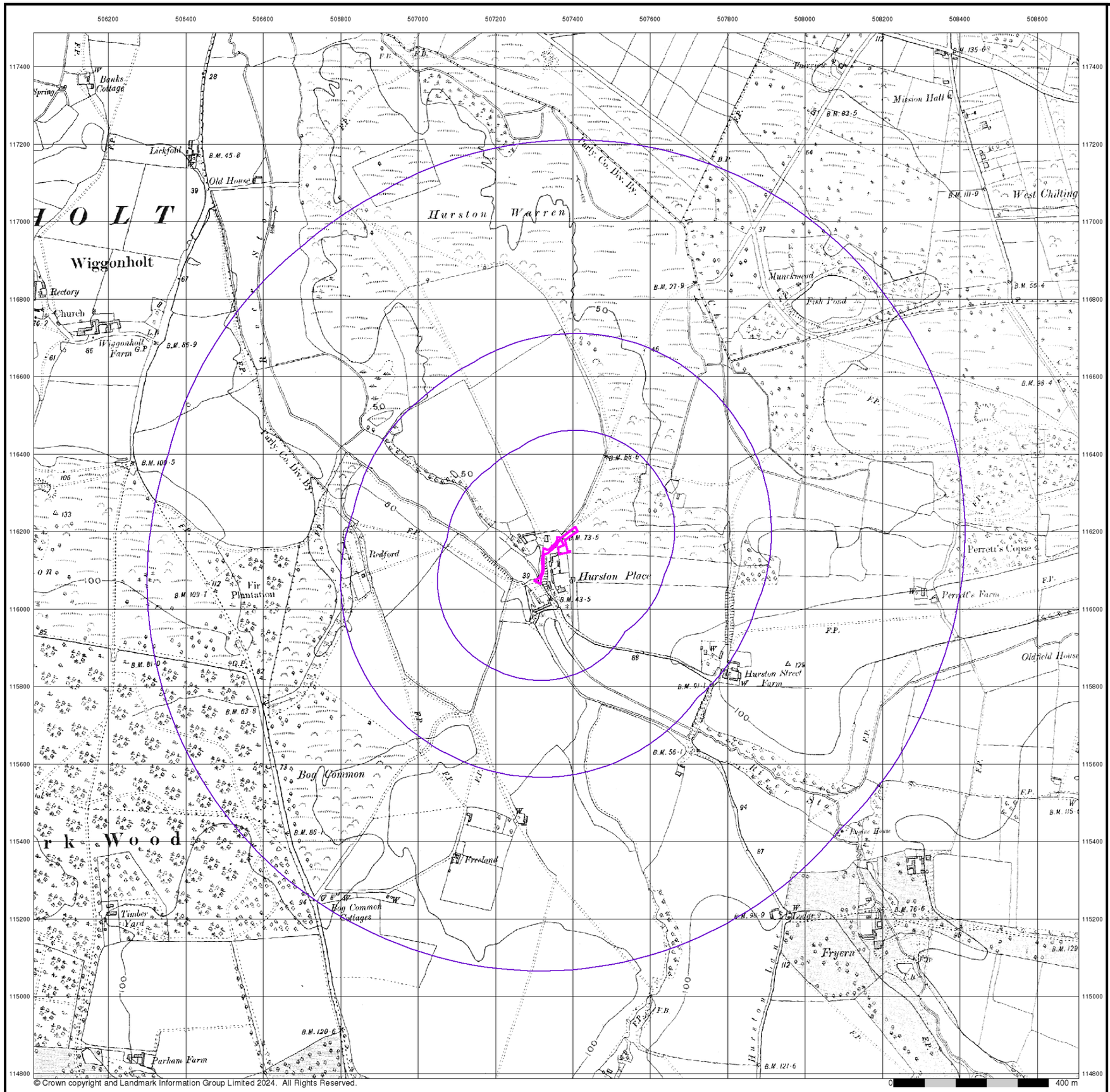

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GeoSmart Information

Sussex

Published 1912

Source map scale - 1:10,560

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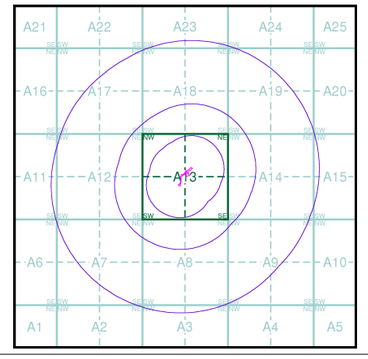
Map Name(s) and Date(s)

036SE
1912
1:10,560

Historical Map - Slice A



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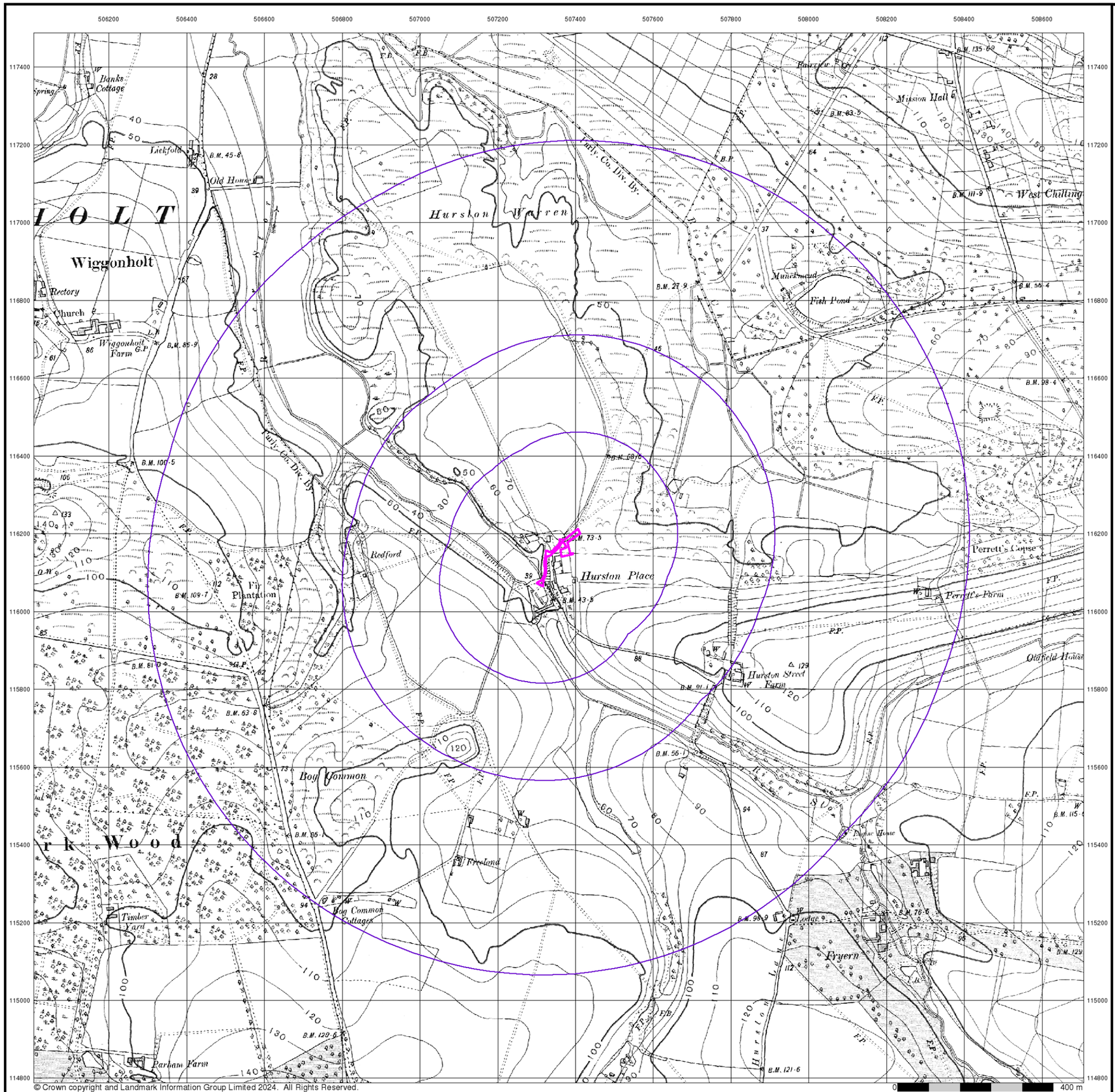

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GeoSmart Information

Sussex

Published 1912

Source map scale - 1:10,560

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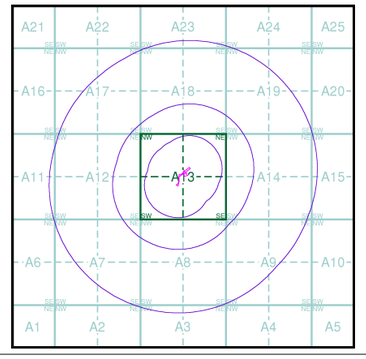
036SE
1912
1:10,560

Historical Map - Slice A



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Slice:	A
Site Area (Ha):	0.2
Search Buffer (m):	1000

Site Details

The Granary, Hurston Lane, PULBOROUGH, RH20 2EW

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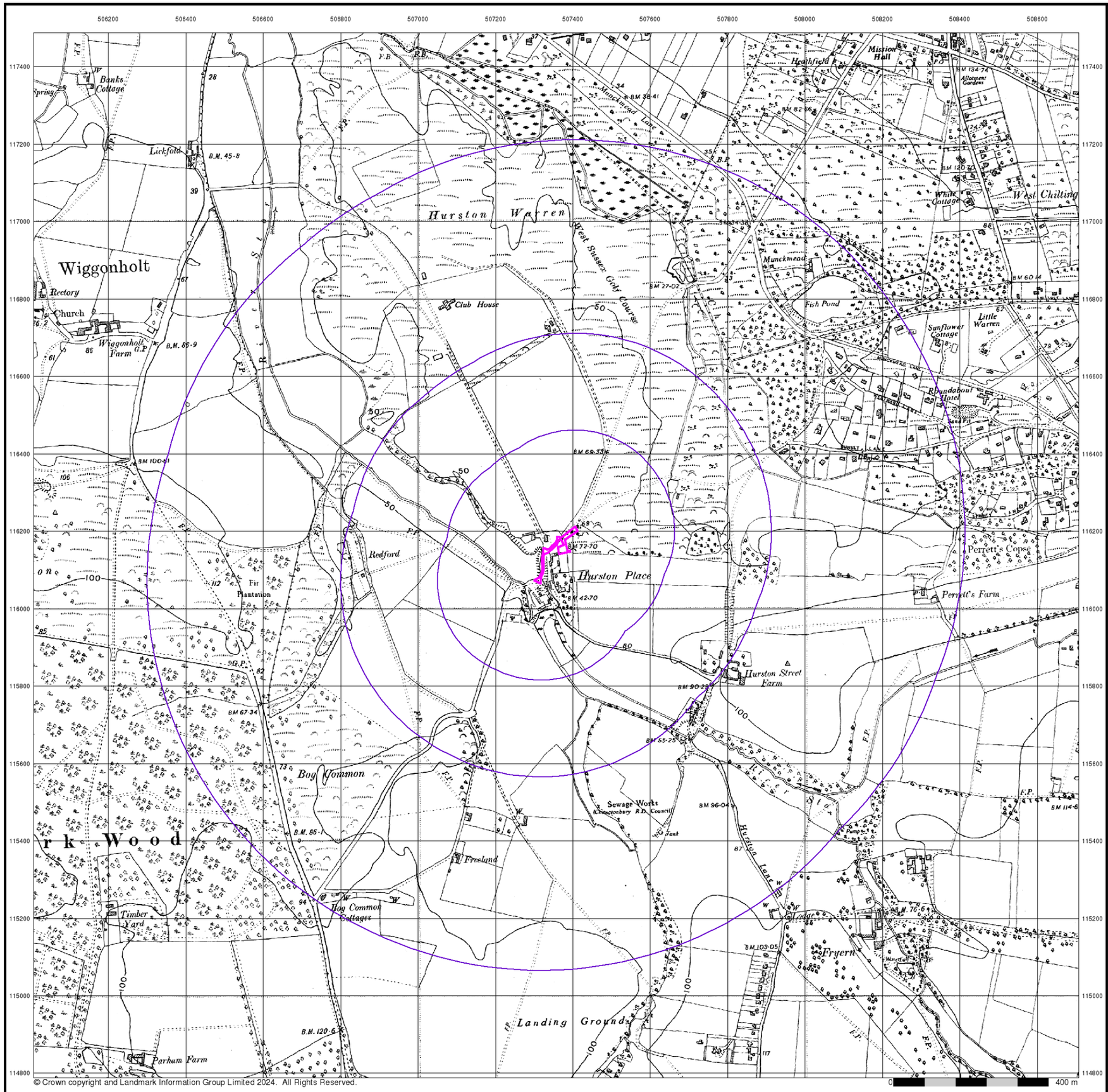
Web: www.envirocheck.co.uk



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GeoSmart Information

Sussex

Published 1938

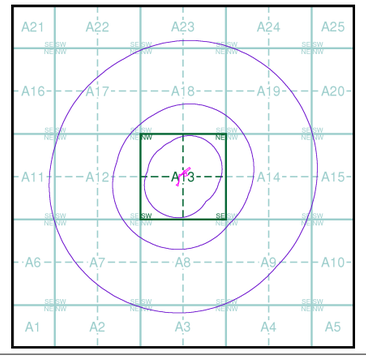
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

036SE
1938
1:10,560

Historical Map - Slice A



Order Details

Order Number:	341449674_1_1
Customer Ref:	81534
National Grid Reference:	507360, 116140
Slice:	A
Site Area (Ha):	0.2
Search Buffer (m):	1000

Site Details

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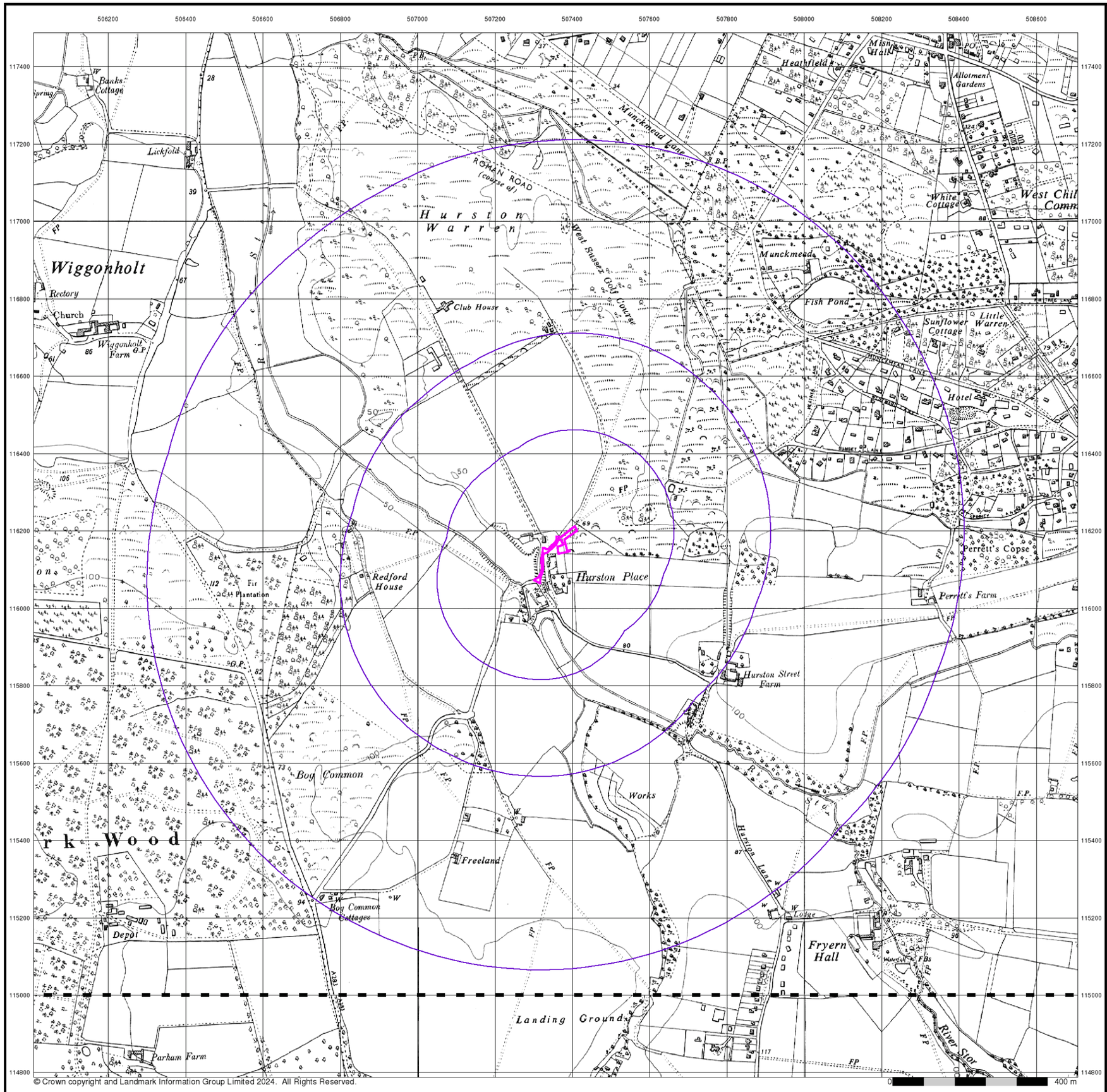

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GeoSmart Information

Ordnance Survey Plan

Published 1961 - 1962

Source map scale - 1:10,000

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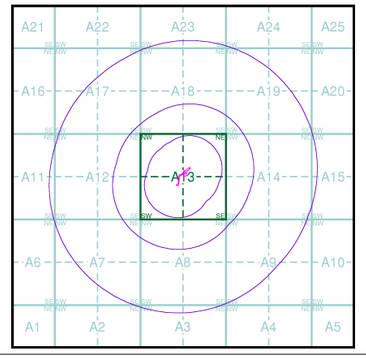
Map Name(s) and Date(s)

TQ01NE
1962
1:10,560

TQ01SE
1961
1:10,560

Historical Map - Slice A



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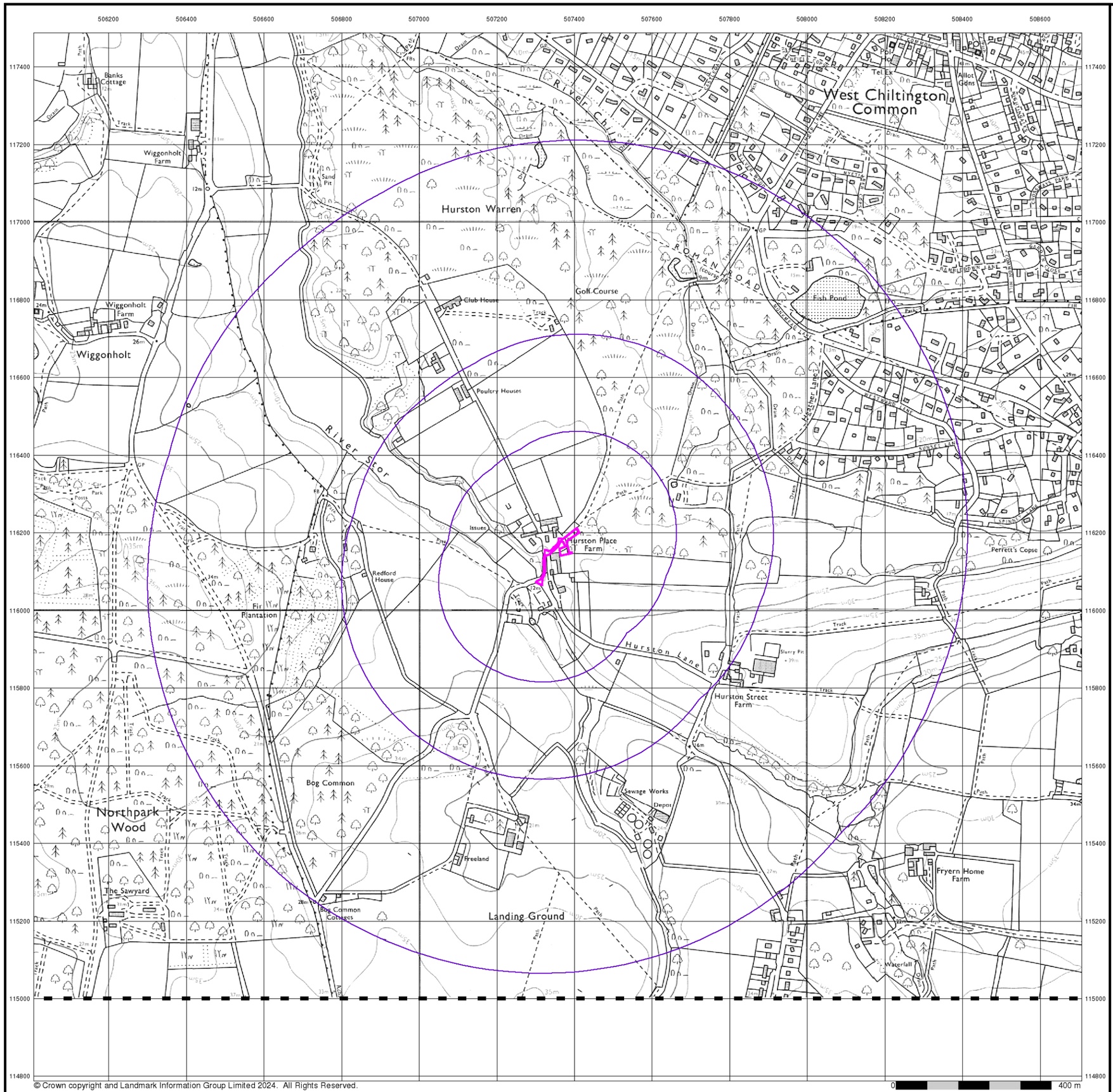

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GeoSmart Information

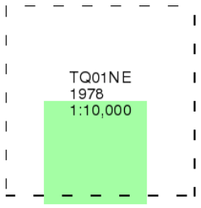
Ordnance Survey Plan

Published 1978

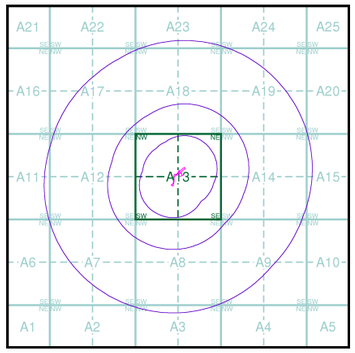
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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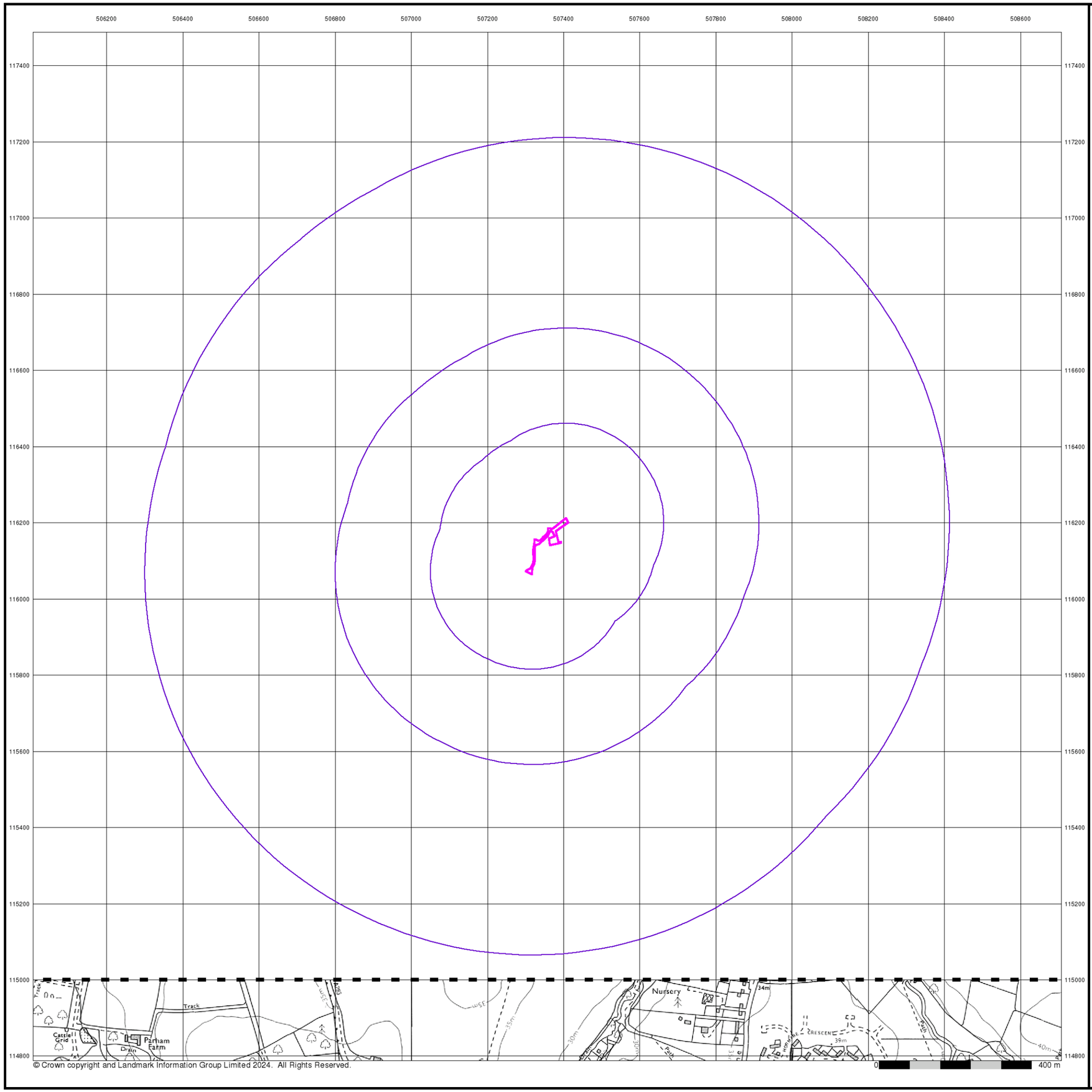

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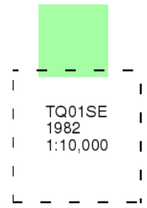
Ordnance Survey Plan

Published 1982

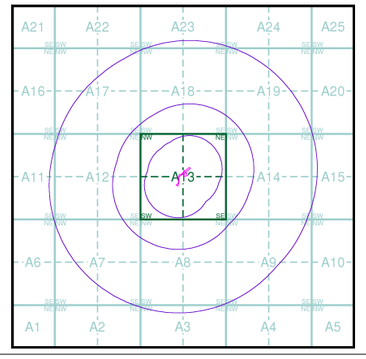
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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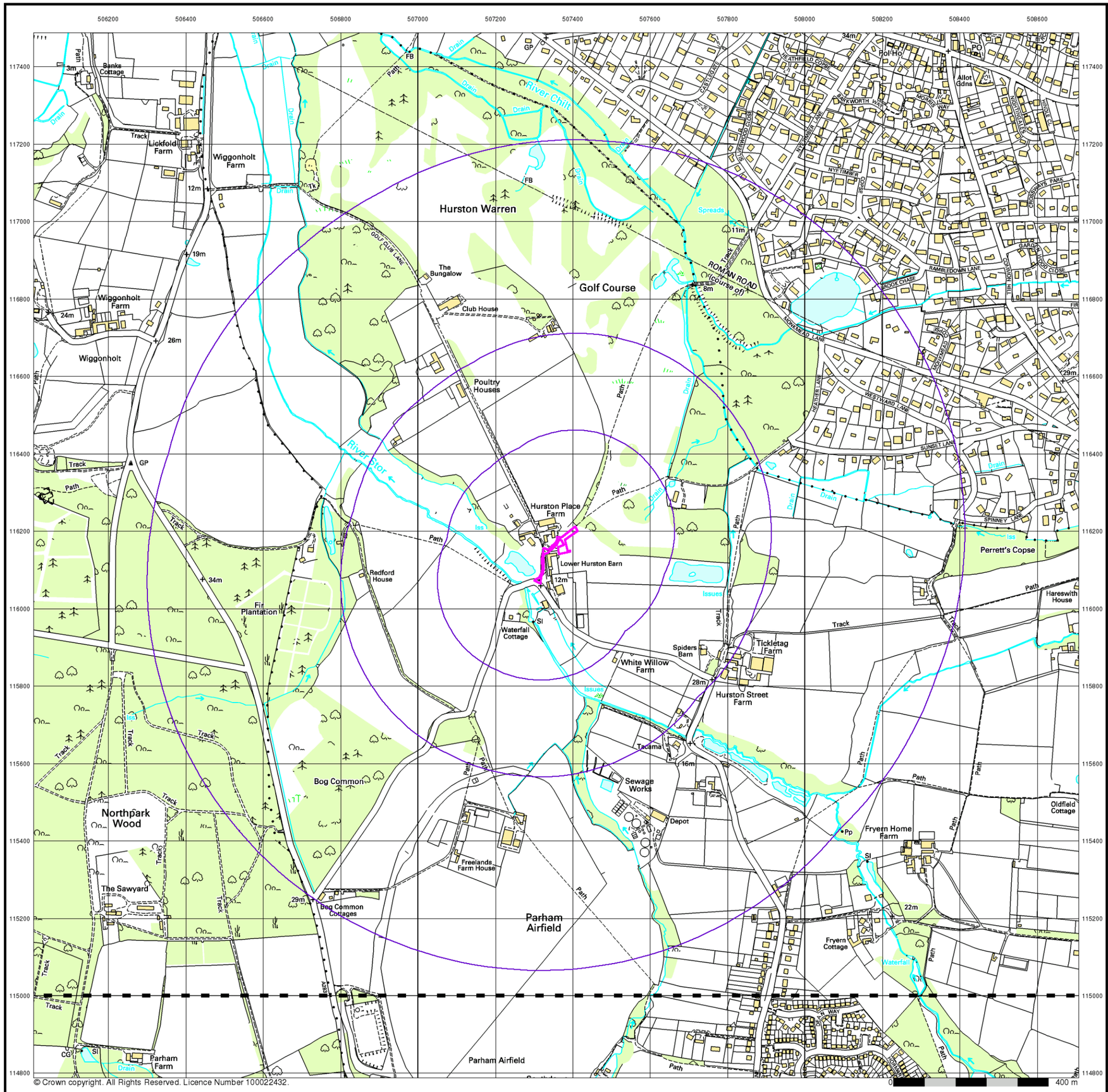


GeoSmart Information

10k Raster Mapping

Published 2000

Source map scale - 1:10,000

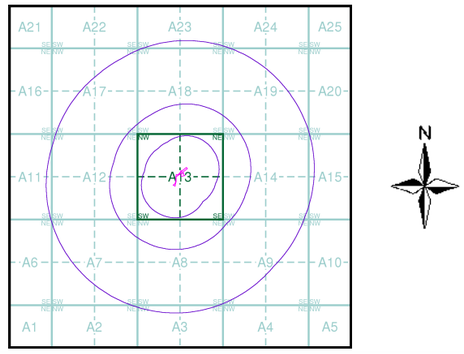
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TQ01NE
2000
1:10,000

TQ01SE
2000
1:10,000

Historical Map - Slice A



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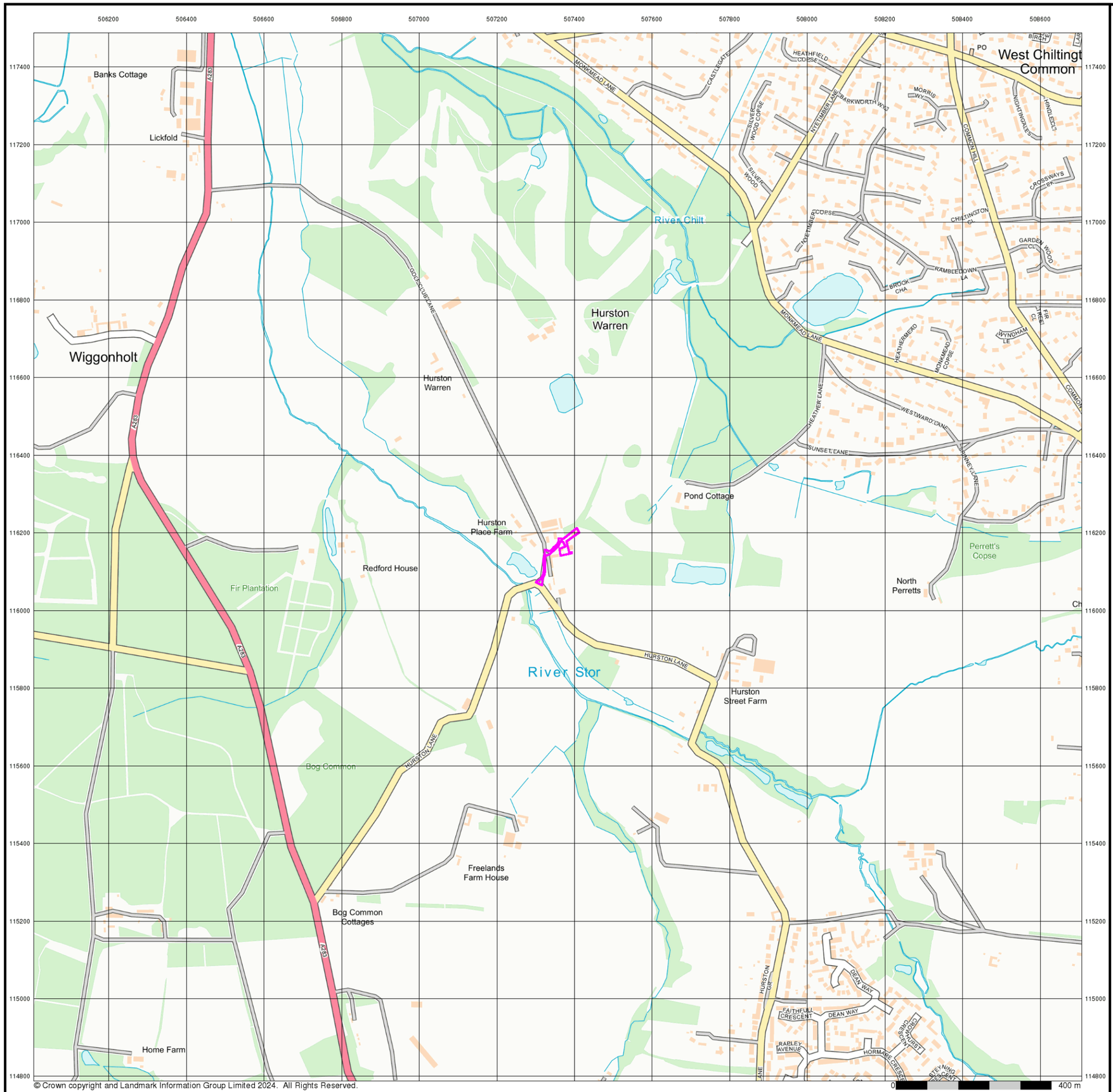


GeoSmart Information

Street View

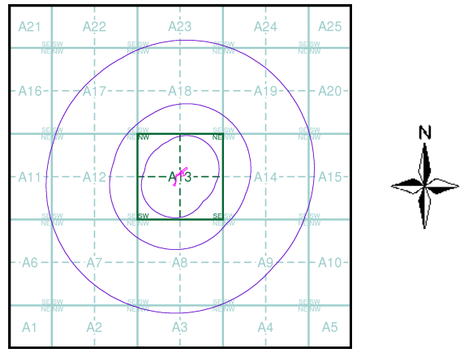
Published 2024

Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)

Street View Map - Slice A



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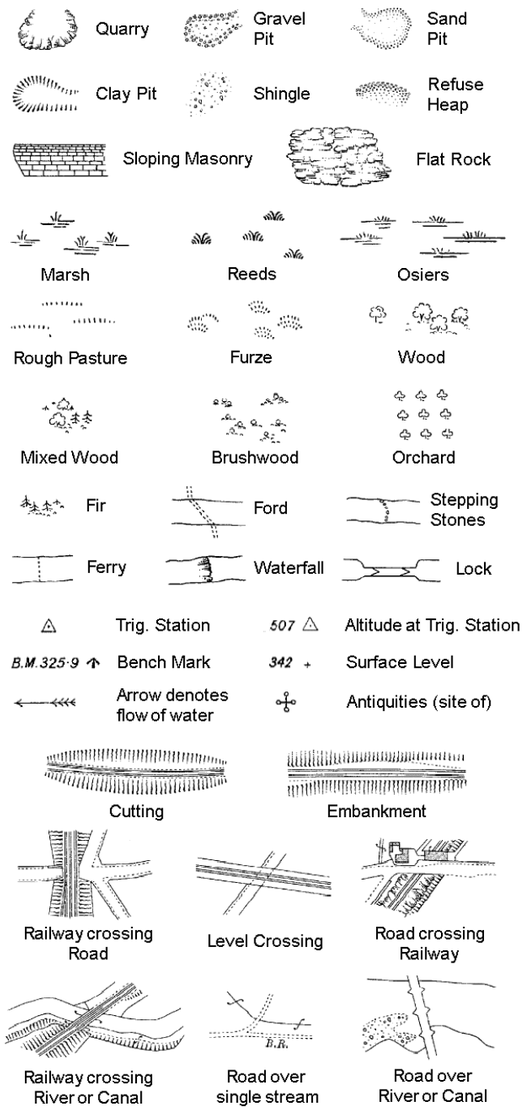
Historical Mapping Legends

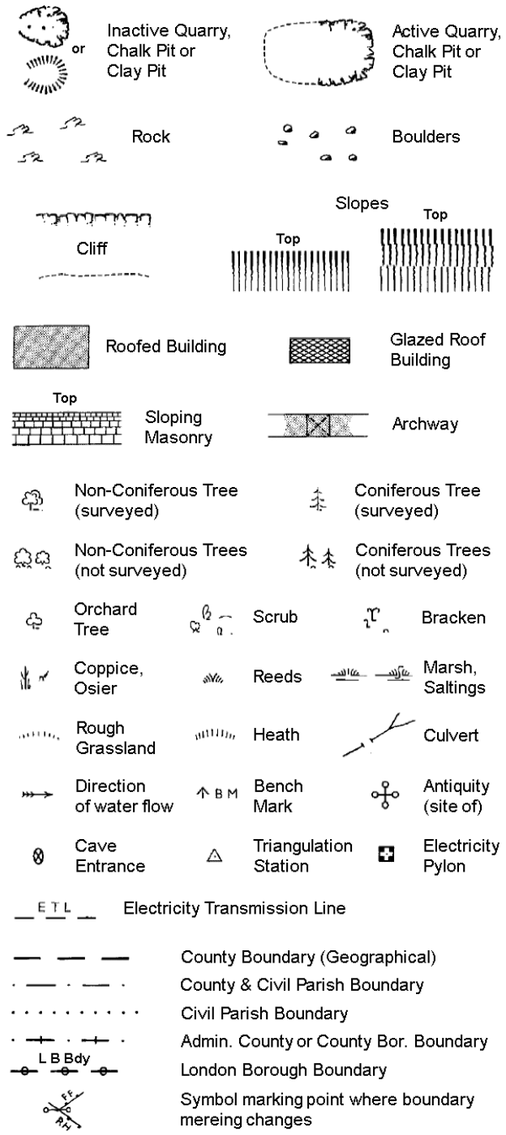
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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

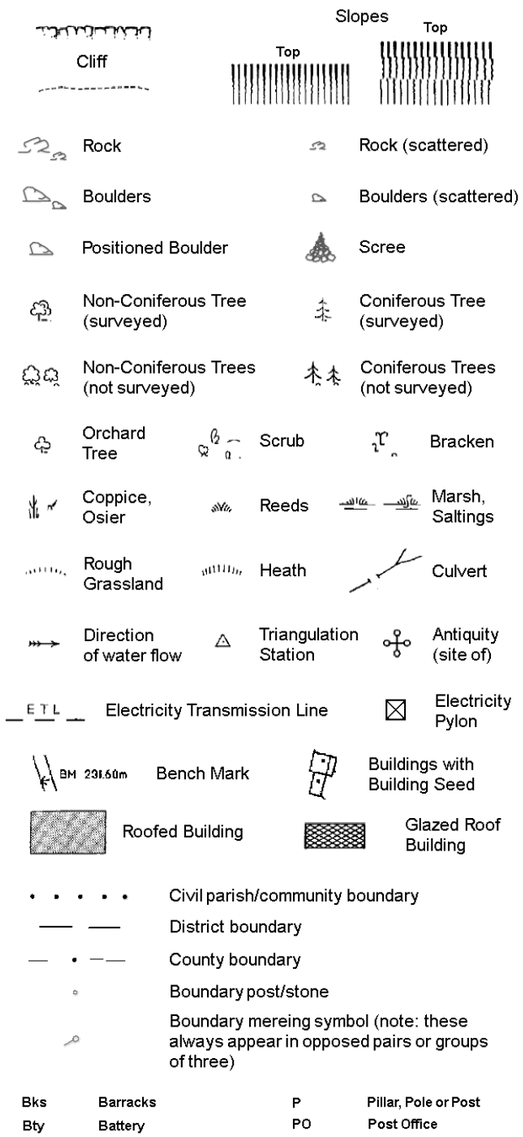
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



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)

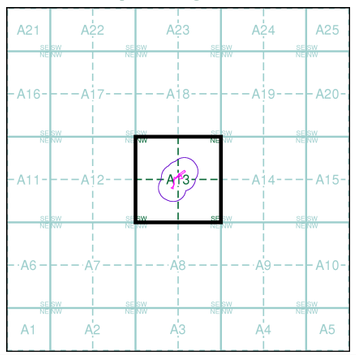
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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

GeoSmart Information

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1876	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1911	4
Sussex	1:2,500	1937	5
Ordnance Survey Plan	1:2,500	1973	6
Large-Scale National Grid Data	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1995	8

Historical Map - Segment A13



Order Details

Order Number:	341449674_1_1
Customer Ref:	81534
National Grid Reference:	507360, 116140
Slice:	A
Site Area (Ha):	0.2
Search Buffer (m):	100

Site Details

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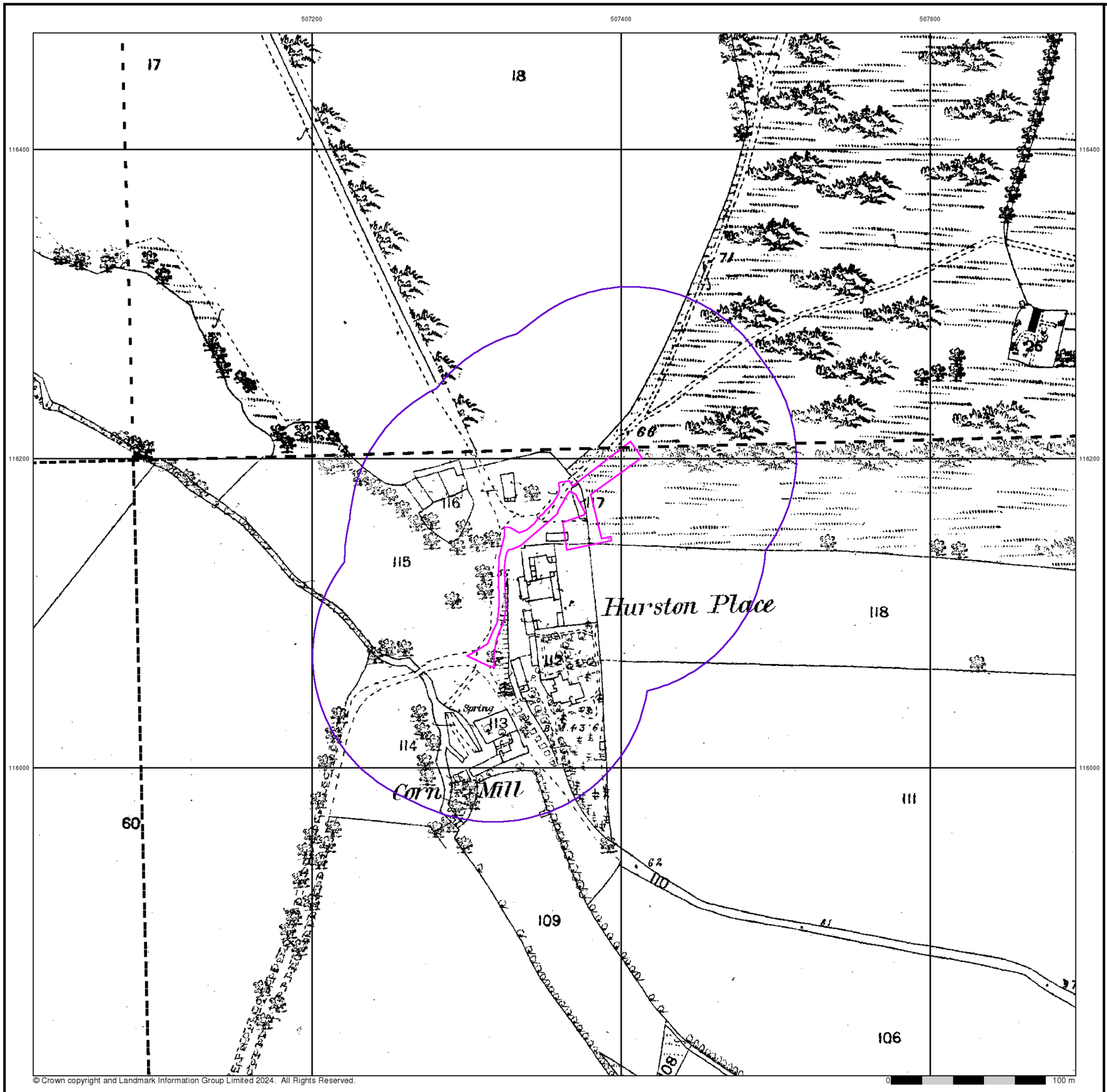

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GeoSmart Information

Sussex

Published 1876

Source map scale - 1:2,500

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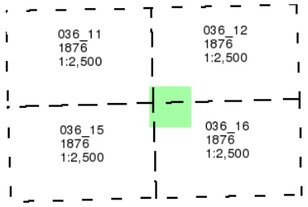
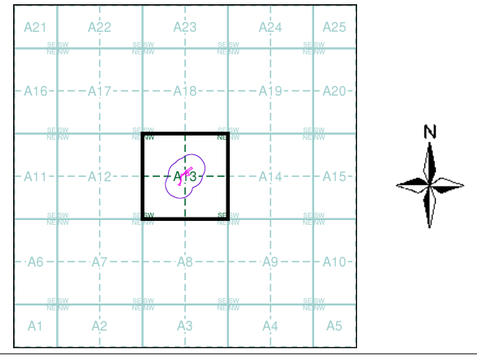
Map Name(s) and Date(s)



Historical Map - Segment A13



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GeoSmart Information

Sussex

Published 1897

Source map scale - 1:2,500

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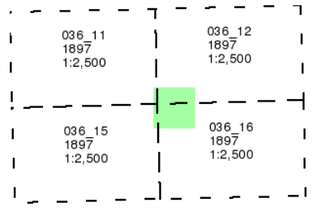
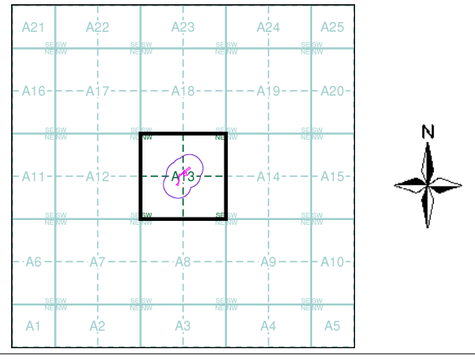
Map Name(s) and Date(s)



Historical Map - Segment A13



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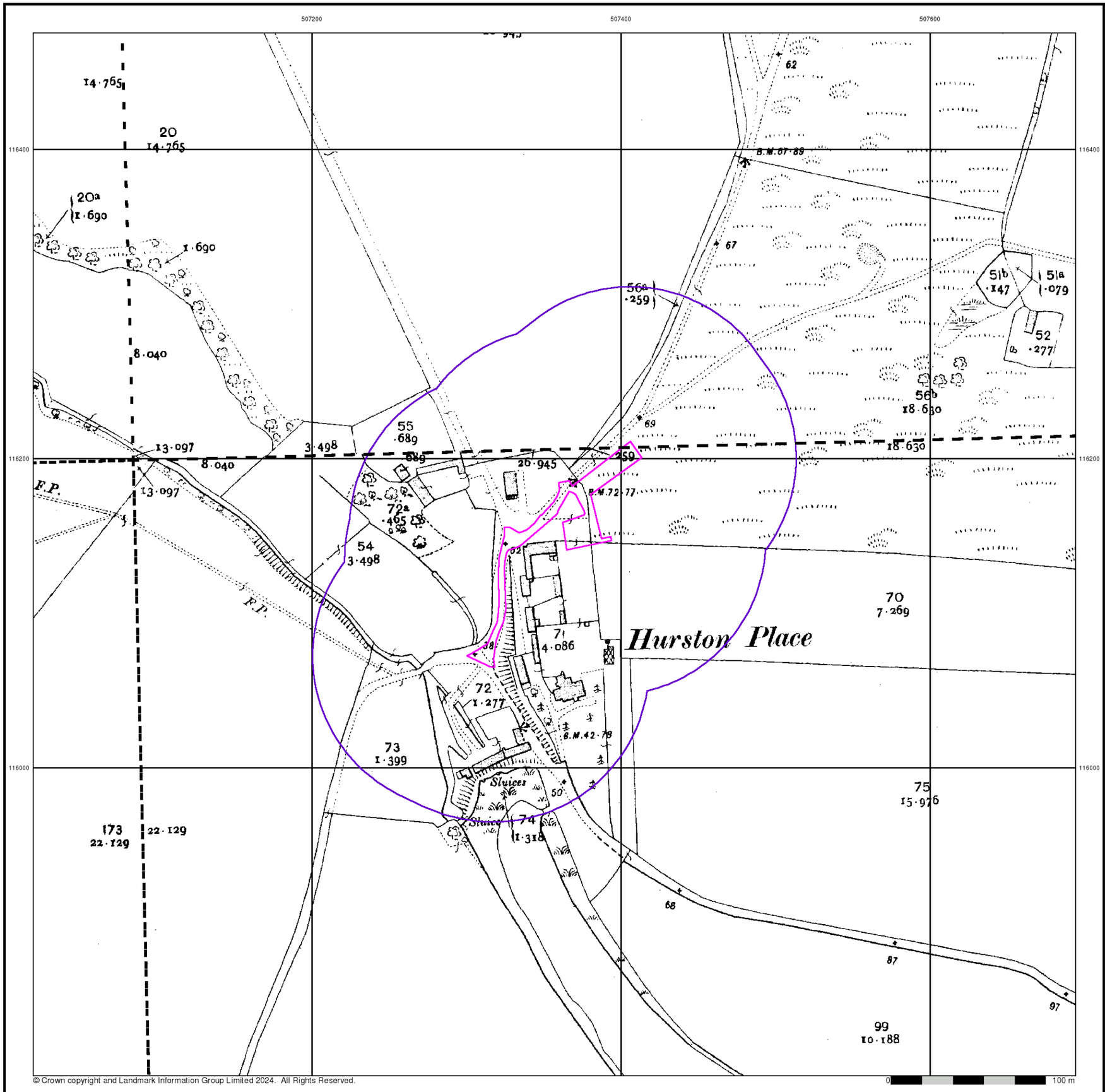


GeoSmart Information

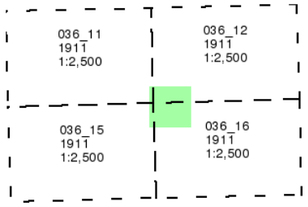
Sussex

Published 1911

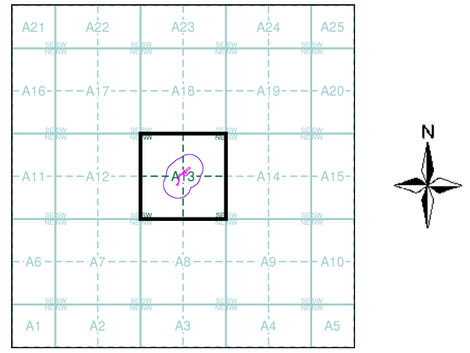
Source map scale - 1:2,500

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



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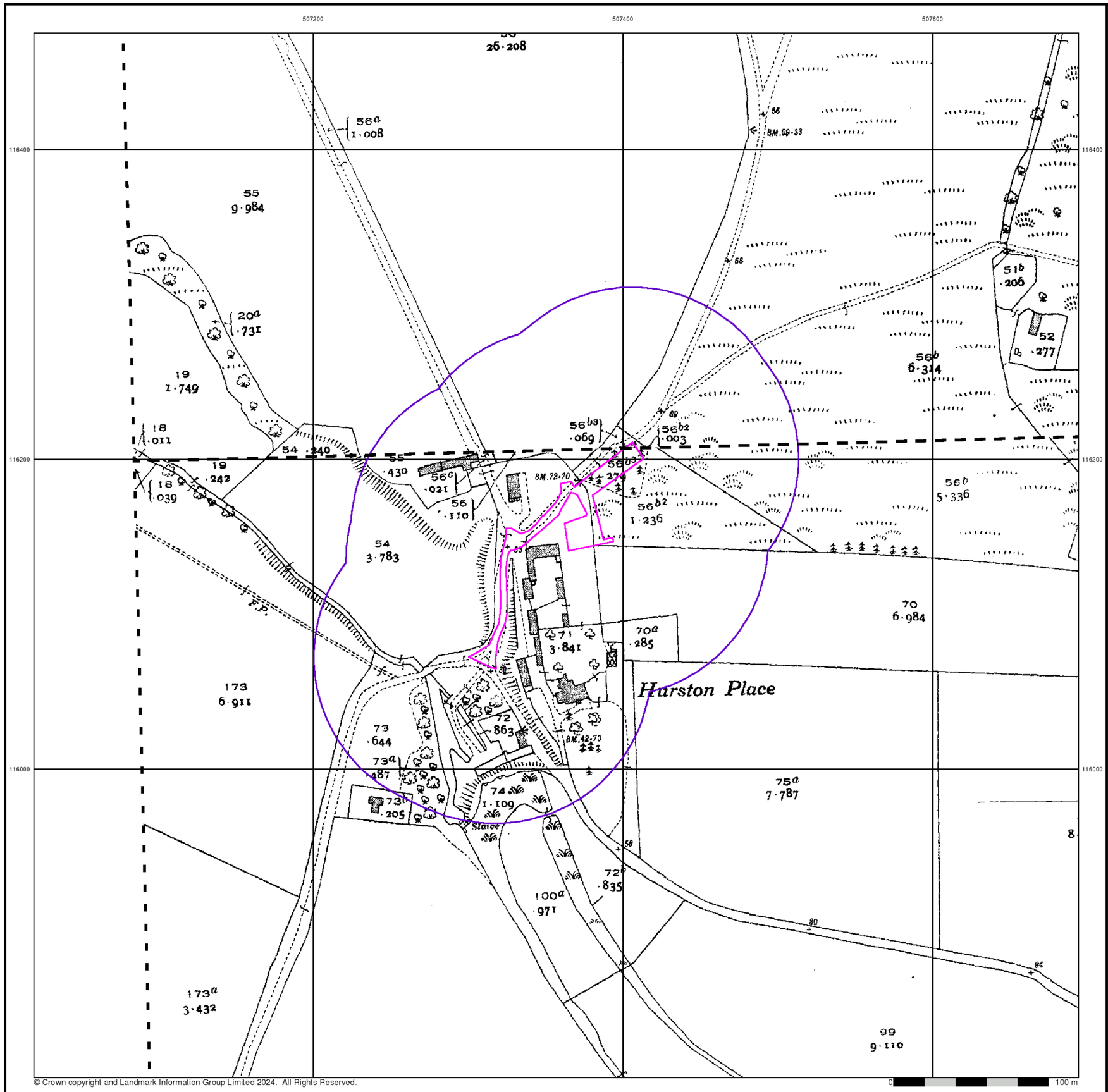

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0 100 m

GeoSmart Information

Sussex

Published 1937

Source map scale - 1:2,500

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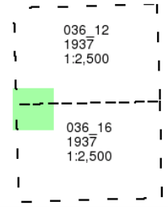
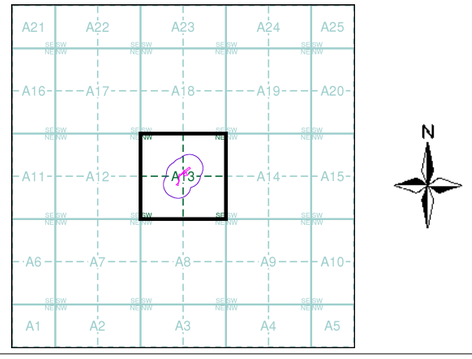
Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	341449674_1_1
Customer Ref:	81534
National Grid Reference:	507360, 116140
Slice:	A
Site Area (Ha):	0.2
Search Buffer (m):	100

Site Details

The Granary, Hurston Lane, PULBOROUGH, RH20 2EW

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Fax: 0844 844 9951
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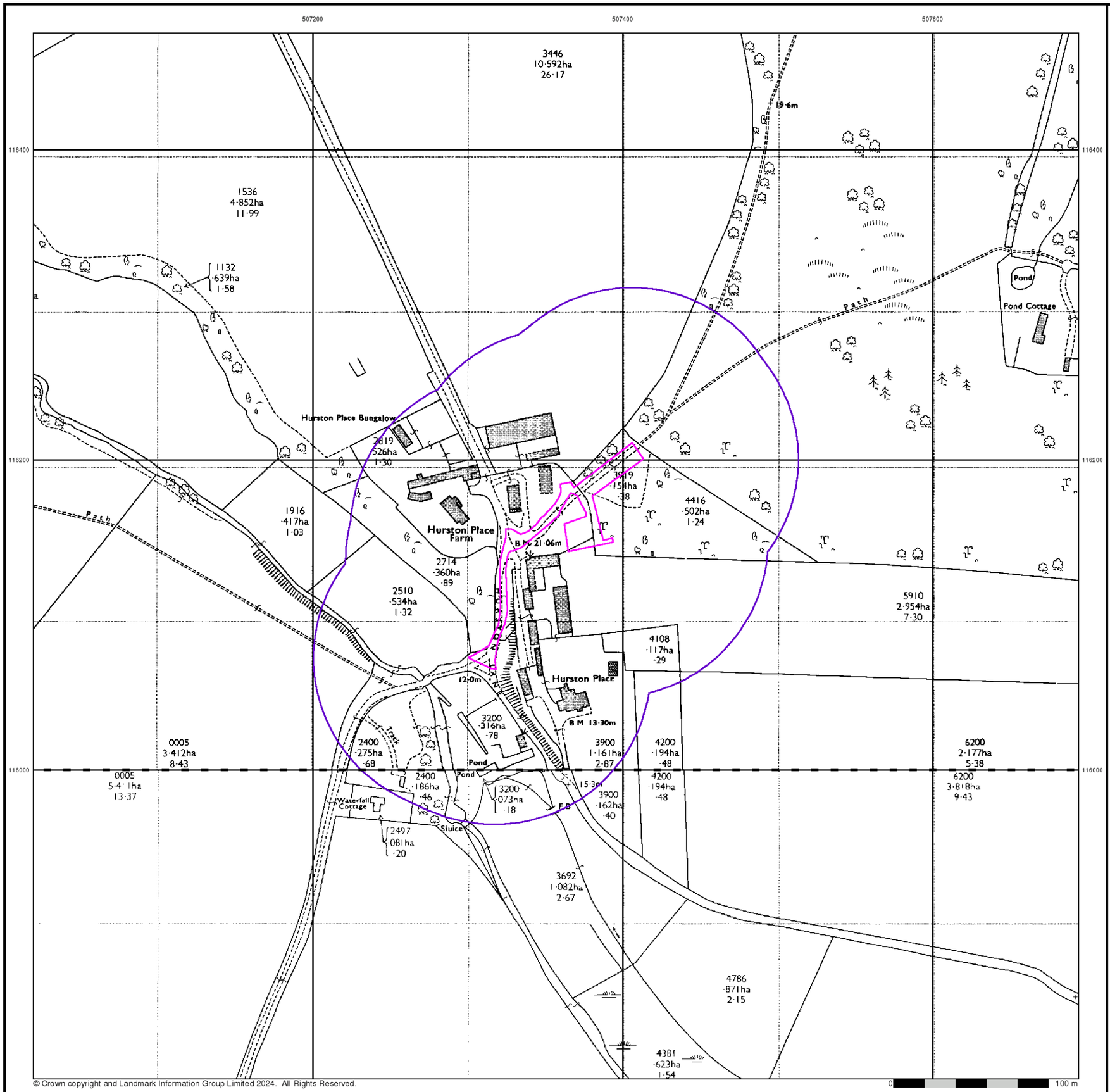


GeoSmart Information

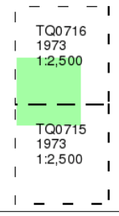
Ordnance Survey Plan

Published 1973

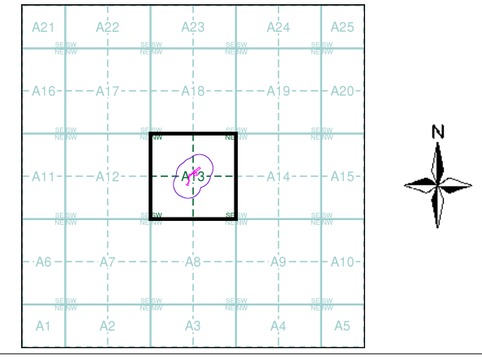
Source map scale - 1:2,500

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



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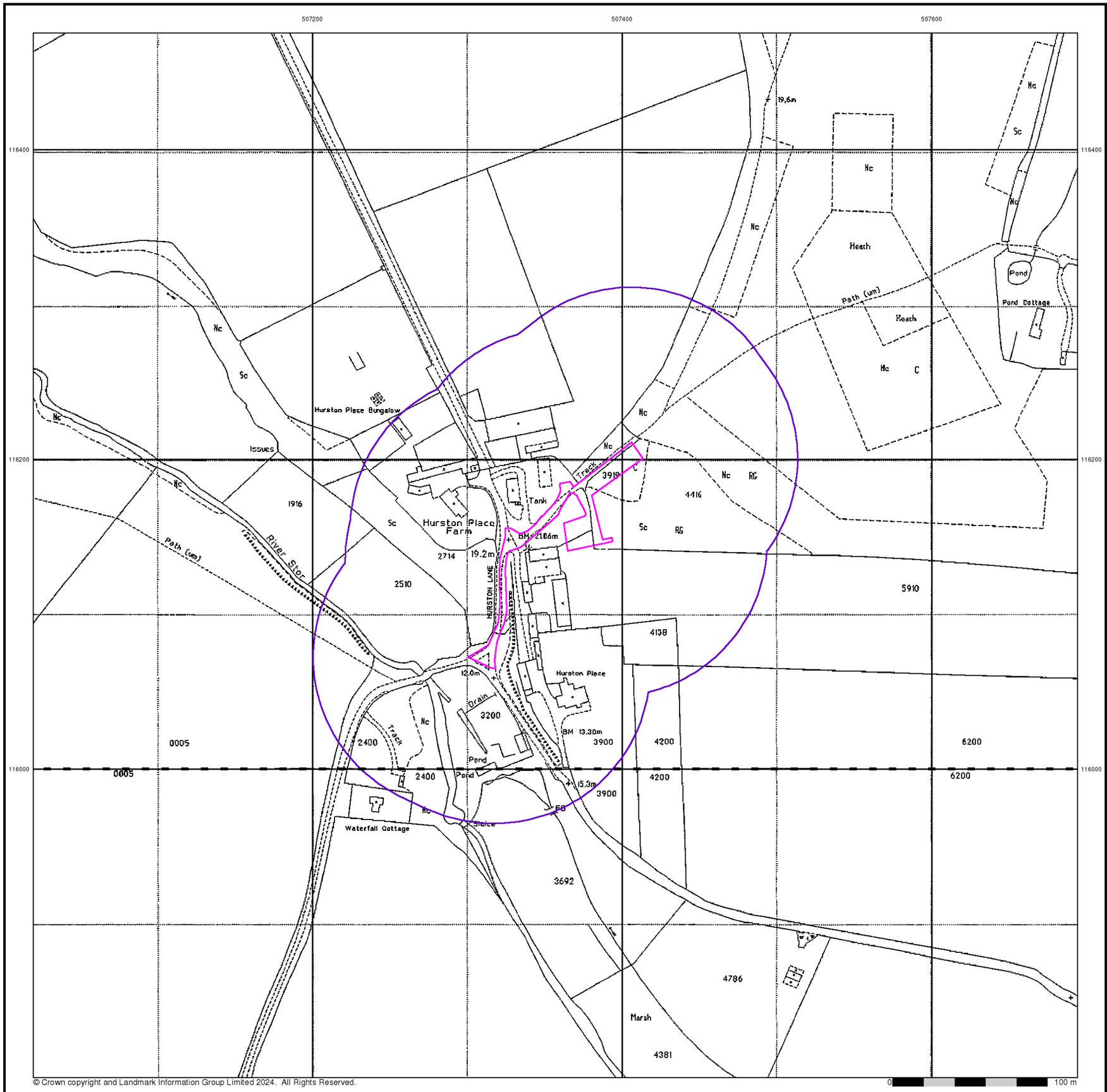

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0 100 m

GeoSmart Information

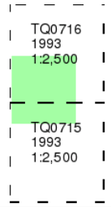
Large-Scale National Grid Data

Published 1993

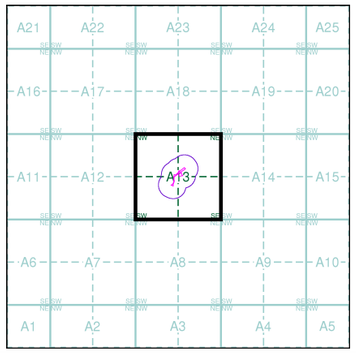
Source map scale - 1:2,500

'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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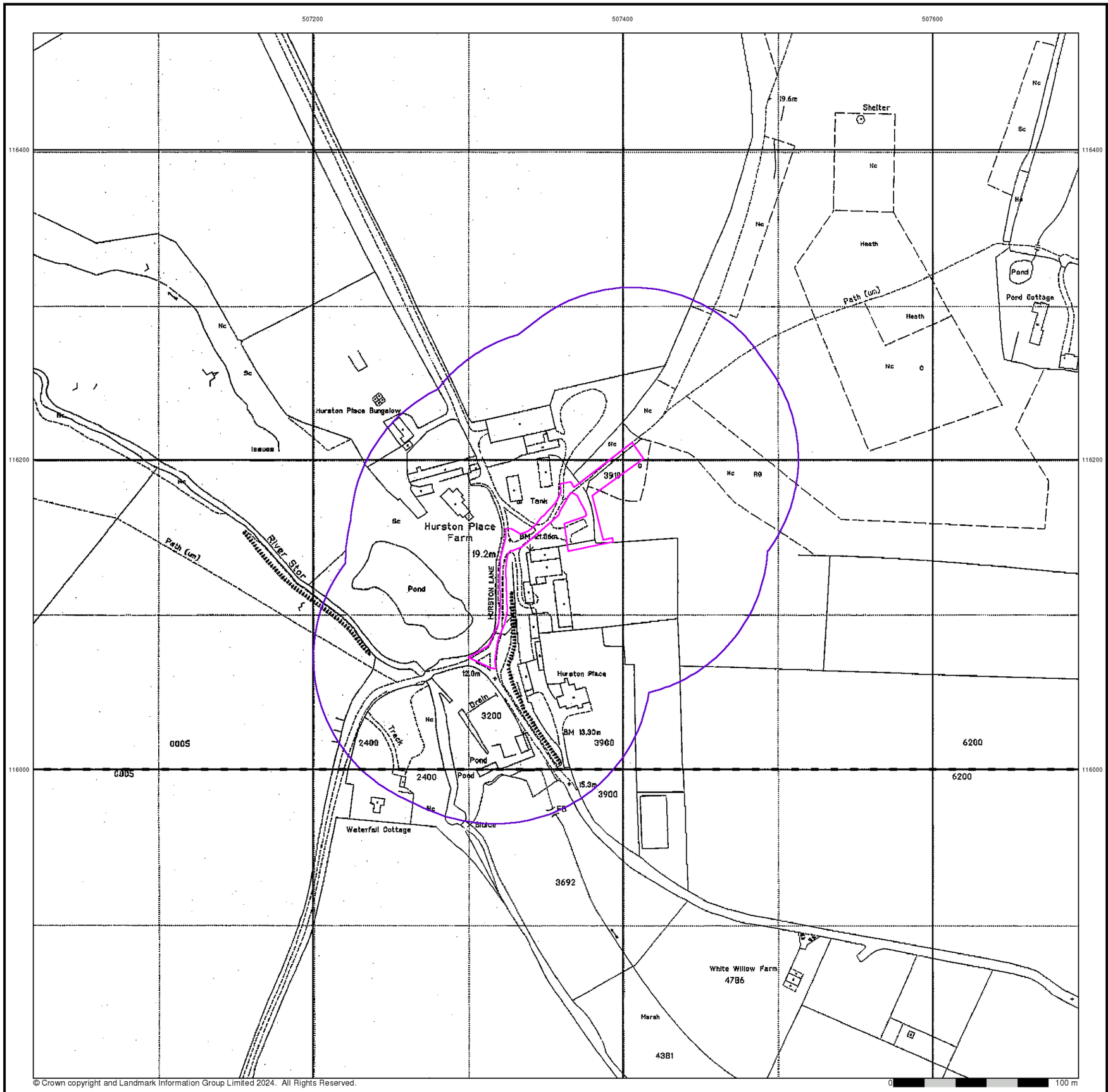

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GeoSmart Information

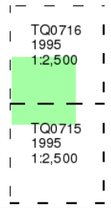
Large-Scale National Grid Data

Published 1995

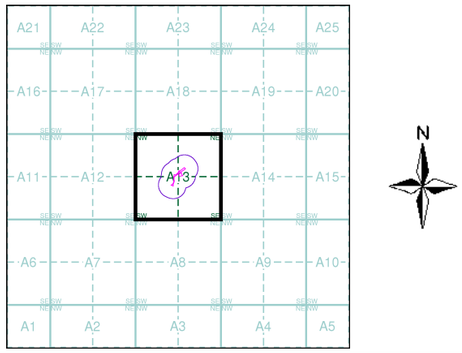
Source map scale - 1:2,500

'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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