





# **Preliminary Risk Assessment**

Land at Alderholt, Fordingbridge, Dorset

December 2022

### Waterman Infrastructure & Environment Limited

Pickfords Wharf, Clink Street, London, SE1 9DG www.watermangroup.com





Client Name:Dudsbury Homes (Southern) LtdDocument Reference:WIE19098-106-R-1-2-1-PRAProject Number:WIE19098

### Quality Assurance – Approval Status

This document has been prepared and checked in accordance with Waterman Group's IMS (BS EN ISO 9001: 2015, BS EN ISO 14001: 2015 and BS EN ISO 45001: 2018)

Issue	Date	Prepared by
1-2-1	December	Hannah Whittal-Williams
	2022	Consultant

**Checked by** Jon Coates Senior Consultant Approved by Freddie Alcock Senior Associate

Ell h

#### Comments

1-1-5 Draft - issued for team comment.

1-2-1 Updated following comments by Intelligent Land Ltd.





### Disclaimer

This report has been prepared by Waterman Infrastructure & Environment Limited, with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporation of our General Terms and Condition of Business and taking account of the resources devoted to us by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at its own risk.





## Contents

### **Executive Summary**

1.	Introdu	uction1		
	1.1	Objectives1		
	1.2	Proposed Development1		
	1.3	Limitations and Constraints1		
2.	Metho	dology2		
3.	Hazaro	I Identification		
	3.1	Site Description and Reconnaissance		
	3.1.1	Site Surroundings4		
	3.1.2	Environmental Permits5		
4.	Previo	us Environmental Assessments and Consultations6		
	4.1	Previous Environmental Assessments		
	4.2	Consultations		
	4.2.1	Environmental Health6		
	4.2.2	Planning Department		
5.	Enviro	nmental Site Setting8		
	5.1	History		
	5.2	Unexploded Ordnance		
	5.3	Geology9		
	5.3.1	Ground Stability11		
	5.4	Radon12		
	5.5	Ground Gas12		
	5.6	Vapour		
	5.7	Controlled Waters		
	5.7.1	Surface Waters13		
	5.7.2	Groundwater14		
	5.7.3	Flood Risk		
6.	Hazaro	Assessment and Preliminary Conceptual Model15		
	6.1	Contaminants of Concern15		
7.	Conclusions			
8.	Recom	nmendations		





## **Figures**

Figure 1:	Current Site Layout	3
Figure 2:	Superficial Geology	10
Figure 3:	Bedrock Geology	10

### Tables

Table 1:	Previous Environmental Reports Reviewed	6
Table 2:	Pertinent On-Site History	8
Table 3:	Pertinent Off-Site History	9
Table 4:	Site Geology	10
Table 5:	Geological Hazard Risk to the Site	11
Table 6:	Non-Coal Mining and Surface and Underground Workings On-Site and in the Surrounding Area	11
Table 7:	Summary of Hydrogeological Properties of the Main Geological Strata	14
Table 8:	Contaminants of Concern	15
Table 9:	Outline Conceptual Site Model	16

## Appendices

- A. Site Plans
- B. Site Photographs
- C. Ground Gas Risk Assessment
- D. Consultation Information
- E. Regulatory Context
- F. Risk Rating Matrix
- G. Environmental Receptors





## **Executive Summary**

**Objectives** 

Preliminary Risk Assessment for ground contamination to support outline planning for redevelopment of land at Alderholt, Fordingbridge, Dorset.

#### Conclusions

Given the proposed end use, the Site is considered to represent a Low to Medium risk. However, upon implementation of the recommendations, the residual risk would be low. Therefore, it is expected the National Planning Policy Framework requirement that on completion of a development, the Site can no longer be captured under the Part IIA regime, would be met.

	Site Setting
Current Use	Predominantly agricultural land. Commercial land uses (camping and riding school) in the east.
History	Mostly undeveloped land since the 1880's. Several unspecified and farming related structures developed between the late-1800s and late-1900s.
Geology	Varied superficial geology across the Site, comprising deposits of Head, Peat and River Terrace Deposits. The superficial deposits are underlain by bedrock of the Parkstone Sand Member then the Broadstone Clay Member.
Controlled Waters	<ul> <li>Head Deposits: Unproductive Strata.</li> <li>River Terrace Deposits: Secondary A Aquifer.</li> <li>Peat: Unproductive Strata.</li> <li>Broadstone Clay Member: Unproductive Stata.</li> <li>Parkstone Sand Member: Secondary A Aquifer.</li> <li>The Site is not located in a groundwater source protection zone.</li> <li>Numerous surface waters (ponds, brooks and irrigation/drainage systems) are present on-site.</li> <li>The River Avon is around 2km east.</li> </ul>
Ground Gas	The Site is considered very low risk for ground gas issues.
Vapour	Low risk, however, potential minor sources have been identified on-site.

### Preliminary Conceptual Model

Potential contaminant linkages identified for the Site are as follows:

- Future Site users in areas of soft landscaping may come into direct contact with contaminants.
- Construction workers may come into direct contact with localised contaminants in soils and groundwater.
- Contaminants originating on-site impacting Secondary A Aquifer and surface waters, and their resultant lateral migration off-site.
- Chemical attack by residual Site soils to future buried structures and services.

#### Recommendations

The following actions are required to address the potentially unacceptable risks identified: *Pre-Construction* 

- Pre-Construction
- A ground investigation to confirm current ground conditions and obtain relevant geotechnical design information; and
- A Construction Environmental Management Plan (CEMP) including measures for managing waste during development works, prevent fugitive emissions and techniques for supressing dust.

During Construction

 Construction workers should be provided with Personal Protective Equipment (PPE) for use as necessary when interacting with soils and groundwater at the Site. Workers should also adopt appropriate hygiene

#### **Executive Summary**





practices;

- Below-ground structures and services should be designed to withstand residual ground conditions;
- Decommissioning of redundant fuel tanks, pipelines, interceptors and associated infrastructure and verification of surrounding soils to demonstrate no residual unacceptable risks remain;
- Investigation into the status of historic well in centre of Site and decommissioning if still present;
- Potential for reuse of Site-won soils should be considered, and if feasible, should be reused under an
  appropriate protocol (CL:AIRE Definition of Waste Code of Practice DoWCoP) or waste exemption (U1: Use
  of waste in construction);
- Waste soils to be removed from the Site should be characterised in line with the Environment Agency's technical guidance WM3 to facilitate the identification of an appropriate Permitted waste site;
- Adhering to the mitigation measures set out in the CEMP to manage waste during redevelopment works, prevent fugitive emissions and techniques for supressing dust; and
- Soils and aggregates imported to Site should undergo chemical analysis to demonstrate they are suitable for their intended use.

**Executive Summary** 





## 1. Introduction

## 1.1 Objectives

Intelligent Land (Client), on behalf of Dudsbury Homes (southern) Ltd, "the Client", instructed Waterman Infrastructure & Environment Limited ("Waterman") to undertake a Preliminary Risk Assessment (PRA) for ground contamination to support an outline planning application for redevelopment of land at Alderholt, Fordingbridge, Dorset, approximate postcode SP6 3DF (hereafter the "Site").

The PRA will produce a preliminary conceptual model for the Site, identifying potential pollutant linkages in relation to ground contamination. This will be achieved through a desk top review of the Site and surrounding area's environmental setting, history, and current uses. The preliminary conceptual model will incorporate a critical review of the sources pathways and receptors in line with Land Contamination Risk Management (LCRM) 2021.

## 1.2 Proposed Development

The Client is seeking outline planning permission for construction of approximately 1,700 residential homes with associated amenities including: a village centre, primary school, doctors surgery and health centre, local shops, cafes and pubs, community hall and enterprise hub and studios. The proposed development will include open space, a recreation ground/village park and private soft landscaping.

For the purpose of this assessment, it is assumed basements are not proposed.

It should be noted that the study area in this assessment is greater than the application Site boundary which excludes the southwest corner relating to Cranborne Common. The Site layout plan and proposed development layout (Appendix A) presents the application Site boundary.

## 1.3 Limitations and Constraints

The assessment was undertaken in accordance with the scope agreed between Waterman and Intelligent Land, as documented in Waterman's fee letter (WIE19098- AlderholtMasterplan-220301-TW-F.1, February 2022), and with Waterman's standard Terms of Appointment.

The information contained in this report is based on a review of available historical, geological and hydrogeological sources, consultation with the regulatory authorities and observations made during a Site walkover on 19<sup>th</sup> May 2022.

Waterman has endeavoured to assess all information provided to them during this investigation but makes no guarantees or warranties as to the accuracy or completeness of this information.

The scope of this ground investigation includes an assessment of the presence of asbestos containing materials in the ground at the Site but not within buildings or structures or below ground structures (basements, buried service ducts and the like).

The conclusions resulting from this study are not necessarily indicative of future conditions or operating practices at or adjacent to the Site.

Access to the camping area in the southeast of the Site, area immediately east of the riding school and Sleepbrook Farmhouse was not carried out due to restricted access. Activities were observed from entrances and at the Site boundary.





## 2. Methodology

This PRA has been undertaken in general accordance with the 2021 LCRM Guidance. Land Contamination: Risk Management Guidance.

The report includes the following:

- Definition of overall Site objectives;
- Collation of available current and historical information about the Site and the potential contaminants expected to be present;
- A Site walkover;
- Formulation of a preliminary Conceptual Model;
- · Qualitative risk assessment; and
- Record of findings and recommendations for further action.



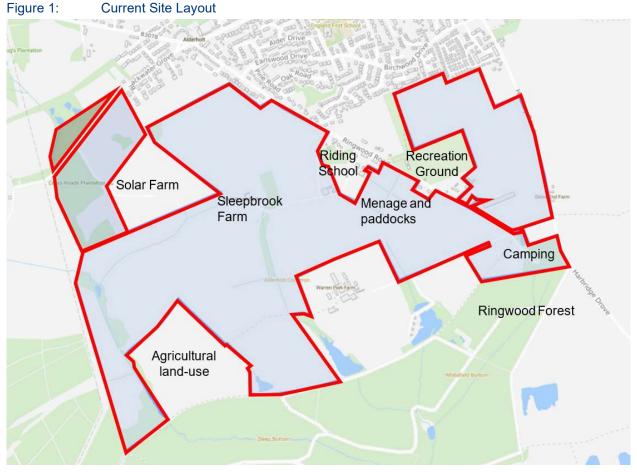


## 3. Hazard Identification

### 3.1 Site Description and Reconnaissance

The Site is located at approximate National Grid Reference 411920, 111726, immediately south of the village of Alderholt, Fordingbridge, Dorset.

A Site location plan and Site layout plan are presented in Appendix A. Photographs taken during the Site inspection are included in Appendix B. Figure 1 presents the current Site layout.



Source: Groundsure Insight Report (Ref: WTM1-8665663, April 2022)

The Site mostly comprises agricultural and open land relating to Sleepbrook Farm in the northwest and Warren Park Farm off Site to the south. The northeast of the Site is bisected by Ringwood Road which is orientated northwest to southeast and excluded from the Site boundary. Land uses comprise agricultural and open land, a grassed camping area and one vacant single-storey structure understood to previously be a poultry house. Alderholt Riding and Livery Yard in the north of the Site is excluded from the Site boundary, however, a riding menage and several paddocks to the immediate southeast are located onsite in the east. The Solar Farm in the northwest is not included in the Site boundary. Woodland in the northwest corner, surrounding the Solar Farm, was not observed during the Site walkover. It is understood that this will remain as Areas of Suitable Alternative Natural Greenspace (SANG) as part of the proposed development.

Sleepbrook Farm is accessed via a gravel track off Ringwood Road. The track advances south past four





single-storey concrete structures and towards the western Site boundary, eventually becoming a grassed footpath. The largest concrete structure was used for the storage of hay and silage bales. Smaller structures stored equipment, machinery, construction materials and housed livestock. Two silos (likely used for grain/animal feed) and an empty IBC container (previous contents unknown) are located in the courtyard. A redundant above ground storage tank on a concrete plinth and pile of tires were present south of the structures. No staining was observed, however, the surrounding area was significantly overgrown. The farmhouse is located to the north-northwest corner of Site and comprised a main building and three ancillary structures.

Potential asbestos cement roofing was identified on several farm buildings across the Site.

Several watercourses, ponds and drains are present in the Site. Most of the surface waters in the east of Site were dry and/or overgrown during the walkover. Sleep Brook located in the west, orientated northwest to southeast through the Site, contained water flowing southward. The brook became dry east of the pond located in the northwest corner of Site. A second pond is present in the south of Site, southwest of Warren Park Farm. It is understood that both are fishing ponds.

The Site topography is generally flat, falling steeply to the south-southwest where two shallow valleys associated with the watercourses are present. Trees are generally present along the Site's boundaries and around field edges in the Site. Densely vegetated areas are present in the north of the Site, surrounding Sleepbrook Farmhouse, on the western boundary and to the southeast of Site within the camping area.

No evidence of contaminative activities (i.e. uncontrolled infilling or fly tipping) were observed during the Site walkover.

### 3.1.1 Site Surroundings

The Site is in a predominately agricultural area with farmland east, south and west of the Site. The Groundsure report records the following current/recent industrial land uses within 250m of the Site:

- Cross Roads Plantation Solar Photovoltaic (DECC) adjacent northwest;
- Rifle Range 27m south;
- Electricity substation 62m northeast;
- Tank (considered not likely to be storing hydrocarbons ) at Warren Park Farm 98m south;
- Mechanical Engineers (A&T Services) 138m northeast; and
- Gas governor station 215m north.

#### **Ecological Areas**

Natural England data presented in the Groundsure report indicates three Site of Specific Scientific Interest (SSSI) areas within 1km of the Site. These relate to Cranborne Common, part of which is present on-site along the western boundary. This area is also designated as Dorset Heathlands Ramsar, Special Area of Conservation (SAC), and Special Protection Area (SPA).Six designated ancient woodland areas are recorded within 1km of the Site. The nearest relates to Hamer Copse 514m southeast, an area of ancient and semi-natural woodland.

South West Hampshire Green Belt is located 911m southwest.

#### Heritage and Archaeology

A scheduled ancient monument is recorded 209m southeast and relates to bowl barrow in Plumley Wood on Cranborne Common.





### 3.1.2 Environmental Permits

The Groundsure report does not identify any Environmental Permits on-site or within 500m of the Site.





## 4. Previous Environmental Assessments and Consultations

### 4.1 Previous Environmental Assessments

The following environmental report relating to the Site has been reviewed as part of this study.

Table 1:	Table 1:         Previous Environmental Reports Reviewed		
Author	Title	Date and Reference	
Campbell Reith LLP	Hill Geoenvironmental and Geotechnic	al Desktop Study June 2021 13577-CRH-XX-XX-RP-LQ- 0001 DTS P2	

### Campbell Reith Hill LLP - Geoenvironmental and Geotechnical Desktop Study

The desktop study was produced to summarise environmental and geotechnical information relating to the Site.

During the study, statutory bodies were not consulted and a Site walkover was not carried out.

It was concluded that there is generally a low to very low risk of contamination across the Site due to the absence of significant contaminant sources. However, a potential low to moderate risk of contamination was identified in areas associated with the burning of waste (relating to waste exemptions at Gilgal Oak Tree Farm 2m northeast, Oak Tree Farm 12m southeast, and Warren Park Farm 150m southwest), possible areas of deeper Made Ground associated with the former Alderholt Gravel Pit (adjacent to southeast Site boundary) and former brick works (15m north) and in the area of the historic garage in the north of the Site.

Potential receptors to contamination were identified as future Site users and controlled waters.

The report made the following recommendations:

- A site reconnaissance should be undertaken and will be required prior to any intrusive ground investigation.
- The Local Planning Authority should be contacted for any relevant information they may hold for the Site.
- A ground investigation should be undertaken to provide information on the general ground conditions, geotechnical properties of soils, and also target the identified pollutant linkages.
- An invasive species survey should be undertaken by a specialist.

### 4.2 Consultations

### 4.2.1 Environmental Health

The Environmental Health Department at Dorset Council was contacted on 12<sup>th</sup> April 2022 with a response received on 9<sup>th</sup> May 2022. The Environmental Health Officer (EHO) reported that the Site is not registered or likely to be registered as contaminated land by the Council under Part IIA of the Environmental Protection Act 1990.

The Environmental Health Department hold no records for contamination, infilled ground or landfills onsite. Historical potentially contaminative uses were not identified on-site. Records adjacent to and off the Site are below. The EHO considered these low risk.

• Quarrying of sand and clay, operation of sand and gravel pits;





- Clay brick and tiles manufacturer;
- Alderholt motors Fuel: retail sale of automotive fuel 350m north;
- Road Haulage Yard 660m northeast; and
- Motor vehicles: maintenance & repair (e.g. garage).

A copy of the response is provided in Appendix D.

### 4.2.2 Planning Department

A review of Dorset Councils planning applications<sup>1</sup> identified no applications relevant to contaminated land at the Site or in the immediate surrounding area.

<sup>1</sup> Dorset Councils Planning Portal - <u>Planning application search - dorsetforyou.com (dorsetcouncil.gov.uk)</u> - Accessed online 7<sup>th</sup> June 2022.





## 5. Environmental Site Setting

### 5.1 History

A summary of the Site's and surrounding areas' historical potential contamination sources as obtained from the Groundsure historical maps is included in Tables 2 and 3.

Historical mapping records the Site as predominantly undeveloped bracken, health and/or rough grassland relating to Alderholt Common and numerous woodlands since the 1880's. Surface water features (ponds, brooks and irrigation/drainage systems) were developed across the Site, however, the open fields and agricultural land use remains to present day. Developments on-site include: an unknown structure in the centre of Site (1886 to 1959), a poultry house in the east (from 1965) and Sleep Brook Farm and associated structures in the northwest (from 1988).

The surrounding area was similar in land uses comprising predominantly open fields, agricultural land and woodlands including: Ringwood Forest (south), Plumley Wood (south/southeast) and Cranborne Common (west). Quarries, a smithy and brick works were present adjacent to the north, east and southern Site boundaries between 1886 and 1959. The surrounding northern area became significantly more developed coinciding with the expansion of the village of Alderholt in the 1980's.

Date of Mapping	Feature	
1886	Site predominantly undeveloped comprising bracken, heath and/or rough grassland relating to Alderholt Common and numerous woodlands.	
	Unknown structure 'Curtis' with associated well present in centre of Site (last denoted in 1901).	
1889	Four small pond-like features associated with Sleep Brook (orientated north to south) in the west of Site.	
	Old Sand Pit (denoted until 1959) in northwest corner.	
1901	Construction of two man-made pond-like feature in northwest. One with steep embankments.	
1959	Site remains predominantly unchanged.	
	Apparent irrigation system collecting water from adjacent western boundary and spreading to southwest corner of Site.	
	Four small surface waters (west) and unknown structure (centre) no longer present on-site.	
1965	Poultry House in east of Site.	
1984	Two man-made ponds in northwest corner of Site no longer present.	
1988	Large pond in south corner of Site.	
	Sleepbrook Farmhouse and associated structures and ponds constructed in northwest of Site.	
1990 - 1994	Ponds in northwest and southwest corner of Site.	
2001	Unchanged since 1990-1994.	
2022	The Site remains unchanged since 2001 historical plans.	

Table 2: Pertinent On-Site History





Date of Mapping	Feature	Distance from Site
1886	Alderholt Gravel Pit (denoted until 1965)	Adjacent east boundary
1889	Two man-made pond-like features relating to Cross Roads Plantation	Adjacent northwest boundary to 50m northwest
	Brick works with associated kilns, well, sand and clay pits	Adjacent northeast boundary to 50m northeast
	Warren Farm and associated buildings	50m south
	Gravel pit and old gravel pit (denoted until 1901)	75m to 100m south
	London and Southwest Railway orientated northeast to southwest	~90m north
	Smithy	100m north
1965	Numerous poultry houses (denoted until 1984)	Adjacent northeast boundary to 50m northeast
	Large pond coinciding with location of former gravel pits	75m to 100m south
1959	Brick works no longer present	Adjacent northeast boundary
1984	Significant residential development relating to village of Alderholt including caravan site, garage, recreation ground and nurseries (present in location of former poultry houses)	Adjacent northeast and northwest boundary
	Woodland no longer present on area identified as Cross Roads Plantation	
	Five ponds relating to Cross Roads Plantation	Adjacent northwest
	Significant development of Warren Park Farm including a large circular tank	50m south
	Railway dismantled. Steep embankment remains	~90m northwest
1988	Rifle range (denoted until 2001)	Adjacent east boundary
2022	No significant changes since 2001 historical map	

### 5.2 Unexploded Ordnance

Online UXO<sup>2</sup> risk mapping identifies the Site as an area of low risk of UXO.

## 5.3 Geology

The Site's geology as established from British Geological Survey (BGS) mapping<sup>3</sup> and boreholes on BGS GeoIndex<sup>4</sup> (Ref: SU11SW 1 and 2) is summarised in Table 4 and presented in Figures 2 and 3.

<sup>2</sup> Zetica UXO Risk Maps - <u>Risk Maps | Zetica UXO</u>. Accessed online 6th May 2022.

<sup>3</sup> BGS Geological Mapping (Sheet 314, Solid and Drift Geology). <u>British Geological Survey (BGS) | large image</u> viewer | IIPMooViewer 2.0. Accessed online 10th May 2022.

<sup>4</sup> BGS GeoIndex - <u>Geology of Britain viewer | British Geological Survey (BGS)</u>. Accessed online 20<sup>th</sup> June 2022. **9** 



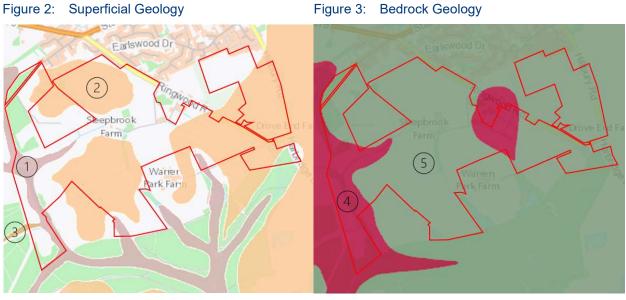


### Table 4:Site Geology

Strata	Stratum	Area Covered	Estimated Thickness (m)	Typical Description
	Made Ground	Localised to areas of development / surface ground workings	*	*
Superficial	Topsoil	Entire Site	0.50 - 0.80	Friable dark grey sandy humic soil with rootlets. Silty loam with flints.
	Head (1)	South/southwest	*	Poorly stratified clay, silt, sand and gravel.
	River Terrace Deposits (2)	Outcrops Site wide	1.20 - 5.0	Clayey fine to coarse gravel.
	Peat (3)	Western edge	*	Peat.
Bedrock	Parkstone Sand Member (4)	Entire Site	15.0 - 20.0	Sand, fine to medium grained.
	Broadstone Clay Member (5)	Outcrops in east and west	5.0 - 15.0	Grey brown, grey green and black silty clay. Carbonaceous.

Note: (X) refers to the location of Site geology in Figures 2 and 3.

\* There is no geological information relating to these stratum within or in the vicinty of the Site.



Source: BGS GeoIndex

Source: BGS GeoIndex

Given the limited historical development across the Site, Made Ground is likely to be of localised and of limited thickness. However, several small-scale surface ground workings and non-mining activities (ponds and gravel pits) have been identified on-site which may have been subsequently backfilled. These are discussed in Section 5.3.1. below. Significant thicknesses of Made Ground up to 5m thick, where superficial deposits have been removed in their entirety, may be present in these areas.

River Terrace Deposits cover the majority of Site, mainly in the northeast, east and southwest. Peat deposits are restricted to the western edge of the Site around Sleep Brook. Head Deposits are typically





present in the south/southwest of Site associated with valley features.

The majority of the Site is underlain by the Parkstone Sand Member. Where absent, superficial deposits lie directly onto Broadstone Clay Member outcrops in the west and centre of the Site.

### 5.3.1 Ground Stability

The Groundsure Report has identified the following geological hazards (Table 5).

Geological Hazard	Risk	Details
Shrink Swell Clay	Moderate	Majority of Site is classified as a negligible risk. Moderate risk relates to Broadstone Clay Member in east and west (Figure 2).
Landslides	Low	Risk rating covers the entire Site.
Ground Dissolution of Soluble Rocks	Negligible	Risk rating covers the entire Site.
Compressible Deposits	High	Highly compressible strata present to western edge of Site relating to peat deposits (Figure 2). Site predominantly has a negligible risk from compressible deposits.
Collapsible Deposits	Very Low	Risk rating covers the entire Site.
Running Sand	Low	Risk rating covers the entire Site.

#### Table 5: Geological Hazard Risk to the Site

The BGS map does not reveal any structural, geomorphological or geochemical features on or near to the Site.

The Site is not in an area that could be affected by coal or metalliferous mining activity. However, the Groundsure report recorded that the Site is in an area of non-coal mining and surface and underground workings as summarised in Table 6.

# Table 6: Non-Coal Mining and Surface and Underground Workings On-Site and in the Surrounding Area

Туре	Number within 250m of the Site	Location and Distance of Nearest	Details
BritPit	6	34m south	A surface mineral working for sand and gravel at Alderholt Gravel Pit. Has ceased to extract commodity.
Surface Ground Workings	68	On-site	Six small ponds (1911 and 1988).
			Gravel pit (approximately 80m <sup>2</sup> ) adjacent east Site boundary (1895 to 1911).
			Sand pit (1889 to 1959).
			Brick works 11m to 18m north/northeast (1886 to 1902)
Non-Coal Mining	1	On-site	Sporadic chalk mining of restricted extent may have occurred in the southeast corner of Site.

A large pond was identified in the location of the gravel pit in the east of Site from 1965 suggesting that infilling has not occurred in the area.

The other surface ground workings on-site (ponds) and adjacent to the eastern boundary (gravel pit) may





have been subject to infilling of the resultant voids. Completion of a ground investigation will confirm this.

### 5.4 Radon

The Groundsure dataset identifies that the Site is not in an area of high radon levels. Correspondingly, no radon protection measures will be required in the proposed development.

### 5.5 Ground Gas

As identified in the CL:AIRE 2012 RB17 guidance document and CIRIA C665 ground gases only pose a risk to developments when the following can be satisfied, which is in line with source – pathway – receptor model followed by LCRM.

- An accumulation of a large volume of gas in the ground in or near the buildings (source).
- A pathway that allows gas to migrate through and/or out of the ground into a building or other structure sufficiently quickly to allow it to build up inside the building (pathway).
- A confined space within the building or structure where gas can build up to unacceptable levels (receptor).

For a risk from ground gases a source – pathway – receptor linkage needs to be present. This requires enough gas to pose a hazard and one or more pathways by which it may cause significant harm to people. For sustained gas migration to occur gas must be replenished at the source to negate the effects of attenuating factors such as oxidation of the methane/carbon dioxide to oxygen in the aerobic zone or low permeability soils decreasing the migration potential. Therefore, sustained high levels of gas generation are required for ground gas to migrate via advective or diffusive flow and cause high ground gas concentrations at the surface/within built structures. The volume of ground gas is therefore the principal factor which should be considered rather than the ground gas concentration and not the gas concentration present in the ground (or monitoring well) which is commonly mistaken as posing a risk to future Site users.

A review of the Site's environmental setting, and ground conditions identifies low ground gas generating sources:

- Given the limited historical development across the Site, Made Ground is likely to be of limited thickness. Several surface ground workings and non-mining activities have been identified on-site which may have been subsequently backfilled. Reasonable thicknesses of Made Ground may be present in these areas. However, the material was placed >20 years ago and labile organic matter is unlikely to be present in the material at significant quantities and unlikely to be generating large quantities of gas. The Made and infilled Ground is unlikely to be a significant ground gas source, however, confirmation of this is required as part of the ground investigation.
- Peat deposits are identified to the western edge of the Site. The peat would not be a significant ground gas generating source with the readily degradable material has been degraded with low to very low continued ground gas generation. The gas historically generated is trapped within soil pore spaces with no or very limited lateral/vertical migration. Where the soil pore spaces are breached during construction (foundations) or through ground investigation an initial high ground gas concentration is recorded, however the concentrations decrease over time as the soil pore spaces are depleted and ground gas is not generated within the deposit to replace it.
- As identified in the 2019 Geoff Card, James Lucas, and Steve Wilson, Technical Paper: Risk and Reliability in Gas Protection Design – 20 years on: Part 1, and the 2018 Ambisense and Environmental Protection Group, Using Ternary Plots for Interpretation of Ground Gas Monitoring Results River Terrace Gravels may contain small quantities of organic matter, which may degrade

Preliminary Risk Assessment Document Reference: WIE19098-106-R-1-2-1-PRA

#### 12





locally when exposed to oxygen generated during installation of boreholes. However, the rate of gas generation in these circumstances and the volume produced is extremely small and would not represent a risk to structures. The River Terrace Gravels therefore do not represent a significant ground gas generating source.

Off-site ground gas sources should only be considered a risk where a significant ground gas
generating source is present. A review of historical maps identifies historical land uses similar to those
on-site or residential uses. Historical or current landfills are absent in the surrounding area, removing
landfills as a viable ground gas source. The surrounding land uses are therefore likely to have a
similar Made Ground composition and unlikely to represent a significant ground gas generating
source.

A summary of the ground gas risk has been included in the Waterman Ground Gas Risk Assessment Tool, with results reproduced in Appendix C. Following assessment, the Site is considered a very low risk for ground gas issues. Based on the sensitivity of the end-use receptor, no further ground gas investigation or assessment is required. However, the assumptions on made and infilled ground (above) should be confirmed as part of ground investigation..

## 5.6 Vapour

Land uses with the potential to result in ground contamination with vapour risks to the Site include:

- Redundant tank located at Sleep Brook Farm in centre of Site and unknown tank adjacent to southern boundary at Warren Park Farm.
- Current and historic land uses off-site including: brick works adjacent northwest boundary (1889 to 1959), garage 5m northeast (1984 to 1996) and railway line ~90m north (1889 to 1984).

The Groundsure data does not record any pollution incidents relating to oils or fuels within 250m of the Site.

Potential vapour sources at the Site are predominantly historic and therefore not likely to be a significant source of hydrocarbon vapour due to the volatilisation of lighter fractions and degradation of any residual contamination. However, these assumptions should be confirmed by ground investigation and screening and analysis for volatile compounds in soils and groundwater.

### 5.7 Controlled Waters

### 5.7.1 Surface Waters

The Groundsure dataset has recorded five surface water bodies on-site including: three inland rivers not influenced by normal tidal action and two ponds. Sleep Brook, orientated north to south, is identified in the west of the Site. All surface water bodies were identified during the Site walkover, however, marshland was observed in the centre of Site instead of an inland river. The EA has not classified the Ecological Potential of these surface water bodies under the Water Framework Directive.

The River Avon is located around 2km east of the Site.

The Groundsure dataset identified five EA recorded pollution incidents within 500m of the Site. The nearest incident is recorded 260m north, involving the release of unidentified oil in May 2003. The incident is recorded as having a minor impact on controlled waters. The incident was not released into surface waters that flow through or on to the Site. Further incidents recorded 333m and 372m north had minor impacts to controlled waters. These relate to the released of unidentified oils in 2003 and 2002 respectively. The remaining two pollution incidents had no impact on controlled waters.





### 5.7.2 Groundwater

The EA has classified the geological deposits on-site as having the following classification (Table 7).

Table 7:         Summary of Hydrogeological Properties of the Main Geological Strata		
Stratum	EA Classification	Hydrogeological Significance
Made Ground	Non-Aquifer	N/A
Topsoil	Non-Aquifer	N/A
Head	Unproductive Strata	Contains insignificant quantities of vertically or laterally extensive groundwater.
River Terrace Deposits	Secondary A Aquifer	May be important in supporting local abstractions or in providing baseflow to rivers and streams.
Peat	Unproductive Strata	Contains insignificant quantities of vertically or laterally extensive groundwater.
Broadstone Clay Membe	r Unproductive Strata	Contains insignificant quantities of vertically or laterally extensive groundwater.
Parkstone Sand Member	secondary A Aquifer	May be important in supporting local abstractions or in providing baseflow to rivers and streams.

BGS exploratory logs (SU11SW1 and SU11SW2) recorded groundwater strikes between 2.80m bgl and 3.80m bgl within the River Terrace Deposits.

Based on available information, it is anticipated groundwater flow on-site, like surface waters, will be dominated by the River Avon (around 2km east/southeast) and flows southward. Groundwater in the Superficial Deposits is likely to be in hydraulic continuity with surface waters on-site.

The Site is not located within a groundwater Source Protection Zone, and potable groundwater abstractions are absent on-site and in the surrounding area. Two active groundwater abstractions are recorded within 1km of the Site. Both abstractions are located 488m south and registered to CEMEX UK Materials Ltd, authorising drawing water from the Parkstone Sand Member for dewatering and mineral washing. Given the industrial purpose and distance from Site, the groundwater abstractions are unlikely to be impacted by contaminants originating from Site. Therefore, they have been removed as a valid receptor.

## 5.7.3 Flood Risk

According to the EA's indicative flooding data and the Groundsure Report, the Site's flood risk has been classified as the following:

- Groundwater flooding The Site is predominantly of moderate risk from groundwater flooding. An area of high risk is present to the western edge of Site coinciding with the anticipated area of the peat deposits.
- Surface water flooding The Site has localised areas recorded as being a high risk of surface water flooding with the highest likelihood of flood events occurring 1 in 30 years. The maximum modelled flood depths for this return period is greater than 1.0m.

Flood risk - The Site has a high Risk of Flooding from Rivers and Seas (RoFRaS). The Site is classified as a Zone 2 and 3 (Fluvial/Tidal models) floodplain and does not benefit from flood defences. The flood risk is not Site wide and is localised to the west of Site, relating to on-site surface waters.





## 6. Hazard Assessment and Preliminary Conceptual Model

The Preliminary Conceptual Model for the Site is presented in Table 9 below and graphically in Appendix A. The risk rating has been assessed qualitatively using the criteria given in Appendix F and the potential receptors identified using the criteria given in Appendix G.

### 6.1 Contaminants of Concern

Contaminants of concern identified at the Site are summarised in Table 8.

Table 8: C	ontamin	ants of	Conc	ern										
Source	Metals and Metalloids	Inorganic non-metals	PAHs	TPHs	MTBE	BTEX	VOC/SVOC	Solvents	PCBs	Asbestos	Detergents, acid/alkali	Ground Gas	Vapours	Sulphates/ Chlorides
On-Site (Current)														
Made Ground	Х	Х	Х	Х			Х			Х				х
Redundant tank			Х	Х	Х	Х	Х						Х	
Potentially infilled land	Х	Х	Х	Х								Х		Х
Off-Site (Current)														
Mechanical engineers 138m NE.	х		х	х	х	х	х	х						
Fuel tank adjacent S			Х	Х	Х	Х	Х						Х	
Potentially infilled land 34m S	Х	х	Х	Х								Х	х	
Electricity Substation 62m east									Х	х				
Off-Site (Historic)														
Land uses including: brick works, poultry houses, garage, rifle range, railway line (adjacent NW and E to 100m NW)	Х	x	x	x	x	x	x	x		x			x	х





Table 9:	Outline Conceptual	Site Model				
Source	Linkage	Receptor	Risk	Justification / Mitigation	Residual Risk	
Human Health						
Potential contamination in shallow soils and groundwater		Future Site users	Medium	Given the limited historical development across the Site, Made Ground is likely to be of limited thickness. However, several surface ground workings and non-mining activities have been identified on-site which may have been subsequently backfilled. Significant thicknesses of Made Ground may be present in these areas. This may have resulted in the presence of localised contamination in shallow soils and contamination to and groundwater.	Low	
	Direct contact, ingestion, inhalation			A potential risk to future Site users may be present in areas of proposed soft landscaping. A ground investigation is required to determine the extent of potential contamination underlying the Site and assess the risk to future Site users.		
		Construction workers	Medium	The mandatory use of PPE such as gloves, and provision of basic hygiene measures would ensure that the risk to construction personnel from contact with potential ground contamination is minimised. Construction workers should have asbestos awareness training and works should be undertaken in line with the Control of Asbestos Regulations (CAR) 2012 and Confined Spaces Regulations 1997.	Low	
	Dust generation during the works. Inhalation. Run-off from stockpiled soils	Off-site receptors	Low	Construction workers will take appropriate measures to minimise run-off from stockpiled soils, manage groundwater in excavations and suppress the generation of dust. Construction materials, fuels and chemicals brought on-site as part of works will be appropriately stored in line with EA best practice guidance to prevent spills and leaks. This should prevent potentially contaminated material reaching off-Site residents or users.	Low	
Ground Gas from infilled ground	Migration to and accumulation in confined spaces	Future Site users	Low	Significant ground gas generating sources have not been identified. The Site is very low risk for ground gas issues. The assumptions made by this assessment should be confirmed by ground investigations and inspection of shallow soils at the Site. Ground gas monitoring is considered not likely to be required.	Low	





Source	Linkage	Receptor	Risk	Justification / Mitigation	<b>Residual Risk</b>
Vapours in shallow soils and groundwater			Low	Potential on and off-site sources of contamination have been identified. However, the potential vapour sources are predominately historic and therefore not likely to be a significant source of hydrocarbon vapour. Confirmatory testing for volatile compounds should be undertaken as part of future ground investigation to determine the Site's vapour regime. Vapour monitoring is considered not likely to be required.	Low
Property					
Aggressive chemical conditions in shallow soils	Direct contact	Building foundations and buried infrastructure	Low	Ground investigation should identify the potential for aggressive ground conditions and inform appropriate classification of concrete to be used in new structures and materials for buried services.	Low
Ecological Syste	ms				
Potentially contaminated water within shallow soils and underlying geology	Root contact leading to uptake	Cranborne Common (SSSI) and Dorset Heathlands (conservation wetland, SAC and SPA) in west of Site	Low	Given the limited historical development across the Site, Made Ground is likely to be of limited thickness and contamination (if present) likely to be localised and not significant. Risks to ecological systems are therefore considered low, however, the contamination status of on-site soils and groundwater should be confirmed as part of future ground investigation and risks re-assessed as required.	Low
	Migration off-site followed by root uptake	Designated ancient woodland	Low	A habitat of principal importance (ancient woodland) is 541m southeast of the Site. Given the distance from Site, the risk is considered to be low.	Low
Controlled Water	S				
Potential contamination in shallow soils and groundwater	Vertical and lateral migration	teral River Terrace Deposits (Superficial) and Parkstone Sand Member (Bedrock)	Medium	Given the presence of Secondary A Aquifers beneath the Site in the superficial and bedrock geology, there is potential for the lateral migration of contaminants (if present) on and off-site through permeable deposits and via a well in centre of Site denoted on historical maps between 1886 and 1901. The potential for on-site contaminants to impact the underlying aquifers should be assessed as part of the Site investigation.	Low
				<ul> <li>As part of the assessment the following factors should be accounted for:</li> <li>Given the identified potential sources, widespread significant contamination is unlikely.</li> </ul>	





Source	Linkage	Receptor	Risk	Justification / Mitigation	<b>Residual Risk</b>
				<ul> <li>Broadstone Clay Member is classified as an unproductive stratum and, where present, will act as an aquiclude to limit the vertical and lateral migration of contamination.</li> </ul>	
				The surface waters on-site are likely to be in hydraulic continuity with surrounding groundwater beneath the Site.	
		Sleep Brook and other unnamed surface	Medium	Future ground investigation should confirm surface water quality and risk to surface waters from potential contamination at the Site.	Low
		waters on-site		A Construction Environmental Management Plan (CEMP) should be prepared with appropriate measures for the handling and storage of potentially hazardous substances to be implemented during construction.	Low





## 7. Conclusions

Given the proposed end use the overall risk rating for the Site is assessed as **Medium**.

#### **Potentially Unacceptable Risks**

Potential contaminant linkages identified for the Site are as follows:

- Future Site users in areas of soft landscaping may come into direct contact with contaminants.
- Construction workers may come into direct contact with localised contaminants in soils and groundwater.
- Contaminants originating on-site impacting Secondary A Aquifer and surface waters, and their resultant lateral migration off-site.
- Chemical attack by residual Site soils to future buried structures and services.

The recommendations of this report outline preliminary remedial and mitigation measures that require confirmation through additional works. However, once successfully implemented the risks are anticipated to be **Low**. Therefore, the NPPF requirement that on completion the Site can no longer be captured under the Part IIA regime is expected to be met.





## 8. Recommendations

The following actions are recommended to address the potentially unacceptable risks identified:

### **Pre-Construction**

- A ground investigation to confirm current ground conditions and to obtain relevant geotechnical design information. The ground investigation should be designed to meet the requirements of the latest master plan and should include:
  - Characterisation of the extent, and thickness of Made Ground and infilled ground;
  - Characterisation of the contamination status of Made Ground, infilled ground and natural soils. Specifically targeting areas where potential sources of contamination have been identified; and
  - Assessing the potential for on-site contamination to impact on controlled waters.
- Findings of the ground investigation will inform the requirement for any remediation or mitigation measures necessary. Subject to the ground investigation findings, a remediation strategy should be established to mitigate the risk posed by contaminated materials present within the shallow soils that pose an unacceptable risk to future end users; and
- A Construction Environmental Management Plan (CEMP) should be prepared including measures for managing waste during development works, prevent fugitive emissions and techniques for supressing dust.

### **During Construction**

- Construction workers should be provided with Personal Protective Equipment (PPE) for use as necessary when interacting with soils and groundwater at the Site. Workers should also adopt appropriate hygiene practices;
- Below-ground structures and services should be designed to withstand residual ground conditions;
- Decommissioning of redundant fuel tanks, pipelines, interceptors and associated infrastructure and verification of surrounding soils to demonstrate no residual unacceptable risks remain;
- Investigation into the status of historic well in centre of Site and decommissioning if still present;
- Potential for reuse of Site-won soils should be considered, and if feasible, should be reused under an appropriate protocol (CL:AIRE Definition of Waste Code of Practice – DoWCoP) or waste exemption (U1: Use of waste in construction);
- Waste soils to be removed from the Site should be characterised in line with the Environment Agency's technical guidance WM3 to facilitate the identification of an appropriate Permitted waste site;
- Adhering to the mitigation measures set out in the CEMP to manage waste during redevelopment works, prevent fugitive emissions and techniques for supressing dust; and
- Soils and aggregates imported to Site should undergo chemical analysis to demonstrate they are suitable for their intended use.

Appendices Preliminary Risk Assessment Document Reference: WIE19098 WIE19098-106-R-1-2-1-PRA





## **APPENDICES**

A. Site Plans

- Site Location Plan
- Site Plan
- Proposed Development Layout
- Conceptual Site Model
- Photograph Location Plan

Appendices Preliminary Risk Assessment Document Reference: WIE19098 WIE19098-106-R-1-2-1-PRA



© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Ocrown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.





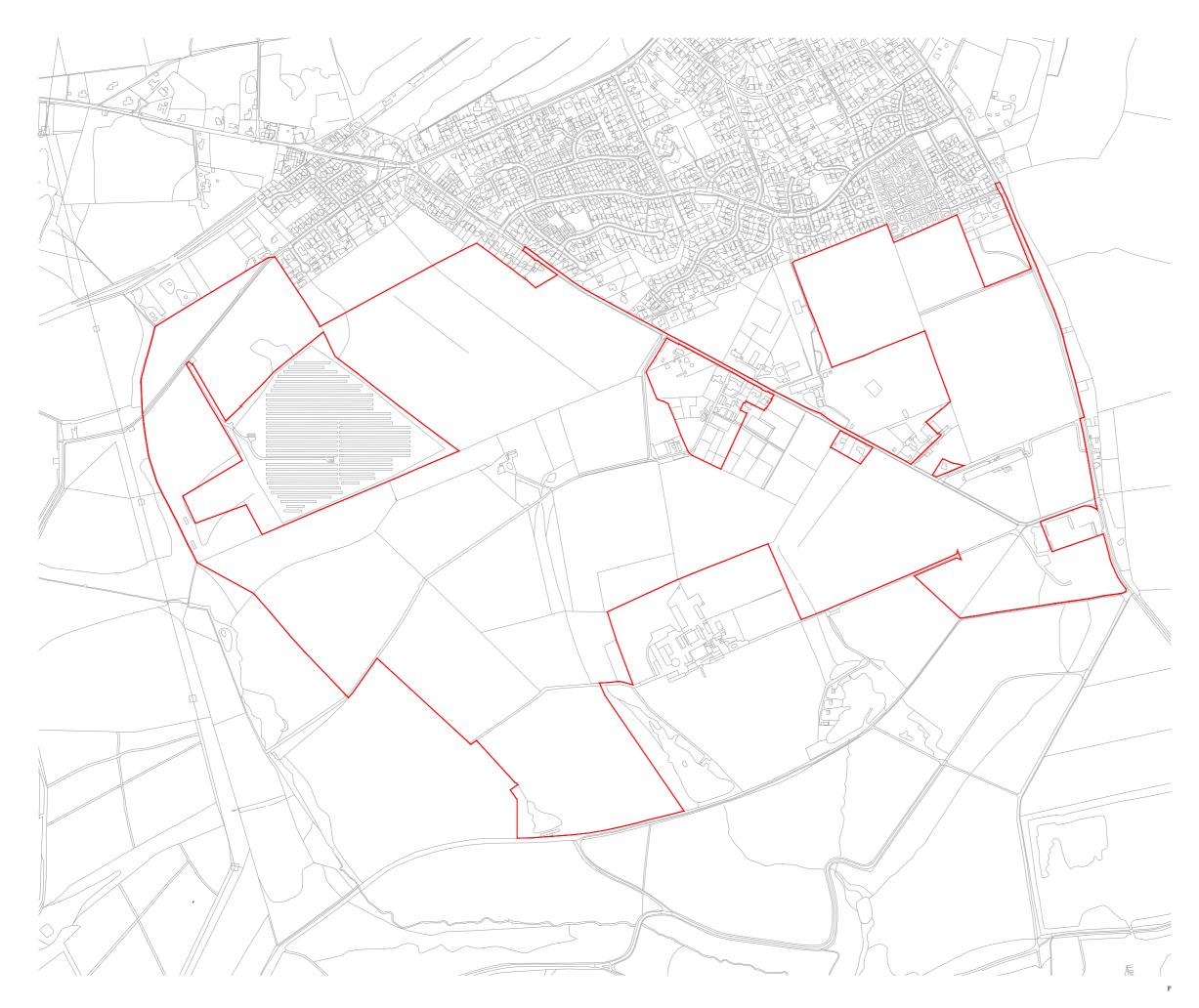
**Project Details** 

Figure Title

Figure Ref Date File Location WIE19098-100: Alderholt

Figure A1: Site Location Plan

WIE19098-100\_GR\_PRA\_A1B July 2022 \\s-Incs\wie1\projects\wie19098\100\graphics\pra\issued figures



#### Source: Scott Worsfold Associates

© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.







Project Details

Figure Title

Figure Ref Date File Location WIE19098-100: Alderholt

Figure A2: Site Plan

WIE19098-100\_GR\_PRA\_A2C December 2022 \\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures



© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office. Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.



# Project Details

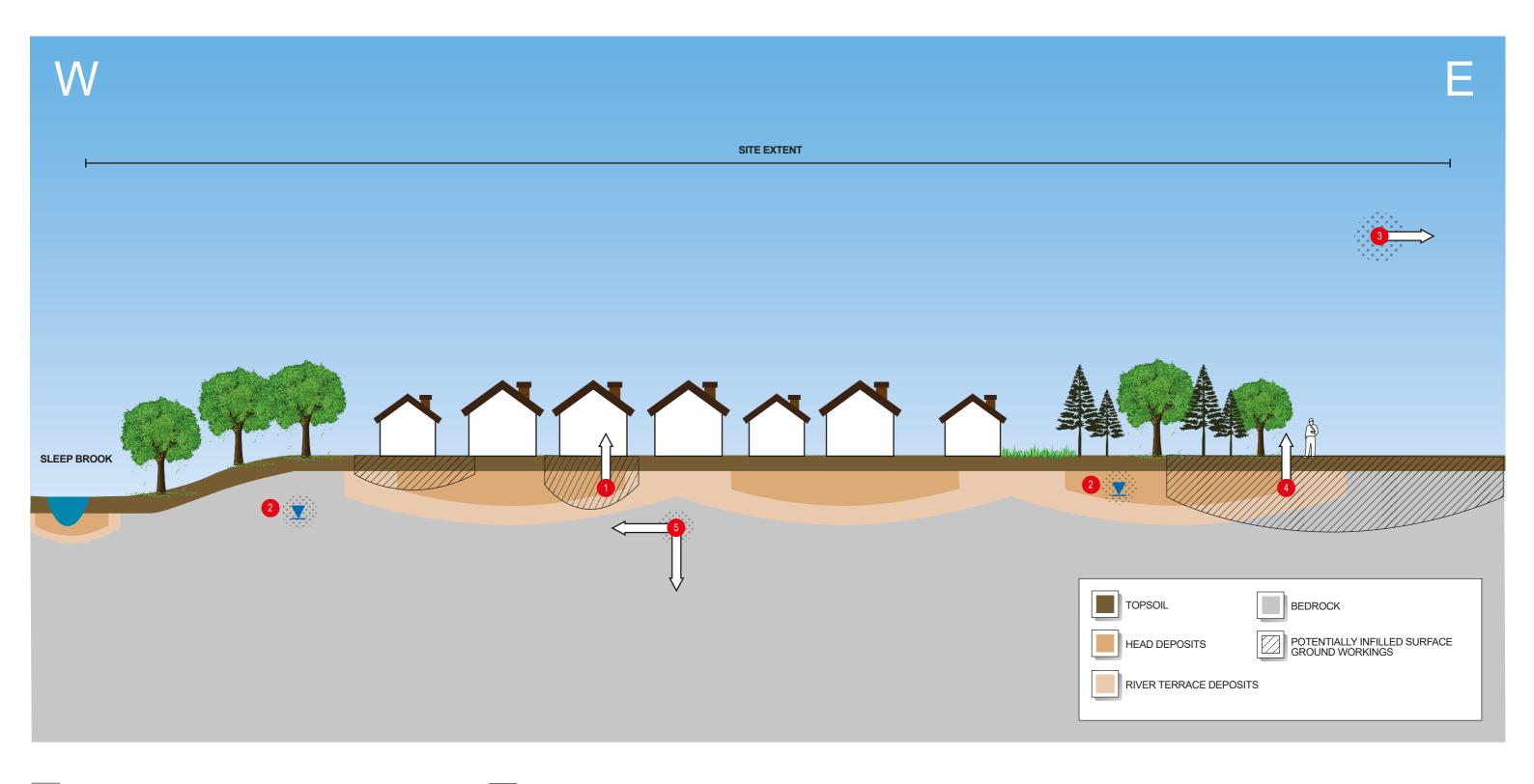
Figure Title

Figure Ref Date File Location

#### WIE19098-100: Alderholt

Figure A3: Proposed Development Layout

WIE19098-100\_GR\_PRA\_A3B December 2022 \\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures



VAPOUR AND GROUND GAS INGRESS INTO BUILDINGS (LOW RISK).

**2** S C

SHALLOW GROUNDWATER CONTAMINATION FROM LEACHING OF CONTAMINANTS IN MADE GROUND AND INFILLED GROUND (MEDIUM RISK).



FUTURE SITE USERS AND CONSTRUCTION WORKERS IN CONTACT WITH CONTAMINATION IN SHALLOW SOILS (MEDIUM RISK).

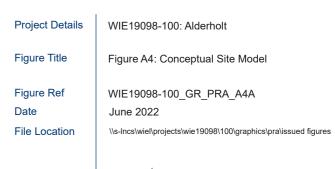
5 MIGRATION OF CONTAMINATION OFF-SITE THROUGH UNDERLYING AQUIFERS AND SURFACE WATERS ON-SITE (MEDIUM RISK).

CONTAMINATED DUST BLOWN OFF-SITE (LOW RISK).

© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.







© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.





Project Details	WIE19098-100: Alderholt
Figure Title	Figure A5: Photograph Location Plan
Figure Ref	WIE19098-100_GR_PRA_A5B
Date	July 2022
File Location	\\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures





## **B. Site Photographs**

Appendices Preliminary Risk Assessment Document Reference: WIE19098 WIE19098-106-R-1-2-1-PRA







1. Agricultural land in north of Site

4. Agricultural land use in east of Site



6. Former poultry house in east of Site

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.



3. Agricultural land in northeast of Site. Residential land use beyond.



Project Details	WIE19098-100: Alderholt
Figure Title	Figure B1: Site Photographs
Figure Ref Date File Location	WIE19098-100_GR_PRA_B1A June 2022 \\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures





7. Riding menage relating to Alderholt Riding and Livery Yard in north of site

8. Woodland in southeast corner of Site





10. Entrance road to Warren Park Farm south of the Site boundary



11. Entrance to camping area in southeast of Site

12. Area where watercourse is present in south of Site

© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.



Project Details	WIE19098-100: Alderholt
Figure Title	Figure B2: Site Photographs
Figure Ref Date File Location	WIE19098-100_GR_PRA_B2A June 2022 \\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures







13. Entrance to former poultry house in east of Site

16. Entrance to Sleepbrook Farm in north of Site



17. Sleepbrook Farm yard in centre of Site



18. Redundant above ground storage tank at Sleepbrook Farm

© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.



15. Agricultural land in centre of Site. Building excluded from Site boundary

Project Details	WIE19098-100: Alderholt
Figure Title	Figure B3: Site Photographs
Figure Ref Date File Location	WIE19098-100_GR_PRA_B3A June 2022 \\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures

www.watermangroup.com



19. Gravel track through Sleepbrook Farm in centre of Site



22. Woodland in west of Site



20. Agricultural land and solar farm north of Site boundary beyond.

21. Agricultural land in centre of Site



23. Looking south across designated SSSI in west of Site



24. Looking south across designated SSSI in west of Site

© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.





Project Details	WIE19098-100: Alderholt
Figure Title	Figure B4: Site Photographs
Figure Ref Date File Location	WIE19098-100_GR_PRA_B4A June 2022 \\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures

www.watermangroup.com







26. Agricultural land in north of Site





28. Pond in south of Site



30. Agricultural land in north of Site

© WATERMAN INFRASTRUCTURE & ENVIRONMENT

Reproduced from the Ordnance Survey maps with the permission of the Controller of Her Majesty's Stationery Office, Crown copyright, Waterman Infrastructure & Environment, Pickfords Wharf, Clink Street, London SE1 9DG. Licence number LAN1000628.





Project Details	WIE19098-100: Alderholt
Figure Title	Figure B5: Site Photographs
Figure Ref Date	WIE19098-100_GR_PRA_B5A June 2022
File Location	\\s-Incs\wiel\projects\wie19098\100\graphics\pra\issued figures

www.watermangroup.com





C. Ground Gas Risk Assessment

Appendices Preliminary Risk Assessment Document Reference: WIE19098 WIE19098-106-R-1-2-1-PRA

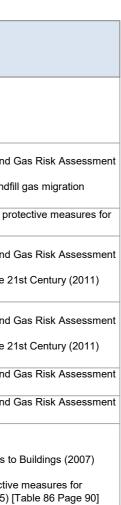
#### Table C.1:Waterman Ground Gas Risk Assessment Tool

		Assessment	Impact on ground gas risk to completed		
Parameter	Select parameter	score	development	Reasoning	Supporting guidance and reference
Is there an existing Ground Investigation report for the Site?	No	0	Refer to available online resources i.e. BGS online	Information from online resources such as the Groundsure/Landmark Environmental report and BGS datasets will provide a general understanding of the likely ground conditions at the Site.	
ls the Site within 20m of an area of former coal mining or landfilling?	No	0	Reduces risk	The absence of coal mining or landfills close to the Site removes a significant potential source of ground gas risk.	Developers (2017) [Section 2.2, Page 7] CL:AIRE: Research Bulletin RB17 A Pragmatic Approach to Ground (November 2012) [Section 3, Page 3] EPG: Ground Gas Information Sheet 3 Screening approach for land around landfill sites (November 2018) [Page 2]
s the Site in an area at risk of radon?	No	0	No impact on risk	protective measures that could also mitigate ground gas risk.	Building Research Establishment: BRE 211 Radon - Guidance on pr new buildings [Section 5 Page 6]
Primary soil type assessed	Gravel	0	Reduces risk	Although Gravels may contain thin bands of peaty material, in general the majority constituent is quartz fragments and coarse sands with limited potential for putrification and methane generation.	CL:AIRE: Research Bulletin RB17 A Pragmatic Approach to Ground (November 2012) [Section 3, Page 3] EPG: A pragmatic approach to ground gas risk assessment for the 2 [Page 2]
Secondary soil type assessed (if assessing multiple strata)	Sand, Silt or Mudstone	0	Reduces risk	Strata of this type do not contain material capable of ground gas generation, and do not represent a significant risk for methane generation.	CL:AIRE: Research Bulletin RB17 A Pragmatic Approach to Ground (November 2012) [Section 3, Page 3] EPG: A pragmatic approach to ground gas risk assessment for the 2 [Page 2]
Thickness of Made Ground (if present on-Site)	Under 5m (with average of less than 3m)	0	Reduces risk	organic material present to generate significant volumes of methane, unless it has a significantly high organic content.	CL:AIRE: Research Bulletin RB17 A Pragmatic Approach to Ground (November 2012) [Section 3: Page 4]
Period since Made Ground emplaced (if present on-Site)	>20 years	0	Reduces risk	of methane has been exhausted. Minor volumes may remain within the pore space however, which can be	CL:AIRE: Research Bulletin RB17 A Pragmatic Approach to Ground (November 2012) [Appendix A, Page 10]
Existing building type (if applicable)	New development proposed	0	Reduces risk only if appropriate protective measures are included where necessary		CIRIA: C665 Assessing Risks Posed by Hazardous Ground Gases t [Table 8.6, Page 90] British Standard: BS8485 Code of practice for the design of protectiv methane and carbon dioxide ground gases for new buildings (2015)
Development type	Type A: Residential (individual houses)	2	Increases risk	Residential spaces are likely to include confined spaces where gases can accumulate to dangerous concentrations.	British Standard: BS8485 Code of practice for the design of protectiv methane and carbon dioxide ground gases for new buildings (2015)
Ground floor slab construction details	Not known	0	Does not reduce risk	Does not reduce risk	CIRIA: C665 Assessing Risks Posed by Hazardous Ground Gases t [Table 8.6, Page 90] British Standard: BS8485 Code of practice for the design of protectiv methane and carbon dioxide ground gases for new buildings (2015)
Development includes a basement?	No	1	Does not reduce risk	Where the development does not include a basement the majority of potential ground gas source material will likely remain beneath the Site.	British Standard: BS8485 Code of practice for the design of protective methane and carbon dioxide ground gases for new buildings (2015) CIEH: The Local Authority Guide to Ground Gas (September 2008)
If a basement is present, is this structure in contact with groundwater- bearing strata?	No basement	0	Does not increase risk	Not Applicable	EPG: Dissolved methane monitoring for ground gas risk assessmen [Page 1]
Presence of off-Site sources with potential pathway to Site?	No	0	Does not increase risk	Where no potential off-Site sources exist, or where there is no direct pathway for these gases to migrate to the Site no risk exists.	
Total Assessed Score	3				
	<b>v</b>				

In consideration of the above details the development is considered to be at Very Low Risk for ground gas issues.

Based on the sensitivity of the end-use receptor

no further ground gas investigation or assessment required.



ctive measures for 5) [Section 7, Page 21]

s to Buildings (2007)

ctive measures for 5) [Section 7.2, Page 23]

ctive measures for 15) [Annex A Page 36] 8) [Section 7 Page 101]

ent (September 2018)





### **D.** Consultation Information

- Groundsure Report
- Groundsure Historical Map Pack
- Response from Environmental Health Officer

Appendices ninary Risk Assess

Preliminary Risk Assessment Document Reference: WIE19098 WIE19098-106-R-1-2-1-PRA





Date:	11/04/2022
-------	------------

Your ref: WIE19098-100 PO 115694

**Our Ref:** WTM1-8665663

Client: Clair Wilkinson

## **Site Details**

Location:	411920 111726
Area:	123.16 ha
Authority:	Dorset Council, New Forest District Council



OS MasterMap site plan

N/A: >10ha

**Aerial image** groundsure.com/insightuserguide p. 8



# **Summary of findings**

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
-							300 200011
<u>13</u>	<u>1.1</u>	Historical industrial land uses	6	11	34	57	-
<u>18</u>	<u>1.2</u>	Historical tanks	0	0	2	1	-
<u>18</u>	<u>1.3</u>	Historical energy features	0	0	9	1	-
19	1.4	Historical petrol stations	0	0	0	0	-
<u>19</u>	<u>1.5</u>	Historical garages	0	3	0	2	-
20	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
<u>21</u>	<u>2.1</u>	Historical industrial land uses	8	17	44	73	-
<u>27</u>	<u>2.2</u>	Historical tanks	0	0	4	1	-
<u>27</u>	<u>2.3</u>	Historical energy features	0	0	13	2	-
28	2.4	Historical petrol stations	0	0	0	0	-
<u>28</u>	<u>2.5</u>	Historical garages	0	4	0	3	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
29	3.1	Active or recent landfill	0	0	0	0	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
30	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
30	0.4						
	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
30	3.4 3.5	Historical landfill (EA/NRW records) Historical waste sites	0	0	0	0 0	-
30 30							-
	3.5	Historical waste sites	0	0	0	0	-
30	3.5 3.6	Historical waste sites Licensed waste sites	0 0	0 0	0 0	0	- - - 500-2000m
30 <u>30</u>	3.5 3.6 <u>3.7</u>	Historical waste sites Licensed waste sites <u>Waste exemptions</u>	0 0 0	0 0 10	0 0 40	0 0 1	- - - 500-2000m
30 <u>30</u> Page	3.5 3.6 <u>3.7</u> Section	Historical waste sites Licensed waste sites <u>Waste exemptions</u> Current industrial land use	0 0 0 On site	0 0 10 0-50m	0 0 40 50-250m	0 0 1	- - - 500-2000m
30 <b>30</b> Page <b>36</b>	3.5 3.6 <b>3.7</b> Section <u>4.1</u>	Historical waste sites Licensed waste sites <u>Waste exemptions</u> Current industrial land use <u>Recent industrial land uses</u>	0 0 0 On site 3	0 0 10 0-50m 3	0 0 40 50-250m 10	0 0 1 250-500m	- - - 500-2000m
30 <b>30</b> Page <b>36</b> 37	<ul> <li>3.5</li> <li>3.6</li> <li><b>3.7</b></li> <li>Section</li> <li><b>4.1</b></li> <li>4.2</li> </ul>	Historical waste sites Licensed waste sites Waste exemptions Current industrial land use Recent industrial land uses Current or recent petrol stations	0 0 0 On site 3 0	0 0 10 0-50m 3 0	0 0 40 50-250m 10 0	0 0 1 250-500m - 0	- - - 500-2000m





38 39	4.7 4.8	Regulated explosive sites Hazardous substance storage/usage	0	0	0	0	-
39	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
39	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
39	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
39	4.12	Radioactive Substance Authorisations	0	0	0	0	-
40	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
40	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
40	4.15	Pollutant release to public sewer	0	0	0	0	-
40	4.16	List 1 Dangerous Substances	0	0	0	0	-
40	4.17	List 2 Dangerous Substances	0	0	0	0	-
<u>41</u>	<u>4.18</u>	Pollution Incidents (EA/NRW)	0	0	0	5	-
41	4.19	Pollution inventory substances	0	0	0	0	-
42	4.20	Pollution inventory waste transfers	0	0	0	0	-
42	4.21	Pollution inventory radioactive waste	0	0	0	0	-
42 Page	4.21 Section	Pollution inventory radioactive waste Hydrogeology	() On site	0 0-50m	0 50-250m	0 250-500m	- 500-2000m
			On site		50-250m		- 500-2000m
Page	Section	Hydrogeology	On site Identified (	0-50m	50-250m		- 500-2000m
Page <u>43</u>	Section <u>5.1</u>	Hydrogeology Superficial aquifer	On site Identified ( Identified (	0-50m within 500m	50-250m		- 500-2000m
Page <u>43</u> <u>45</u>	Section 5.1 5.2	Hydrogeology Superficial aquifer Bedrock aquifer	On site Identified ( Identified (	0-50m within 500m within 500m within 50m)	50-250m		- 500-2000m
Page <u>43</u> <u>45</u> <u>47</u>	Section 5.1 5.2 5.3	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability	On site Identified ( Identified ( Identified ( None (with	0-50m within 500m within 500m within 50m)	50-250m		- 500-2000m
Page <u>43</u> <u>45</u> <u>47</u> 53	Section 5.1 5.2 5.3 5.4	Hydrogeology Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk	On site Identified ( Identified ( Identified ( None (with	0-50m within 500m within 500m within 50m) hin 0m)	50-250m		- 500-2000m
Page 43 45 47 53 53	Section 5.1 5.2 5.3 5.4 5.5	HydrogeologySuperficial aquiferBedrock aquiferGroundwater vulnerabilityGroundwater vulnerability- soluble rock riskGroundwater vulnerability- local information	On site Identified ( Identified ( Identified ( None (with Identified (	0-50m (within 500m (within 500m) (within 50m) (within 0m) (within 0m)	50-250m )	250-500m	
Page 43 45 47 53 53 55	Section 5.1 5.2 5.3 5.4 5.5 5.6	HydrogeologySuperficial aquiferBedrock aquiferGroundwater vulnerabilityGroundwater vulnerability- soluble rock riskGroundwater vulnerability- local informationGroundwater abstractions	On site Identified ( Identified ( Identified ( None (with Identified ( 0	0-50m (within 500m (within 500m) (within 50m) (within 0m) (within 0m)	50-250m ) )	250-500m	5
Page 43 45 53 53 55 55	Section 5.1 5.2 5.3 5.4 5.5 5.6 5.6 5.7	HydrogeologySuperficial aquiferBedrock aquiferGroundwater vulnerabilityGroundwater vulnerability- soluble rock riskGroundwater vulnerability- local informationGroundwater abstractionsSurface water abstractions	On site Identified ( Identified ( Identified ( None (with Identified ( 0 0	0-50m (within 500m (within 500m) (within 50m) (within 0m) (within 0m) 0 0	50-250m ) ) 0 0	250-500m 2 0	5 11
Page 43 45 53 53 55 55 60	Section 5.1 5.2 5.3 5.4 5.5 5.6 5.6 5.7 5.8	HydrogeologySuperficial aquiferBedrock aquiferGroundwater vulnerabilityGroundwater vulnerability- soluble rock riskGroundwater vulnerability- local informationGroundwater abstractionsSurface water abstractionsPotable abstractions	On site Identified ( Identified ( Identified ( None (with Identified ( 0 0 0 0	0-50m (within 500m (within 500m) (within 50m) (within 0m) (within 0m) 0 0 0 0	50-250m ) ) ) 0 0 0 0	250-500m 2 0 0	5 11
Page 43 45 47 53 53 55 55 60 60	Section 5.1 5.2 5.3 5.4 5.6 5.6 5.7 5.8 5.9	HydrogeologySuperficial aquiferBedrock aquiferGroundwater vulnerabilityGroundwater vulnerability- soluble rock riskGroundwater vulnerability- local informationGroundwater abstractionsSurface water abstractionsPotable abstractionsSource Protection Zones	On site Identified ( Identified ( Identified ( None (with Identified ( 0 0 0 0 0	0-50m (within 500m (within 500m) (within 50m) (within 0m) (within 0m) 0 0 0 0 0 0	50-250m ) ) ) 0 0 0 0 0 0	250-500m 2 0 0 0	5 11





<u>67</u>	<u>6.2</u>	Surface water features	1	7	8	-	-
<u>67</u>	<u>6.3</u>	WFD Surface water body catchments	3	-	-	-	-
<u>68</u>	<u>6.4</u>	WFD Surface water bodies	0	0	0	-	-
<u>68</u>	<u>6.5</u>	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
<u>69</u>	<u>7.1</u>	Risk of flooding from rivers and the sea	High (withi	n 50m)			
70	7.2	Historical Flood Events	0	0	0	-	-
70	7.3	Flood Defences	0	0	0	-	-
70	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
70	7.5	Flood Storage Areas	0	0	0	-	-
<u>71</u>	<u>7.6</u>	Flood Zone 2	Identified (	within 50m)			
<u>72</u>	<u>7.7</u>	Flood Zone 3	Identified (	within 50m)			
Page	Section	Surface water flooding					
<u>73</u>	<u>8.1</u>	Surface water flooding	1 in 30 yea	r, Greater tha	an 1.0m (wit	hin 50m)	
Page	Section	Groundwater flooding					
<u>75</u>	<u>9.1</u>	Groundwater flooding	High (withi	n 50m)			
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>76</u>	<u>10.1</u>	Sites of Special Scientific Interest (SSSI)	1	0	0	1	12
<u>77</u>	<u>10.2</u>	Conserved wetland sites (Ramsar sites)	1	0	0	1	9
<u>83</u>	<u>10.3</u>	Special Areas of Conservation (SAC)	1	0	0	1	10
<u>86</u>	<u>10.4</u>	Special Protection Areas (SPA)	1	0	0	1	8
87	10.5	National Nature Reserves (NNR)	0	0	0	0	0
87	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
<u>88</u>	<u>10.7</u>	Designated Ancient Woodland	0	0	0	0	18
89	10.8	Biosphere Reserves	0	0	0	0	0
89	10.9	Forest Parks	0	0	0	0	0
89	10.10	Marine Conservation Zones	0	0	0	0	0
<u>89</u>	<u>10.11</u>	<u>Green Belt</u>	0	0	0	0	1
90	10.12	Proposed Ramsar sites	0	0	0	0	0



90	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
90	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
90	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>91</u>	<u>10.16</u>	Nitrate Vulnerable Zones	0	0	0	0	1
<u>92</u>	<u>10.17</u>	SSSI Impact Risk Zones	10	-	-	-	-
<u>100</u>	<u>10.18</u>	SSSI Units	3	0	0	1	29
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
114	11.1	World Heritage Sites	0	0	0	-	_
115	11.2	Area of Outstanding Natural Beauty	0	0	0	_	_
115	11.3	National Parks	0	0	0	-	-
115	11.4	Listed Buildings	0	0	0	-	-
115	11.5	Conservation Areas	0	0	0	-	-
<u>116</u>	<u>11.6</u>	Scheduled Ancient Monuments	0	0	1	_	-
116	11.7	Registered Parks and Gardens	0	0	0	_	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>117</u>	<u>12.1</u>	Agricultural Land Classification	Grade 3b (v	vithin 250m	)		
119	12.2	Open Access Land	0	0	0	-	-
<u>120</u>	<u>12.3</u>	Tree Felling Licences	2	4	3	-	-
<u>120</u>	<u>12.4</u>	Environmental Stewardship Schemes	1	1	0		
<u>121</u>			1	T	0	-	-
	<u>12.5</u>	Countryside Stewardship Schemes	1	1	0	-	-
Page	<u>12.5</u> Section	Countryside Stewardship Schemes Habitat designations				- - 250-500m	- - 500-2000m
			1	1	0	- 250-500m -	- 500-2000m
Page	Section	Habitat designations	1 On site	1 0-50m	0 50-250m	- 250-500m -	- 500-2000m -
Page <u>122</u>	Section <u>13.1</u>	Habitat designations Priority Habitat Inventory	1 On site 31	1 0-50m 14	0 50-250m 16	- 250-500m - -	- 500-2000m - -
Page <u>122</u> <u>125</u>	Section <u>13.1</u> <u>13.2</u>	Habitat designations Priority Habitat Inventory Habitat Networks	1 On site 31 13	1 0-50m 14 4	0 50-250m 16 9	- 250-500m - - -	- 500-2000m - - -
Page 122 125 127	Section <u>13.1</u> <u>13.2</u> 13.3	Habitat designations Priority Habitat Inventory Habitat Networks Open Mosaic Habitat	1 On site 31 13 0	1 0-50m 14 4 0	0 50-250m 16 9 0	- 250-500m - - - 250-500m	- 500-2000m - - - 500-2000m
Page 122 125 127 127	Section <u>13.1</u> <u>13.2</u> 13.3 13.4	Habitat designations Priority Habitat Inventory Habitat Networks Open Mosaic Habitat Limestone Pavement Orders	1 On site 31 13 0 0 0	1 0-50m 14 4 0 0	0 50-250m 16 9 0 0 0 50-250m	-	
Page         122         125         127         127         Page	Section <b>13.1</b> <b>13.2</b> 13.3 13.4 Section	Habitat designationsPriority Habitat InventoryHabitat NetworksOpen Mosaic HabitatLimestone Pavement OrdersGeology 1:10,000 scale	1 On site 31 13 0 0 0	1 0-50m 14 4 0 0 0	0 50-250m 16 9 0 0 0 50-250m	-	





131	14.4	Landslip (10k)	0	0	0	0	-
<u>132</u>	<u>14.5</u>	Bedrock geology (10k)	3	0	1	4	-
133	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>134</u>	<u>15.1</u>	50k Availability	Identified (	within 500m	)		
<u>135</u>	<u>15.2</u>	Artificial and made ground (50k)	0	0	0	1	-
136	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>137</u>	<u>15.4</u>	Superficial geology (50k)	5	0	1	2	-
<u>138</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (	within 50m)			
138	15.6	Landslip (50k)	0	0	0	0	-
139	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>140</u>	<u>15.8</u>	Bedrock geology (50k)	3	0	1	4	-
<u>141</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (	within 50m)			
141	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
					-		
<u>142</u>	<u>16.1</u>	BGS Boreholes	0	1	0	-	-
<u>142</u> Page	<u>16.1</u> Section	BGS Boreholes Natural ground subsidence	0	1	0	-	-
				1 (within 50m)		-	-
Page	Section	Natural ground subsidence		within 50m)		-	-
Page <u>143</u>	Section <u>17.1</u>	Natural ground subsidence Shrink swell clays	Moderate	(within 50m) n 50m)		-	-
Page <u>143</u> <u>145</u>	Section <u>17.1</u> <u>17.2</u>	Natural ground subsidence Shrink swell clays Running sands	Moderate ( Low (within High (withi	(within 50m) n 50m)		-	-
Page 143 145 147	Section <u>17.1</u> <u>17.2</u> <u>17.3</u>	Natural ground subsidence Shrink swell clays Running sands Compressible deposits	Moderate ( Low (within High (withi	(within 50m) n 50m) n 50m) vithin 50m)		-	-
Page 143 145 147 148	Section 17.1 17.2 17.3 17.4	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits	Moderate ( Low (within High (withi Very low (w Low (within	(within 50m) n 50m) n 50m) vithin 50m)		-	-
Page 143 145 147 148 149	Section 17.1 17.2 17.3 17.4 17.5	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides	Moderate ( Low (within High (withi Very low (w Low (within	(within 50m) n 50m) n 50m) vithin 50m) n 50m)		- 250-500m	- 500-2000m
Page 143 145 147 147 148 149 151	Section 17.1 17.2 17.3 17.4 17.5 17.6	Natural ground subsidence Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks	Moderate ( Low (within High (withi Very low (v Low (within Negligible (	(within 50m) n 50m) n 50m) vithin 50m) n 50m) (within 50m)		- 250-500m	- 500-2000m
Page 143 145 147 148 149 151 Page	Section 17.1 17.2 17.3 17.4 17.5 17.6 Section	Natural ground subsidenceShrink swell claysRunning sandsCompressible depositsCollapsible depositsLandslidesGround dissolution of soluble rocksMining, ground workings and natural cavities	Moderate ( Low (within High (within Very low (w Low (within Negligible ( On site	(within 50m) n 50m) n 50m) vithin 50m) n 50m) (within 50m) 0-50m	50-250m		- 500-2000m -
Page 143 145 147 148 149 151 Page 153	Section 17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1	Natural ground subsidenceShrink swell claysRunning sandsCompressible depositsCollapsible depositsLandslidesGround dissolution of soluble rocksMining, ground workings and natural cavitiesNatural cavities	Moderate ( Low (within High (within Very low (w Low (within Negligible ( On site 0	(within 50m) n 50m) vithin 50m) n 50m) (within 50m) (within 50m) 0-50m	50-250m 0	0	- 500-2000m - -
Page 143 145 147 148 149 151 Page 153 154	Section 17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1 18.2	Natural ground subsidenceShrink swell claysRunning sandsCompressible depositsCollapsible depositsLandslidesGround dissolution of soluble rocksMining, ground workings and natural cavitiesNatural cavitiesBritPits	Moderate ( Low (within High (within Very low (v Low (within Negligible ( On site 0 0	(within 50m) n 50m) vithin 50m) n 50m) (within 50m) (within 50m) 0-50m 0 1	50-250m 0 5	0	- 500-2000m - - - 0





<u>161</u>	<u>18.6</u>	Non-coal mining	1	0	0	0	1
161	18.7	Mining cavities	0	0	0	0	0
162	18.8	JPB mining areas	None (with	iin Om)			
162	18.9	Coal mining	None (with	nin Om)			
162	18.10	Brine areas	None (with	nin Om)			
162	18.11	Gypsum areas	None (with	nin Om)			
162	18.12	Tin mining	None (with	nin Om)			
163	18.13	Clay mining	None (with	nin Om)			
Page	Section	Radon					
<u>164</u>	<u>19.1</u>	Radon	Less than 1	% (within On	n)		
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>165</u>	<u>20.1</u>	BGS Estimated Background Soil Chemistry	50	17	-	-	-
167	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
168	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
169	21.1	Underground railways (London)	0	0	0	-	-
169	21.2	Underground railways (Non-London)	0	0	0	-	-
169	21.3	Railway tunnels	0	0	0	-	-
169	21.4	Historical railway and tunnel features	0	0	0	-	-
169	21.5	Royal Mail tunnels	0	0	0	-	-
170	21.6	Historical railways	0	0	0	-	-
170	21.7	Railways	0	0	0	-	-
170	21.8	Crossrail 1	0	0	0	0	-
170	21.9	Crossrail 2	0	0	0	0	-
170	21.10	HS2	0	0	0	0	-





Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# **Recent aerial photograph**



Capture Date: 15/05/2020 Site Area: 123.16ha







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Recent site history - 2017 aerial photograph



Capture Date: 20/06/2017 Site Area: 123.16ha





Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Recent site history - 2013 aerial photograph



Capture Date: 20/08/2013 Site Area: 123.16ha







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Recent site history - 2005 aerial photograph



Capture Date: 23/06/2005 Site Area: 123.16ha







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Recent site history - 2000 aerial photograph



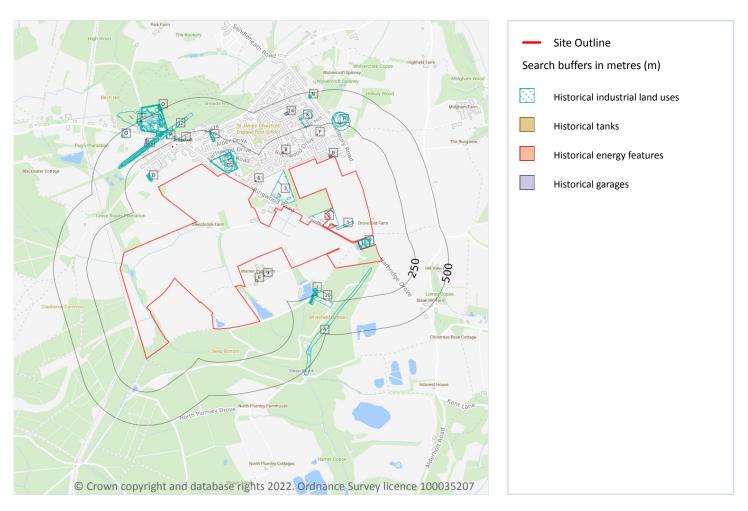
Capture Date: 17/06/2000 Site Area: 123.16ha







## 1 Past land use



## 1.1 Historical industrial land uses

#### Records within 500m

108

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
1	On site	Poultry House	1988	1865619







2Norsery19881955040AOn siteRifle Range19881903111AOn siteGravel Pit18951926001AOn siteGravel Pit19111949802AOn NGravel Pit19001954226AOn NGravel Pit19571919063A2m SGravel Pit18861910428A4m SGravel Pit18861910428C11m NEBrick Works18861914483C16m NEBrick Works1886191548C16m NBrick Works189919517C17m NBrick Works18881915617C19m NEUnspecified Ground Workings1902 - 19081917249C19m NEUnspecified Pit1980191493C32m NENurseries1988191549C53m NENurseries1988195149DGravel Pit19181887319195149C15m NWGravel Pit1911187153D6m NWOld Sand Pit1988190874D73m NWOld Sand Pit19881983403C32m NEUnspecified Pit19881983403D73m NWOld Sand Pit1886199077E88m EUnspecified Nillis1886195077E88m EUnspecified Pit1888195077E88m EUnspecified Pit<	ID	Location	Land use	Dates present	Group ID
AOn siteGravel Pit18951926001AOn siteGravel Pit19111949802AOn siteGravel Pit19001954226AOm NGravel Pit19571919063A2m SGravel Pit18861910428A4m SGravel Pit18891901632C11m NEBrick Works18861914483C16m NEBrick Works1902 - 1908195980C16m NEBrick Works18951937467C17m NBrick Works1888191517C17m NBrick Works1902 - 19081917249325m NENurseries1982191493C31m NUnspecified Ground Workings1902 - 1908191493C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds1871196106C52m NENurseries19881951549D61m NWGravel Pit1908187319S53m NENurseries1988191238C69m NEUnspecified Pit1908187543D66m NWOld Sand Pit1895189514D74m NWOld Sand Pit1899193543D74m NWOld Sand Pit1899193543D74m NWOld Sand Pit1899193543D74m NWOld Sand Pit1899193543D74m NW	2	On site	Nursery	1988	1955040
AOn siteGravel Pit19111949802AOn siteGravel Pit19001954226AOm NGravel Pit19571919063A2 m SGravel Pit18861910428A4 m SGravel Pit18891901632C11m NEBrick Works18801914483C16m NEBrick Works1902 - 19081959880C16m NEBrick Works18951937467C17m NBrick Works18881915617C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries1988191569C19m NEUnspecified Pit1902 - 19081917249325m NENurseries1988191507437m SMill Ponds18711960166C52m NSand Pit19111871353D66m NWOld Sand Pit19081912398C69m NEUnspecified Pit1908187643773m NNurseries1988190574D74m NWOld Sand Pit1899183403C82m NUnspecified Rills18891959614D74m NWOld Sand Pit1899183403C82m NUnspecified Killns18861950077E88m EUnspecified Tank19881950077	А	On site	Rifle Range	1988	1903111
AOn siteGravel Pit19001954226AOm NGravel Pit19571919063A2m SGravel Pit18861910428A4m SGravel Pit18991901632C11m NEBrick Works18861914483C16m NBrick Works1902 - 19081959880C16m NBrick Works18951937467C17m NBrick Works1902 - 19081917249C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries19881914993C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds18711960106C52m NSand Pit19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit19881912398C37m NNurseries1988190574D73m NWOld Sand Pit1899183403D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881950077	А	On site	Gravel Pit	1895	1926001
AOm NGravel Pit19571919063A2m SGravel Pit18861910428A4m SGravel Pit18991901632C11m NEBrick Works18861914483C16m NEBrick Works1902 - 1908195980C16m NBrick Works18951937467C16m NBrick Works1895191517C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries1988191493C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds187111960106C52m NSand Pit19851887319553m NENurseries19881951549D66m NWOld Sand Pit19081876543773m NNurseries19881908574D74m NWOld Sand Pit18991893403C82m NUnspecified Klins18861950077E88m EUnspecified Klins18861950077	А	On site	Gravel Pit	1911	1949802
A2m SGravel Pit18861910428A4m SGravel Pit18991901632C11m NEBrick Works18861914483C16m NEBrick Works1902 - 1908195980C16m NBrick Works18951937467C17m NBrick Works18881915617C17m NUnspecified Ground Workings1902 - 19081917249325m NENurseries19881914933C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds187111960106C52m NSand Pit19881951549553m NENurseries19881951549D64m NWGravel Pit19111871353D66m NWOld Sand Pit1908187643773m NNurseries19881908574D74m NWOld Sand Pit18991939303C82m NUnspecified Kilns18861950077E88m EUnspecified Kilns18861950077	Α	On site	Gravel Pit	1900	1954226
A4m SGravel Pit18991901632C11m NEBrick Works18861914483C16m NEBrick Works1902 - 19081959880C16m NBrick Works18951937467C17m NBrick Works18881915617C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries1902 - 19081914993C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds18711960106C52m NSand Pit18951887319553m NENurseries19881951549D66m NWOld Sand Pit19081972398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18891950077E88m EUnspecified Kilns18861950077	А	0m N	Gravel Pit	1957	1919063
C11m NEBrick Works18861914483C16m NEBrick Works1902 - 19081959880C16m NBrick Works18951937467C17m NBrick Works18881915617C17m NBrick Works1902 - 19081917249325m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries19881914993C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds18711960106C52m NSand Pit18951887319553m NENurseries198819151549D66m NWOld Sand Pit19861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	А	2m S	Gravel Pit	1886	1910428
C16m NEBrick Works1902 - 19081959880C16m NBrick Works18951937467C17m NBrick Works18881915617C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries1902 - 19081936072437m SMill Ponds1902 - 19081936072437m SMill Ponds18711960106C52m NSand Pit18951887319553m NENurseries19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit1908187643773m NNurseries19881908574D73m NWOld Sand Pit18991893403D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881950077	А	4m S	Gravel Pit	1899	1901632
C16m NBrick Works18951937467C17m NBrick Works18881915617C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries19881914993C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds18711960106C52m NSand Pit18951887319553m NENurseries19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit1908192398C69m NEUnspecified Pit19081908574D73m NNurseries19881908574D73m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Kilns19881950077	С	11m NE	Brick Works	1886	1914483
C17m NBrick Works18881915617C19m NEUnspecified Ground Workings1902 - 19081917249325m NENurseries19881914993C31m NUnspecified Pit1902 - 19081936072437m SMill Ponds18711960106C52m NSand Pit18951887319553m NENurseries19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit18861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	С	16m NE	Brick Works	1902 - 1908	1959880
C         19m NE         Unspecified Ground Workings         1902 - 1908         1917249           3         25m NE         Nurseries         1988         1914993           C         31m N         Unspecified Pit         1902 - 1908         1936072           4         37m S         Mill Ponds         1871         1960106           C         52m N         Sand Pit         1895         1887319           5         53m NE         Nurseries         1988         1951549           D         61m NW         Gravel Pit         1911         1871353           D         66m NW         Old Sand Pit         1988         1912398           C         69m NE         Unspecified Pit         1908         1876543           7         73m N         Nurseries         1988         1908574           D         73m NW         Old Sand Pit         1895         1959614           D         74m NW         Old Sand Pit         1899         1893403           C         82m N         Unspecified Kilns         1886         1950077           E         88m E         Unspecified Tank         1988         1857384	С	16m N	Brick Works	1895	1937467
3         25m NE         Nurseries         1988         1914993           C         31m N         Unspecified Pit         1902 - 1908         1936072           4         37m S         Mill Ponds         1871         1960106           C         52m N         Sand Pit         1895         1887319           5         53m NE         Nurseries         1988         1951549           D         61m NW         Gravel Pit         1911         1871353           D         66m NW         Old Sand Pit         1886         1912398           C         69m NE         Unspecified Pit         1908         1876543           7         73m N         Nurseries         1988         1908574           D         73m NW         Old Sand Pit         1895         1959614           D         74m NW         Old Sand Pit         1899         1893403           C         82m N         Unspecified Kilns         1886         1950077           E         88m E         Unspecified Tank         1988         1857384	С	17m N	Brick Works	1888	1915617
C         31m N         Unspecified Pit         1902 - 1908         1936072           4         37m S         Mill Ponds         1871         1960106           C         52m N         Sand Pit         1895         1887319           5         53m NE         Nurseries         1988         1951549           D         61m NW         Gravel Pit         1911         1871353           D         66m NW         Old Sand Pit         1886         1912398           C         69m NE         Unspecified Pit         1908         1876543           7         73m N         Nurseries         1988         1908574           D         73m NW         Old Sand Pit         1895         1998574           D         74m NW         Old Sand Pit         1899         1893403           C         82m N         Unspecified Kilns         1886         1950077           E         88m E         Unspecified Tank         1988         1857384	С	19m NE	Unspecified Ground Workings	1902 - 1908	1917249
437m SMill Ponds18711960106C52m NSand Pit18951887319553m NENurseries19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit18861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	3	25m NE	Nurseries	1988	1914993
C52m NSand Pit18951887319553m NENurseries19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit18861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit1899183403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	С	31m N	Unspecified Pit	1902 - 1908	1936072
553m NENurseries19881951549D61m NWGravel Pit19111871353D66m NWOld Sand Pit18861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	4	37m S	Mill Ponds	1871	1960106
D61m NWGravel Pit19111871353D66m NWOld Sand Pit18861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	С	52m N	Sand Pit	1895	1887319
D66m NWOld Sand Pit18861912398C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	5	53m NE	Nurseries	1988	1951549
C69m NEUnspecified Pit19081876543773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	D	61m NW	Gravel Pit	1911	1871353
773m NNurseries19881908574D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	D	66m NW	Old Sand Pit	1886	1912398
D73m NWOld Sand Pit18951959614D74m NWOld Sand Pit18991893403C82m NUnspecified Kilns18861950077E88m EUnspecified Tank19881857384	С	69m NE	Unspecified Pit	1908	1876543
D       74m NW       Old Sand Pit       1899       1893403         C       82m N       Unspecified Kilns       1886       1950077         E       88m E       Unspecified Tank       1988       1857384	7	73m N	Nurseries	1988	1908574
C         82m N         Unspecified Kilns         1886         1950077           E         88m E         Unspecified Tank         1988         1857384	D	73m NW	Old Sand Pit	1895	1959614
E 88m E Unspecified Tank 1988 1857384	D	74m NW	Old Sand Pit	1899	1893403
	С	82m N	Unspecified Kilns	1886	1950077
C 89m N Unspecified Pit 1957 1965381	Е	88m E	Unspecified Tank	1988	1857384
	С	89m N	Unspecified Pit	1957	1965381
C 103m N Sand Pit 1888 1958051	С	103m N	Sand Pit	1888	1958051







ID	Location	Land use	Dates present	Group ID
С	110m N	Unspecified Pit	1902 - 1908	1933438
G	188m NE	Police Station	1895	1955418
G	189m NE	Police Station	1886 - 1888	1888995
G	192m NE	Police Station	1886	1917397
Н	198m N	Sand Pit	1902	1945681
10	202m SW	Gravel Pit	1988	1960789
I	204m SE	Gravel Pit	1886	1886246
I	205m SE	Unspecified Ground Workings	1886	1851338
I	208m SW	Gravel Pits	1895 - 1899	1912239
I	211m SW	Gravel Pit	1911 - 1957	1895933
J	213m NW	Smithy	1908	1875439
I	216m SW	Unspecified Pit	1900	1934171
J	217m NW	Smithy	1902	1875438
Н	222m N	Sand Pit	1957	1955680
Н	229m N	Sand Pit	1886	1896636
I	232m SE	Old Gravel Pit	1886	1873793
I	232m SE	Unspecified Pit	1886	1924525
I	235m SW	Unspecified Ground Workings	1911 - 1957	1943849
I	237m SE	Gravel Pits	1895	1966965
К	243m N	Nursery	1970	1867696
Н	246m N	Sand Pit	1908	1927719
J	247m NW	Unspecified Ground Workings	1908	1851318
Н	252m N	Sand Pit	1886	1957631
L	274m NW	Cuttings	1908	1931810
L	279m NW	Cuttings	1902	1902154
L	279m NW	Cuttings	1886	1953226
L	283m NW	Cuttings	1888	1950710
L	284m NW	Cuttings	1886	1919294







ID	Location	Land use	Dates present	Group ID
L	287m NW	Cuttings	1895	1952026
M	291m NW	Unspecified Kiln	1886	1859754
M	299m NW	Unspecified Kiln	1886	1859755
Μ	300m NW	Railway Sidings	1886	1888363
Μ	306m NW	Railway Sidings	1902	1961166
К	306m N	Old Sand Pit	1886 - 1895	1892841
К	314m N	Unspecified Pit	1886	1876542
12	318m NW	Railway Sidings	1902 - 1908	1934271
Μ	322m NW	Railway Station	1886	1927594
Μ	325m NW	Disused Railway Station	1970	1863441
Μ	327m NW	Railway Station	1895 - 1908	1930087
Μ	328m NW	Railway Station	1888	1908156
Μ	328m NW	Railway Station	1957	1921016
Μ	328m NW	Railway Station	1886	1906376
13	332m NW	Piggery	1988	1868734
Μ	339m NW	Pottery and Brick Works	1886	1951918
Μ	339m NW	Pottery and Brick Works	1902	1965657
Μ	342m NW	Pottery and Brick Works	1908	1943300
Μ	344m NW	Unspecified Kilns	1886	1873698
Μ	348m NW	Pottery and Brick Works	1895	1951253
Μ	348m NW	Pottery and Brick Works	1886	1885450
Μ	349m NW	Pottery and Brick Works	1888	1940164
Μ	364m NW	Unspecified Kilns	1886	1910612
Μ	369m NW	Unspecified Pit	1902	1889822
Μ	370m NW	Unspecified Ground Workings	1908	1851319
Μ	382m NW	Unspecified Kilns	1886	1896307
Μ	387m NW	Unspecified Pit	1902	1876541
Μ	388m NW	Unspecified Pit	1957 - 1970	1917241







ID	Location	Land use	Dates present	Group ID
M	389m NW	Unspecified Kilns	1886	1910525
M	400m NW	Unspecified Tank	1886	1950151
M	402m NW	Unspecified Tank	1895	1948274
M	402m NW	Unspecified Tank	1908	1889052
M	402m NW	Unspecified Tank	1902	1944918
M	408m NW	Clay Pit	1886	1862277
M	423m NW	Refuse Heap	1902 - 1908	1937952
Μ	425m NW	Sand Pit	1886	1889692
M	433m NW	Unspecified Pit	1957 - 1970	1929275
M	433m NW	Sand Pits	1895	1961989
M	438m NW	Sand Pits	1888	1938844
Ν	454m N	Sand Pit	1888	1905955
Ν	455m N	Sand Pit	1895	1910621
0	455m NW	Sand Pits	1908	1864530
Ν	460m N	Sand Pit	1886	1912646
Ν	464m N	Refuse Heap	1886	1884033
Ρ	472m NW	Unspecified Pit	1908	1885716
0	472m NW	Sand Pits	1908	1864531
15	475m NW	Unspecified Pit	1957 - 1970	1955307
Р	478m NW	Unspecified Pit	1902	1940042
Q	490m NW	Sand Pit	1886	1873199
Q	497m NW	Sand Pits	1895	1900912
Q	500m NW	Refuse Heap	1886	1950435

This data is sourced from Ordnance Survey / Groundsure.







### **1.2 Historical tanks**

#### **Records within 500m**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
Е	88m E	Unspecified Tank	1988 - 1990	322793
9	147m SE	Unspecified Tank	1988 - 1990	327467
Μ	398m NW	Unspecified Tank	1897	303254

This data is sourced from Ordnance Survey / Groundsure.

## **1.3 Historical energy features**

#### Records within 500m

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
6	61m NE	Electricity Substation	1996	188539
8	124m NW	Electricity Substation	1996	188538
С	130m N	Electricity Substation	1984 - 1990	198037
F	178m N	Electricity Substation	1989	193783
F	179m N	Electricity Substation	1986	193341
F	181m N	Electricity Substation	1996	194486
J	211m NW	Electricity Substation	1984 - 1990	200885
J	214m NW	Gas Governor	1985	191828





3



0

5

ID	Location	Land use	Dates present	Group ID
J	214m NW	Gas Governor	1990	191823
К	318m N	Electricity Substation	1989 - 1996	210773

This data is sourced from Ordnance Survey / Groundsure.

## **1.4 Historical petrol stations**

#### Records within 500m

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

### **1.5 Historical garages**

#### Records within 500m

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

#### Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
В	5m NW	Garage	1996	61219
В	6m NW	Garage	1989	61321
В	7m NW	Garage	1984 - 1986	64916
11	305m NW	Garage	1985 - 1990	64313
14	384m N	Garage	1989	60638

This data is sourced from Ordnance Survey / Groundsure.







0

## **1.6 Historical military land**

#### **Records within 500m**

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

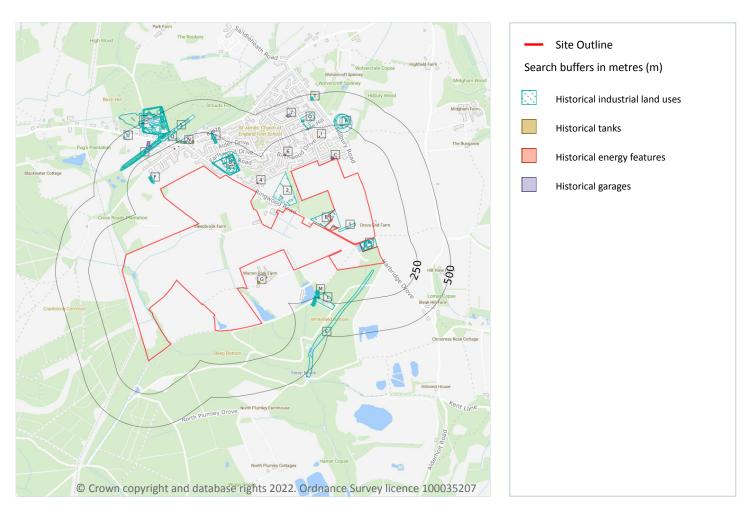
This data is sourced from Ordnance Survey / Groundsure / other sources.







## 2 Past land use - un-grouped



## 2.1 Historical industrial land uses

#### Records within 500m

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 21

ID	Location	Land Use	Date	Group ID
1	On site	Poultry House	1988	1865619
А	On site	Gravel Pit	1900	1954226
А	On site	Rifle Range	1988	1903111







ID	Location	Land Use	Date	Group ID
Α	On site	Rifle Range	1988	1903111
А	On site	Gravel Pit	1911	1949802
Α	On site	Gravel Pit	1895	1926001
В	On site	Nursery	1988	1955040
В	On site	Nursery	1988	1955040
А	0m N	Gravel Pit	1957	1919063
А	2m S	Gravel Pit	1886	1910428
А	3m S	Gravel Pit	1886	1910428
А	4m S	Gravel Pit	1899	1901632
D	11m NE	Brick Works	1886	1914483
D	13m NE	Brick Works	1886	1914483
D	16m NE	Brick Works	1902	1959880
D	16m N	Brick Works	1895	1937467
D	17m N	Brick Works	1888	1915617
D	17m N	Brick Works	1888	1915617
D	18m NE	Brick Works	1908	1959880
D	19m NE	Unspecified Ground Workings	1902	1917249
2	25m NE	Nurseries	1988	1914993
D	31m N	Unspecified Pit	1902	1936072
D	32m NE	Unspecified Pit	1908	1936072
Е	37m S	Mill Ponds	1871	1960106
Е	37m S	Mill Ponds	1871	1960106
D	51m NE	Unspecified Ground Workings	1908	1917249
D	52m N	Sand Pit	1895	1887319
3	53m NE	Nurseries	1988	1951549
F	61m NW	Gravel Pit	1911	1871353
F	66m NW	Old Sand Pit	1886	1912398
D	69m NE	Unspecified Pit	1908	1876543







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Land Use	Date	Group ID
5	73m N	Nurseries	1988	1908574
F	73m NW	Old Sand Pit	1895	1959614
F	74m NW	Old Sand Pit	1899	1893403
D	82m N	Unspecified Kilns	1886	1950077
D	83m N	Unspecified Kilns	1886	1950077
G	88m E	Unspecified Tank	1988	1857384
D	89m N	Unspecified Pit	1957	1965381
D	103m N	Sand Pit	1888	1958051
D	103m N	Sand Pit	1888	1958051
D	110m N	Unspecified Pit	1902	1933438
D	111m N	Unspecified Pit	1908	1933438
J	188m NE	Police Station	1895	1955418
J	189m NE	Police Station	1888	1888995
J	189m NE	Police Station	1888	1888995
J	192m NE	Police Station	1886	1917397
J	193m NE	Police Station	1886	1888995
К	198m N	Sand Pit	1902	1945681
L	202m SW	Gravel Pit	1988	1960789
L	203m SW	Gravel Pit	1988	1960789
Μ	204m SE	Gravel Pit	1886	1886246
Μ	205m SE	Unspecified Ground Workings	1886	1851338
Μ	208m SW	Gravel Pits	1899	1912239
Μ	211m SW	Gravel Pit	1911	1895933
Μ	211m SW	Gravel Pits	1895	1912239
Ν	213m NW	Smithy	1908	1875439
Μ	214m SW	Gravel Pit	1957	1895933
Μ	216m SW	Unspecified Pit	1900	1934171
Ν	217m NW	Smithy	1902	1875438







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Land Use	Date	Group ID
К	222m N	Sand Pit	1957	1955680
К	229m N	Sand Pit	1886	1896636
Μ	232m SE	Old Gravel Pit	1886	1873793
Μ	232m SE	Unspecified Pit	1886	1924525
Μ	235m SW	Unspecified Ground Workings	1911	1943849
Μ	235m SW	Unspecified Ground Workings	1957	1943849
Μ	237m SE	Gravel Pits	1895	1966965
0	243m N	Nursery	1970	1867696
К	246m N	Sand Pit	1908	1927719
Ν	247m NW	Unspecified Ground Workings	1908	1851318
К	252m N	Sand Pit	1886	1957631
Ρ	274m NW	Cuttings	1908	1931810
Р	279m NW	Cuttings	1902	1902154
Р	279m NW	Cuttings	1886	1953226
Ρ	283m NW	Cuttings	1888	1950710
Ρ	283m NW	Cuttings	1888	1950710
Ρ	284m NW	Cuttings	1886	1919294
Ρ	287m NW	Cuttings	1895	1952026
Q	291m NW	Unspecified Kiln	1886	1859754
Q	299m NW	Unspecified Kiln	1886	1859755
Q	300m NW	Railway Sidings	1886	1888363
Q	306m NW	Railway Sidings	1902	1961166
0	306m N	Old Sand Pit	1895	1892841
0	307m N	Old Sand Pit	1888	1892841
0	307m N	Old Sand Pit	1888	1892841
0	314m N	Unspecified Pit	1886	1876542
0	315m N	Old Sand Pit	1886	1892841
S	318m NW	Railway Sidings	1908	1934271







ID	Location	Land Use	Date	Group ID
Q	322m NW	Railway Station	1886	1927594
Q	325m NW	Disused Railway Station	1970	1863441
S	325m NW	Railway Sidings	1902	1934271
Q	327m NW	Railway Station	1908	1930087
Q	328m NW	Railway Station	1888	1908156
Q	328m NW	Railway Station	1888	1908156
Q	328m NW	Railway Station	1902	1930087
Q	328m NW	Railway Station	1957	1921016
Q	328m NW	Railway Station	1886	1906376
S	332m NW	Piggery	1988	1868734
Q	332m NW	Railway Station	1895	1930087
Q	339m NW	Pottery and Brick Works	1902	1965657
Q	339m NW	Pottery and Brick Works	1886	1951918
Q	342m NW	Pottery and Brick Works	1908	1943300
Q	344m NW	Unspecified Kilns	1886	1873698
Q	348m NW	Pottery and Brick Works	1895	1951253
Q	348m NW	Pottery and Brick Works	1886	1885450
Q	349m NW	Pottery and Brick Works	1888	1940164
Q	349m NW	Pottery and Brick Works	1888	1940164
Q	364m NW	Unspecified Kilns	1886	1910612
Q	369m NW	Unspecified Pit	1902	1889822
Q	370m NW	Unspecified Ground Workings	1908	1851319
Q	382m NW	Unspecified Kilns	1886	1896307
Q	387m NW	Unspecified Pit	1902	1876541
Q	388m NW	Unspecified Pit	1957	1917241
Q	388m NW	Unspecified Pit	1970	1917241
Q	389m NW	Unspecified Kilns	1886	1910525
Q	400m NW	Unspecified Tank	1886	1950151







ID	Location	Land Use	Date	Group ID
Q	402m NW	Unspecified Tank	1895	1948274
Q	402m NW	Unspecified Tank	1908	1889052
Q	402m NW	Unspecified Tank	1902	1944918
Q	408m NW	Clay Pit	1886	1862277
Q	423m NW	Refuse Heap	1902	1937952
Q	425m NW	Sand Pit	1886	1889692
Q	433m NW	Unspecified Pit	1957	1929275
Q	433m NW	Unspecified Pit	1970	1929275
Q	433m NW	Refuse Heap	1908	1937952
Q	433m NW	Sand Pits	1895	1961989
Q	438m NW	Sand Pits	1888	1938844
Q	438m NW	Sand Pits	1888	1938844
Q	439m NW	Sand Pit	1886	1889692
Т	454m N	Sand Pit	1888	1905955
Т	454m N	Sand Pit	1888	1905955
Т	455m N	Sand Pit	1895	1910621
U	455m NW	Sand Pits	1908	1864530
Т	460m N	Sand Pit	1886	1912646
Т	464m N	Refuse Heap	1886	1884033
V	472m NW	Unspecified Pit	1908	1885716
U	472m NW	Sand Pits	1908	1864531
W	475m NW	Unspecified Pit	1957	1955307
$\mathbb{W}$	475m NW	Unspecified Pit	1970	1955307
V	478m NW	Unspecified Pit	1902	1940042
Q	490m NW	Sand Pit	1886	1873199
Q	497m NW	Sand Pits	1895	1900912
Q	500m NW	Refuse Heap	1886	1950435

This data is sourced from Ordnance Survey / Groundsure.







### **2.2 Historical tanks**

#### Records within 500m

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

#### Features are displayed on the Past land use - un-grouped map on page 21

ID	Location	Land Use	Date	Group ID
G	88m E	Unspecified Tank	1988	322793
G	88m E	Unspecified Tank	1990	322793
Н	147m SE	Unspecified Tank	1988	327467
Н	147m SE	Unspecified Tank	1990	327467
Q	398m NW	Unspecified Tank	1897	303254

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

#### **Records within 500m**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

#### Features are displayed on the Past land use - un-grouped map on page 21

ID	Location	Land Use	Date	Group ID
4	61m NE	Electricity Substation	1996	188539
6	124m NW	Electricity Substation	1996	188538
D	130m N	Electricity Substation	1984	198037
D	130m N	Electricity Substation	1990	198037
D	131m N	Electricity Substation	1985	198037
I	178m N	Electricity Substation	1989	193783
I	179m N	Electricity Substation	1986	193341
I	181m N	Electricity Substation	1996	194486
Ν	211m NW	Electricity Substation	1985	200885





15



ID	Location	Land Use	Date	Group ID
Ν	211m NW	Electricity Substation	1984	200885
Ν	211m NW	Electricity Substation	1990	200885
Ν	214m NW	Gas Governor	1985	191828
Ν	214m NW	Gas Governor	1990	191823
0	318m N	Electricity Substation	1989	210773
0	320m N	Electricity Substation	1996	210773

This data is sourced from Ordnance Survey / Groundsure.

## **2.4 Historical petrol stations**

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

### **2.5 Historical garages**

#### Records within 500m

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 21

ID	Location	Land Use	Date	Group ID
С	5m NW	Garage	1996	61219
С	6m NW	Garage	1989	61321
С	7m NW	Garage	1984	64916
С	7m NW	Garage	1986	64916
R	305m NW	Garage	1990	64313
R	323m NW	Garage	1985	64313
7	384m N	Garage	1989	60638

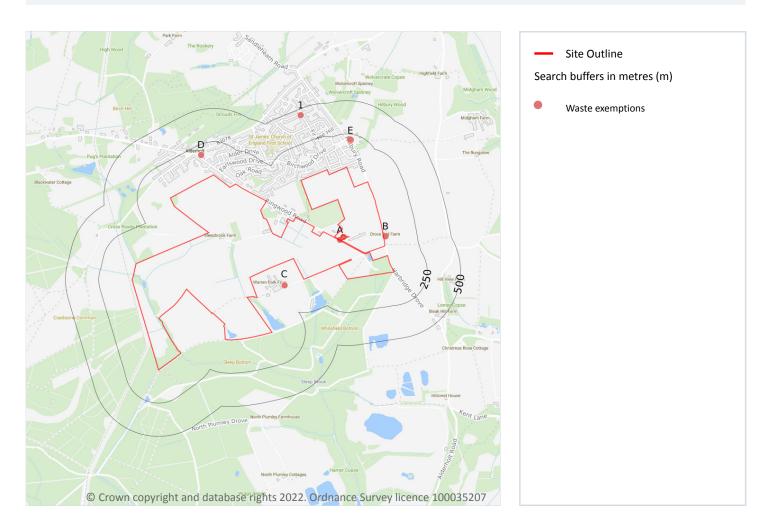
This data is sourced from Ordnance Survey / Groundsure.







# **3** Waste and landfill



## 3.1 Active or recent landfill

#### **Records within 500m**

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

## 3.2 Historical landfill (BGS records)

#### Records within 500m

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.





0



Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

## **3.3 Historical landfill (LA/mapping records)**

#### **Records within 500m**

#### Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

### 3.4 Historical landfill (EA/NRW records)

#### Records within 500m

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

#### 3.5 Historical waste sites

#### Records within 500m

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

### **3.6 Licensed waste sites**

#### **Records within 500m**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

### **3.7 Waste exemptions**

#### Records within 500m

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on page 29





0

0

0

0



ID	Location	Site	Reference	Category	Sub- Category	Description
A	2m NE	Gilgal Oak Tree Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DF	EPR/JH0170W S/A001	Disposing of waste exemption	Agricultura I Waste Only	Deposit of waste from dredging of inland waters
A	2m NE	Gilgal Oak Tree Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DF	EPR/JH0170W S/A001	Disposing of waste exemption	Agricultura I Waste Only	Burning waste in the open
A	2m NE	Gilgal Oak Tree Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DF	EPR/JH0170W S/A001	Using waste exemption	Agricultura I Waste Only	Use of waste in construction
A	2m NE	Gilgal Oak Tree Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DF	EPR/JH0170W S/A001	Using waste exemption	Agricultura I Waste Only	Spreading waste on agricultural land to confer benefit
A	12m SE	OAK TREE FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DF	WEX045619	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	12m SE	OAK TREE FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DF	WEX045619	Disposing of waste exemption	On a farm	Burning waste in the open
A	12m SE	OAK TREE FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DF	WEX045619	Using waste exemption	On a farm	Use of waste in construction
A	12m SE	OAK TREE FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DF	WEX045619	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
В	13m E	HILL VIEW FARM, LOMER LANE, HARBRIDGE, RINGWOOD, SP6 3DD	WEX102359	Using waste exemption	On a farm	Use of waste in construction
В	14m E	Rifle Range, Drove End, Alderholt, SP6 3DD	WEX172513	Using waste exemption	Not on a farm	Use of waste in construction
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Using waste exemption	Agricultura I Waste Only	Burning of waste as a fuel in a small appliance







ID	Location	Site	Reference	Category	Sub- Category	Description
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Disposing of waste exemption	Agricultura I Waste Only	Disposal by incineration
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Disposing of waste exemption	Agricultura I Waste Only	Burning waste in the open
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Storing waste exemption	Agricultura I Waste Only	Storage of waste in secure containers
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Storing waste exemption	Agricultura I Waste Only	Storage of waste in a secure place
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Using waste exemption	Agricultura I Waste Only	Use of waste in construction
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Using waste exemption	Agricultura I Waste Only	Spreading waste on agricultural land to confer benefit
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Using waste exemption	Agricultura I Waste Only	Use of mulch
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Using waste exemption	Agricultura I Waste Only	Spreading of plant matter to confer benefit
С	150m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/JH0476FL /A001	Using waste exemption	Agricultura I Waste Only	Use of baled end-of-life tyres in construction
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Storing waste exemption	On a farm	Storage of waste in a secure place





ID	Location	Site	Reference	Category	Sub- Category	Description
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Using waste exemption	On a farm	Use of waste in construction
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Storing waste exemption	On a farm	Storage of waste in secure containers
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Disposing of waste exemption	On a farm	Disposal by incineration
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX180115	Using waste exemption	On a farm	Use of mulch
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Storing waste exemption	On a farm	Storage of waste in secure containers
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Storing waste exemption	On a farm	Storage of waste in a secure place
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Using waste exemption	On a farm	Use of waste in construction







ID	Location	Site	Reference	Category	Sub- Category	Description
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Using waste exemption	On a farm	Use of mulch
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Using waste exemption	On a farm	Incorporation of ash into soil
С	151m SW	WARREN PARK FARM, RINGWOOD ROAD, ALDERHOLT, FORDINGBRIDGE, SP6 3DE	WEX020429	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
С	153m SW	Warren Park Farm Ringwood Road FORDINGBRIDGE Hampshire SP6 3DE	EPR/ME5080 WL/A001	Using waste exemption	Non- Agricultura I Waste Only	Use of waste in construction
D	176m NW	Oak Tree Farm, Ringwood Road, Alderholt, Fordingbridge, SP6 3DF	WEX196783	Using waste exemption	On a Farm	Use of waste in construction
D	176m NW	Oak Tree Farm, Ringwood Road, Alderholt, Fordingbridge, SP6 3DF	WEX196783	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
D	176m NW	Oak Tree Farm, Ringwood Road, Alderholt, Fordingbridge, SP6 3DF	WEX196783	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
D	176m NW	Oak Tree Farm, Ringwood Road, Alderholt, Fordingbridge, SP6 3DF	WEX196783	Disposing of waste exemption	On a Farm	Burning waste in the open
E	200m N	50, Hillbury Road, Alderholt, Fordingbridge, SP6 3BH	WEX167568	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising







ID	Location	Site	Reference	Category	Sub- Category	Description
E	200m N	50, Hillbury Road, Alderholt, Fordingbridge, SP6 3BH	WEX167568	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
E	200m N	50, Hillbury Road, Alderholt, Fordingbridge, SP6 3BH	WEX167568	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	200m N	50, Hillbury Road, Alderholt, Fordingbridge, SP6 3BH	WEX167568	Disposing of waste exemption	On a farm	Burning waste in the open
Е	200m N	50, Hillbury Road, Alderholt, Fordingbridge, SP6 3BH	WEX167568	Using waste exemption	On a farm	Incorporation of ash into soil
E	200m N	50, Hillbury Road, Alderholt, Fordingbridge, SP6 3BH	WEX167568	Treating waste exemption	On a farm	Screening and blending of waste
E	205m N	50, HILLBURY ROAD, ALDERHOLT, SP6 3BH	WEX102728	Using waste exemption	Not on a farm	Use of waste in construction
E	205m N	50, HILLBURY ROAD, ALDERHOLT, SP6 3BH	WEX086234	Using waste exemption	Not on a farm	Use of waste in construction
E	208m N	50 Hillbury Road Ringwood Hampshire SP6 3BH	EPR/BE5580RY /A001	Using waste exemption	Non- Agricultura I Waste Only	Use of waste in construction
1	453m N	11, HAYTERS WAY, ALDERHOLT, FORDINGBRIDGE, SP6 3AX	WEX149856	Using waste exemption	Not on a farm	Use of waste in construction

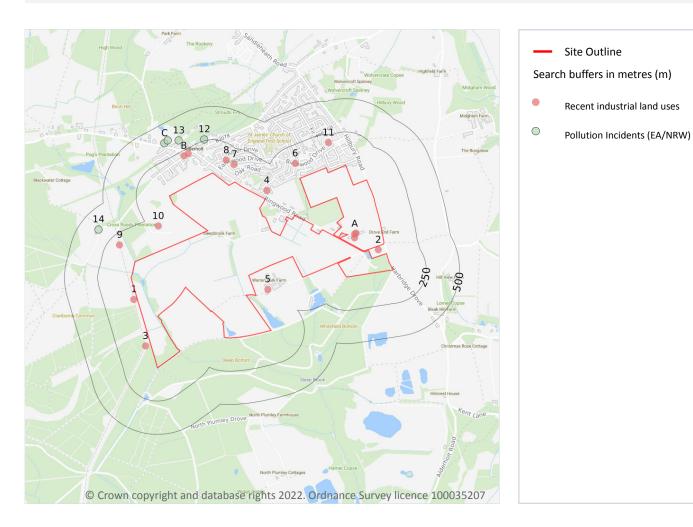
This data is sourced from the Environment Agency and Natural Resources Wales.







# 4 Current industrial land use



### 4.1 Recent industrial land uses

Records within 250m
---------------------

16

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 36

ID	Location	Company	Address	Activity	Category
Α	On site	Silo	Dorset, SP6	Hoppers and Silos	Farming
А	On site	Poultry House	Dorset, SP6	Poultry Farming, Equipment and Supplies	Farming
А	On site	Silo	Dorset, SP6	Hoppers and Silos	Farming







ID	Location	Company	Address	Activity	Category
1	25m W	Pylon	Dorset, SP6	Electrical Features	Infrastructure and Facilities
2	27m S	Rifle Range	Dorset, SP6	Shooting Facilities	Sports Complex
3	41m W	Pylon	Dorset, BH21	Electrical Features	Infrastructure and Facilities
4	62m NE	Electricity Sub Station	Dorset, SP6	Electrical Features	Infrastructure and Facilities
5	98m E	Tank	Dorset, SP6	Tanks (Generic)	Industrial Features
6	118m NW	Electricity Sub Station	Dorset, SP6	Electrical Features	Infrastructure and Facilities
7	133m N	Electricity Sub Station	Dorset, SP6	Electrical Features	Infrastructure and Facilities
8	138m NE	A & T Services	1, Apple Tree Road, Alderholt, Fordingbridge, Dorset, SP6 3EW	Mechanical Engineers	Engineering Services
9	172m NW	Pylon	Dorset, SP6	Electrical Features	Infrastructure and Facilities
10	178m NW	Cross Roads Plantation - Solar Photovoltaic s (DECC)	Cross Roads Plantation, Ringwood Road, Alderholt, Hants, Dorset, SP6 3DF	Energy Production	Industrial Features
11	189m N	Electricity Sub Station	Dorset, SP6	Electrical Features	Infrastructure and Facilities
В	214m NW	Electricity Sub Station	Dorset, SP6	Electrical Features	Infrastructure and Facilities
В	215m NW	Gas Governor Station	Dorset, SP6	Gas Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

# 4.2 Current or recent petrol stations

### Records within 500m

### Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.



Contact us with any questions at: info@groundsure.com 08444 159 000





### 4.3 Electricity cables

# Records within 500m High voltage underground electricity transmission cables. This data is sourced from National Grid. 4.4 Gas pipelines

### **Records within 500m**

### High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

# 4.5 Sites determined as Contaminated Land

### **Records within 500m**

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

# 4.6 Control of Major Accident Hazards (COMAH)

### Records within 500m

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

# 4.7 Regulated explosive sites

### Records within 500m

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.





0

0

0

0



### 4.8 Hazardous substance storage/usage

### **Records within 500m**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

### 4.9 Historical licensed industrial activities (IPC)

### **Records within 500m**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.10 Licensed industrial activities (Part A(1))

### Records within 500m

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.11 Licensed pollutant release (Part A(2)/B)

### **Records within 500m**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

### 4.12 Radioactive Substance Authorisations

### **Records within 500m**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.





0

0

0

0



### 4.13 Licensed Discharges to controlled waters

Records within 500m	0			
Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.				
This data is sourced from the Environment Agency and Natural Resources Wales.				
4.14 Pollutant release to surface waters (Red List)				
Records within 500m	0			
Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.				
This data is sourced from the Environment Agency and Natural Resources Wales.				
4.15 Pollutant release to public sewer				

Records within 500m

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.16 List 1 Dangerous Substances

Records	within	500m

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.17 List 2 Dangerous Substances

### Records within 500m

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.





0

0



5

### 4.18 Pollution Incidents (EA/NRW)

### Records within 500m

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

### Features are displayed on the Current industrial land use map on page 36

ID	Location	Details	
12	260m N	Incident Date: 12/05/2003 Incident Identification: 157793 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
13	333m NW	Incident Date: 24/11/2003 Incident Identification: 203308 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
С	365m NW	Incident Date: 04/07/2003 Incident Identification: 172740 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
14	366m NW	Incident Date: 26/02/2003 Incident Identification: 139632 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
С	372m NW	Incident Date: 23/02/2002 Incident Identification: 60158 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

### 4.19 Pollution inventory substances

Records	within	500m
---------	--------	------

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.







0

0

### 4.20 Pollution inventory waste transfers

### **Records within 500m**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

### 4.21 Pollution inventory radioactive waste

### Records within 500m

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

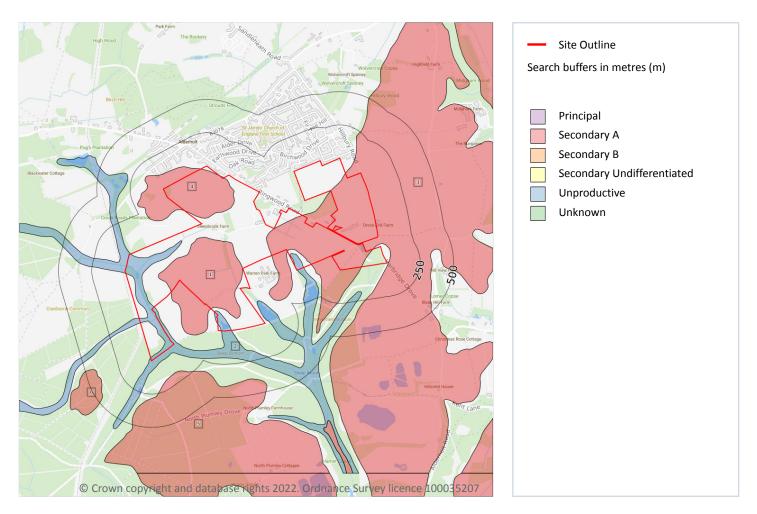
This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.







# 5 Hydrogeology - Superficial aquifer



### **5.1 Superficial aquifer**

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 43

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow







ID	Location	Designation	Description
3	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	176m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
6	402m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

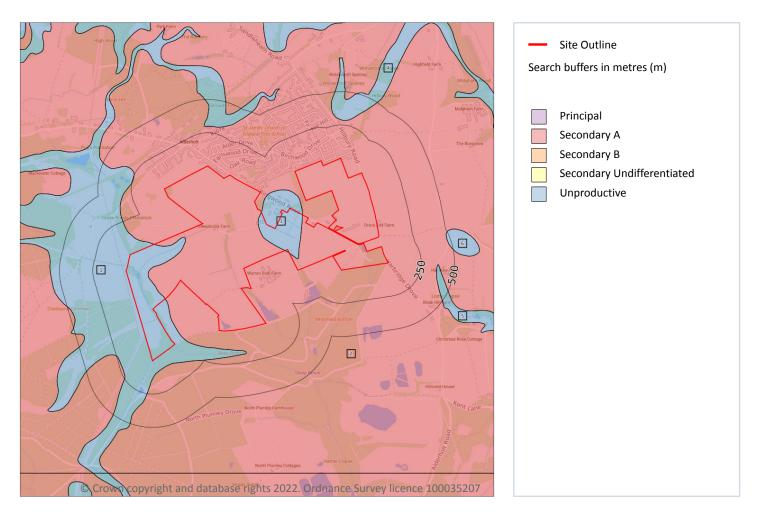
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.







# **Bedrock aquifer**



# 5.2 Bedrock aquifer

### Records within 500m

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 45

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers







ID	Location	Designation	Description
3	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	284m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	370m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	475m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

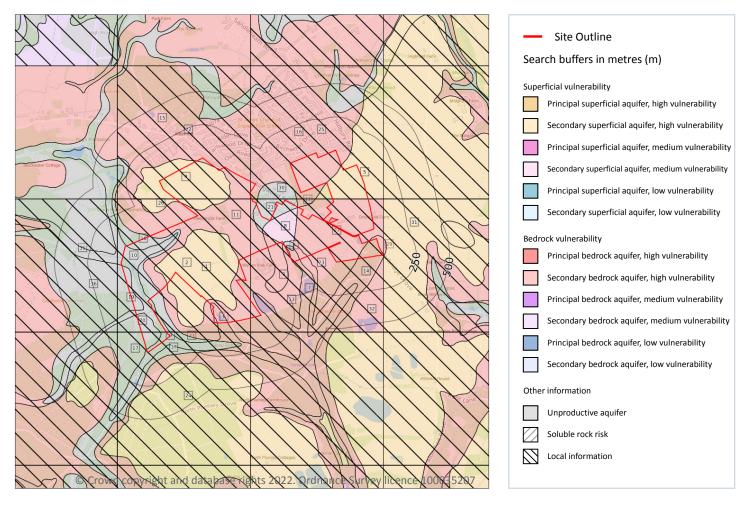
This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.







# **Groundwater vulnerability**



## 5.3 Groundwater vulnerability

### **Records within 50m**

32

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium Intermediate between high and low vulnerability.
- Low Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on page 47







ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
7	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures







1DLocationSummarySoil / surfaceSuperficial geologyBedrock geology8On siteSummary Classification: Secondary superficial Quifer-bility: Combined classification: Unproductive Bedrock Aquifer, Productive Superficial AquiferLeaching class: Infirmediate Infirmation value: 300- S0mm/yearVulnerability: Mulerability: Unproductive Bedrage potential: No DataVulnerability: Unproductive Aquifer, productive Aquifer, productive Aquifer (productive aquifer New Patchiness value: 300- S0mm/yearVulnerability: Unproductive Aquifer (productive Aquifer (productive Aquifer (productive S0mm/yearVulnerability: Unproductive Aquifer (productive Aquifer (productive S0mm/yearVulnerability: Unproductive Aquifer (productive Aquifer (productive S0mm/yearVulnerability: Unproductive Aquifer (productive Aquifer (productive S0mm/yearVulnerability: Unproductive Aquifer (productive Aquifer (productive S0mm/yearVulnerability: Combined classification: S0mm/yearVulnerability: Combined classification: S0mm/yearVulnerability: Combined classification: S0mm/year <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
NumerabilityIntermediate aquifer / Medium Aquifer / Medium (Combined classification: Unproductive Bedrock Aquifer, Productive Bedrock Aquifer, May have productive Bedrock Aquifer, Diproductive Bedrock Aquifer, Disperificial Aquifer, Disperificial Aquifer, Disperificial Aquifer, Disperificial Aquifer, Disperificial Aquifer, Disperificial Aquifer, Disperificial Combined classifi	ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
Unproductive aquifer (may have productive aquifer (may lawe productive aquifer (may Aquifer (uproductive)Infiltration value: >70% Simm/yearUnproductive Aquifer (type: Unproductive Patchiness value: <90% Recharge potential: No DataUnproductive Aquifer (type: Unproductive Flow mechanism: Well connected fractures10On siteSummary Classification: Unproductive equifer (may have productive aquifer (may lawe productive aquifer (may have aproductive aquifer (may ha	8	On site	Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive	Intermediate Infiltration value: 40- 70% Dilution value: 300-	Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No	Unproductive Aquifer type: Unproductive Flow mechanism: Well
Unproductive aquifer (may have productive aguifer (may have superficial Aquifer (may have productive aguifer (may have productive aguifer (may have superficial Aquifer (may have productive aguifer (may have productive aguifer (may have superficial Aquifer (may have productive aguifer (may have superficial Aquifer (may have productive aguifer (may 	9	On site	Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive	Infiltration value: >70% Dilution value: 300-	Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: No	Unproductive Aquifer type: Unproductive Flow mechanism: Well
Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferInfiltration value: >70% Dilution value: 300- 550mm/yearAquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No DataAquifer type: Secondary Flow mechanism: Well connected fractures12On siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer, No SuperficialLeaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- Stomm/yearVulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No DataVulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures13On siteSummary Classification: Secondary bedrock aquifer - High Vulnerability 	10	On site	Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive	Infiltration value: >70% Dilution value: 300-	Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No	Unproductive Aquifer type: Unproductive Flow mechanism: Well
Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferIntermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/yearAquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No DataAquifer type: Secondary Flow mechanism: Well connected fractures13On siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock AquiferLeaching class: Intermediate Infiltration value: 40- Thickness: <3m	11	On site	Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial	Infiltration value: >70% Dilution value: 300-	Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No	Aquifer type: Secondary Flow mechanism: Well
Secondary bedrock aquiferIntermediateAquifer type: -Aquifer type: Secondary- High VulnerabilityInfiltration value: 40-Thickness: <3m	12	On site	Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial	Intermediate Infiltration value: 40- 70% Dilution value: 300-	Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No	Aquifer type: Secondary Flow mechanism: Well
	13	On site	Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial	Intermediate Infiltration value: 40- 70% Dilution value: 300-	Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No	Aquifer type: Secondary Flow mechanism: Well







Location	Summary	Soil / surface	Superficial geology	Bedrock geology
On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
	On site On site On site On site On site On site	On siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferOn siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferOn siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferOn siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferOn siteSummary Classification: Unproductive aquifer (may have productive aq	On siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferLeaching class: Infiltration value: 40- 70% Dilution value: 300- 550mm/yearOn siteSummary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial AquiferLeaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/yearOn siteSummary Classification: Productive Bedrock Aquifer, No Superficial AquiferLeaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/yearOn siteSummary Classification: Productive Bedrock Aquifer, No Superficial AquiferLeaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/yearOn siteSummary Classification: Unproductive aquifer have productive aquifer Improductive aquifer Mave productive aquifer Mave	On site       Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer       Leaching class: Intermediate Infiltration value: 40- 70%       Yulnerability - Aquifer type: - Thickness: <3m







ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
20	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
21	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
26	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
27	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
A	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
A	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures







ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
29	4m E	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
30	8m N	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
31	11m E	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
32	19m SE	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
33	20m NE	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
35	28m W	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures







ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
36	30m W	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
37	39m SE	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

### 5.4 Groundwater vulnerability- soluble rock risk

### **Records on site**

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

### 5.5 Groundwater vulnerability- local information

### **Records on site**

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

ID	Summary	Additional information
2	Increased vulnerability of superficial river deposits	Exposed areas of river terrace deposits
22	Increased vulnerability of superficial river deposits	Exposed areas of river terrace deposits
23	Increased vulnerability of superficial river deposits	Exposed areas of river terrace deposits
24	Increased vulnerability of superficial river deposits	Exposed areas of river terrace deposits
25	Increased vulnerability of superficial river deposits	Exposed areas of river terrace deposits





0



This data is sourced from the British Geological Survey and the Environment Agency.







# **Abstractions and Source Protection Zones**



### Site Outline Search buffers in metres (m) Source Protection Zone 1 Inner catchment Source Protection Zone 2 Outer catchment Source Protection Zone 3 Total catchment Source Protection Zone 4 Zone of Special Interest Source Protection Zone 1c Inner catchment - confined aquifer Source Protection Zone 2c Outer catchment - confined aquifer Source Protection Zone 3c Total catchment - confined aquifer Drinking water abstraction licences Drinking water abstraction licences Polygon features Drinking water abstraction licences Linear features Groundwater abstraction licence (point) Groundwater abstraction licence (area) Groundwater abstraction licence (linear) Surface Water Abstractions (point) Surface Water Abstractions (area) Surface Water Abstractions (linear)

### 5.6 Groundwater abstractions

### **Records within 2000m**

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on page 55







ALDERHOLT, SP6 3DF

Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Details	
A	488m S	Status: Active Licence No: SW/043/0028/006 Details: Dewatering Direct Source: Ground Water - Fresh Point: PARKSTONE SAND MEMBER AT HAMER WARREN QUARRY Data Type: Poly4 Name: CEMEX UK Materials Ltd Easting: 413090 Northing: 111101	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: NPS/NA/00196 Original Start Date: 05/08/2021 Expiry Date: 31/03/2037 Issue No: 1 Version Start Date: 05/08/2021 Version End Date: -
A	488m S	Status: Active Licence No: SW/043/0028/005 Details: Mineral Washing Direct Source: Ground Water - Fresh Point: PARKSTONE SAND MEMBER AT HAMER WARREN QUARRY Data Type: Poly4 Name: CEMEX UK Materials Ltd Easting: 413090 Northing: 111101	Annual Volume (m <sup>3</sup> ): 750,000 Max Daily Volume (m <sup>3</sup> ): 3,000 Original Application No: NPS/NA/000195 Original Start Date: 06/08/2021 Expiry Date: 31/03/2037 Issue No: 1 Version Start Date: 06/08/2021 Version End Date: -
-	1168m E	Status: Historical Licence No: 13/43/028/G/062 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: NORTH END FARM WELL #1 Data Type: Point Name: G & D Dampney Easting: 414100 Northing: 111200	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 01/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1973 Version End Date: -
-	1334m N	Status: Historical Licence No: 13/43/027/G/003 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HILL COPSE WELL POINT 2 Data Type: Point Name: Parsons Easting: 412700 Northing: 113700	Annual Volume (m <sup>3</sup> ): 2273.037 Max Daily Volume (m <sup>3</sup> ): 15.911 Original Application No: - Original Start Date: 01/09/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1966 Version End Date: -
-	1358m S	Status: Active Licence No: SW/043/0028/008 Details: Dewatering Direct Source: Ground Water - Fresh Point: POOLE FORMATION AT BLASHFORD SAND AND GRAVEL Data Type: Point Name: Tarmac Trading Limited Easting: 412372 Northing: 109798	Annual Volume (m <sup>3</sup> ): 87,696 Max Daily Volume (m <sup>3</sup> ): 605 Original Application No: NPS/NA/000711 Original Start Date: 19/08/2021 Expiry Date: 31/03/2037 Issue No: 1 Version Start Date: 19/08/2021 Version End Date: -



Contact us with any questions at: info@groundsure.com 08444 159 000





Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Details	
-	1358m S	Status: Active Licence No: SW/043/0028/008 Details: Mineral Washing Direct Source: Ground Water - Fresh Point: POOLE FORMATION AT BLASHFORD SAND AND GRAVEL Data Type: Point Name: Tarmac Trading Limited Easting: 412372 Northing: 109798	Annual Volume (m <sup>3</sup> ): 87,696 Max Daily Volume (m <sup>3</sup> ): 605 Original Application No: NPS/NA/000711 Original Start Date: 19/08/2021 Expiry Date: 31/03/2037 Issue No: 1 Version Start Date: 19/08/2021 Version End Date: -
-	1434m N	Status: Historical Licence No: 13/43/027/G/003 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HILL FARM WELL POINT 1 Data Type: Point Name: Parsons Easting: 412700 Northing: 113800	Annual Volume (m <sup>3</sup> ): 2273.037 Max Daily Volume (m <sup>3</sup> ): 15.911 Original Application No: - Original Start Date: 01/09/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

### 5.7 Surface water abstractions

### Records within 2000m

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on page 55

ID	Location	Details	
В	638m W	Status: Historical Licence No: 13/43/028/S/118 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: "TRIB OF SLEEP BROOK AT ALDERHOLT, IMPOUNDED RESERVOIR" Data Type: Point Name: Tanner Easting: 410700 Northing: 112300	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 14/10/1980 Expiry Date: - Issue No: 100 Version Start Date: 29/06/1993 Version End Date: -



Contact us with any questions at: info@groundsure.com 08444 159 000





ALDERHOLT, SP6 3DF

Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Details	
В	638m W	Status: Historical Licence No: 13/43/028/S/118 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: TRIB OF SLEEP BROOK AT ALDERHOLT, IMPOUNDED RESERVOIR Data Type: Point Name: The Marquess of Salisbury Easting: 410700 Northing: 112300	Annual Volume (m <sup>3</sup> ): 15000 Max Daily Volume (m <sup>3</sup> ): 455 Original Application No: - Original Start Date: 14/10/1980 Expiry Date: - Issue No: 102 Version Start Date: 14/12/2009 Version End Date: -
-	1629m E	Status: Historical Licence No: 13/43/028/S/110 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: R AVON AT NORTH END FARM Data Type: Point Name: Kane Easting: 414600 Northing: 111300	Annual Volume (m <sup>3</sup> ): 9092.2 Max Daily Volume (m <sup>3</sup> ): 136.4 Original Application No: - Original Start Date: 27/11/1975 Expiry Date: - Issue No: 100 Version Start Date: 15/05/1995 Version End Date: -
-	1750m N	Status: Historical Licence No: 13/43/027/S/115 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT REEVE'S COPSE Data Type: Point Name: Merryweather Estates Ltd Easting: 412400 Northing: 114100	Annual Volume (m <sup>3</sup> ): 988 Max Daily Volume (m <sup>3</sup> ): 19 Original Application No: - Original Start Date: 28/03/1991 Expiry Date: - Issue No: 100 Version Start Date: 28/03/1991 Version End Date: -
-	1839m S	Status: Active Licence No: SW/043/0028/001 Details: Mineral Washing Direct Source: Surface Water - Fresh Point: HAMER BROOK AT PLUMLEY FARM Data Type: Point Name: Tarmac Trading Limited Easting: 412770 Northing: 109420	Annual Volume (m <sup>3</sup> ): 315,360 Max Daily Volume (m <sup>3</sup> ): 6,912 Original Application No: NPS/WR/020813 Original Start Date: 03/06/2010 Expiry Date: 31/03/2025 Issue No: 4 Version Start Date: 26/10/2015 Version End Date: -
-	1892m NE	Status: Active Licence No: 13/43/027/S/114 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT FORDINGBRIDGE POINT A Data Type: Point Name: Purbrick Easting: 413400 Northing: 114100	Annual Volume (m <sup>3</sup> ): 6,588,000 Max Daily Volume (m <sup>3</sup> ): 18,000 Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 102 Version Start Date: 29/01/2007 Version End Date: -





ALDERHOLT, SP6 3DF

Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Details	
-	1951m NE	Status: Active Licence No: 13/43/027/S/114 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT FORDINGBRIDGE POINT C Data Type: Point Name: Purbrick Easting: 413410 Northing: 114160	Annual Volume (m <sup>3</sup> ): 6,588,000 Max Daily Volume (m <sup>3</sup> ): 18,000 Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 102 Version Start Date: 29/01/2007 Version End Date: -
-	1955m NE	Status: Historical Licence No: 13/43/027/S/114 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT FORDINGBRIDGE POINT B Data Type: Point Name: Sims Easting: 413420 Northing: 114160	Annual Volume (m <sup>3</sup> ): 6591024 Max Daily Volume (m <sup>3</sup> ): 18057.6 Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 101 Version Start Date: 08/05/2006 Version End Date: -
-	1967m N	Status: Historical Licence No: 13/43/027/S/114 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT FORDINGBRIDGE POINT A Data Type: Point Name: Roach Easting: 413380 Northing: 114190	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 100 Version Start Date: 25/03/1991 Version End Date: -
-	1969m NE	Status: Active Licence No: 13/43/027/S/114 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT FORDINGBRIDGE POINT B Data Type: Point Name: Purbrick Easting: 413410 Northing: 114180	Annual Volume (m <sup>3</sup> ): 6,588,000 Max Daily Volume (m <sup>3</sup> ): 18,000 Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 102 Version Start Date: 29/01/2007 Version End Date: -
-	1973m NE	Status: Historical Licence No: 13/43/027/S/114 Details: Fish Farm/Cress Pond Throughflow Direct Source: Surface Water - Fresh Point: ASHFORD WATER AT FORDINGBRIDGE POINT C Data Type: Point Name: Sims Easting: 413420 Northing: 114180	Annual Volume (m <sup>3</sup> ): 6591024 Max Daily Volume (m <sup>3</sup> ): 18057.6 Original Application No: - Original Start Date: 25/03/1991 Expiry Date: - Issue No: 101 Version Start Date: 08/05/2006 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.







### **5.8 Potable abstractions**

### **Records within 2000m**

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

### **5.9 Source Protection Zones**

**Records within 500m** 

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

### **5.10 Source Protection Zones (confined aquifer)**

### Records within 500m

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



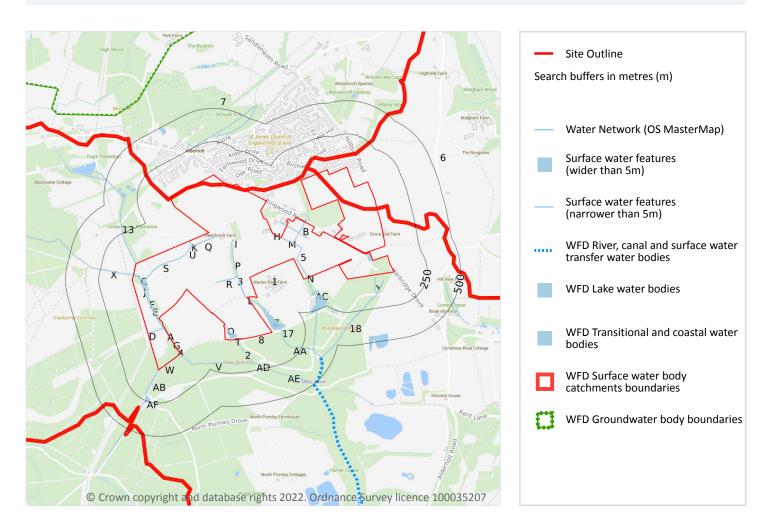


0

0



# **6 Hydrology**



### 6.1 Water Network (OS MasterMap)

### **Records within 250m**

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on page 61

ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-







ID	Location	Type of water feature	Ground level	Permanence	Name
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Sleep Brook
5	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Sleep Brook
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-







ID         Location         Type of water feature         Ground level         Permanence         Name           D         0n site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influenced by normal         On ground surface         Watercourse contains water year round (in normal circumstances)         -           D         On site         Inland river not influen						
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)EOn siteInland river not influenced by normal tidal action.On ground	ID	Location	Type of water feature	Ground level	Permanence	Name
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-F <td< td=""><td>D</td><td>On site</td><td>-</td><td>On ground surface</td><td>water year round (in</td><td>-</td></td<>	D	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookFOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)- </td <td>D</td> <td>On site</td> <td></td> <td>On ground surface</td> <td>water year round (in</td> <td>-</td>	D	On site		On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)- </td <td>D</td> <td>On site</td> <td>-</td> <td>On ground surface</td> <td>water year round (in</td> <td>-</td>	D	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)GOn siteInland river not influenced by normal tidal action.On ground	D	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookFOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances) <t< td=""><td>D</td><td>On site</td><td></td><td>On ground surface</td><td>water year round (in</td><td>-</td></t<>	D	On site		On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)DOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookFOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-GOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)- <td>D</td> <td>On site</td> <td>-</td> <td>On ground surface</td> <td>water year round (in</td> <td>-</td>	D	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookEOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookGOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep Brook	D	On site		On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)EOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)	D	On site		On ground surface	water year round (in	Sleep Brook
tidal action.water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-FOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep Brook	E	On site	-	On ground surface	water year round (in	Sleep Brook
tidal action.water year round (in normal circumstances)FOn siteInland river not influenced by normal tidal action.On ground surface water year round (in normal circumstances)Watercourse contains water year round (in normal circumstances)GOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)	E	On site	-	On ground surface	water year round (in	-
tidal action.       water year round (in normal circumstances)         G       On site       Inland river not influenced by normal tidal action.         On site       Inland river not influenced by normal water year round (in tidal action.	F	On site		On ground surface	water year round (in	-
tidal action. water year round (in	F	On site		On ground surface	water year round (in	-
	G	On site	-	On ground surface	water year round (in	Sleep Brook







ID         Location         Type of water feature         Ground level         Permanence         Name           H         On site         Inland river not influenced by normal itidal action.         On ground surface         Watercourse contains water year round (in normal circumstances)         -           I         On site         Lake, loch or reservoir.         On ground surface         Watercourse contains water year round (in normal circumstances)         -           I         On site         Inland river not influenced by normal itidal action.         Underground         Watercourse contains water year round (in normal circumstances)         -           J         On site         Inland river not influenced by normal itidal action.         On ground surface         Watercourse contains water year round (in normal circumstances)         -           J         On site         Inland river not influenced by normal itidal action.         On ground surface         Watercourse contains water year round (in normal circumstances)         -           J         On site         Inland river not influenced by normal itidal action.         On ground surface         Watercourse contains water year round (in normal circumstances)         -           K         On site         Inland river not influenced by normal itidal action.         On ground surface         Watercourse contains water year round (in normal circumstances)         -           <						
tidal action.water year round (in normal circumstances)IOn siteLake, loch or reservoir.On ground surfaceWatercourse contains water year round (in normal circumstances)IOn siteInland river not influenced by normal tidal action.UndergroundWatercourse contains water year round (in normal circumstances)IOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)KOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains	ID	Location	Type of water feature	Ground level	Permanence	Name
uwater year round (in normal circumstances)IOn siteInland river not influenced by normalUndergroundWatercourse contains water year round (in normal circumstances)IOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)KOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year r	Н	On site		On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)IOn siteInland river not influenced by normal tidal action.On ground surface on ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookJOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookJOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookKOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-KOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-QOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal	I	On site	Lake, loch or reservoir.	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)Sleep BrookJOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)	I	On site	-	Underground	water year round (in	-
tidal action.water year round (in normal circumstances)JOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-KOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-Oon siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-Oon siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-P <td< td=""><td>I</td><td>On site</td><td></td><td>On ground surface</td><td>water year round (in</td><td>-</td></td<>	I	On site		On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)KOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normal tidal action.On ground	J	On site	-	On ground surface	water year round (in	Sleep Brook
tidal action.water year round (in normal circumstances)LOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)-QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)-	J	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)MOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)	К	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)NOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)-QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)-QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)-	L	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)OOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)POn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)QOn siteInland river not influenced by normalOn ground surfaceWatercourse contains water year round (in normal circumstances)	Μ	On site	-	On ground surface	water year round (in	-
tidal action.water year round (in normal circumstances)POn siteInland river not influenced by normal tidal action.On ground surface water year round (in normal circumstances)QOn siteInland river not influenced by normal tidal action.On ground surfaceWatercourse contains water year round (in normal circumstances)	N	On site	-	On ground surface	water year round (in	-
tidal action.     water year round (in normal circumstances)       Q     On site     Inland river not influenced by normal     On ground surface     Watercourse contains     -	0	On site	-	On ground surface	water year round (in	-
	Ρ	On site	-	On ground surface	water year round (in	-
normal circumstances)	~	On site	Inland river not influenced by normal	On ground surface	Watercourse contains	-







ID	Location	Type of water feature	Ground level	Permanence	Name
R	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
т	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Т	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Т	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
13	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Х	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	2m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	3m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Sleep Brook
Y	5m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	44m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-







ID	Location	Type of water feature	Ground level	Permanence	Name
Z	45m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	67m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	75m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	109m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AB	109m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	116m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	120m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	126m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	126m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	143m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	194m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Sleep Brook
AD	205m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Sleep Brook
AE	206m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Sleep Brook







ID	Location	Type of water feature	Ground level	Permanence	Name
AC	207m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	207m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	233m SW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

# **6.2 Surface water features**

Records within 250m	16
Construction of the second delay of the second se	

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

### Features are displayed on the Hydrology map on page 61

This data is sourced from the Ordnance Survey.

# 6.3 WFD Surface water body catchments

Records on site	3

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on page 61

ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
6	On site	River	Hampshire Avon (Lower)	GB108043015840	Avon Hampshire	Avon Hampshire
7	On site	River	Ashford Water (Allen River)	GB108043015800	Avon Hampshire	Avon Hampshire
8	On site	River	Sleep Brook	GB108043015730	Avon Hampshire	Avon Hampshire

This data is sourced from the Environment Agency and Natural Resources Wales.







# 6.4 WFD Surface water bodies

### **Records identified**

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on page 61

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
27	414m SE	River	Sleep Brook	<u>GB108043015730</u>	Moderate	Fail	Good	2019
-	1611m E	River	Hampshire Avon (Lower)	<u>GB108043015840</u>	Moderate	Fail	Moderate	2019
-	1751m N	River	Ashford Water (Allen River)	<u>GB108043015800</u>	Moderate	Fail	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

# 6.5 WFD Groundwater bodies

Reco	rds	on	site
NECO	I U S	UII	JILC

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on page 61

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Lower Dorset Stour and Lower Hampshire Avon	<u>GB40802G805800</u>	Poor	Poor	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

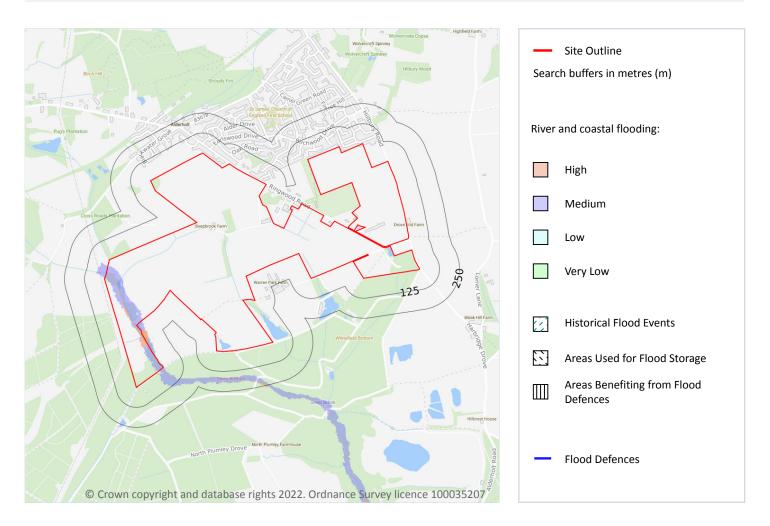




3



# 7 River and coastal flooding



# 7.1 Risk of flooding from rivers and the sea

### **Records within 50m**

24

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance). Medium (less than 1 in 30 but greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 0 requal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance), Medium (less than 1 in 200 but greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance), Medium (less than 1 in 200 but greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance), Medium (less than 1 in 200 but greater than or equal to 1 in 30 chance). Or High (greater than or equal to 1 in 30 chance) or High (greater than or equal to 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 but greater than or equal to 1 in 200 chance).

Features are displayed on the River and coastal flooding map on page 69







Distance	Flood risk category
On site	High
0 - 50m	High

This data is sourced from the Environment Agency and Natural Resources Wales.

# 7.2 Historical Flood Events

### Records within 250m

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

# 7.3 Flood Defences

### **Records within 250m**

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

# 7.4 Areas Benefiting from Flood Defences

### **Records within 250m**

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

# 7.5 Flood Storage Areas

#### Records within 250m

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.





0

0

0



# **River and coastal flooding - Flood Zones**



# 7.6 Flood Zone 2

### **Records within 50m**

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on page 69

Location	Туре
On site	Zone 2 - (Fluvial /Tidal Models)

This data is sourced from the Environment Agency and Natural Resources Wales.







1

# 7.7 Flood Zone 3

## Records within 50m

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on page 69

Location	Туре
On site	Zone 3 - (Fluvial Models)

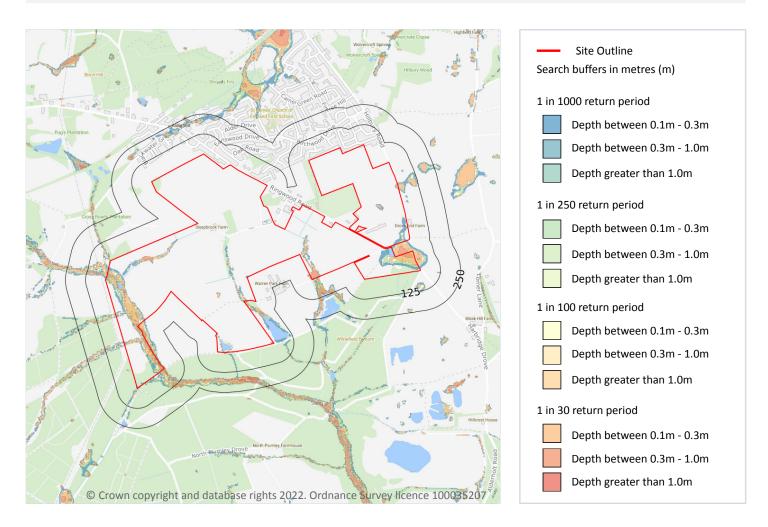
This data is sourced from the Environment Agency and Natural Resources Wales.







# 8 Surface water flooding



# 8.1 Surface water flooding

### Highest risk on site

1 in 30 year, Greater than 1.0m

### Highest risk within 50m

1 in 30 year, Greater than 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

### Features are displayed on the Surface water flooding map on page 73

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.







### The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

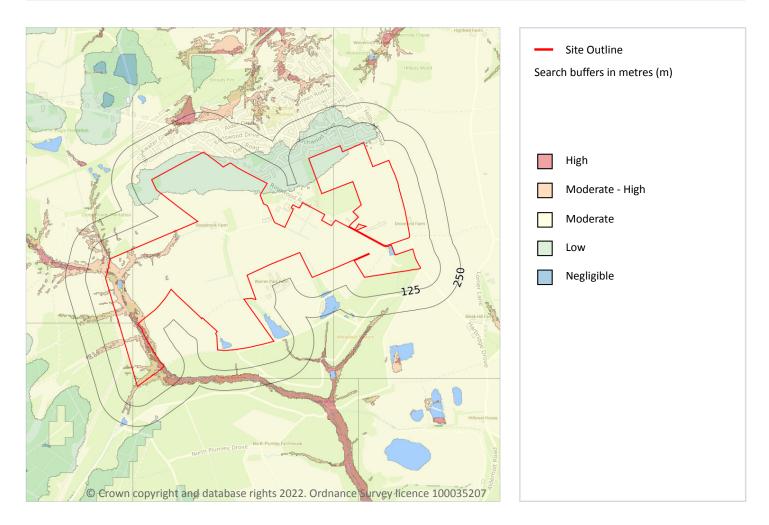
This data is sourced from Ambiental Risk Analytics.







# 9 Groundwater flooding



# 9.1 Groundwater flooding

Highest risk on site	High
Highest risk within 50m	High

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

### Features are displayed on the Groundwater flooding map on page 75

This data is sourced from Ambiental Risk Analytics.

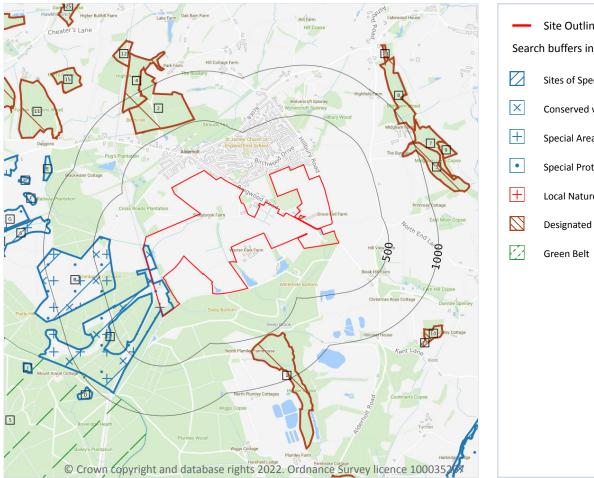


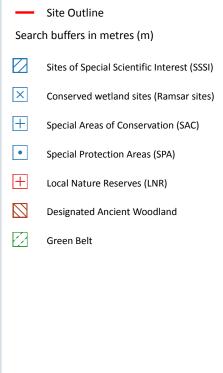




Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# **10** Environmental designations





# 10.1 Sites of Special Scientific Interest (SSSI)

### **Records within 2000m**

14

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were renotified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on page 76

ID	Location	Name	Data source
Α	On site	Cranborne Common	Natural England







ID	Location	Name	Data source
В	338m W	Cranborne Common	Natural England
С	950m W	Cranborne Common	Natural England
D	1042m SW	Cranborne Common	Natural England
Е	1149m NW	Cranborne Common	Natural England
F	1159m W	Cranborne Common	Natural England
G	1181m W	Cranborne Common	Natural England
Н	1291m NW	Cranborne Common	Natural England
I	1409m W	Cranborne Common	Natural England
J	1476m NW	Cranborne Common	Natural England
-	1532m W	Cranborne Common	Natural England
17	1595m E	River Avon System	Natural England
L	1595m E	Avon Valley (Bickton to Christchurch)	Natural England
-	1697m E	River Avon System	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

# 10.2 Conserved wetland sites (Ramsar sites)

Record	s with	nin 20	000m
	5 44101		

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

Features are displayed on the Environmental designations map on page 76





Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Site	Details
A	On site	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.
В	337m W	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.







ID	Location	Site	Details
6	950m W	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.
E	1148m NW	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.







ID	Location	Site	Details
F	1158m W	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.
G	1181m W	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.





ID	Location	Site	Details
Η	1290m NW	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.
J	1475m NW	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.







ID	Location	Site	Details
-	1532m W	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.
-	1583m W	Name: Dorset Heathlands Site status: Listed Data source: Natural England	Overview: Extensive and fragmented, these heathland areas are centred around the estuary of Poole Harbour and are adjacent to the urban conurbation of Bournemouth and Poole. The heathland contains numerous examples of wet heath and acid valley mire, habitats that are restricted to the Atlantic fringe of Europe. These heath wetlands are among the best of their type in lowland Britain. There are also transitions to coastal wetland and fen habitat types. The wetland flora and fauna includes a large assemblage of nationally rare and scarce species, especially invertebrates. Ramsar criteria: Ramsar criterion 1 Contains particularly good examples of (i) northern Atlantic wet heaths with cross-leaved heath Erica tetralix and (ii) acid mire with Rhynchosporion. Contains largest example in Britain of southern Atlantic wet heaths with Dorset heath Erica ciliaris and cross-leaved heath Erica tetralix. Ramsar criterion 2 Supports 1 nationally rare and 13 nationally scarce wetland plant species, and at least 28 nationally rare wetland invertebrate species. Ramsar criterion 3 Has a high species richness and high ecological diversity of wetland habitat types and transitions, and lies in one of the most biologically-rich wetland areas of lowland Britain, being continuous with three other Ramsar sites: Poole Harbour, Avon Valley and The New Forest.







ID	Location	Site	Details
L	1595m E	Name: Avon Valley Site status: Listed Data source: Natural England	Overview: The site encompasses the lower reaches of the River Avon and its floodplain between Bickton and Christchurch. The River Avon displays wide fluctuations in water level and parts of the valley are regularly flooded in winter. The Avon valley has a greater range of habitats and a more diverse flora and fauna than any other chalk river in Britain. The valley includes one of the largest expanses of unimproved floodplain grassland in Britain, including extensive areas managed as hay meadow. Ramsar criteria: Ramsar criterion 1 The site shows a greater range of habitats than any other chalk river in Britain, including fen, mire, lowland wet grassland and small areas of woodland. Ramsar criterion 2 The site supports a diverse assemblage of wetland flora and fauna including several nationally-rare species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

# **10.3 Special Areas of Conservation (SAC)**

Records within 2000m	12
----------------------	----

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

Features are displayed on the Environmental designations map on page 76

ID	Location	Name	Features of interest	Habitat description	Data source
А	On site	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross-leaved heath; Dry heaths; Purple moor-grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
В	338m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England







ID	Location	Name	Features of interest	Habitat description	Data source
С	950m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
D	1042m SW	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
Ε	1149m NW	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
F	1159m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
G	1181m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England







ID	Location	Name	Features of interest	Habitat description	Data source
Н	1291m NW	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
Ι	1409m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
J	1476m NW	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
-	1532m W	Dorset Heaths	Wet heathland with cross-leaved heath; Wet heathland with Dorset heath and cross- leaved heath; Dry heaths; Purple moor- grass meadows; Depressions on peat substrates; Calcium-rich fen dominated by great fen sedge (saw sedge); Calcium-rich springwater-fed fens; Dry oak-dominated woodland; Bog woodland; Great crested newt; Southern damselfly.	Mixed woodland; Dry grassland, Steppes; Coniferous woodland; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana; Bogs, Marshes, Water fringed vegetation, Fens; Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water)	Natural England
18	1595m E	River Avon	Rivers with floating vegetation often dominated by water-crowfoot; Calcium-rich springwater-fed fens; Alder woodland on floodplains; Sea lamprey; Brook lamprey; Atlantic salmon; Bullhead; Desmoulin`s whorl snail; White-clawed (or Atlantic stream) crayfish; Otter.	Bogs, Marshes, Water fringed vegetation, Fens; Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Broad-leaved deciduous woodland	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.







# **10.4 Special Protection Areas (SPA)**

# Records within 2000m 10

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

Features are displayed on the Environmental designations map on page 76

ID	Location	Name	Species of interest	Habitat description	Data source
A	On site	Dorset Heathlan ds	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
В	338m W	Dorset Heathland s	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
С	950m W	Dorset Heathland s	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
D	1042m SW	Dorset Heathland s	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
F	1159m W	Dorset Heathland s	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
G	1181m W	Dorset Heathland S	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England







ID	Location	Name	Species of interest	Habitat description	Data source
I	1409m W	Dorset Heathland s	Heathland nightjar; Wood lark; Dartford Inland water bodies (Standing water, Running		Natural England
J	1476m NW	.476m NW Dorset Hen harrier; Merlin; European Heathland nightjar; Wood lark; Dartford s warbler Heathland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair		Natural England	
-	1532m W	Dorset Heathland s	Hen harrier; Merlin; European nightjar; Wood lark; Dartford warbler	Heath, Scrub, Maquis and Garrigue, Phygrana; Inland water bodies (Standing water, Running water); Coniferous woodland; Broad-leaved deciduous woodland; Bogs, Marshes, Water fringed vegetation, Fens; Dry grassland, Steppes; Coastal sand dunes, Sand beaches, Machair	Natural England
19	1595m E	Avon Valley	Tundra swan; Gadwall	Humid grassland, Mesophile grassland; Inland water bodies (Standing water, Running water); Broad-leaved deciduous woodland	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

# **10.5 National Nature Reserves (NNR)**

### **Records within 2000m**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

# **10.6 Local Nature Reserves (LNR)**

#### Records within 2000m

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



0



# **10.7 Designated Ancient Woodland**

### Records within 2000m

18

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

ID	Location	Name	Woodland Type
1	514m SE	Hamer Copse	Ancient & Semi-Natural Woodland
2	519m N	High Wood	Ancient Replanted Woodland
3	851m E	Midgham Long Copse	Ancient Replanted Woodland
4	884m NW	High Wood	Ancient & Semi-Natural Woodland
7	952m NE	Midgham Long Copse	Ancient & Semi-Natural Woodland
8	952m NE	Midgham Long Copse	Ancient Replanted Woodland
9	1218m E	Midgham Long Copse	Ancient Replanted Woodland
10	1218m SE	Unknown	Ancient & Semi-Natural Woodland
11	1238m NW	Further Daggons Wood	Ancient Replanted Woodland
12	1274m NW	High Wood	Ancient Replanted Woodland
13	1278m SE	Unknown	Ancient & Semi-Natural Woodland
14	1314m NE	Midgham Long Copse	Ancient & Semi-Natural Woodland
15	1371m NW	Harts Copse	Ancient Replanted Woodland
-	1659m N	Perry Copse	Ancient & Semi-Natural Woodland
22	1785m NW	Hither Daggons Wood	Ancient Replanted Woodland
-	1861m N	Andrews Copse	Ancient Replanted Woodland
-	1909m N	Reeves Copse	Ancient & Semi-Natural Woodland
25	1928m NW	Garretts Copse	Ancient Replanted Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.







## **10.8 Biosphere Reserves**

### **Records within 2000m**

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

# **10.9 Forest Parks**

Records within 2000m

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

# **10.10 Marine Conservation Zones**

### **Records within 2000m**

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

# 10.11 Green Belt

Records within 2000m	1	
Areas designated to prevent urban sprawl by keeping land permanently open.		
Features are displayed on the Environmental designations map on page 76		

ID	Location	Name	Local Authority name
5	911m SW	South West Hampshire	Dorset

This data is sourced from the Ministry of Housing, Communities and Local Government.





0

0



## **10.12 Proposed Ramsar sites**

### Records within 2000m

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

# **10.13** Possible Special Areas of Conservation (pSAC)

### **Records within 2000m**

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

# **10.14 Potential Special Protection Areas (pSPA)**

#### Records within 2000m

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

# **10.15 Nitrate Sensitive Areas**

#### **Records within 2000m**

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.





0

0

0



# **10.16 Nitrate Vulnerable Zones**

Records within 2000m	1

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Туре	NVZ ID	Status
1788m W	South Wessex	Groundwater	151	Existing

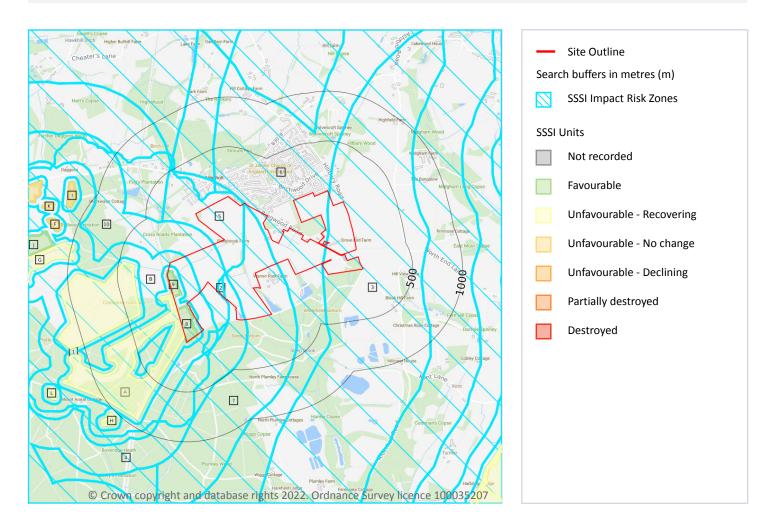
This data is sourced from Natural England and Natural Resources Wales.







# **SSSI Impact Zones and Units**



# **10.17 SSSI Impact Risk Zones**

### **Records on site**

10

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on page 92

ID	Location	Type of developments requiring consultation
1	On site	All applications - All planning applications - except householder applications.







	ID	Location	Type of developments requiring consultation
2		On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments with a total net gain in residential units.
			Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.
			Air pollution - Any development that could cause air pollution (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores).
			Combustion - All general combustion processes. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
			Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management.
			Composting - Any composting proposal. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.
			Discharges - Any discharge of water or liquid waste of more than 20m <sup>3</sup> /day to ground (ie to seep away) or to surface water, such as a beck or stream.
			Water supply - Large infrastructure such as warehousing / industry where net additional gross internal

floorspace is > 1,000m<sup>2</sup> or any development needing its own water supply .







ID	Location	Type of developments requiring consultation
3	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial
		processes, livestock & poultry units with floorspace > 500m <sup>2</sup> , slurry lagoons & digestate stores > 200m <sup>2</sup> , manure stores > 250t). Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste of more than 5m <sup>3</sup> /day to ground (ie to seep away) or to surface water, such as a beck or stream.
		Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal

floorspace following development is 1,000m<sup>2</sup> or more.







	ID Location Type of developments requiring consultation		
	4	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any development that could cause air pollution (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
			Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management.
			Composting - Any composting proposal. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.
			Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.
			Water supply - Large infrastructure such as warehousing / industry where net additional gross internal

floorspace is > 1,000 $m^2$  or any development needing its own water supply .







ID	ID Location Type of developments requiring consultation	
5	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial
		processes, livestock & poultry units with floorspace > 500m <sup>2</sup> , slurry lagoons & digestate stores > 200m <sup>2</sup> , manure stores > 250t). Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
		Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.
		Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.
		Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.
		Water supply - Large infrastructure such as warehousing / industry where net additional gross internal

floorspace is > 1,000 $m^2$  or any development needing its own water supply .







ID	ID Location Type of developments requiring consultation	
6	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha. Residential - Any residential developments with a total net gain in residential units.
		Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.
		Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m <sup>2</sup> , slurry lagoons & digestate stores > 200m <sup>2</sup> , manure stores > 250t).
		Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
		Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.
		Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.
		Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.
		Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal

floorspace following development is 1,000m<sup>2</sup> or more.







ID	Location	Type of developments requiring consultation
7	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments with a total net gain in residential units. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m <sup>2</sup> , slurry lagoons & digestate stores > 200m <sup>2</sup> , manure stores > 250t). Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste of more than 5m <sup>2</sup> /day to ground (ie to seep away) or to surface water, s





ID	Location	Type of developments requiring consultation
10	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Rural residential units. Air pollution - Any development that could cause air pollution (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m <sup>2</sup> or any development needing its own water supply
Α	On site	All applications - All planning applications.







ID		Location	Type of developments requiring consultation
В	3	On site	All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m <sup>2</sup> or footprint exceeds 0.2ha. Residential - Any residential developments with a total net gain in residential units. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any development that could cause air pollution or dust either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharge

This data is sourced from Natural England.

## 10.18 SSSI Units

### **Records within 2000m**

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on page 92

ID:	8
Location:	On site
SSSI name:	Cranborne Common
Unit name:	Stamford Point (2 Areas)
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Favourable
Reportable features:	







Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Not Recorded	01/01/1900
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	9
Location:	On site
SSSI name:	Cranborne Common
Unit name:	Stamford Point (2 Areas)
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Not Recorded	01/01/1900
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	A
Location:	On site
SSSI name:	Cranborne Common
Unit name:	Cranborne Common East
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	02/11/2010
H4030 European dry heaths	Unfavourable - Recovering	02/11/2010
H7150 Depressions on peat substrates of the Rhynchosporion	Unfavourable - Recovering	02/11/2010
Vascular plant assemblage	Unfavourable - Recovering	02/11/2010







ID:	В
Location:	338m W
SSSI name:	Cranborne Common
Unit name:	Cranborne Common
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	04/03/2020
H4030 European dry heaths	Unfavourable - Recovering	04/03/2020
Vascular plant assemblage	Not Recorded	04/03/2020

ID:	G
Location:	950m W
SSSI name:	Cranborne Common
Unit name:	Cranborne Common North
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	01/10/2012
H4030 European dry heaths	Unfavourable - Recovering	01/10/2012
Vascular plant assemblage	Unfavourable - Recovering	01/10/2012

ID:	Н
Location:	1042m SW
SSSI name:	Cranborne Common
Unit name:	Mount Aravat (2 Areas)
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Recovering	22/03/2010
Vascular plant assemblage	Not Recorded	01/01/1900







ID:	I
Location:	1149m NW
SSSI name:	Cranborne Common
Unit name:	Daggons
Broad habitat:	Bogs - Lowland
Condition:	Unfavourable - No change
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - No change	04/02/2021
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Unfavourable - No change	04/02/2021
Lowland mire grassland and rush pasture	Unfavourable - No change	04/02/2021
Lowland wet heath	Unfavourable - No change	03/02/2021
Vascular plant assemblage	Not Recorded	04/02/2021

ID:	F
Location:	1159m W
SSSI name:	Cranborne Common
Unit name:	Daggons
Broad habitat:	Bogs - Lowland
Condition:	Unfavourable - No change
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - No change	04/02/2021
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Unfavourable - No change	04/02/2021
Lowland mire grassland and rush pasture	Unfavourable - No change	04/02/2021
Lowland wet heath	Unfavourable - No change	03/02/2021
Vascular plant assemblage	Not Recorded	04/02/2021

ID:	J
Location:	1181m W
SSSI name:	Cranborne Common
Unit name:	Gotham East
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Favourable
Reportable features:	







Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Not Recorded	01/01/1900
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	К
Location:	1291m NW
SSSI name:	Cranborne Common
Unit name:	Daggons
Broad habitat:	Bogs - Lowland
Condition:	Unfavourable - No change
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - No change	04/02/2021
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Unfavourable - No change	04/02/2021
Lowland mire grassland and rush pasture	Unfavourable - No change	04/02/2021
Lowland wet heath	Unfavourable - No change	03/02/2021
Vascular plant assemblage	Not Recorded	04/02/2021

ID:	L
Location:	1409m W
SSSI name:	Cranborne Common
Unit name:	Mount Aravat (2 Areas)
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4030 European dry heaths	Unfavourable - Recovering	22/03/2010
Vascular plant assemblage	Not Recorded	01/01/1900







-
1468m W
Cranborne Common
Gotham East
Dwarf Shrub Heath - Lowland
Favourable

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Not Recorded	01/01/1900
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	30
Location:	1476m NW
SSSI name:	Cranborne Common
Unit name:	King Barrow
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - No change
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - No change	01/03/2021
H4030 European dry heaths	Unfavourable - Recovering	01/03/2021
Lowland dry heath	Unfavourable - Recovering	01/03/2021
Lowland wet heath	Unfavourable - No change	01/03/2021
Sand lizard, Lacerta agilis	Not Recorded	01/03/2021
Smooth snake, Coronella austriaca	Not Recorded	01/03/2021
Vascular plant assemblage	Not Recorded	01/03/2021

ID: Location: SSSI name: Unit name: Broad habitat: Condition:

1532m W Cranborne Common Gotham Central Dwarf Shrub Heath - Lowland Unfavourable - Recovering







## Reportable features:

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	28/10/2010
H4030 European dry heaths	Unfavourable - Recovering	28/10/2010
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	-
Location:	1584m W
SSSI name:	Cranborne Common
Unit name:	Gotham South
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	27/03/2013
H4030 European dry heaths	Unfavourable - Recovering	27/03/2013
Vascular plant assemblage	Unfavourable - Recovering	27/03/2013

ID:	-
Location:	1595m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Open Running Water - River Avon
Broad habitat:	Rivers And Streams
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
Rivers and Streams	Unfavourable - Recovering	18/06/2012
S1016 Desmoulin's whorl snail, Vertigo moulinsiana	Unfavourable - Recovering	02/04/2013
S1095 Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	02/04/2013
S1096 Brook lamprey, Lampetra planeri	Unfavourable - Recovering	02/04/2013
S1106 Atlantic salmon, Salmo salar	Unfavourable - Recovering	02/04/2013
S1163 Bullhead, Cottus gobio	Unfavourable - Recovering	02/04/2013







ID:	35
Location:	1595m E
SSSI name:	River Avon System
Unit name:	Hampshire Avon Lower (Downstream Fordingbridge)
Broad habitat:	
Condition:	Unfavourable - No change
Reportable features:	

Feature name	Feature condition	Date of assessment
Bullhead, Cottus gobio	-	-
H3260 Water courses of plain to montane levels with R. fluitantis	-	-
Lowland wetland including basin fen, valley fen, floodplain fen, waterfringe fen, spring/flush fen and raised bog lagg	-	-
Rivers and Streams	-	-
S1016 Desmoulin's whorl snail, Vertigo moulinsiana	-	-
S1095 Sea lamprey, Petromyzon marinus	-	-
S1096 Brook lamprey, Lampetra planeri	-	-
S1106 Atlantic salmon, Salmo salar	-	-

ID:	-
Location:	1620m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Bank Opposite Huckleford Meadows
Broad habitat:	Broadleaved, Mixed And Yew Woodland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Favourable	11/09/2012
Otter, Lutra lutra	Favourable	11/09/2012

ID:	-
Location:	1623m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	N Of Knutley Copse
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	







Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Lapwing, Vanellus vanellus	Favourable	26/08/2021
Aggregations of breeding birds - Redshank, Tringa totanus	Favourable	26/08/2021
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	26/08/2021
Aggregations of non-breeding birds - Mute swan, Cygnus olor	Favourable	26/08/2021
Aggregations of non-breeding birds - Wigeon, Anas penelope	Favourable	26/08/2021
Assemblages of breeding birds - Mixed: Lowland damp grassland, Lowland open water	Favourable	26/08/2021
Lowland neutral grassland (MG8)	Favourable	27/02/2012
Otter, Lutra lutra	Favourable	25/08/2021

ID:	-
Location:	1642m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Sw Of Knutley Copse
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Lapwing, Vanellus vanellus	Favourable	06/02/2019
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	19/05/2021
Aggregations of non-breeding birds - Mute swan, Cygnus olor	Favourable	19/05/2021
Aggregations of non-breeding birds - Wigeon, Anas penelope	Favourable	19/05/2021
Assemblages of breeding birds - Mixed: Lowland damp grassland, Lowland open water	Favourable	26/08/2021

ID:	
ID.	-
Location:	1645m V
SSSI name:	Cranbori
Unit name:	Gotham
Broad habitat:	Dwarf Sh
Condition:	Favourat
Reportable features:	

1645m W Cranborne Common Gotham East Dwarf Shrub Heath - Lowland Favourable







Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Not Recorded	01/01/1900
H4030 European dry heaths	Not Recorded	01/01/1900
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Not Recorded	01/01/1900
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	-
Location:	1716m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Island By Keepers Cottage
Broad habitat:	Broadleaved, Mixed And Yew Woodland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Otter, Lutra lutra	Favourable	01/10/2010
Wet woodland	Favourable	07/12/2007

ID:	-
Location:	1716m E
SSSI name:	River Avon System
Unit name:	Island North End Farm
Broad habitat:	Broadleaved, Mixed And Yew Woodland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Wet woodland	Favourable	09/12/2013

ID:	-
Location:	1718m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Bank & Island Opposite Bickton Farm
Broad habitat:	Broadleaved, Mixed And Yew Woodland - Lowland
Condition:	Favourable
Reportable features:	
Reportable features:	







Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Favourable	24/09/2012
Otter, Lutra lutra	Favourable	25/08/2021

-
1729m E
Avon Valley (Bickton to Christchurch)
Bank & Island Opposite Bickton Farm
Broadleaved, Mixed And Yew Woodland - Lowland
Favourable

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Favourable	24/09/2012
Otter, Lutra lutra	Favourable	25/08/2021

ID:	-
Location:	1729m E
SSSI name:	River Avon System
Unit name:	Island South Of Bickton
Broad habitat:	Broadleaved, Mixed And Yew Woodland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Wet woodland	Favourable	09/12/2013

ID:	-
Location:	1729m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Harbridge West Bank
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Favourable	18/05/2011
Invert. assemblage W314 reed-fen & pools	Favourable	18/05/2011





ID:	-
Location:	1738m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Bank S Of Keeper's Cottage
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	26/08/2021
Lowland wet neutral grassland (MG11, MG13)	Favourable	10/09/2012

ID:	-
Location:	1756m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	W Of Knutley Copse
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	
•	

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Lapwing, Vanellus vanellus	Favourable	19/05/2021
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	19/05/2021
Aggregations of non-breeding birds - Mute swan, Cygnus olor	Favourable	19/05/2021
Aggregations of non-breeding birds - Wigeon, Anas penelope	Favourable	19/05/2021
Assemblages of breeding birds - Lowland damp grasslands	Favourable	26/08/2021

ID:	-
Location:	1835m SE
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Opposite Huckles Bridge
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Lapwing, Vanellus vanellus	Favourable	31/01/2012





Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Redshank, Tringa totanus	Favourable	31/01/2012
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	31/01/2012
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	31/01/2012
Aggregations of non-breeding birds - Mute swan, Cygnus olor	Favourable	31/01/2012
Aggregations of non-breeding birds - Wigeon, Anas penelope	Favourable	31/01/2012
Assemblages of breeding birds - Lowland open waters and their margins	Favourable	02/09/2021

ID:	-
Location:	1872m W
SSSI name:	Cranborne Common
Unit name:	Batterley Drove
Broad habitat:	Dwarf Shrub Heath - Lowland
Condition:	Unfavourable - Recovering
Reportable features:	

Feature name	Feature condition	Date of assessment
H4010 Northern Atlantic wet heaths with Erica tetralix	Unfavourable - Recovering	08/07/2005
H4030 European dry heaths	Unfavourable - Recovering	08/07/2005
H6410 Molinia meadows on calcareous, peat or clay-silt soil	Unfavourable - Recovering	08/07/2005
Vascular plant assemblage	Not Recorded	01/01/1900

ID:	-
Location:	1900m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Nw Of Huckles Bridge
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Lapwing, Vanellus vanellus	Favourable	10/07/2012
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	10/07/2012







Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Mute swan, Cygnus olor	Favourable	10/07/2012
Aggregations of non-breeding birds - Wigeon, Anas penelope	Favourable	10/07/2012
Assemblages of breeding birds - Mixed: Lowland damp grassland, Lowland open water	Favourable	26/08/2021

ID:	-
Location:	1917m E
SSSI name:	Avon Valley (Bickton to Christchurch)
Unit name:	Knutley Copse (Field)
Broad habitat:	Neutral Grassland - Lowland
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Redshank, Tringa totanus	Favourable	12/05/2011
Aggregations of breeding birds - Snipe, Gallinago gallinago	Favourable	12/05/2011
Aggregations of non-breeding birds - Black-tailed godwit, Limosa limosa islandica	Favourable	27/02/2012
Aggregations of non-breeding birds - Wigeon, Anas penelope	Favourable	12/05/2011
Assemblages of breeding birds - Lowland damp grasslands	Favourable	26/08/2021
Lowland mire grassland and rush pasture	Favourable	12/05/2011

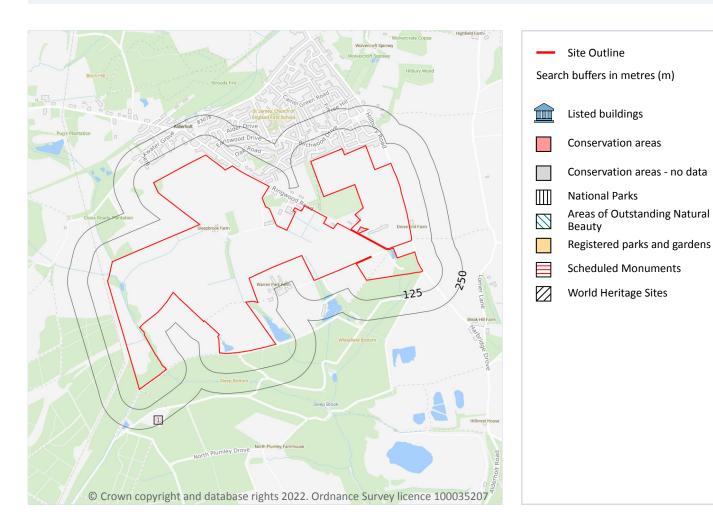
This data is sourced from Natural England and Natural Resources Wales.







# **11 Visual and cultural designations**



# **11.1 World Heritage Sites**

#### **Records within 250m**

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.







## **11.2 Area of Outstanding Natural Beauty**

#### **Records within 250m**

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

## **11.3 National Parks**

#### Records within 250m

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic wellbeing of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

## **11.4 Listed Buildings**

#### **Records within 250m**

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

# **11.5 Conservation Areas**

#### Records within 250m

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.



Contact us with any questions at: info@groundsure.com 08444 159 000



0

0

0



1

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

## **11.6 Scheduled Ancient Monuments**

#### Records within 250m

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

Features are displayed on the Visual and cultural designations map on page 114

ID	Location	Ancient monument name	Reference number
1	209m SE	Bowl barrow in Plumley Wood, 630m east of decoy pond, on Cranborne Common	1018759

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

## **11.7 Registered Parks and Gardens**

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

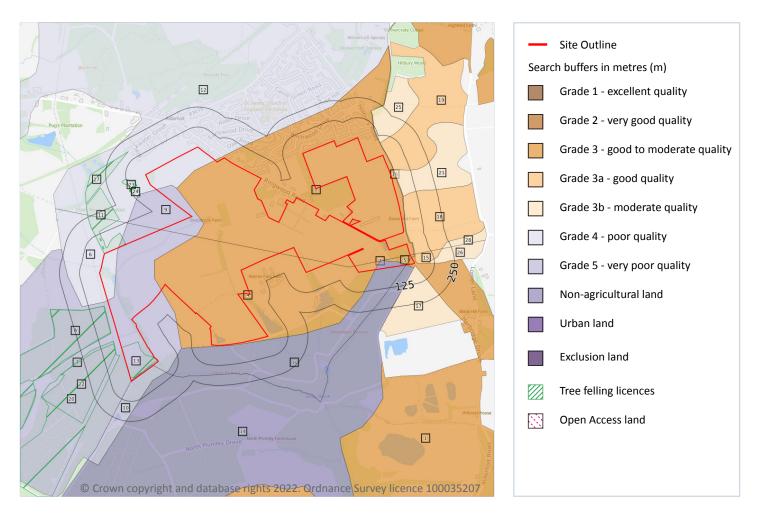
This data is sourced from Historic England, Cadw and Historic Environment Scotland.







# **12** Agricultural designations



# **12.1 Agricultural Land Classification**

#### Records within 250m

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on page 117

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.







ID	Location	Classification	Description
2	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
3	On site	Non Agricultural	-
4	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
5	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
6	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
7	On site	Grade 5	Very poor quality agricultural land. Land with very severe limitations which restrict use to permanent pasture or rough grazing, except for occasional pioneer forage crops.
8	On site	Non Agricultural	-
9	On site	Grade 5	Very poor quality agricultural land. Land with very severe limitations which restrict use to permanent pasture or rough grazing, except for occasional pioneer forage crops.
10	On site	Grade 5	Very poor quality agricultural land. Land with very severe limitations which restrict use to permanent pasture or rough grazing, except for occasional pioneer forage crops.
12	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
14	0m S	Non Agricultural	-
15	10m NE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
16	11m E	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in







ID	Location	Classification	Description
17	14m SE	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
18	17m E	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
19	23m NE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
21	28m E	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
25	80m N	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
26	90m E	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
28	193m NE	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.

This data is sourced from Natural England.

# 12.2 Open Access Land

#### **Records within 250m**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.







30/11/2015

22/04/2003

14/09/2016

19/07/2013

14/09/2016

## **12.3 Tree Felling Licences**

#### Records within 250m

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

018/278/15-16

018/229/02-03

018/180/16-17

018/20/13-14

018/180/16-17

ID	Location	Description	Reference	Application date
11	On site	Selective Fell/Thin (Unconditional)	018/180/16-17	14/09/2016
13	On site	Clear Fell (Unconditional)	018/88/02-03	08/10/2002
20	24m W	Selective Fell/Thin (Conditional)	018/278/15-16	30/11/2015
А	30m W	Selective Fell/Thin (Unconditional)	018/229/02-03	22/04/2003

Features are displayed on the Agricultural designations map on page 117

This data	is sourced	from the	Forestry	Commission

# **12.4 Environmental Stewardship Schemes**

Clear Fell (Conditional)

Selective Fell/Thin (Conditional)

Selective Fell/Thin (Unconditional)

Selective Fell/Thin (Unconditional)

Selective Fell/Thin (Unconditional)

#### Records within 250m

33m W

41m W

78m SW

79m SW

175m NW

А

22

23

24

27

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

Location	Reference	Scheme	Start Date	End date
On site	AG00370463	Higher Level Stewardship	01/03/2012	28/02/2022
27m NE	AG00263951	Entry Level plus Higher Level Stewardship	01/08/2008	31/07/2018

This data is sourced from Natural England.





9



## **12.5 Countryside Stewardship Schemes**

Records within 250	)m	2

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	300180	Countryside Stewardship (Higher Tier)	01/01/2017	31/12/2021
48m W	1056224	Countryside Stewardship (Higher Tier)	01/01/2021	31/12/2030

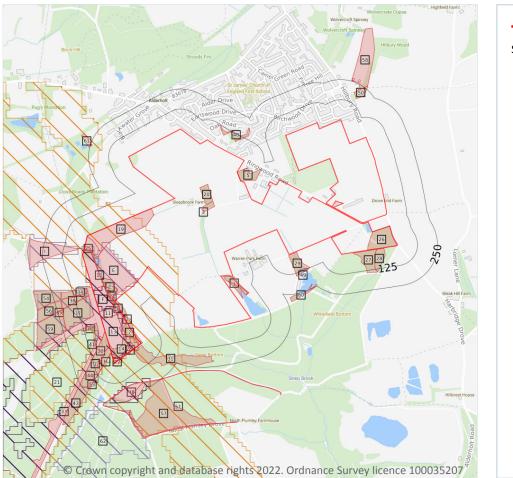
This data is sourced from Natural England.







# **13 Habitat designations**



# Site Outline Search buffers in metres (m) Priority Habitat Inventory Open Mosaic Habitat Limestone Pavement Orders Habitat Networks Primary Habitat Restorable Habitats Associated Habitats Habitat Restoration-Creation Network Enhancement Zone 1 Network Enhancement Zone 2

# **13.1 Priority Habitat Inventory**

#### Records within 250m

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on page 122

ID	Location	Main Habitat	Other habitats
1	On site	No main habitat but additional habitats present	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)







ID	Location	Main Habitat	Other habitats
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%); GQSIG (FEP + HLS)
7	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LHEAT (FEP + HLS)
8	On site	Deciduous woodland	Main habitat: LFENS (INV > 50%); DWOOD (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
9	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
10	On site	Good quality semi-improved grassland	Main habitat: GQSIG (FEP + HLS); Additional: DWOOD (FEP 50%)
11	On site	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1); LDAGR (FEP + HLS); Additional: PMGRP (ENSIS L2)
12	On site	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
13	On site	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
14	On site	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
15	On site	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
16	On site	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
17	On site	Lowland heathland	Main habitat: LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
18	On site	No main habitat but additional habitats present	Additional: GQSIG (FEP 50%)
19	On site	No main habitat but additional habitats present	Additional: GQSIG (FEP 50%)
20	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
Α	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
В	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
С	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%); GQSIG (FEP + HLS)
С	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%); GQSIG (FEP + HLS)







ID	Location	Main Habitat	Other habitats
D	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LHEAT (FEP + HLS)
D	On site	Lowland heathland	Main habitat: LHEAT (FEP + HLS)
Ε	On site	Good quality semi-improved grassland	Main habitat: GQSIG (FEP + HLS); Additional: DWOOD (FEP 50%)
F	On site	Lowland dry acid grassland	Main habitat: LDAGR (FEP + HLS)
G	On site	Lowland heathland	Main habitat: LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: PMGRP (ENSIS L2)
Н	On site	No main habitat but additional habitats present	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
Н	0m W	Lowland fens	Main habitat: LFENS (INV > 50%); DWOOD (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
I	0m W	No main habitat but additional habitats present	Additional: LDAGR (FEP 50%)
27	3m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
28	3m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
29	5m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
J	5m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
J	6m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
31	10m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
32	16m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
33	24m W	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
34	33m W	No main habitat but additional habitats present	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
36	35m W	No main habitat but additional habitats present	Additional: LHEAT (FEP 50%)
37	35m W	No main habitat but additional habitats present	Additional: LFENS (INV 50%); LHEAT (FEP 50%)
К	37m W	No main habitat but additional habitats present	Main habitat: LFENS (INV > 50%)
40	78m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
42	88m W	No main habitat but additional habitats present	Additional: LHEAT (FEP 50%)







ID	Location	Main Habitat	Other habitats
43	97m SW	Lowland fens	Main habitat: LFENS (INV > 50%); LHEAT (ENSIS L1, FEP + HLS); UHEAT (ENSIS L1); Additional: LRBOG (ENSIS L2)
46	116m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
49	144m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
50	163m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
51	165m SE	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
52	168m SE	Lowland heathland	Main habitat: LHEAT (INV > 50%)
54	197m W	No main habitat but additional habitats present	Additional: LHEAT (FEP 50%)
55	204m SE	Lowland heathland	Main habitat: LHEAT (INV > 50%)
56	212m W	No main habitat but additional habitats present	Additional: LHEAT (FEP 50%)
57	217m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
58	217m NE	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
59	220m W	No main habitat but additional habitats present	Additional: LHEAT (FEP 50%)
60	226m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
61	238m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

# 13.2 Habitat Networks

Records within 250m	26

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

#### Features are displayed on the Habitat designations map on page 122

ID	Location	Туре	Habitat
21	On site	Primary Habitat	Lowland fens
22	On site	Primary Habitat	Lowland heathland
23	On site	Primary Habitat	Lowland heathland





ALDERHOLT, SP6 3DF

Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

ID	Location	Туре	Habitat
24	On site	Restorable Habitat	Not specified
25	On site	Restorable Habitat	Not specified
Α	On site	Primary Habitat	Lowland heathland
В	On site	Primary Habitat	Lowland dry acid grassland
С	On site	Network Enhancement Zone 1	Not specified
С	On site	Network Enhancement Zone 1	Not specified
D	On site	Primary Habitat	Lowland heathland
Е	On site	Restorable Habitat	Not specified
F	On site	Primary Habitat	Lowland dry acid grassland
G	On site	Primary Habitat	Lowland heathland
30	7m W	Habitat Restoration-Creation	Not specified
	29m W	Restorable Habitat	Not specified
35	34m W	Restorable Habitat	Not specified
35 K	34m W 41m W	Restorable Habitat Restorable Habitat	Not specified
К	41m W	Restorable Habitat	Not specified
K 38	41m W 58m W	Restorable Habitat Restorable Habitat	Not specified
K 38 39	41m W 58m W 65m W	Restorable Habitat Restorable Habitat Network Enhancement Zone 1	Not specified Not specified Not specified
K 38 39 41	41m W 58m W 65m W 86m W	Restorable Habitat Restorable Habitat Network Enhancement Zone 1 Restorable Habitat	Not specified Not specified Not specified Not specified
K 38 39 41 44	41m W 58m W 65m W 86m W 104m W	Restorable HabitatRestorable HabitatNetwork Enhancement Zone 1Restorable HabitatHabitat Restoration-Creation	Not specified Not specified Not specified Not specified Not specified
K 38 39 41 44 45	41m W 58m W 65m W 86m W 104m W 113m W	Restorable HabitatRestorable HabitatNetwork Enhancement Zone 1Restorable HabitatHabitat Restoration-CreationRestorable Habitat	Not specified Not specified Not specified Not specified Not specified Not specified
K 38 39 41 44 45 47	41m W 58m W 65m W 86m W 104m W 113m W 123m SW	Restorable HabitatRestorable HabitatNetwork Enhancement Zone 1Restorable HabitatHabitat Restoration-CreationRestorable HabitatPrimary Habitat	Not specified Not specified Not specified Not specified Not specified Lowland fens

This data is sourced from Natural England.







## **13.3 Open Mosaic Habitat**

#### Records within 250m

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

### **13.4 Limestone Pavement Orders**

#### **Records within 250m**

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs

which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

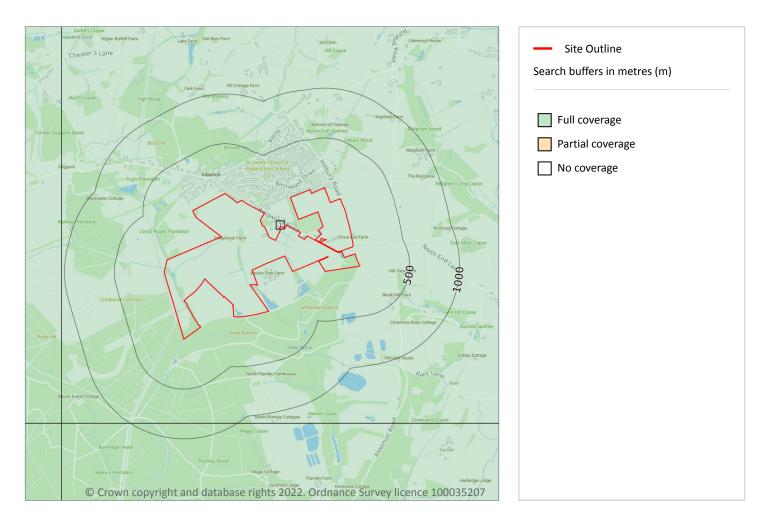




0



# 14 Geology 1:10,000 scale - Availability



# 14.1 10k Availability

#### Records within 500m

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on page 128

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU11SW

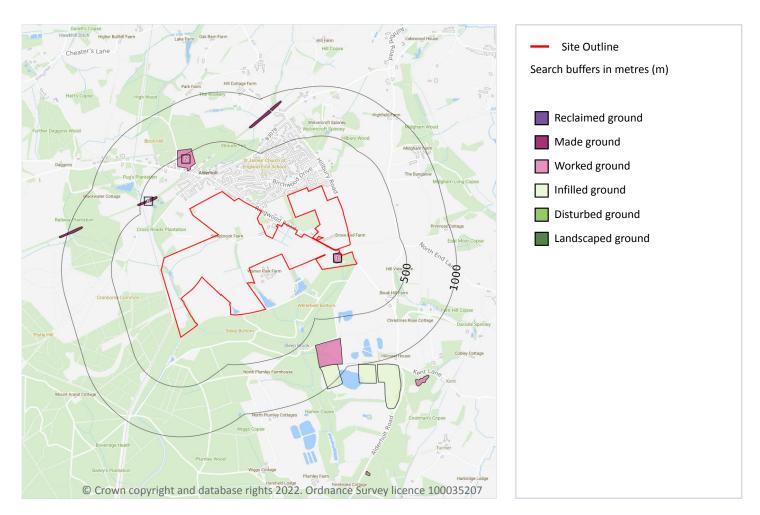
This data is sourced from the British Geological Survey.







# Geology 1:10,000 scale - Artificial and made ground



# 14.2 Artificial and made ground (10k)

#### Records within 500m

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on page 129

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	Worked Ground (Undivided)	Void
2	341m NW	WGR-VOID	Worked Ground (Undivided)	Void
3	345m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

Site Outline

Landslip (10k)

# Geology 1:10,000 scale - Superficial



# **Records within 500m**

14.3 Superficial geology (10k)

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on page 130

ID	Location	LEX Code	Description	Rock description
1	On site	HEAD-CZ	Head - Silty Clay	Clay, Silty
2	On site	RTD6-XSV	River Terrace Deposits, 6 - Sand And Gravel	Sand And Gravel
3	On site	PEAT-P	Peat - Peat	Peat
4	On site	RTD6-XSV	River Terrace Deposits, 6 - Sand And Gravel	Sand And Gravel







ID	Location	LEX Code	Description	Rock description
5	On site	RTD6-XSV	River Terrace Deposits, 6 - Sand And Gravel	Sand And Gravel
6	176m SE	RTD6-XSV	River Terrace Deposits, 6 - Sand And Gravel	Sand And Gravel
7	263m S	RTD7-XSV	River Terrace Deposits, 7 - Sand And Gravel	Sand And Gravel
8	402m W	RTD7-XSV	River Terrace Deposits, 7 - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

# 14.4 Landslip (10k)

**Records within 500m** 

0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.





Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Geology 1:10,000 scale - Bedrock



# 14.5 Bedrock geology (10k)

#### Records within 500m

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on page 132

ID	Location	LEX Code	Description	Rock age
1	On site	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
2	On site	PKS-SANDU	Parkstone Sand Member - Sand	Palaeogene Period
3	On site	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
4	231m W	PKS-SANDU	Parkstone Sand Member - Sand	Palaeogene Period







ID	Location	LEX Code	Description	Rock age
5	285m N	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
6	370m E	BRTC-CLAY	Broadstone Clay Member - Clay	Lutetian Age
7	414m N	BRTS- SANDU	Broadstone Sand Member - Sand	Palaeogene Period
8	476m E	PKC-CLAY	Parkstone Clay Member - Clay	Lutetian Age

This data is sourced from the British Geological Survey.

# 14.6 Bedrock faults and other linear features (10k)

Records within 500m	0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

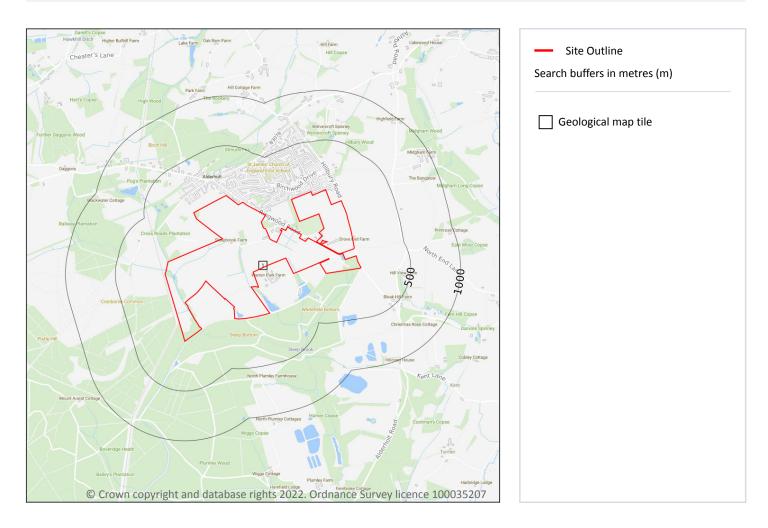
This data is sourced from the British Geological Survey.







# 15 Geology 1:50,000 scale - Availability



## 15.1 50k Availability

#### **Records within 500m**

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on page 134

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW314_ringwood_v4

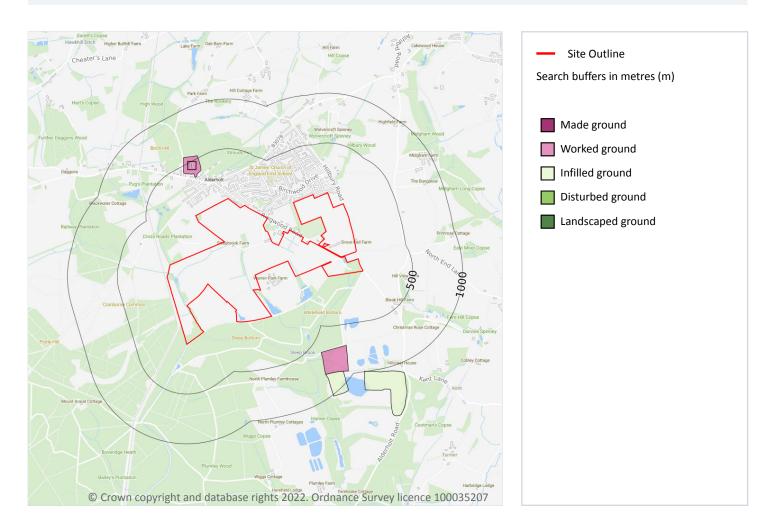
This data is sourced from the British Geological Survey.







# Geology 1:50,000 scale - Artificial and made ground



# 15.2 Artificial and made ground (50k)

#### Records within 500m

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on page 135

ID	Location	LEX Code	Description	Rock description
1	340m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.







0

# 15.3 Artificial ground permeability (50k)

#### **Records within 50m**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.







Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Geology 1:50,000 scale - Superficial



# 15.4 Superficial geology (50k)

#### Records within 500m

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on page 137

ID	Location	LEX Code	Description	Rock description
1	On site	PEAT-P	PEAT	PEAT
2	On site	RTD6-XSV	RIVER TERRACE DEPOSITS, 6	SAND AND GRAVEL
3	On site	HEAD-XCZ	HEAD	CLAY AND SILT
4	On site	RTD6-XSV	RIVER TERRACE DEPOSITS, 6	SAND AND GRAVEL







5

0

ID	Location	LEX Code	Description	Rock description
5	On site	RTD6-XSV	RIVER TERRACE DEPOSITS, 6	SAND AND GRAVEL
6	176m SE	RTD6-XSV	RIVER TERRACE DEPOSITS, 6	SAND AND GRAVEL
7	263m S	RTD7-XSV	RIVER TERRACE DEPOSITS, 7	SAND AND GRAVEL
8	402m W	RTD7-XSV	RIVER TERRACE DEPOSITS, 7	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

# 15.5 Superficial permeability (50k)

#### Records within 50m

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Mixed	Low	Very Low
On site	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

# 15.6 Landslip (50k)

Records within 500m
---------------------

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.







# 15.7 Landslip permeability (50k)

#### Records within 50m

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

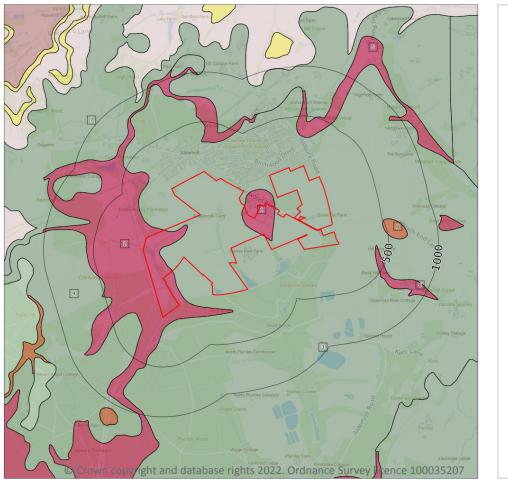






Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# Geology 1:50,000 scale - Bedrock



	Site Outline
· · · · · · · · · · · · · · · · · · ·	Search buffers in metres (m)
l) and l	Bedrock faults and other
Nood	linear features (50k)
	Bedrock geology (50k) Please see table for more details.
Migham Long See	
Primose Cottage	
Sth England 1000-	
Tage Darvole Spinney	
Cobley Cottage	
t Lane Kent	
ing case	
Turmer Harbridge Lodge	
100025207	

# 15.8 Bedrock geology (50k)

#### Records within 500m

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on page 140

ID	Location	LEX Code	Description	Rock age
1	On site	BRTC-CZ	BROADSTONE CLAY MEMBER - CLAY, SILTY	LUTETIAN
2	On site	BRTC-CZ	BROADSTONE CLAY MEMBER - CLAY, SILTY	LUTETIAN
3	On site	PKS-S	PARKSTONE SAND MEMBER - SAND	-
4	231m W	PKS-S	PARKSTONE SAND MEMBER - SAND	-







ID	Location	LEX Code	Description	Rock age
5	284m N	BRTC-CZ	BROADSTONE CLAY MEMBER - CLAY, SILTY	LUTETIAN
6	370m E	BRTC-CZ	BROADSTONE CLAY MEMBER - CLAY, SILTY	LUTETIAN
7	414m N	BRTS-S	BROADSTONE SAND MEMBER - SAND	-
8	475m E	РКС-С	PARKSTONE CLAY MEMBER - CLAY	-

## 15.9 Bedrock permeability (50k)

#### Records within 50m

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Low	Very Low
On site	Intergranular	High	High
On site	Fracture	Low	Very Low

This data is sourced from the British Geological Survey.

# 15.10 Bedrock faults and other linear features (50k)

#### **Records within 500m**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.





0



# **16 Boreholes**



# 16.1 BGS Boreholes

#### Records within 250m

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

#### Features are displayed on the Boreholes map on page 142

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	30m SE	412460 111550	NEAR WARREN PARK FARM	6.5	Ν	<u>400872</u>

This data is sourced from the British Geological Survey.







# 17 Natural ground subsidence - Shrink swell clays



## 17.1 Shrink swell clays

#### Records within 50m

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on page 143

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Low	Ground conditions predominantly medium plasticity.
On site	Moderate	Ground conditions predominantly high plasticity.











# Natural ground subsidence - Running sands



# 17.2 Running sands

#### Records within 50m

3

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on page 145

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.







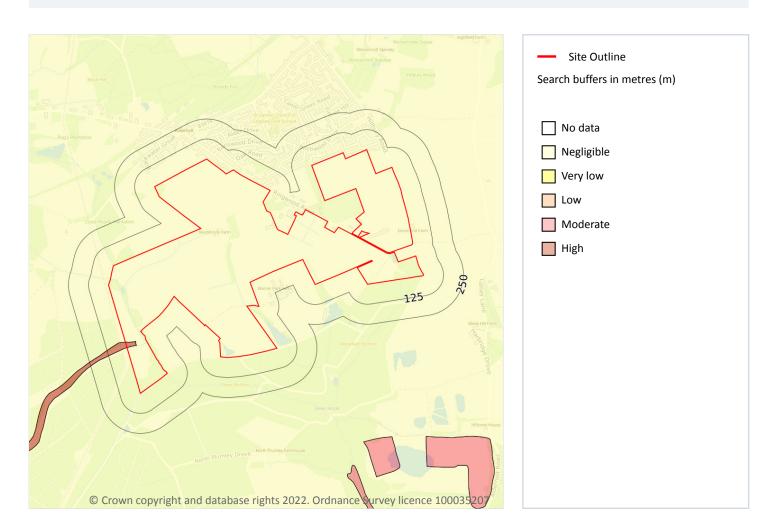
Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.







# Natural ground subsidence - Compressible deposits



# **17.3 Compressible deposits**

#### **Records within 50m**

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on page 147

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	High	Highly compressible strata present. Significant constraint on land use depending on thickness.

This data is sourced from the British Geological Survey.







# Natural ground subsidence - Collapsible deposits



## **17.4 Collapsible deposits**

#### Records within 50m

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on page 148

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.







# Natural ground subsidence - Landslides



# **17.5 Landslides**

#### **Records within 50m**

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on page 149

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.







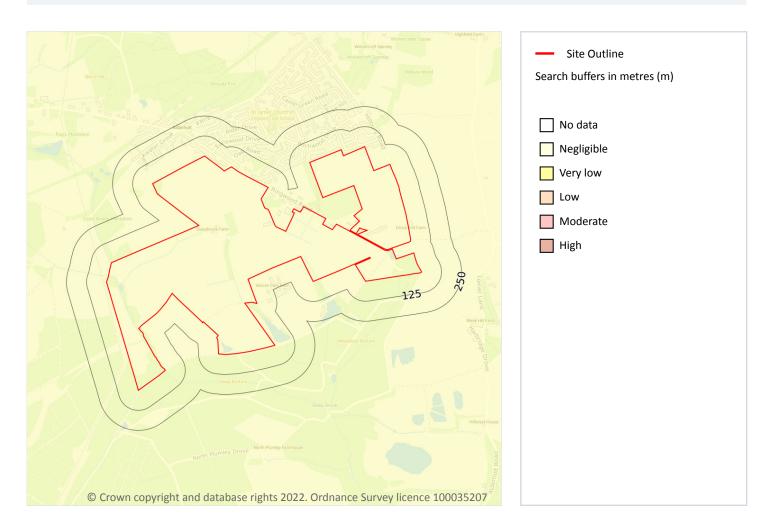
Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.







# Natural ground subsidence - Ground dissolution of soluble rocks



# **17.6 Ground dissolution of soluble rocks**

#### Records within 50m

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page** 151

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.









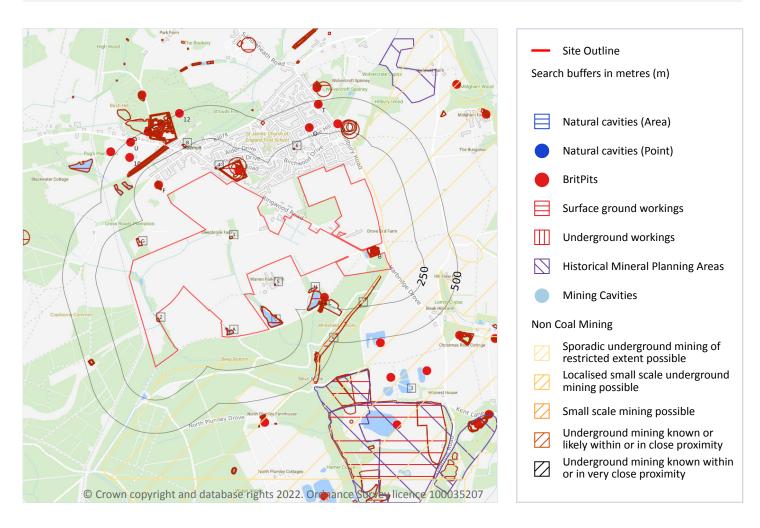




ALDERHOLT, SP6 3DF

Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

# 18 Mining, ground workings and natural cavities



## **18.1 Natural cavities**

#### **Records within 500m**

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.







## **18.2 BritPits**

#### **Records within 500m**

23

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining, ground workings and natural cavities map on page 153

ID	Location	Details	Description
В	34m S	Name: Alderholt Gravel Pit Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
С	90m NE	Name: Pine Road Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
С	90m NE	Name: Pine Road Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	100m NW	Name: Blackwater Grove Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
L	212m SE	Name: Whitefield Bottom Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority







ID	Location	Details	Description
L	235m SE	Name: Whitefield Bottom Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
9	306m N	Name: Fir Tree Hill Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
0	314m N	Name: Fir Tree Hill Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
10	398m NW	Name: Pug's Plantation Sand Pits Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	431m NW	Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	445m NW	Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority





ID	Location	Details	Description
Q	445m NW	Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	445m NW	Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Т	471m N	Name: Bonfire Hill Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
U	483m NW	Name: Pug's Plantation Sand Pits Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	487m NW	Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	487m NW	Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority







ID	Location	Details	Description
Q	487m NW Name: Daggon's Road Pottery & Brick Works Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sandstone Status: Ceased		Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	487m NW	Name: Daggon's Road Pottery & Brick Works Sand Pit Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	487m NW	Name: Daggon's Road Pottery & Brick Works Sand Pit Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	495m NW	Name: Daggon's Road Pottery & Brick Works Sand Pit Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	495m NW	Name: Daggon's Road Pottery & Brick Works Sand Pit Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
12	497m NW	Name: Alderholt Sand Pit Address: Alderholt, WIMBORNE MINSTER, Dorset Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority







# 18.3 Surface ground workings

Records within 250m68	
-----------------------	--

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on page 153

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Pond	1911	1:10560
2	On site	Pond	1911	1:10560
А	On site	Pond	1988	1:10000
А	On site	Pond	1988	1:10000
В	On site	Gravel Pit	1900	1:10560
В	On site	Gravel Pit	1911	1:10560
В	On site	Gravel Pit	1895	1:10560
В	0m N	Gravel Pit	1957	1:10560
В	2m S	Gravel Pit	1886	1:10560
В	3m S	Gravel Pit	1886	1:10560
В	4m S	Gravel Pit	1899	1:10560
С	11m NE	Brick Works	1886	1:10560
С	13m NE	Brick Works	1886	1:10560
С	16m NE	Brick Works	1902	1:10560
С	16m N	Brick Works	1895	1:10560
D	17m NE	Pond	1988	1:10000
D	17m NE	Pond	1970	1:10000
С	17m N	Brick Works	1888	1:10560
С	17m N	Brick Works	1888	1:10560
С	18m NE	Brick Works	1908	1:10560
С	19m NE	Unspecified Ground Workings	1902	1:10560
D	19m NE	Water Body	1988	1:10000
С	31m N	Unspecified Pit	1902	1:10560







ID	Location	Land Use	Year of mapping	Mapping scale
С	32m NE	Unspecified Pit	1908	1:10560
Е	37m S	Mill Ponds	1871	1:10560
Е	37m S	Mill Ponds	1871	1:10560
4	45m NE	Pond	1908	1:10560
С	51m NE	Unspecified Ground Workings	1908	1:10560
С	52m N	Sand Pit	1895	1:10560
F	61m NW	Gravel Pit	1911	1:10560
F	66m NW	Old Sand Pit	1886	1:10560
С	69m NE	Unspecified Pit	1908	1:10560
F	73m NW	Old Sand Pit	1895	1:10560
F	74m NW	Old Sand Pit	1899	1:10560
G	78m NW	Ponds	1957	1:10560
G	78m NW	Ponds	1970	1:10000
С	89m N	Unspecified Pit	1957	1:10560
С	103m N	Sand Pit	1888	1:10560
С	103m N	Sand Pit	1888	1:10560
С	110m N	Unspecified Pit	1902	1:10560
С	111m N	Unspecified Pit	1908	1:10560
Н	116m SE	Pond	1988	1:10000
Н	117m SE	Pond	1988	1:10000
I	144m SE	Pond	1988	1:10000
Ι	144m SE	Water Body	1988	1:10000
Ι	145m SE	Pond	1970	1:10000
5	154m S	Pond	1911	1:10560
J	198m N	Sand Pit	1902	1:10560
К	202m SW	Gravel Pit	1988	1:10000
К	203m SW	Gravel Pit	1988	1:10000
L	204m SE	Gravel Pit	1886	1:10560







ID	Location	Land Use	Year of mapping	Mapping scale
L	205m SE	Unspecified Ground Workings	1886	1:10560
6	205m N	Pond	1908	1:10560
L	208m SW	Gravel Pits	1899	1:10560
L	211m SW	Gravel Pit	1911	1:10560
L	211m SW	Gravel Pits	1895	1:10560
L	214m SW	Gravel Pit	1957	1:10560
L	216m SW	Unspecified Pit	1900	1:10560
J	222m N	Sand Pit	1957	1:10560
7	227m S	Pond	1911	1:10560
J	229m N	Sand Pit	1886	1:10560
L	232m SE	Old Gravel Pit	1886	1:10560
L	232m SE	Unspecified Pit	1886	1:10560
L	235m SW	Unspecified Ground Workings	1911	1:10560
L	235m SW	Unspecified Ground Workings	1957	1:10560
L	237m SE	Gravel Pits	1895	1:10560
J	246m N	Sand Pit	1908	1:10560
8	247m NW	Unspecified Ground Workings	1908	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

# **18.4 Underground workings**

#### **Records within 1000m**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.







### **18.5 Historical Mineral Planning Areas**

#### Records within 500m

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

## 18.6 Non-coal mining

#### **Records within 1000m**

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining, ground workings and natural cavities map on page 153

ID	Location	Name	Commodity	Class	Likelihood
3	On site	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered
21	844m S	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

## **18.7 Mining cavities**

Records within 1000m	0
Industry recognised national database of mining cavities. Degraded mines may result in hazardous su	ihsidence

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.





0



#### **18.8 JPB mining areas**

#### **Records on site**

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

## **18.9 Coal mining**

#### **Records on site**

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

#### 18.10 Brine areas

#### **Records on site**

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

#### 18.11 Gypsum areas

#### **Records on site**

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

#### 18.12 Tin mining

#### **Records on site**

#### Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.





0

0

0

0



## 18.13 Clay mining

#### **Records on site**

Generalised areas that may be affected by kaolin and ball clay extraction.

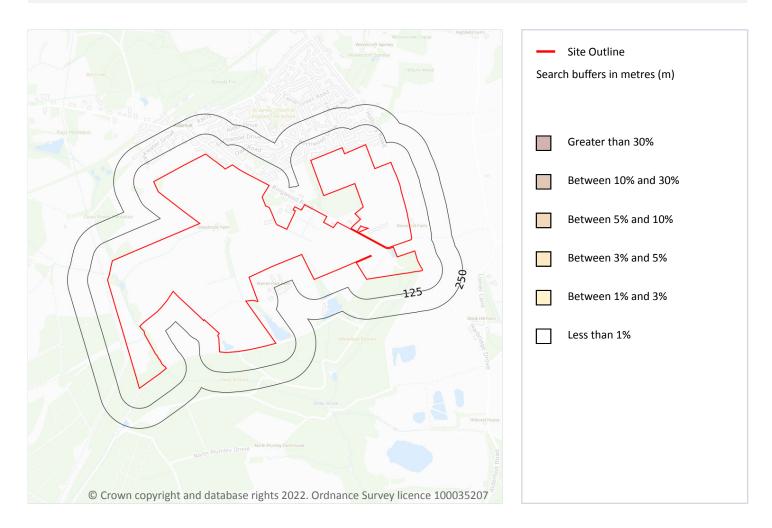
This data is sourced from the Kaolin and Ball Clay Association (UK).







# 19 Radon



# **19.1 Radon**

#### **Records on site**

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on page 164

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None**

This data is sourced from the British Geological Survey and Public Health England.







# 20 Soil chemistry

## 20.1 BGS Estimated Background Soil Chemistry

#### **Records within 50m**

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km<sup>2</sup>. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km<sup>2</sup>; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg







ALDERHOLT, SP6 3DF

Ref: WTM1-8665663 Your ref: WIE19098-100\_PO\_115694 Grid ref: 411920 111726

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg







Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
4m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
4m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
8m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
12m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
21m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
26m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
30m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
33m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
40m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
46m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
48m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 mg/kg
48m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

# 20.2 BGS Estimated Urban Soil Chemistry

#### **Records within 50m**

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km<sup>2</sup>).







This data is sourced from the British Geological Survey.

# 20.3 BGS Measured Urban Soil Chemistry

#### Records within 50m

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.







0

0

0

0

# **21** Railway infrastructure and projects

# 21.1 Underground railways (London)

#### **Records within 250m**

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

# 21.2 Underground railways (Non-London)

#### Records within 250m

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

# 21.3 Railway tunnels

Records within 250m

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

# **21.4 Historical railway and tunnel features**

#### Records within 250m

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

# 21.5 Royal Mail tunnels

#### **Records within 250m**

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.







0

0

0

This data is sourced from Groundsure/the Postal Museum.

## **21.6 Historical railways**

# Records within 250m0Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed<br/>lines.This data is sourced from OpenStreetMap.

# 21.7 Railways

**Records within 250m** 

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. This data is sourced from Ordnance Survey and OpenStreetMap.

# 21.8 Crossrail 1

#### Records within 500m

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

# 21.9 Crossrail 2

#### **Records within 500m**

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

# 21.10 HS2

#### Records within 500m

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.



Contact us with any questions at: info@groundsure.com 08444 159 000





# Data providers

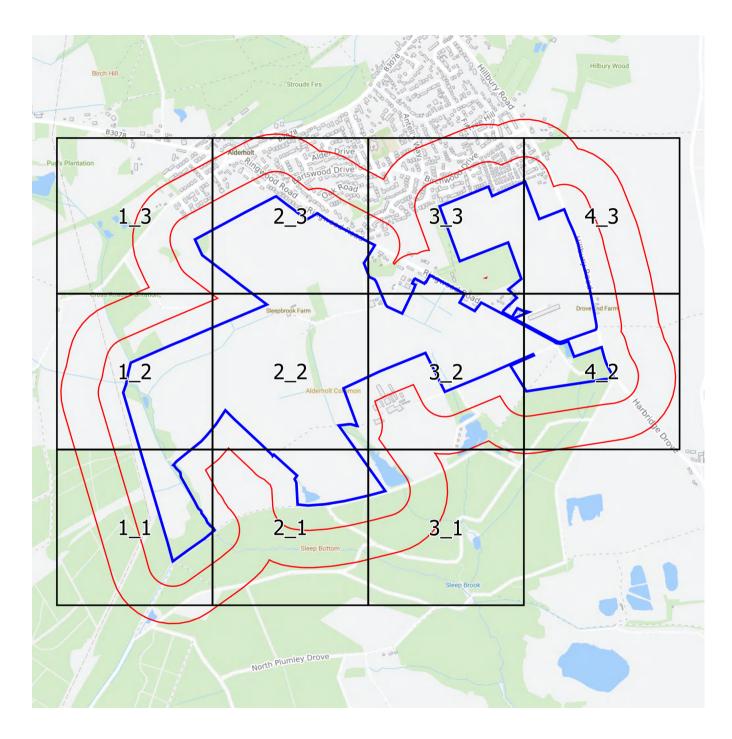
Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <u>https://www.groundsure.com/sources-reference</u>.

# **Terms and conditions**

Groundsure's Terms and Conditions can be accessed at this link: <u>https://www.groundsure.com/terms-and-conditions-jan-2020/</u>.



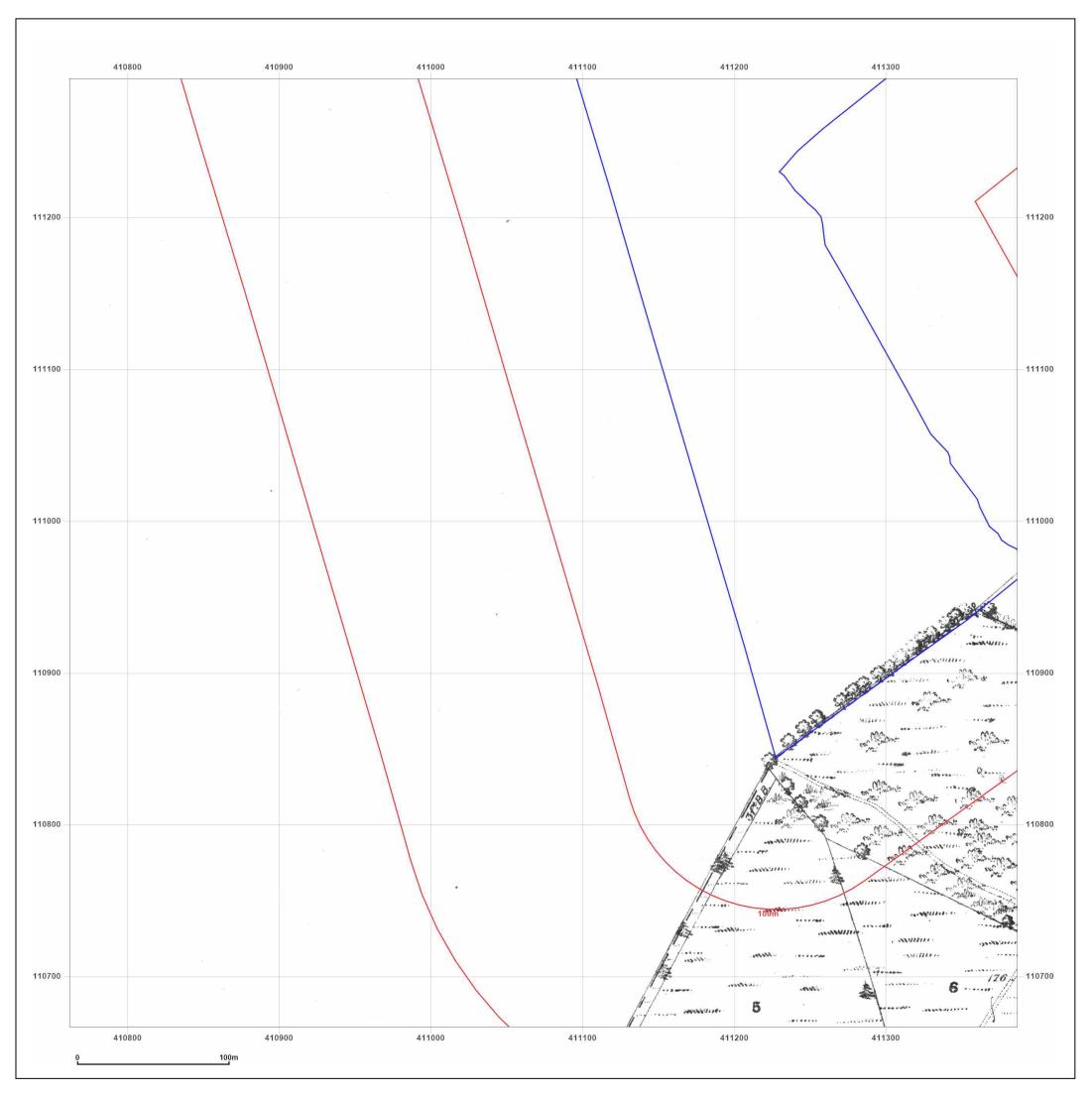






# 1:2,500 Scale Grid Index



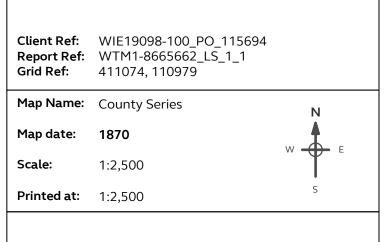


Map legend available at: www.groundsure.com/sites/default/files/groundsure\_legend.pdf



Site Details:

ALDERHOLT, SP6 3DF

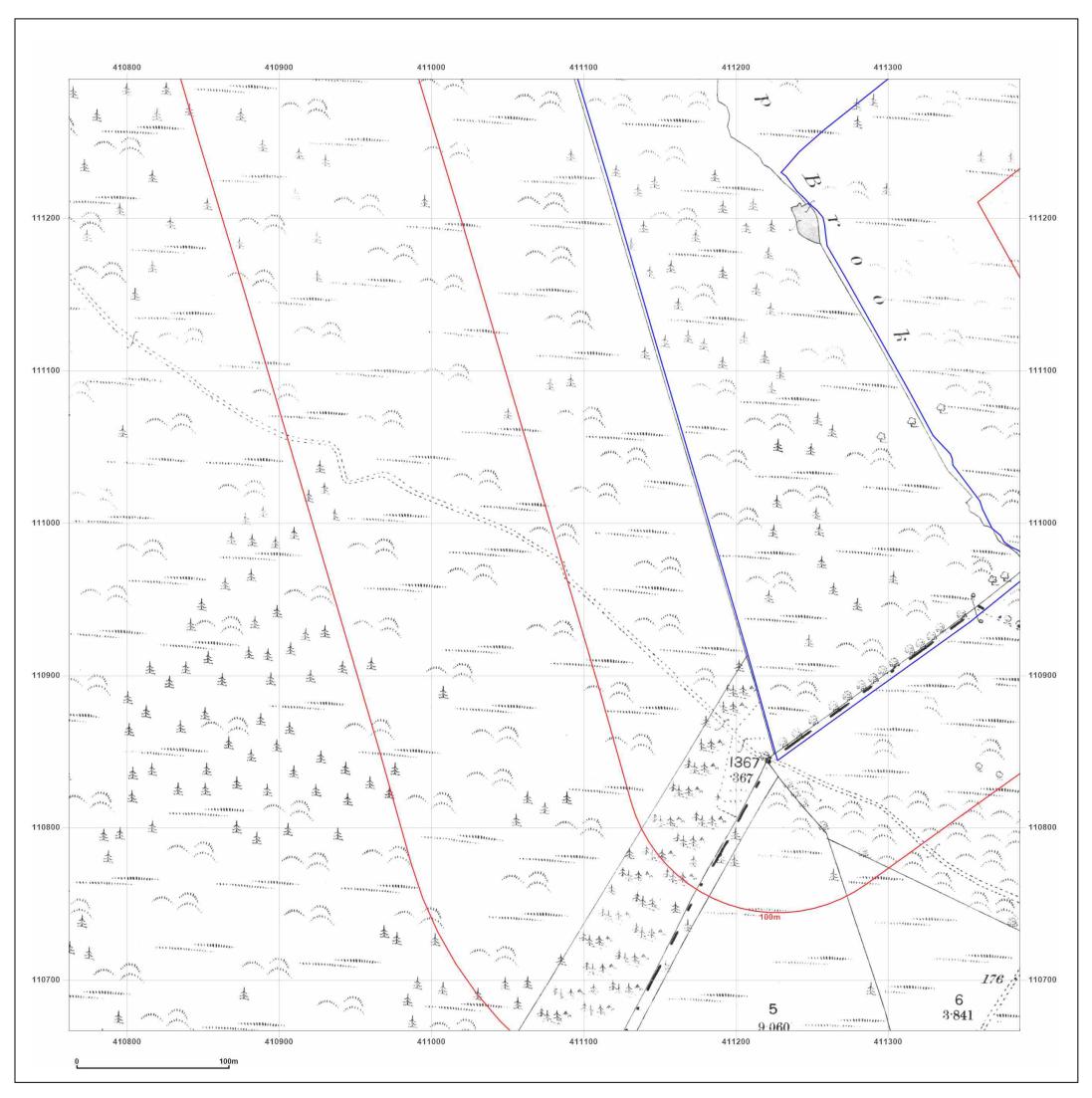


Surveyed 1870 Revised 1870 Edition N/A Copyright N/A Levelled N/A



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

ALDERHOLT, SP6 3DF

•	WIE19098-100_PO_115694 WTM1-8665662_LS_1_1 411074, 110979	
Map Name:	County Series	
Map date:	1889	W

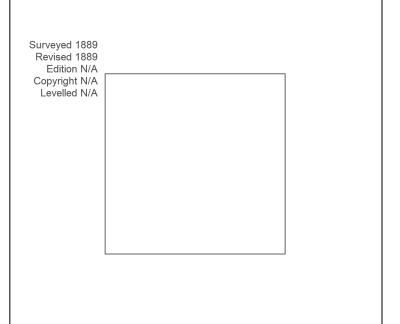
Ν

 $\oplus$ 

F

**Scale:** 1:2,500

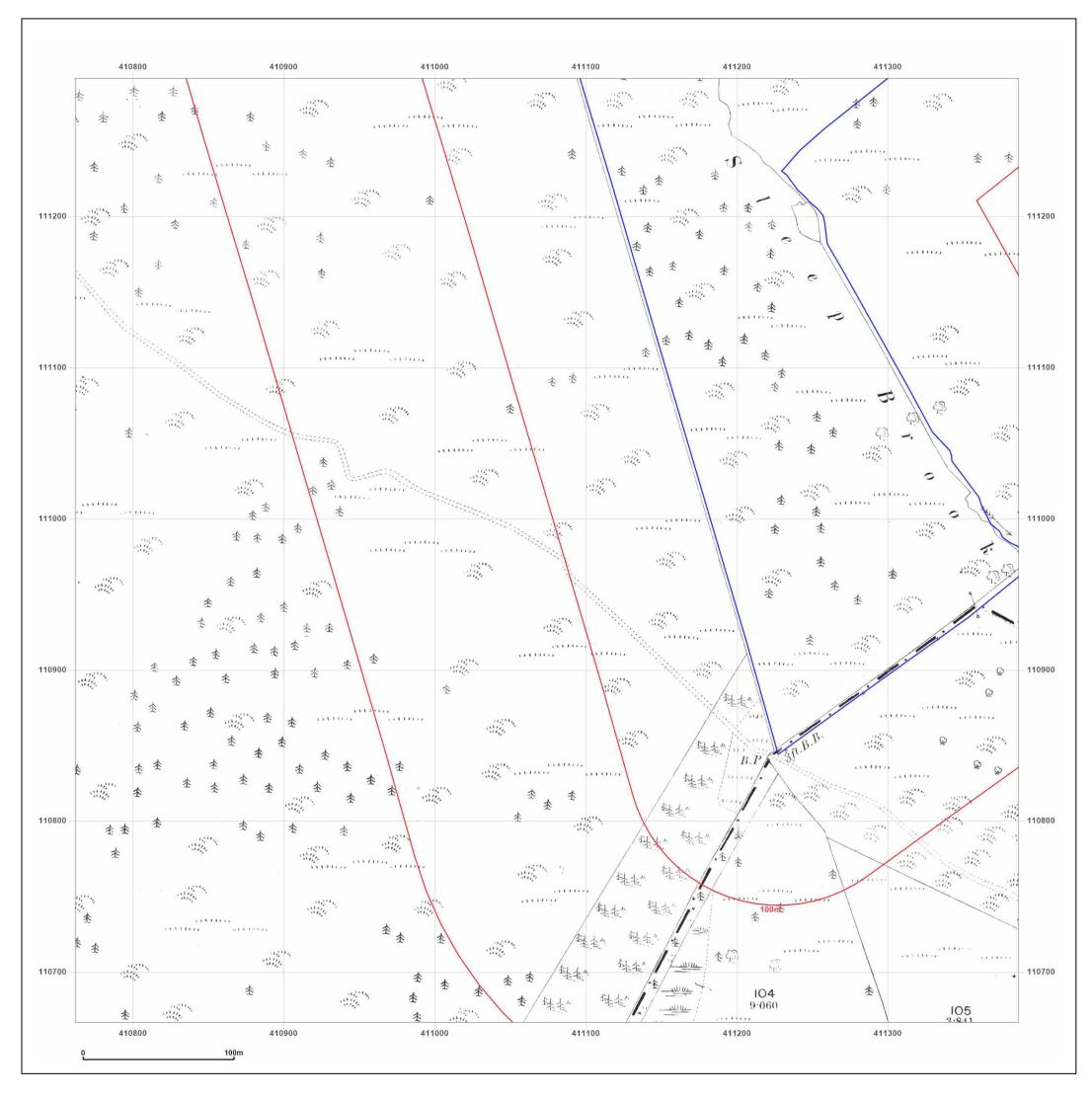
**Printed at:** 1:2,500





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

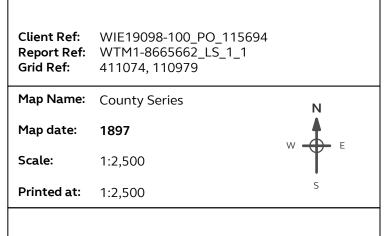


Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

ALDERHOLT, SP6 3DF

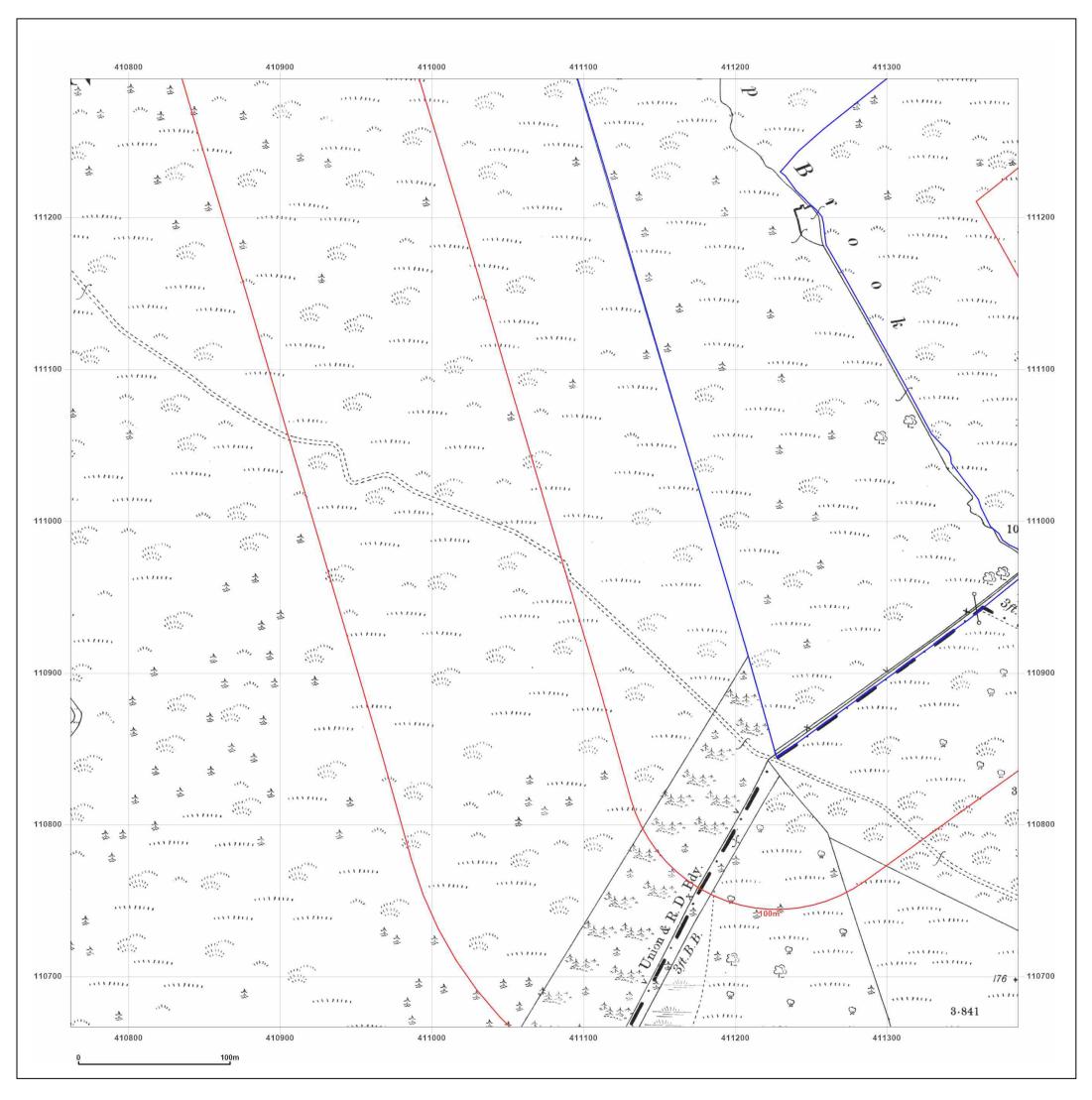


Surveyed 1897 Revised 1897 Edition N/A Copyright N/A Levelled N/A





O Crown copyright and database rights 2018 Ordnance Survey 100035207



Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>

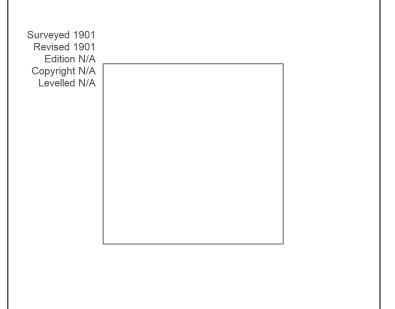


Site Details:

ALDERHOLT, SP6 3DF

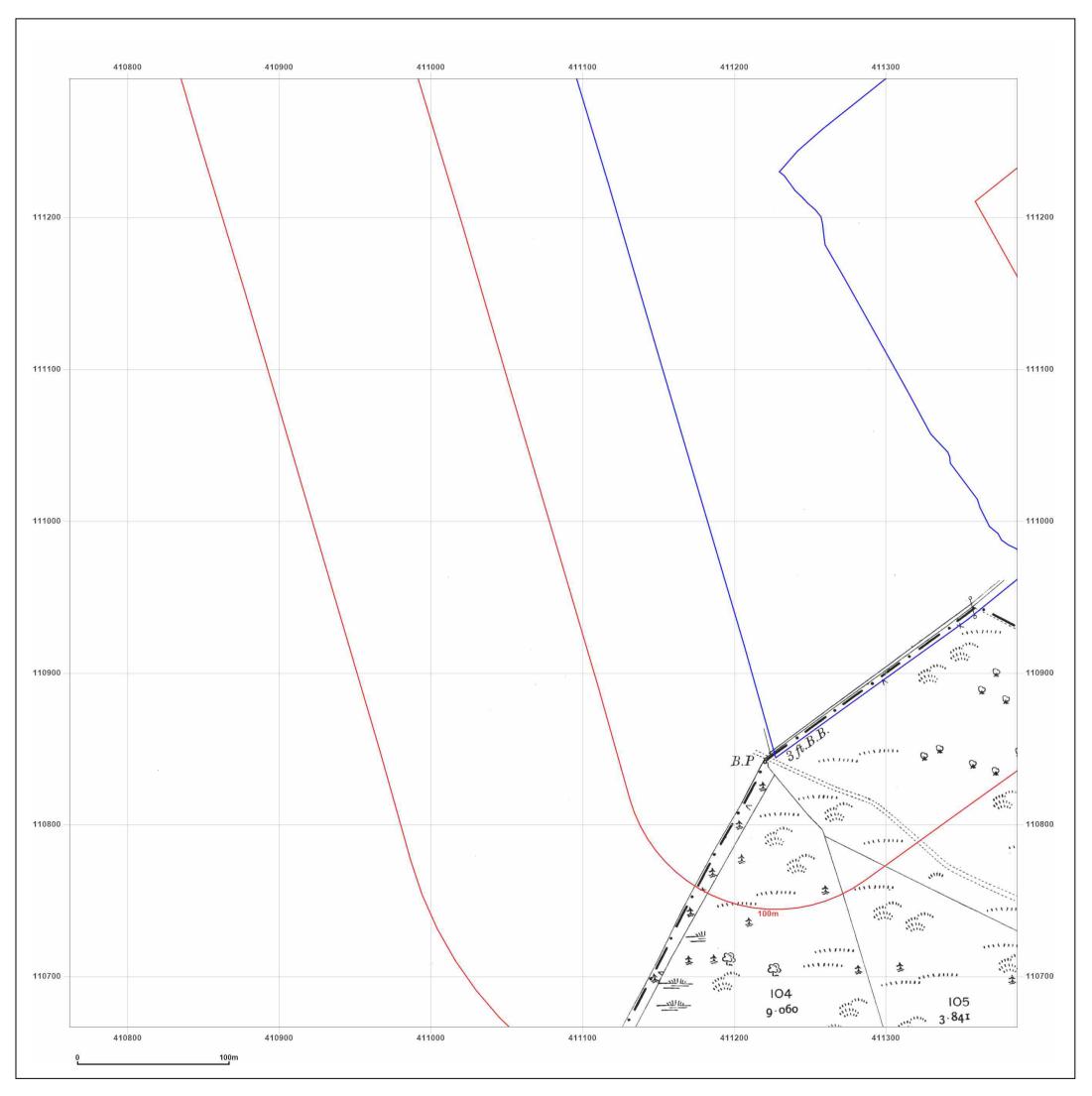
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_1_1 411074, 110979	
Map Name:	County Series	N
Map date:	1901	
Scale:	1:2,500	ΨΨ
Printed at:	1:2,500	S

E



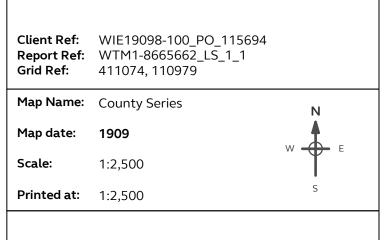


 $\ensuremath{\mathbb{C}}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

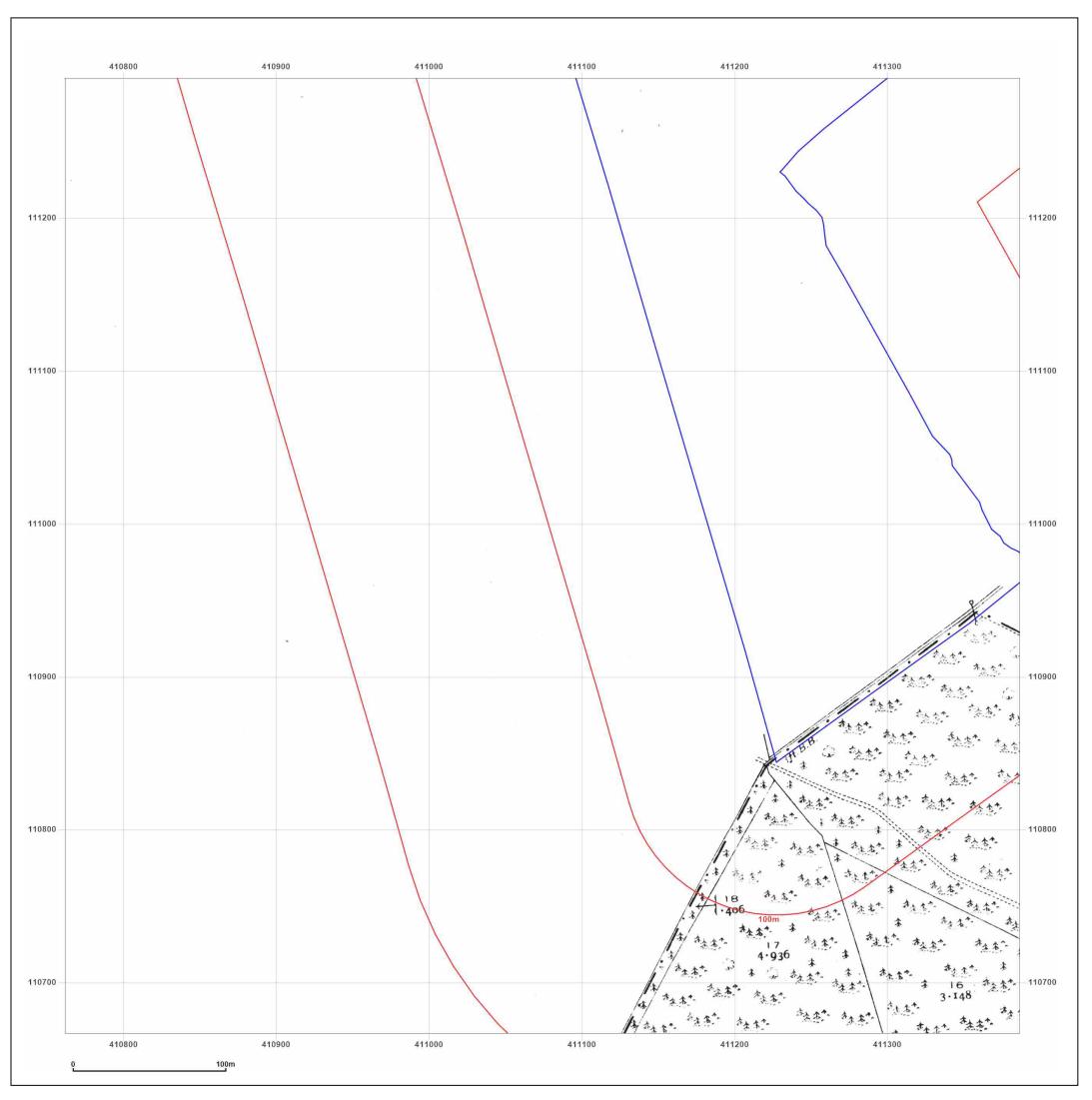


Surveyed 1909 Revised 1909 Edition N/A Copyright N/A Levelled N/A



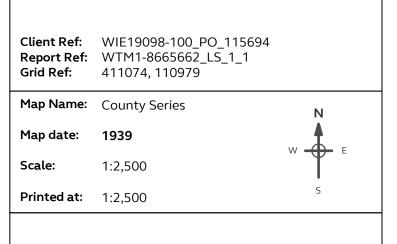
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

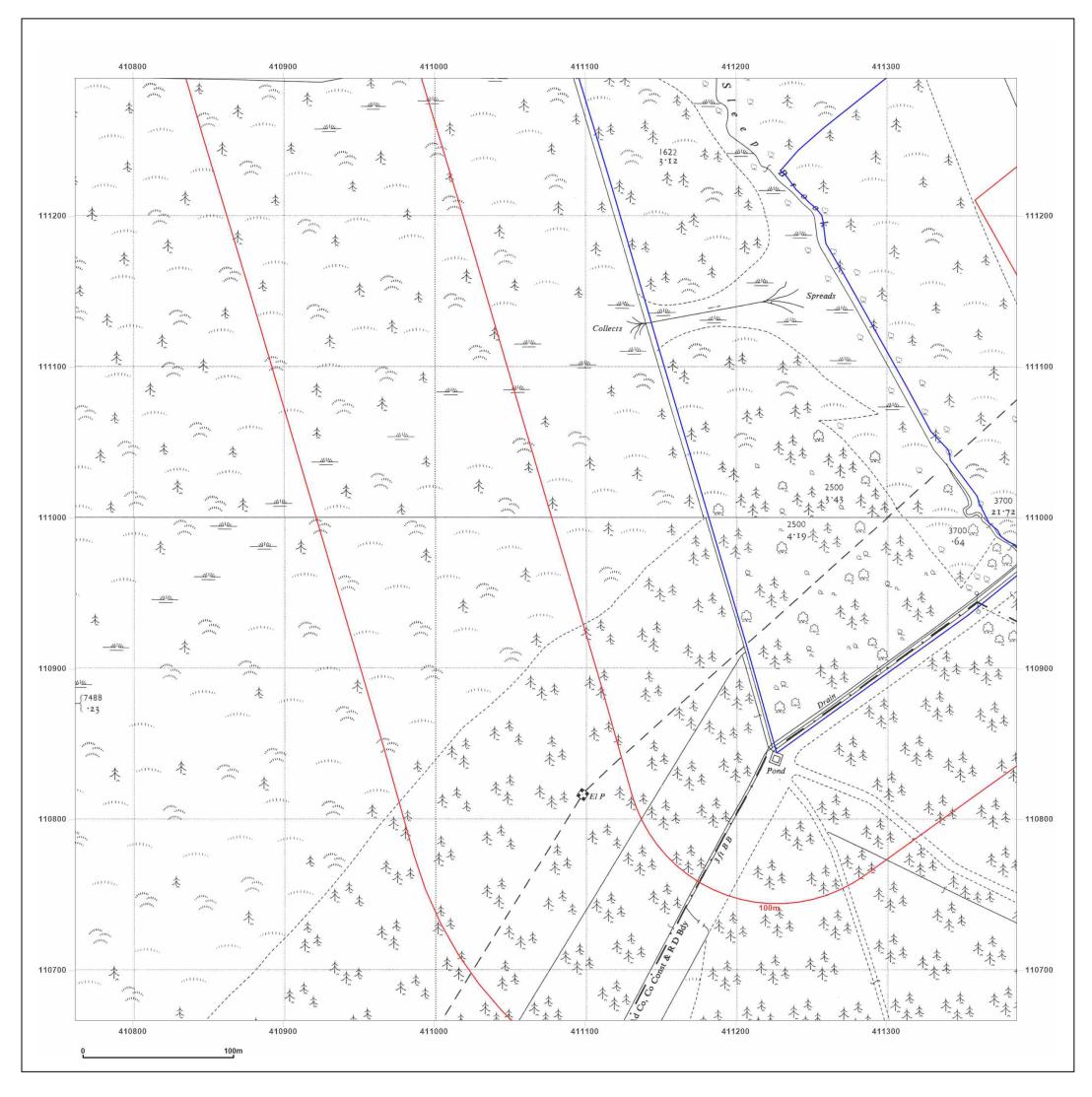


Surveyed 1939 Revised 1939 Edition N/A Copyright N/A Levelled N/A



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

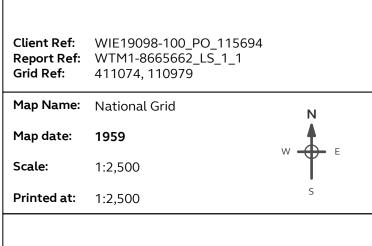


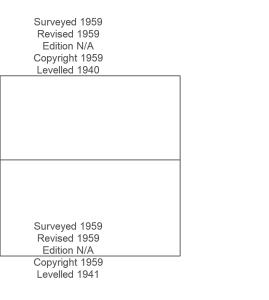
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

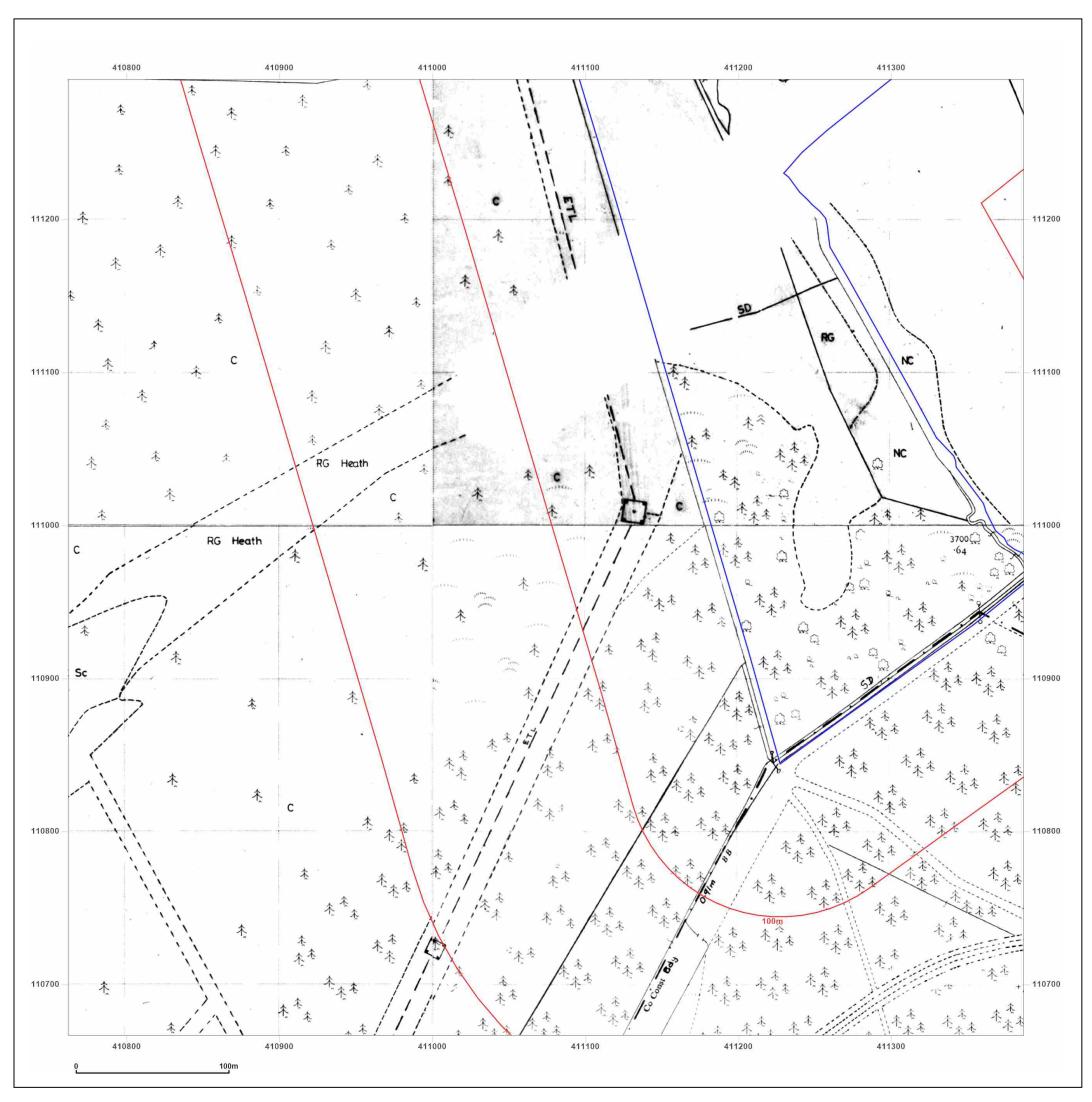






Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

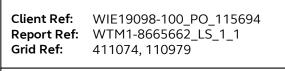


Production date: 11 April 2022



Site Details:

ALDERHOLT, SP6 3DF

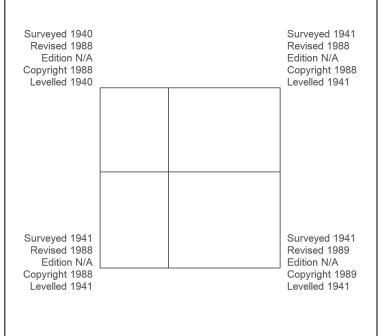


Map Name: National Grid

Map date: 1988-1989

1:2,500 Scale:

**Printed at:** 1:2,500



Ν

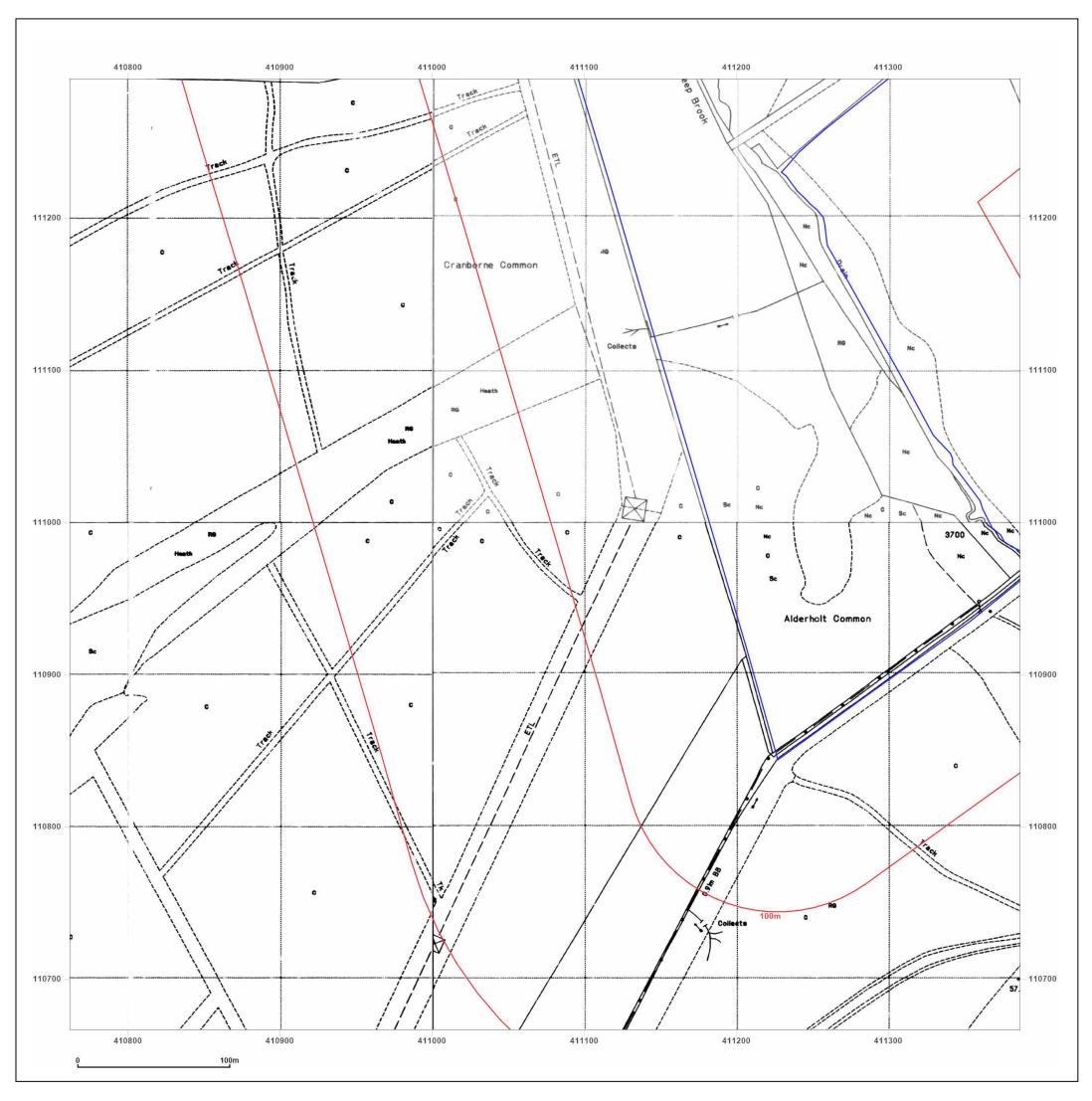
F

W



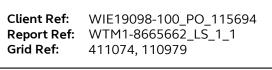
© Crown copyright and database rights 2018 Ordnance Survey 100035207

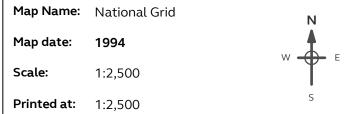
Map legend available at:

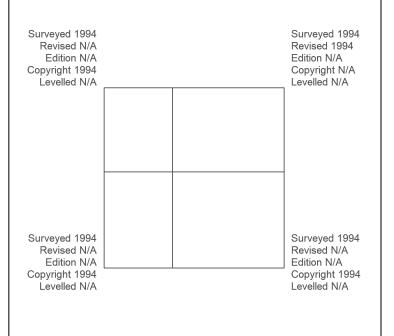




ALDERHOLT, SP6 3DF





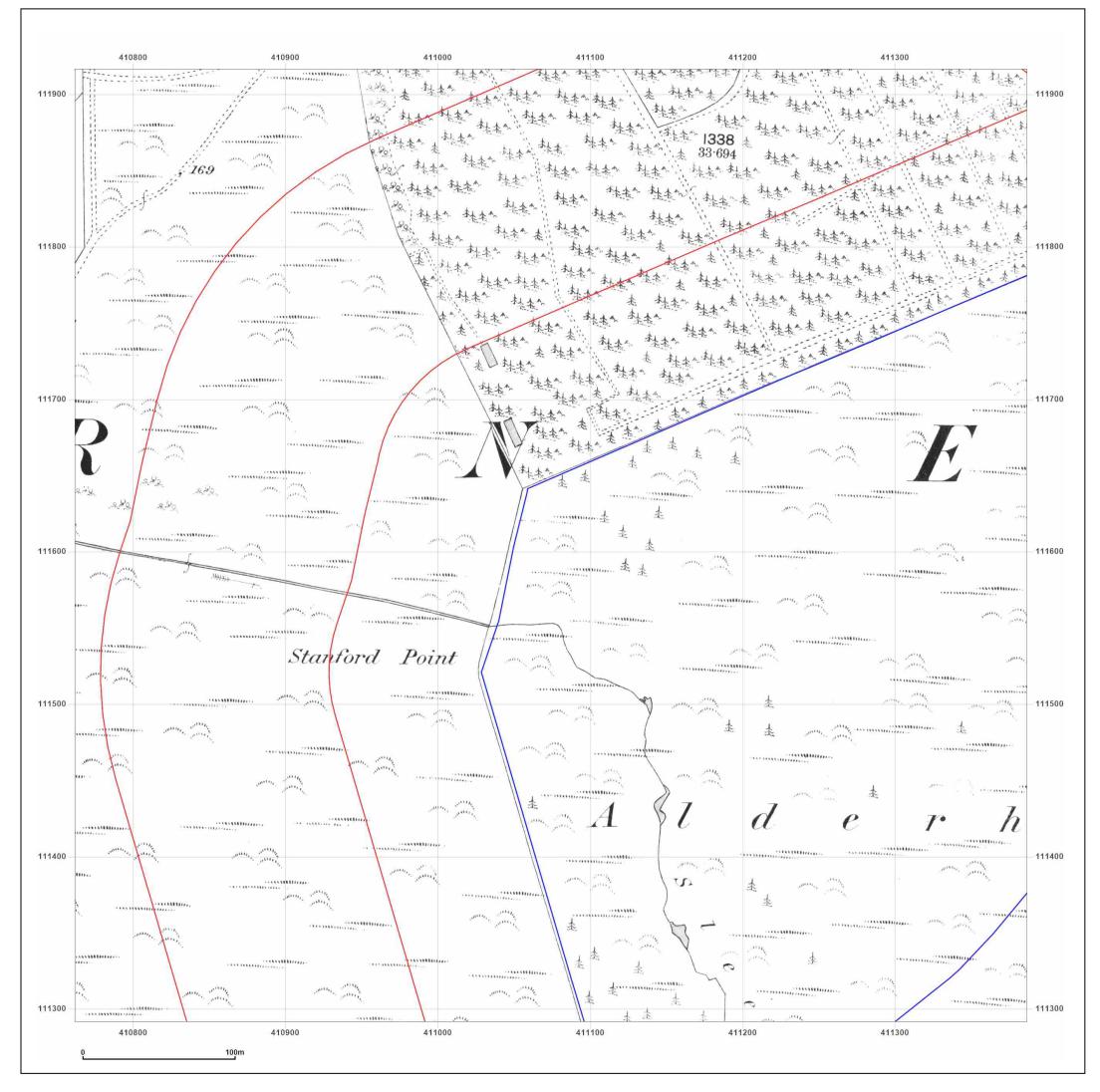




© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

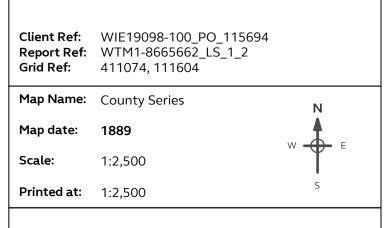


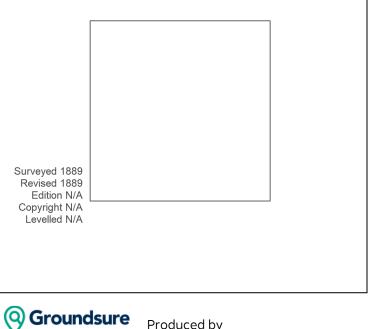
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

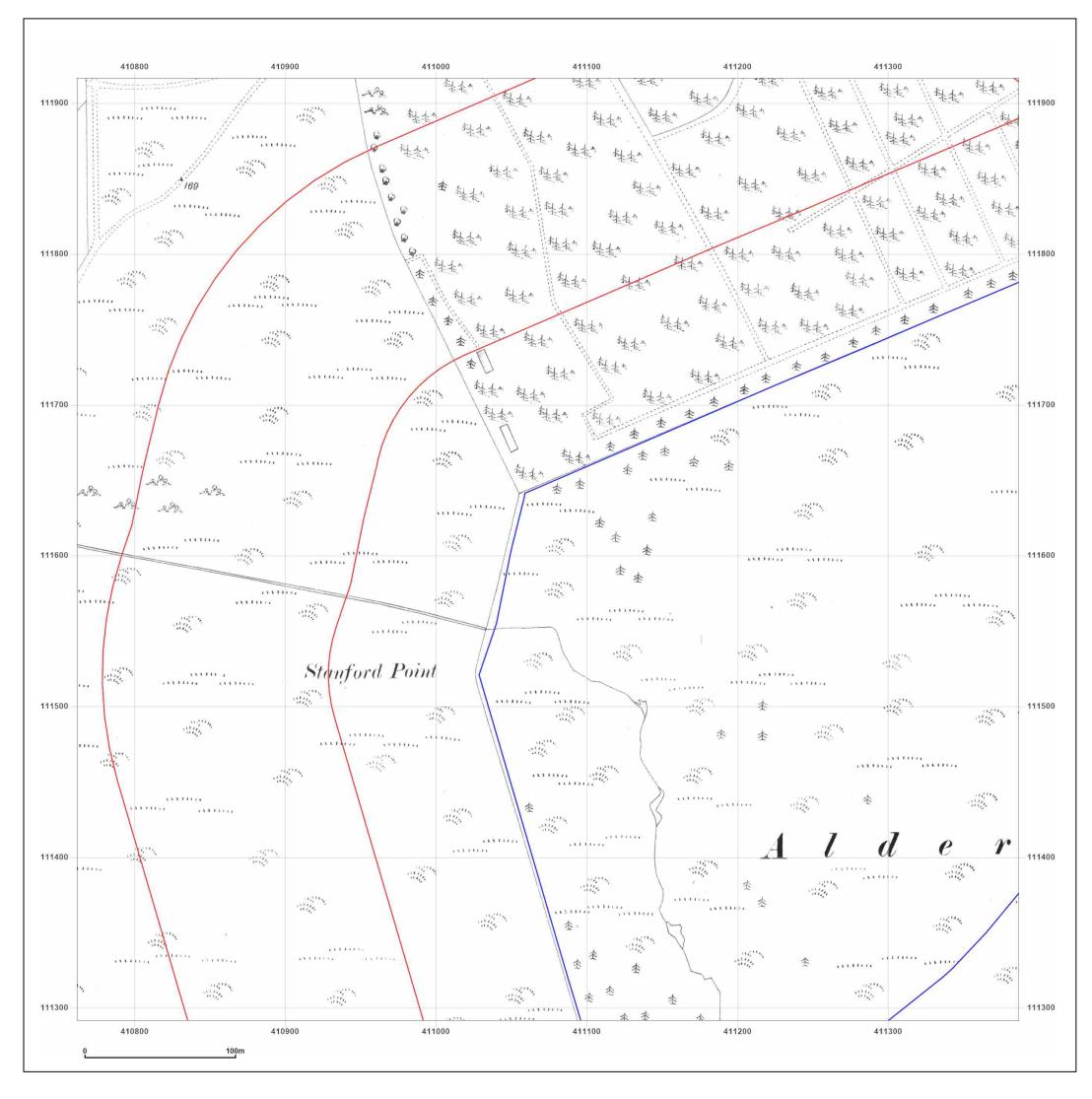






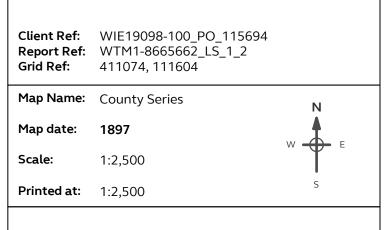
Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

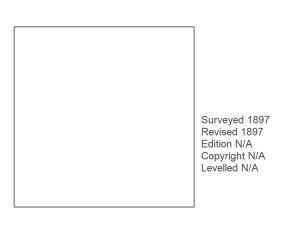
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

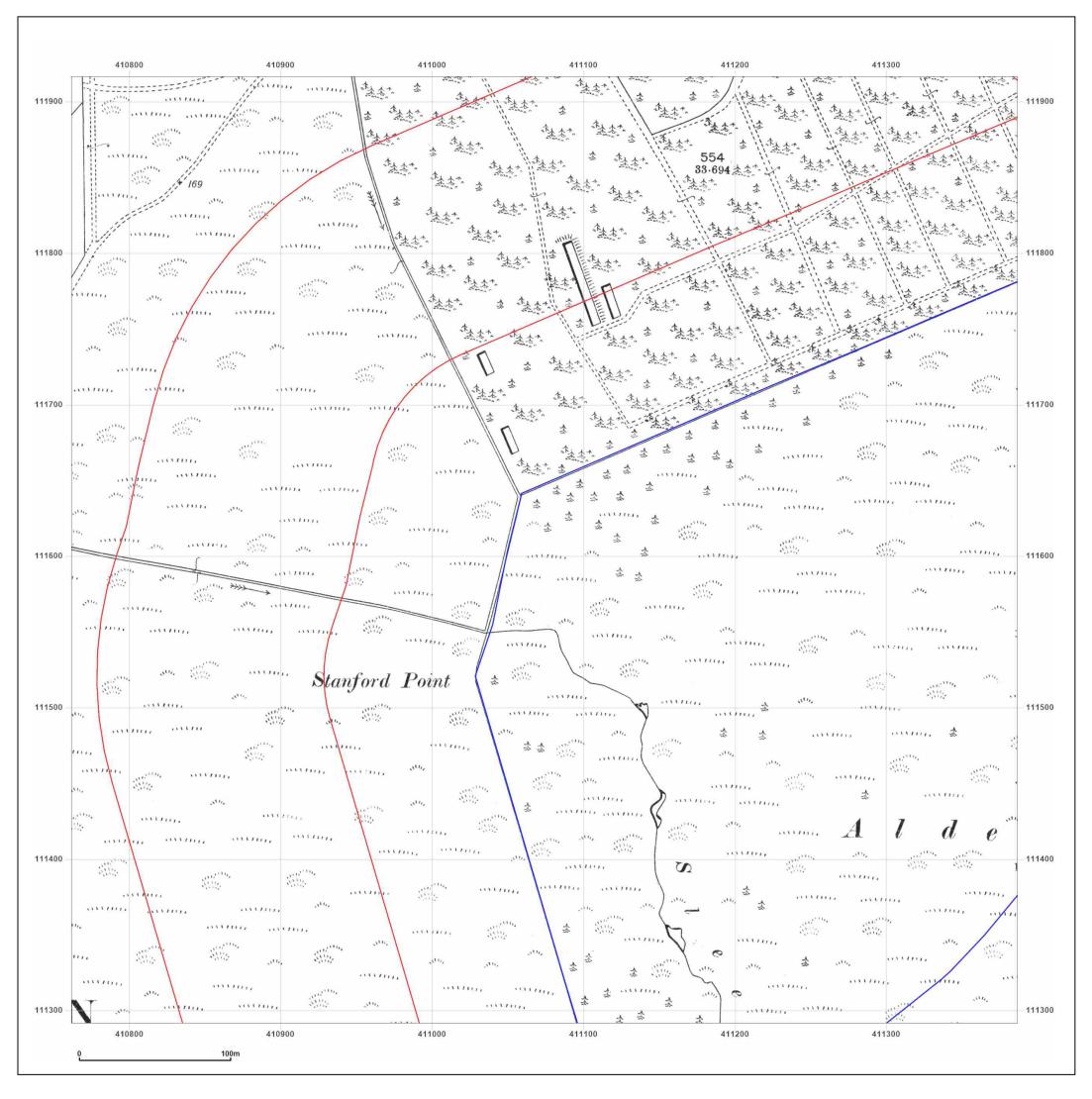






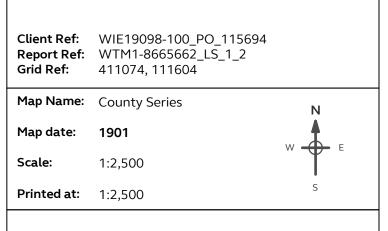
© Crown copyright and database rights 2018 Ordnance Survey 100035207

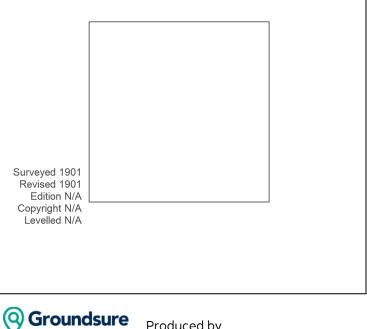
Production date: 11 April 2022





ALDERHOLT, SP6 3DF





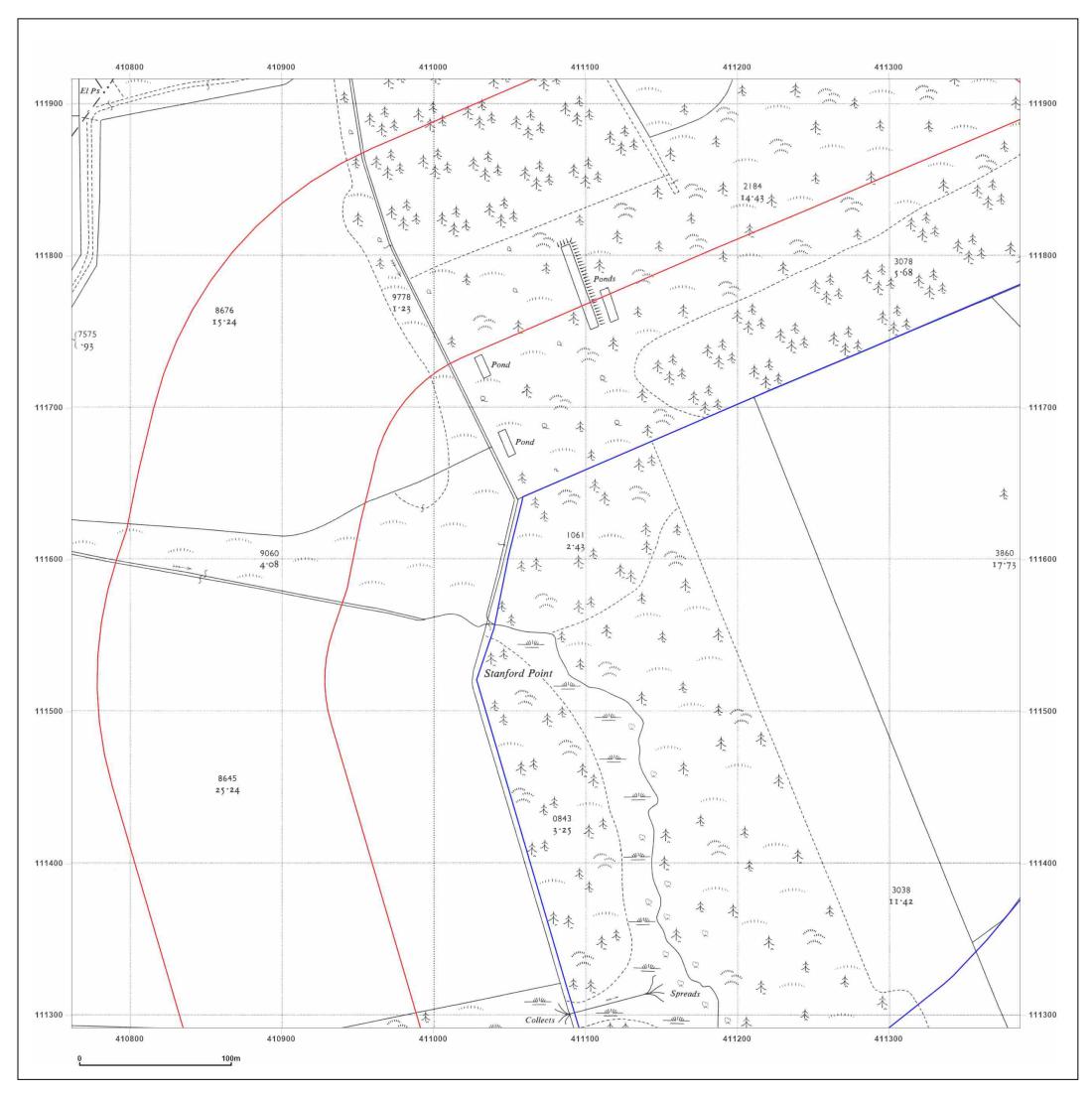


Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

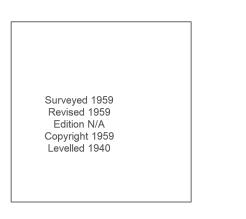
Map legend available at:





ALDERHOLT, SP6 3DF

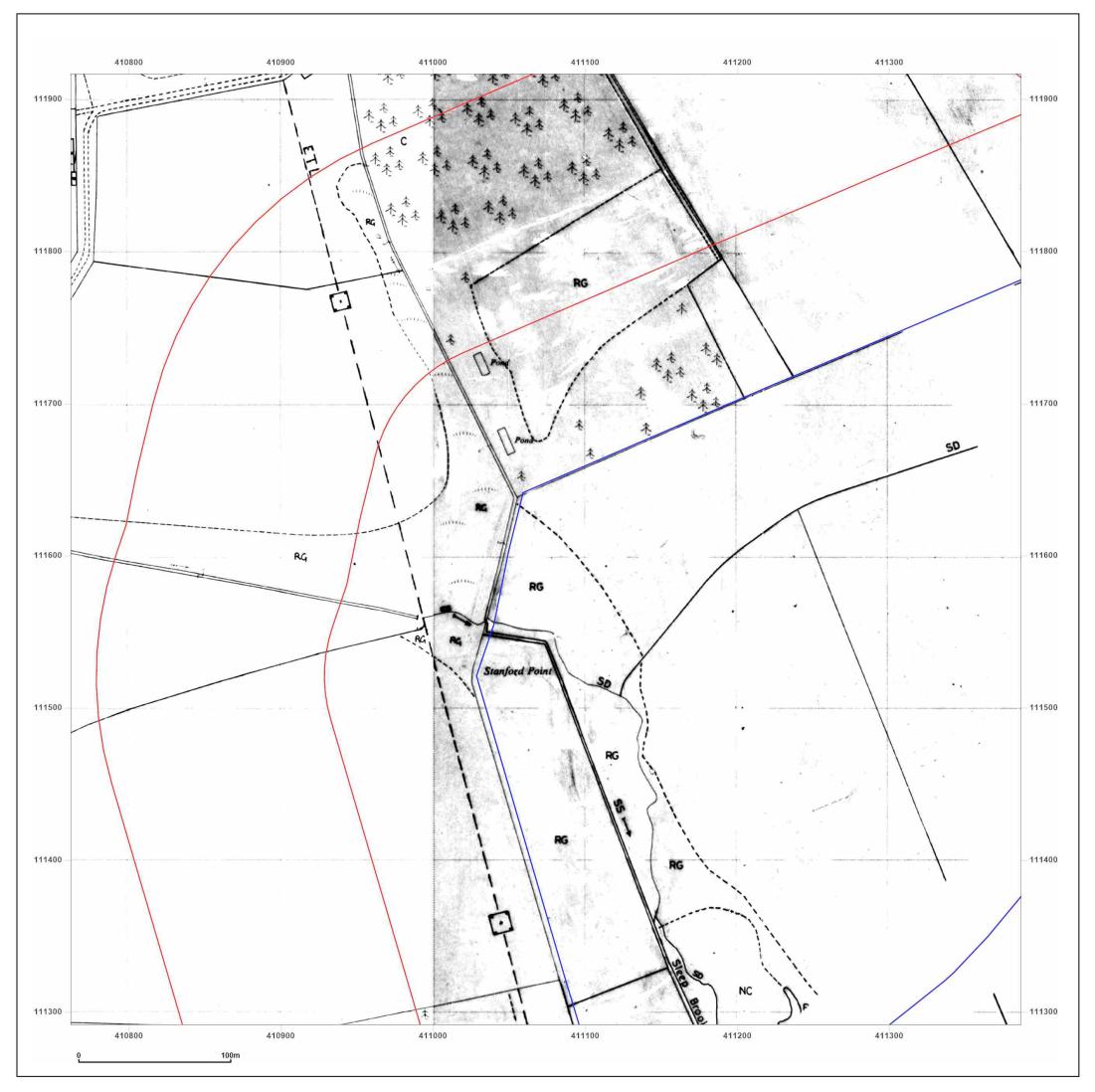
Client Ref: Report Ref: Grid Ref:		
Map Name:	National Grid	N
Map date:	1959	
Scale:	1:2,500	T
Scale: Printed at:	1:2,500 1:2,500	S





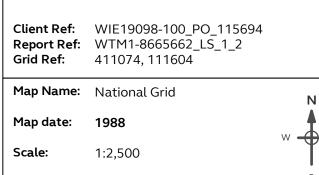
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



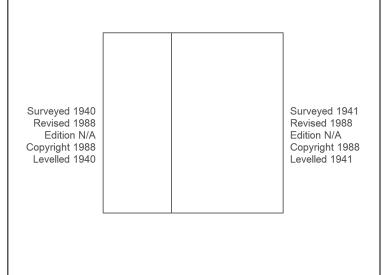


ALDERHOLT, SP6 3DF



F

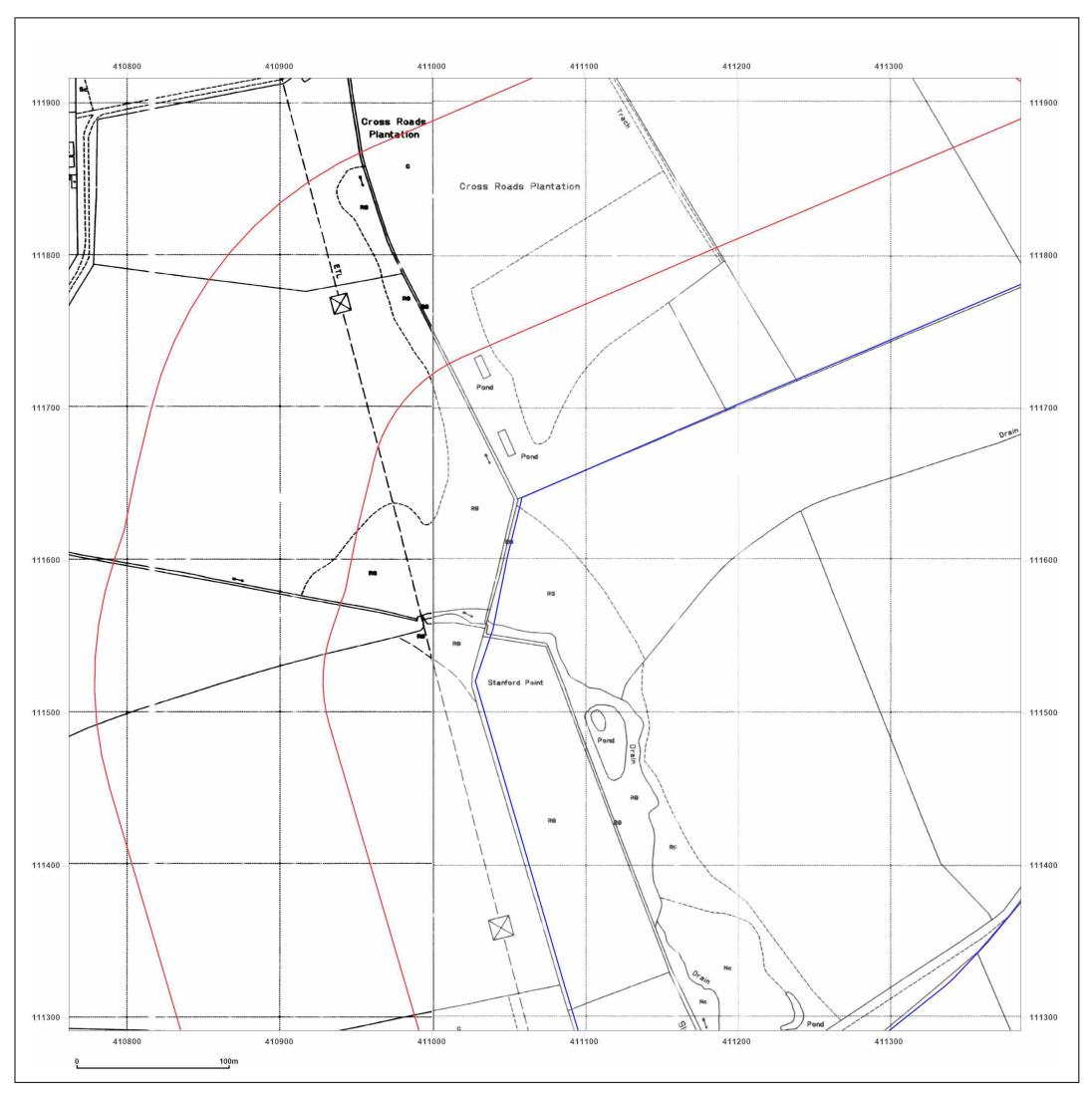
**Printed at:** 1:2,500





Production date: 11 April 2022

Map legend available at:

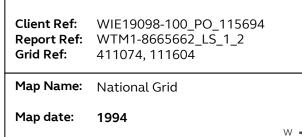


Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF



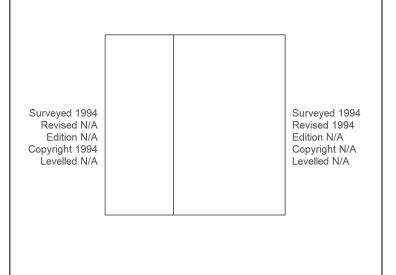
Ν

 $\oplus$ 

E

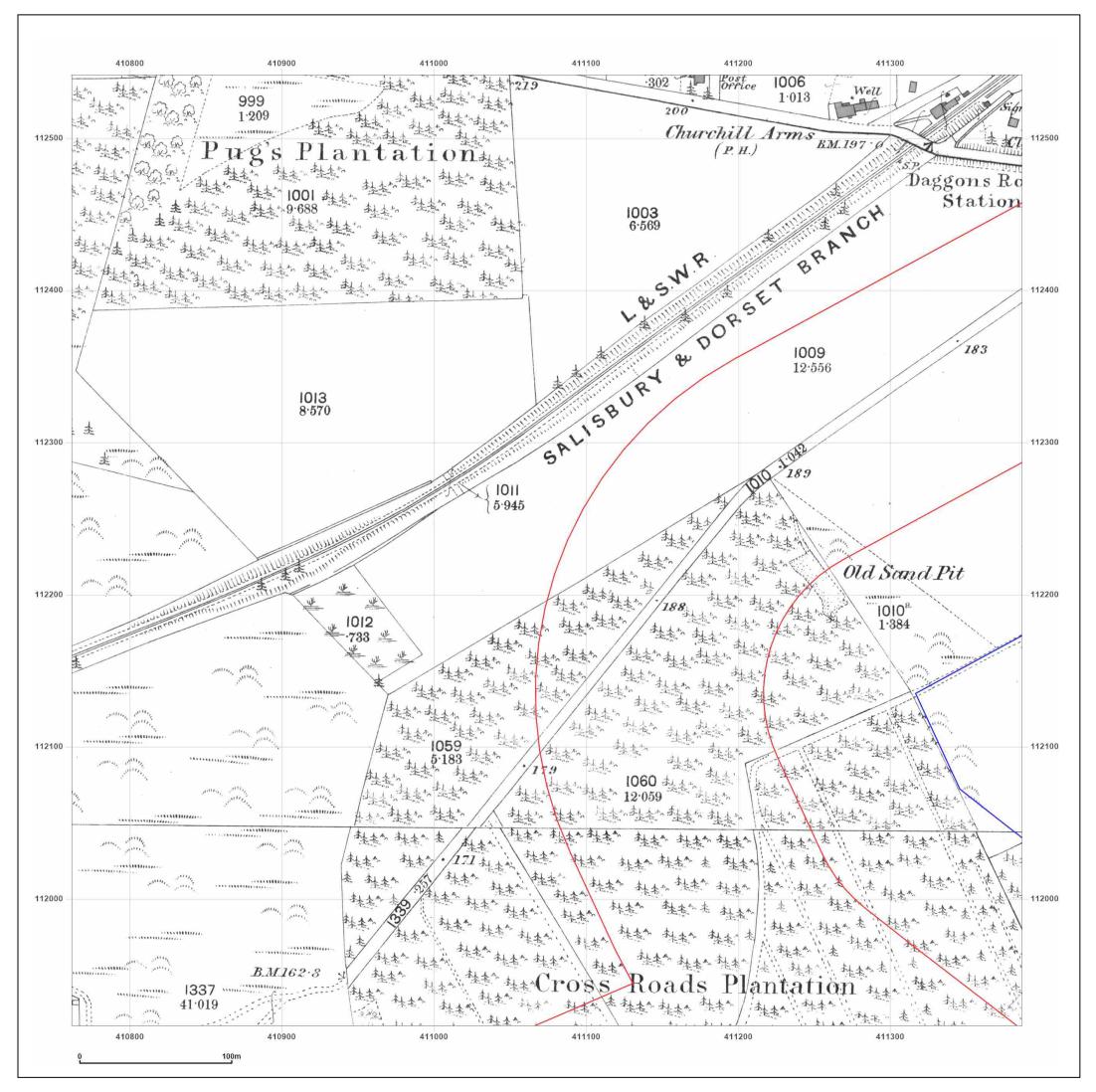
**Scale:** 1:2,500

**Printed at:** 1:2,500



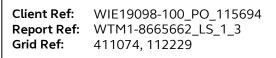


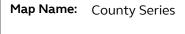
 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

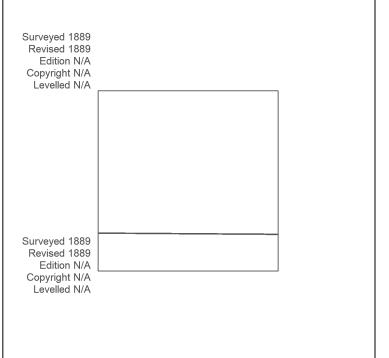




Map date: 1889

**Scale:** 1:2,500

**Printed at:** 1:2,500



N

F

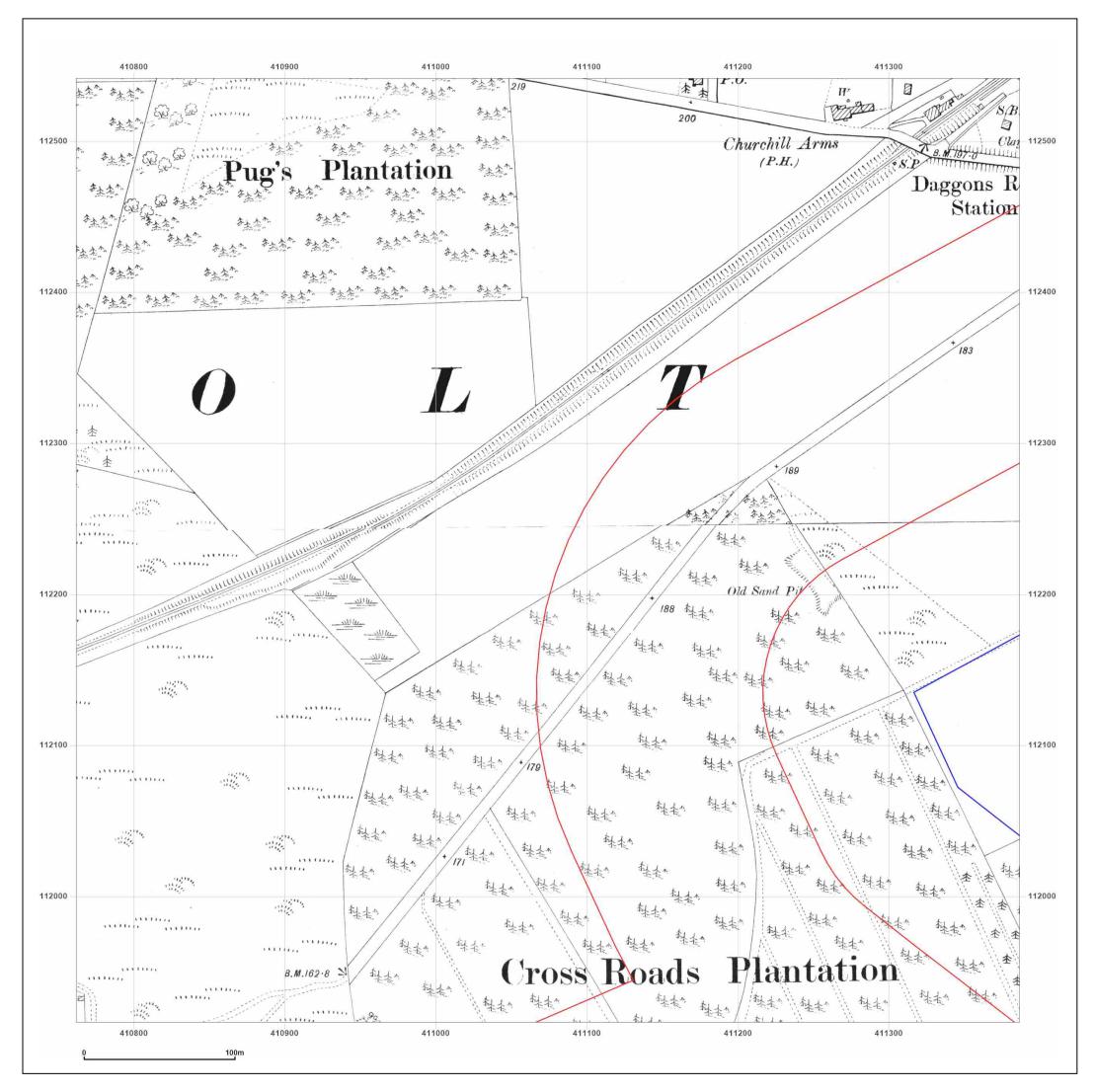
W



O Crown copyright and database rights 2018 Ordnance Survey 100035207

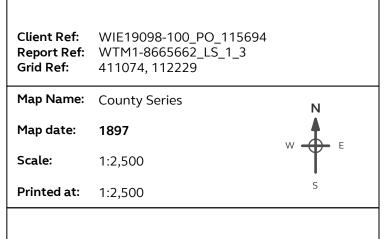
Production date: 11 April 2022

Map legend available at:





ALDERHOLT, SP6 3DF



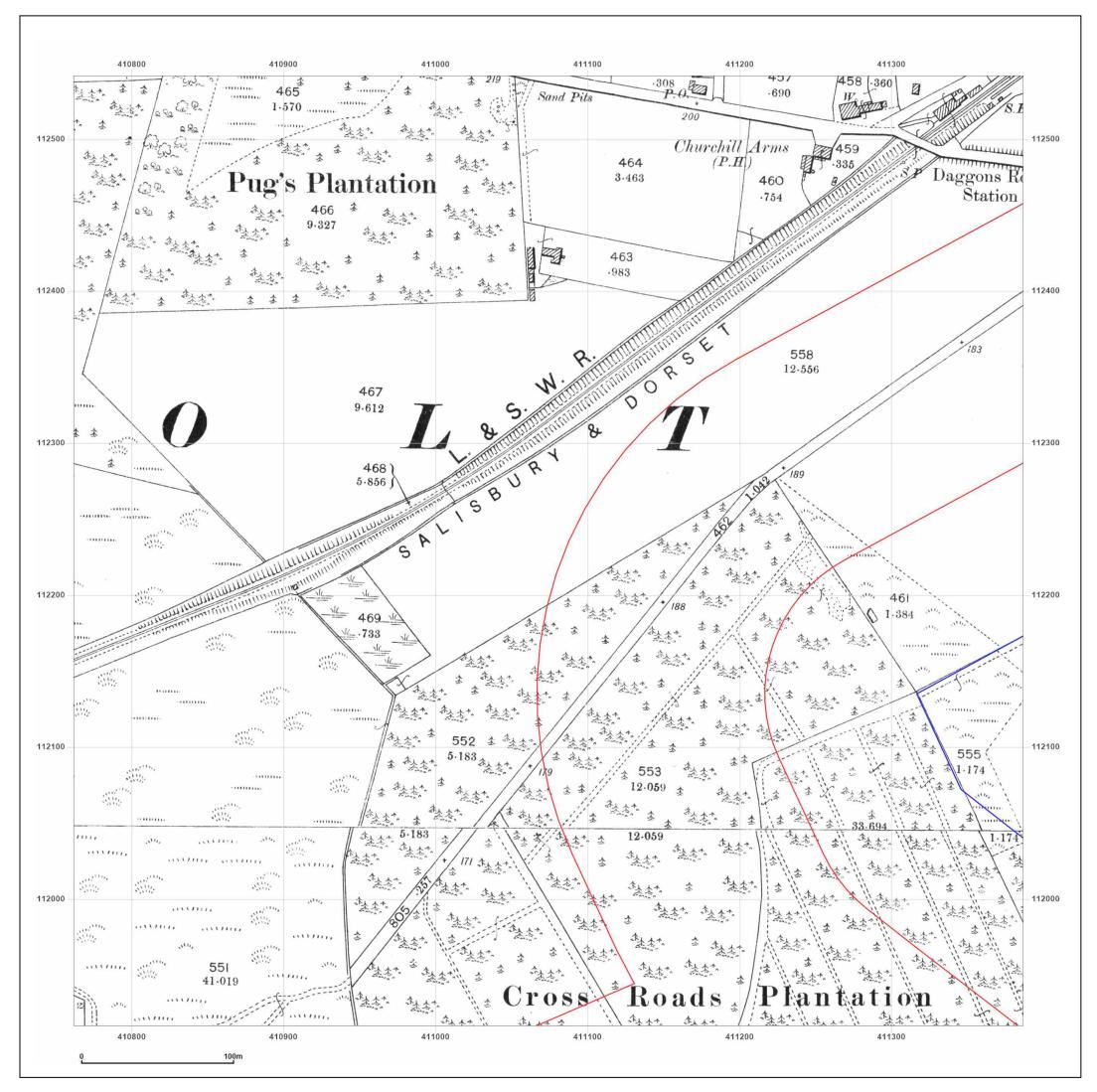
Surveyed 1897 Revised 1897 Edition N/A Copyright N/A Levelled N/A

Surveyed 1897 Revised 1897 Edition N/A Copyright N/A Levelled N/A



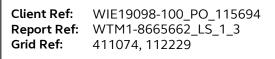
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





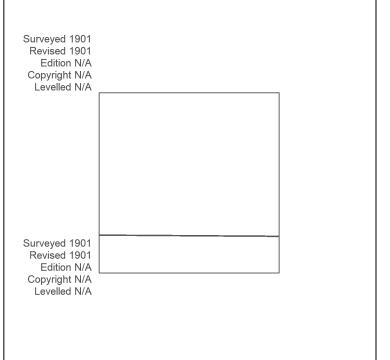
ALDERHOLT, SP6 3DF





1:2,500 Scale:

**Printed at:** 1:2,500



N

F

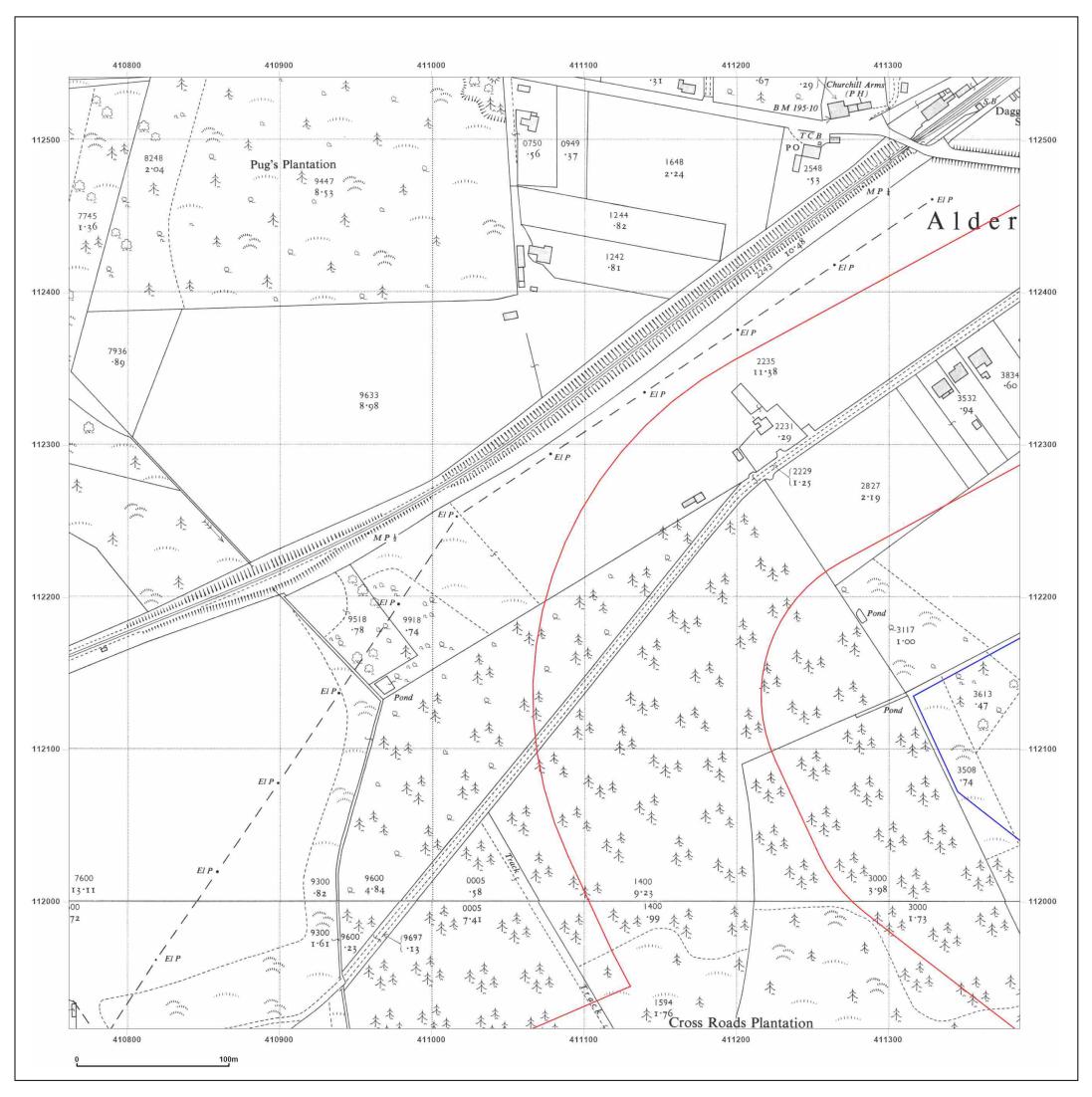
W



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:



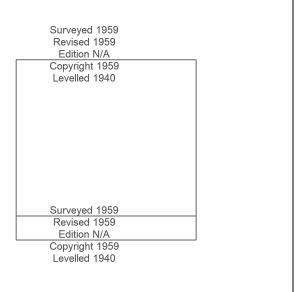
Map legend available at: www.groundsure.com/sites/default/files/groundsure\_legend.pdf



Site Details:

ALDERHOLT, SP6 3DF

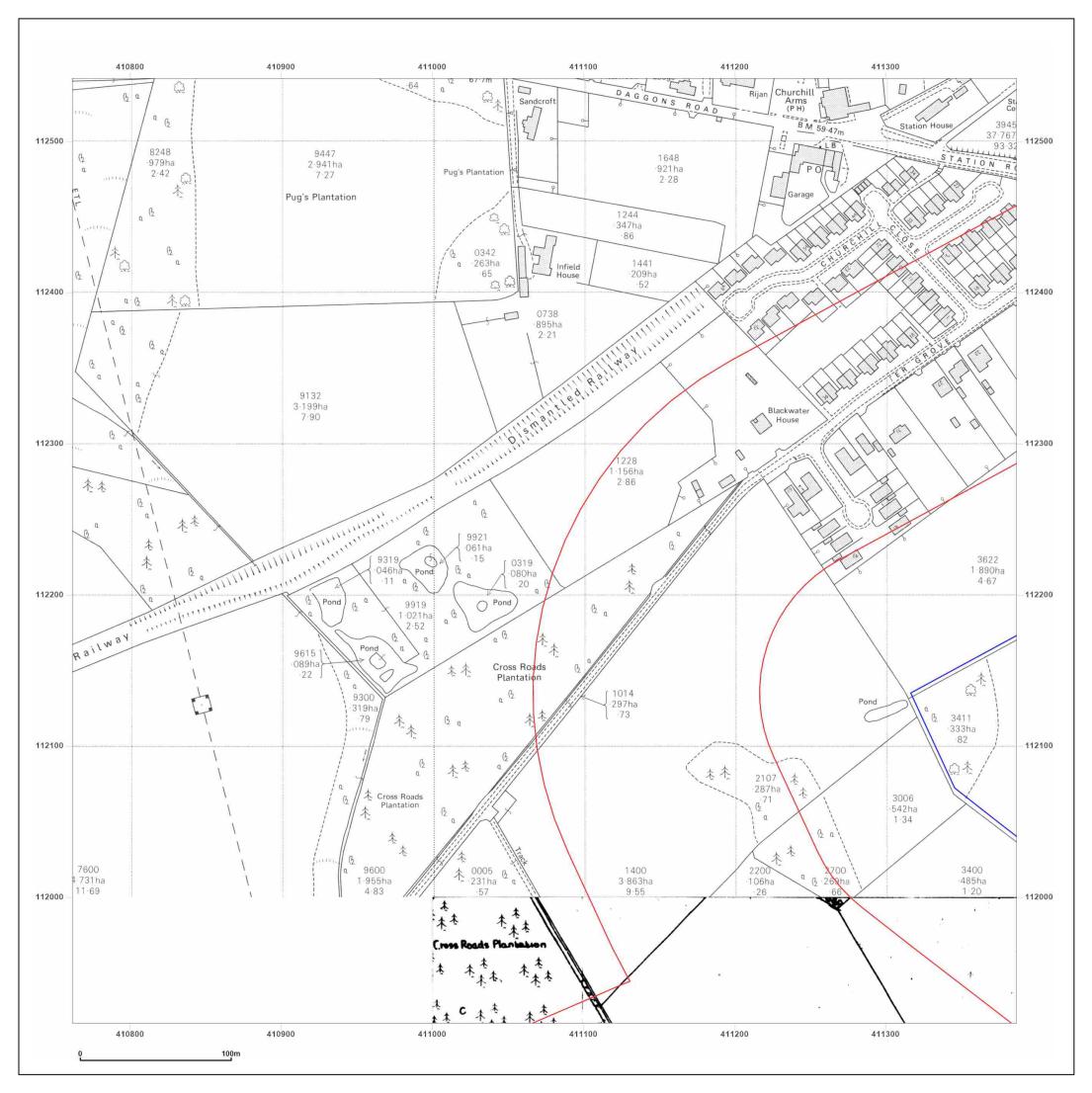
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_1_3 411074, 112229	
Map Name:	National Grid	Ν
Map date:	1959	
Scale:	1:2,500	ΨΨ L
Printed at:	1:2,500	S





Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

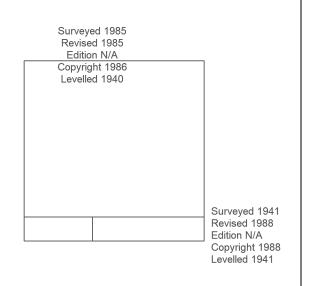
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

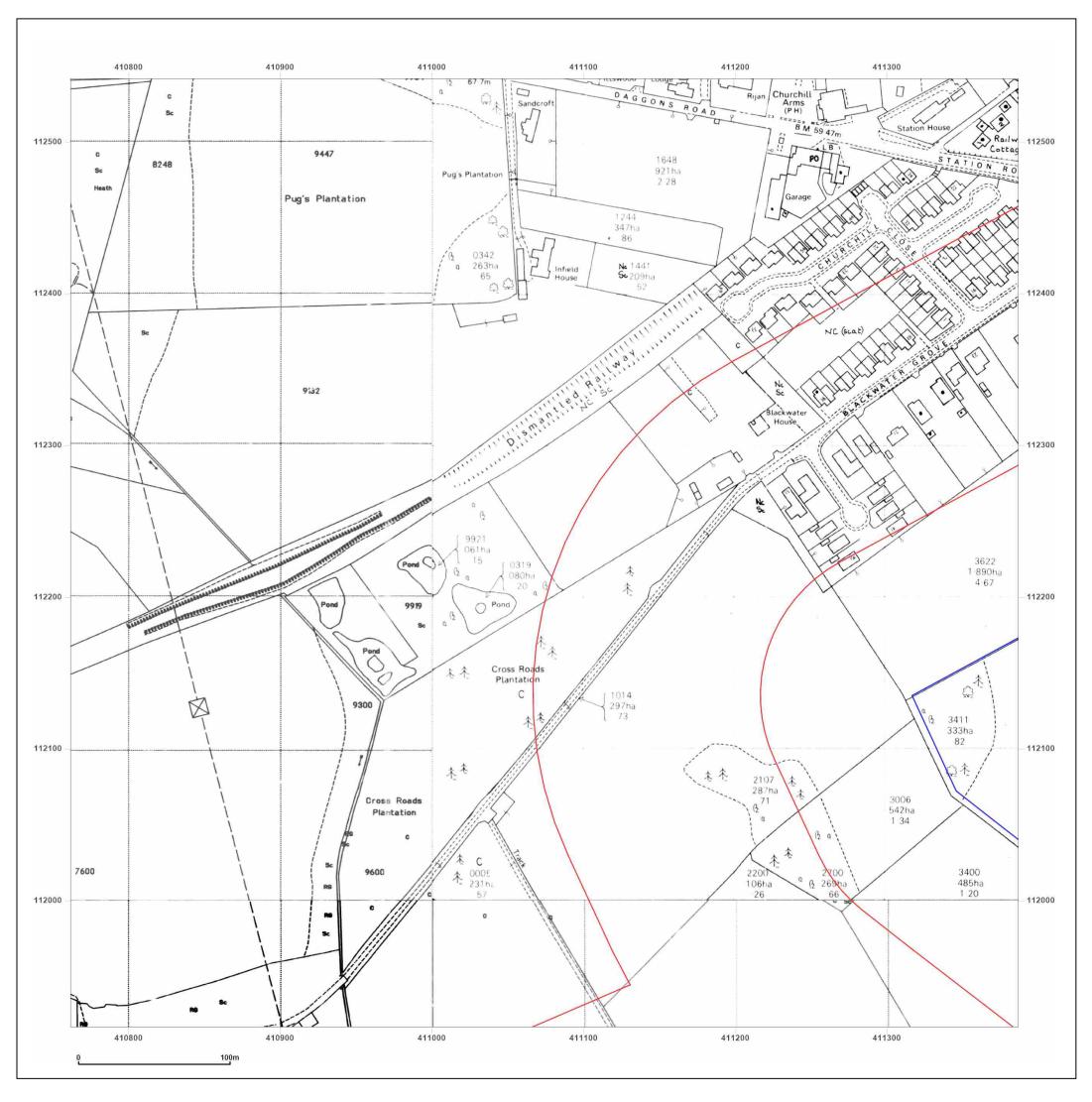
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_1_3 411074, 112229	
Map Name:	National Grid	N
Map date:	1986-1988	
Scale:	1:2,500	Ϋ́Ϋ́ι
Printed at:	1:2,500	S





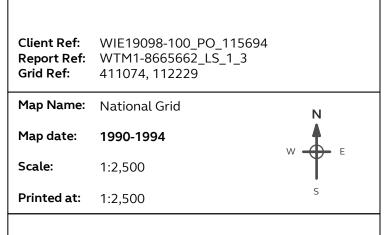
Production date: 11 April 2022

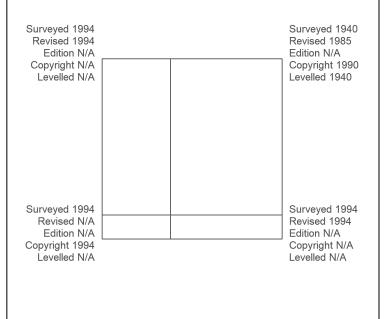
Map legend available at:





ALDERHOLT, SP6 3DF



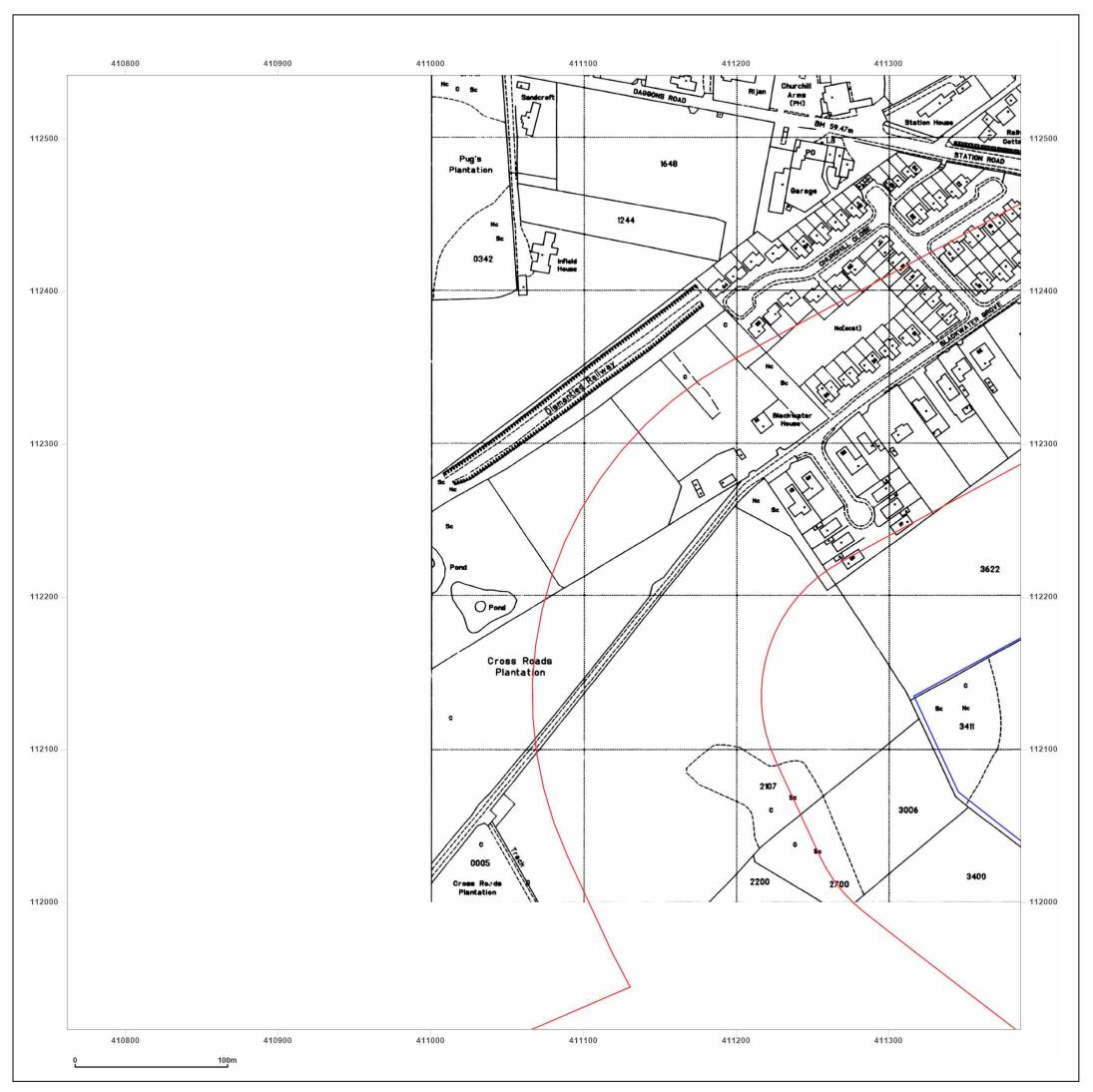




© Crown copyright and database rights 2018 Ordnance Survey 100035207

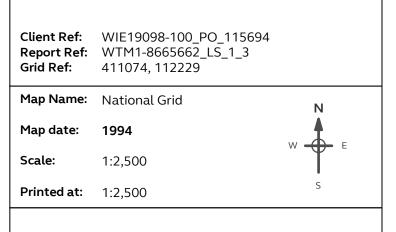
Production date: 11 April 2022

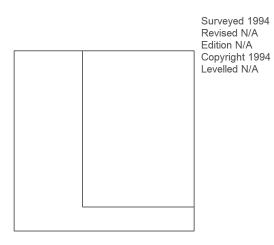
Map legend available at:





ALDERHOLT, SP6 3DF

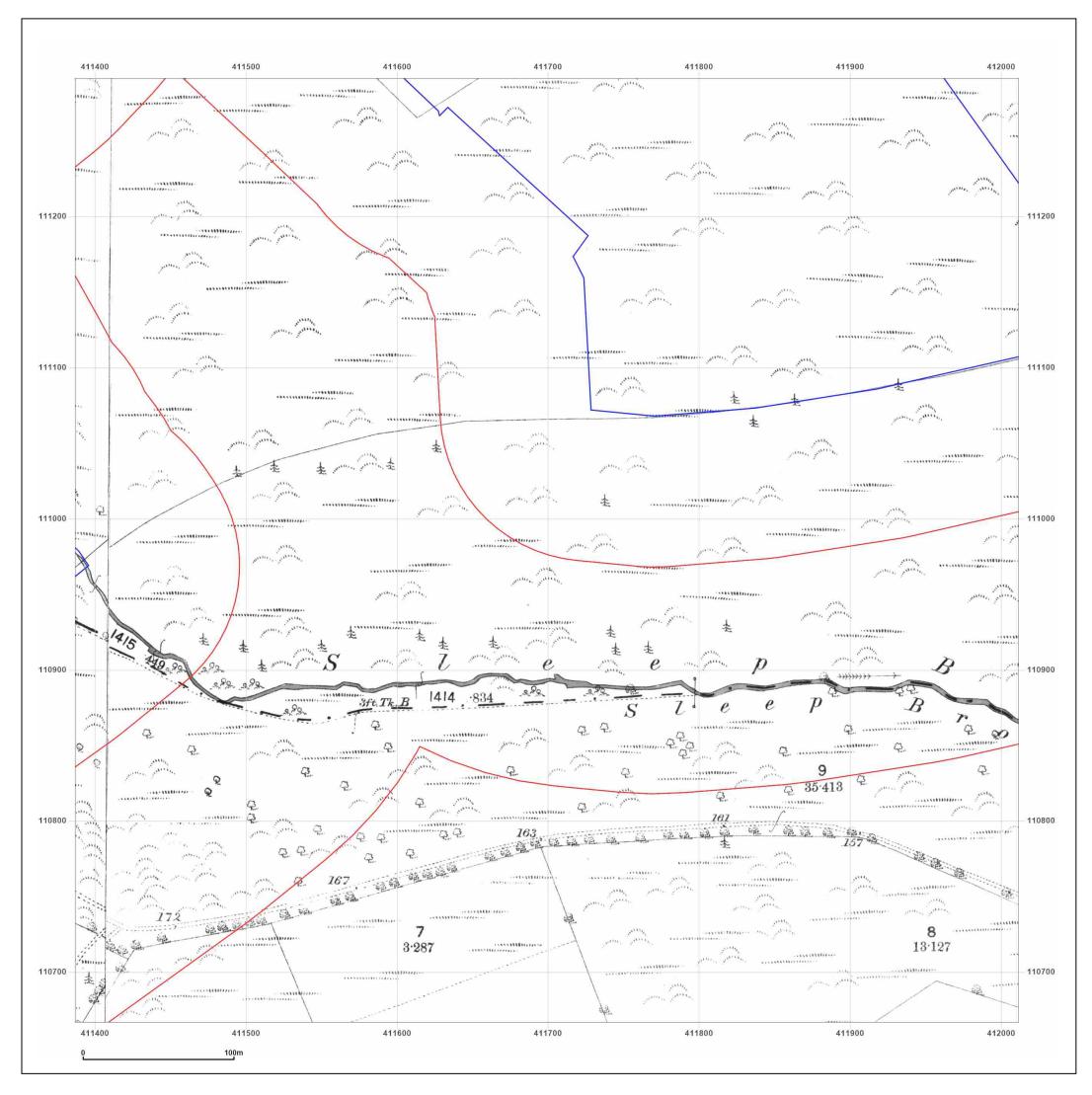






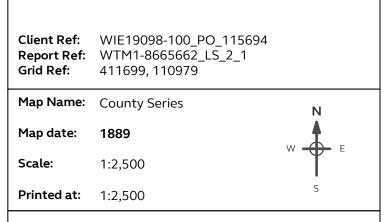
© Crown copyright and database rights 2018 Ordnance Survey 100035207

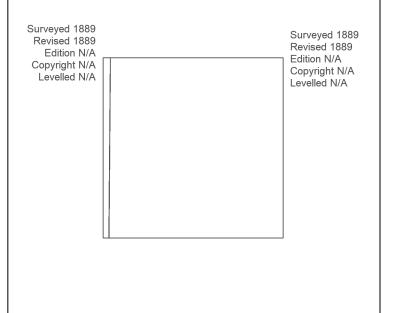
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

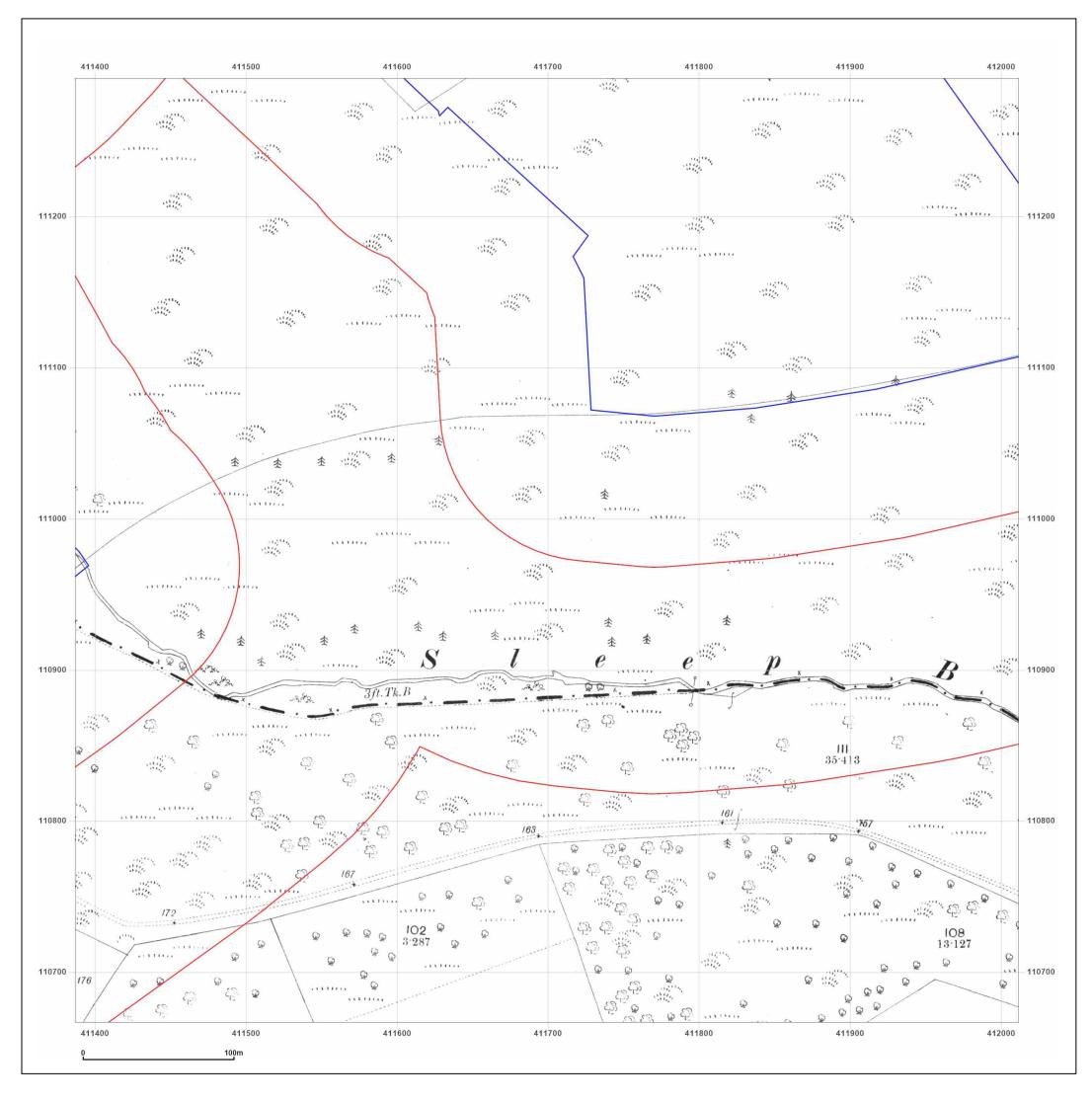






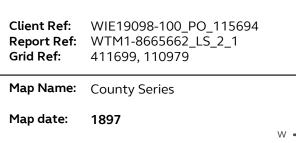
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



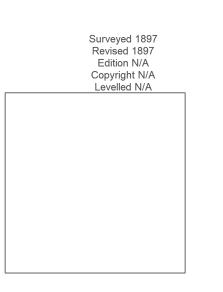


ALDERHOLT, SP6 3DF



1:2,500 Scale:

**Printed at:** 1:2,500



Ν

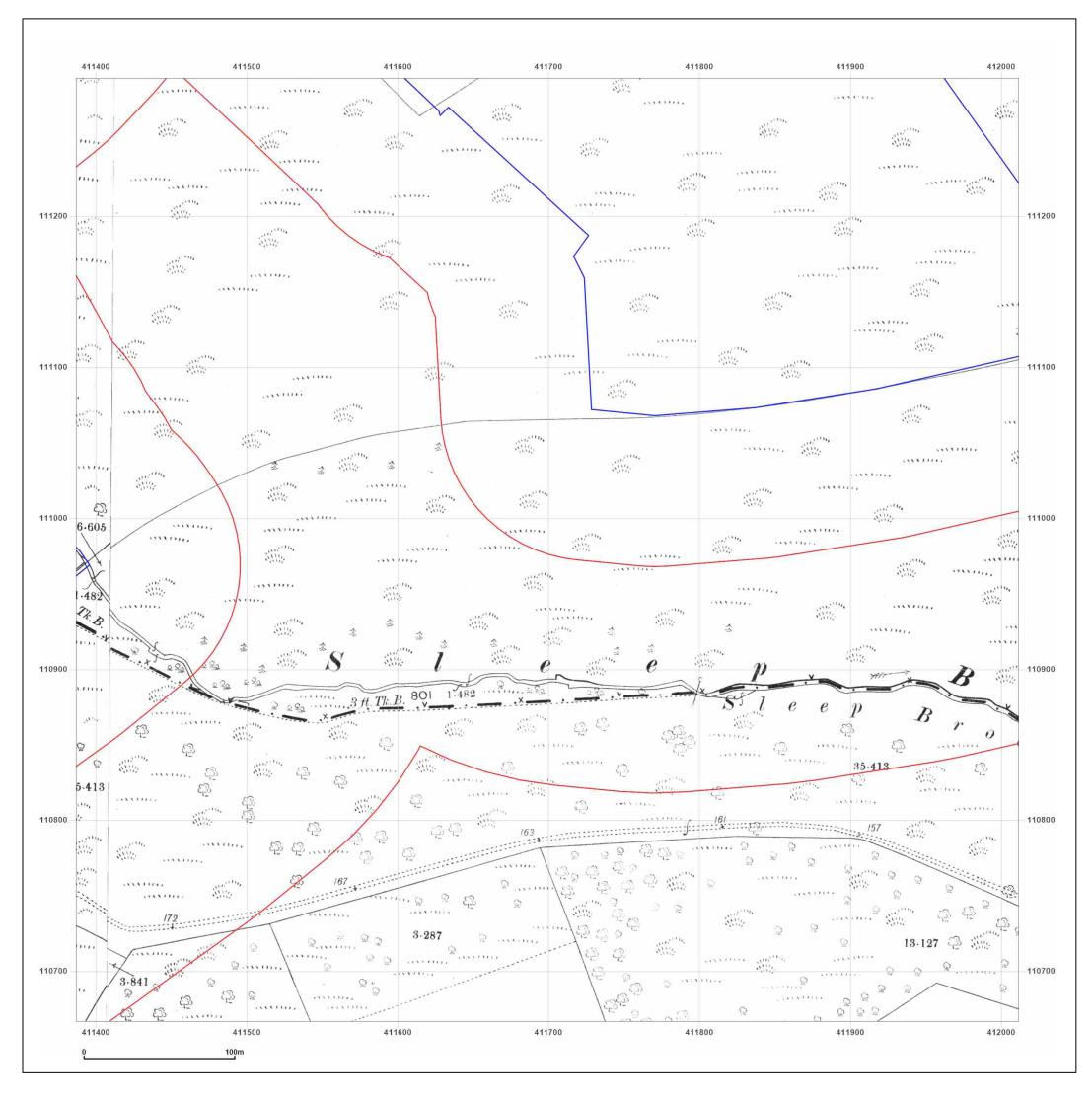
S

F



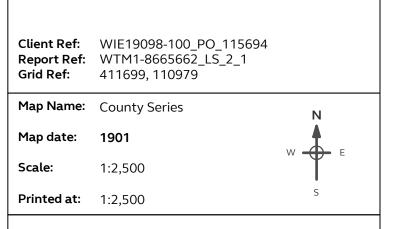
© Crown copyright and database rights 2018 Ordnance Survey 100035207

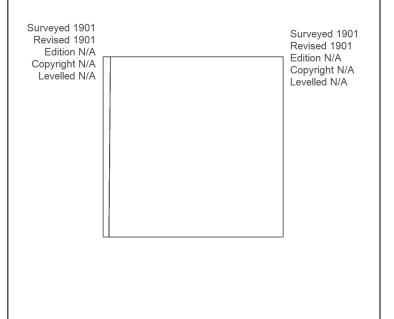
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

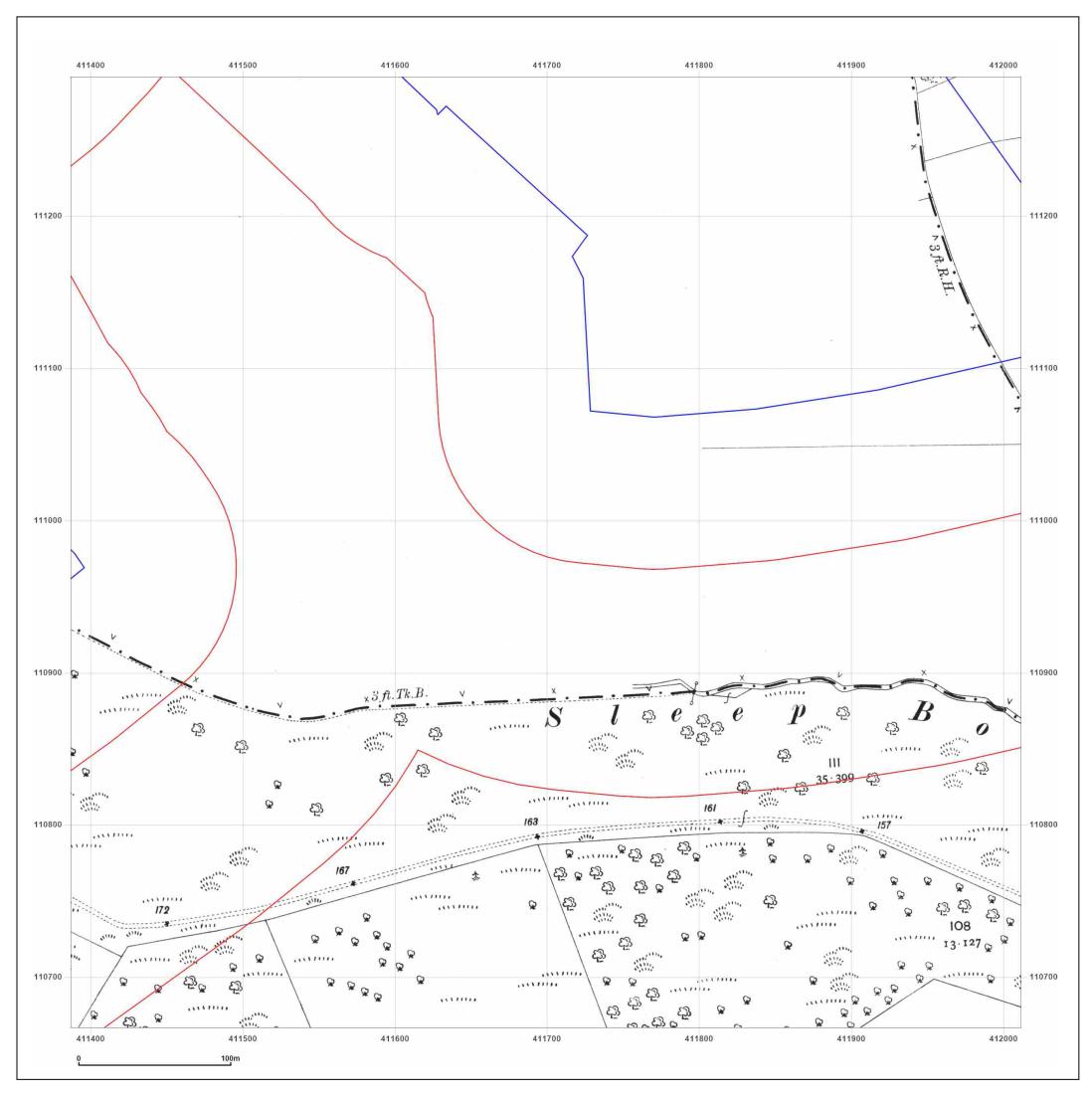






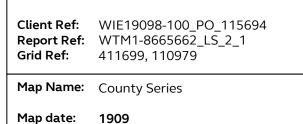
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



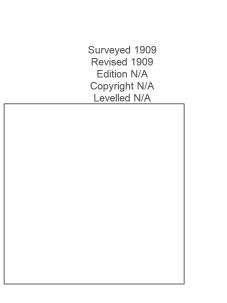


ALDERHOLT, SP6 3DF



1:2,500 Scale:

**Printed at:** 1:2,500



Ν

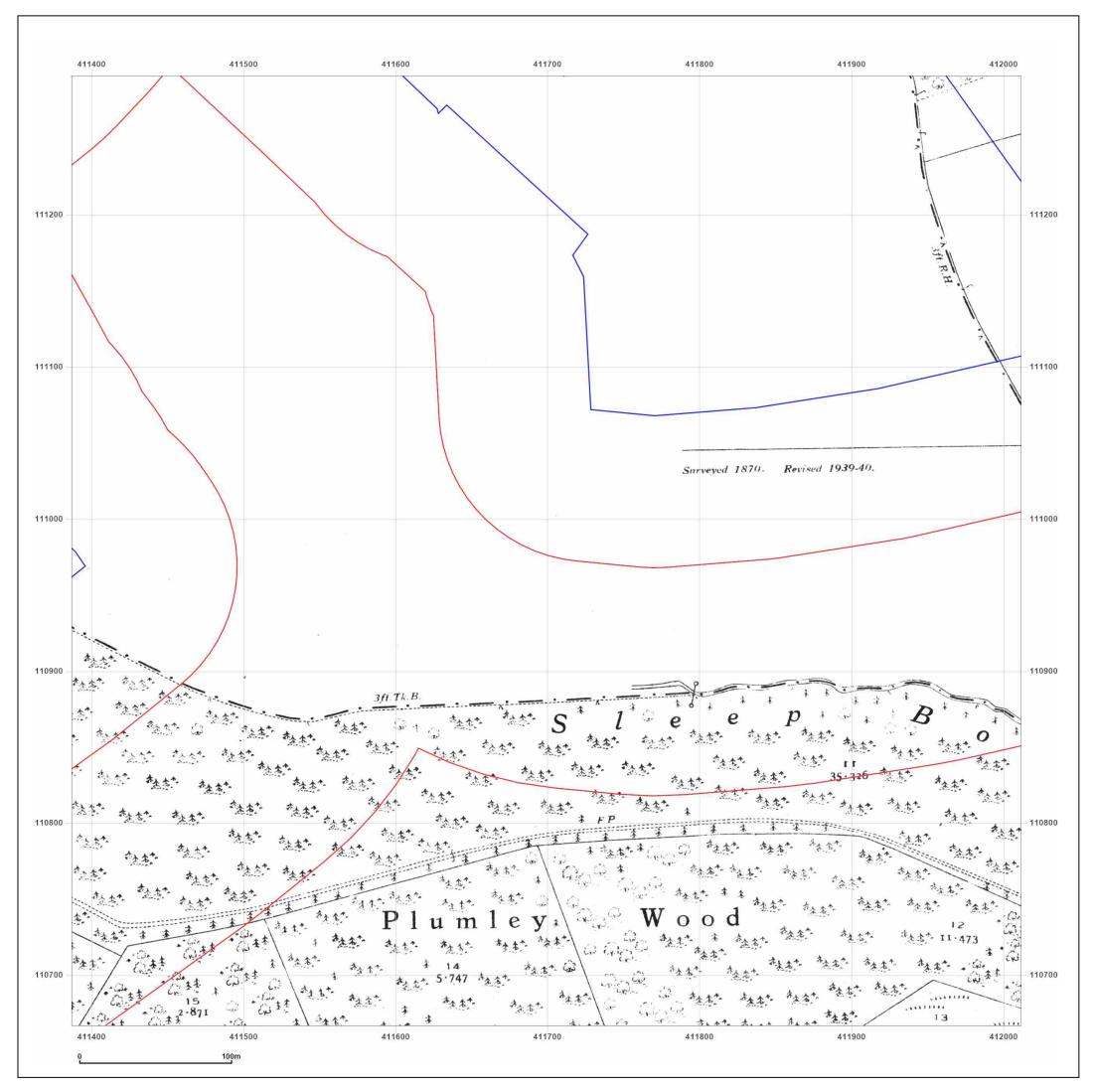
F

W



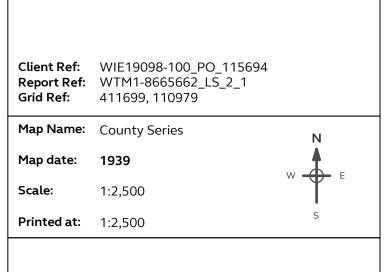
© Crown copyright and database rights 2018 Ordnance Survey 100035207

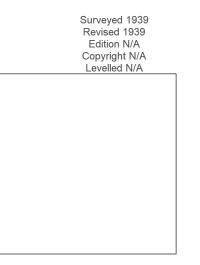
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

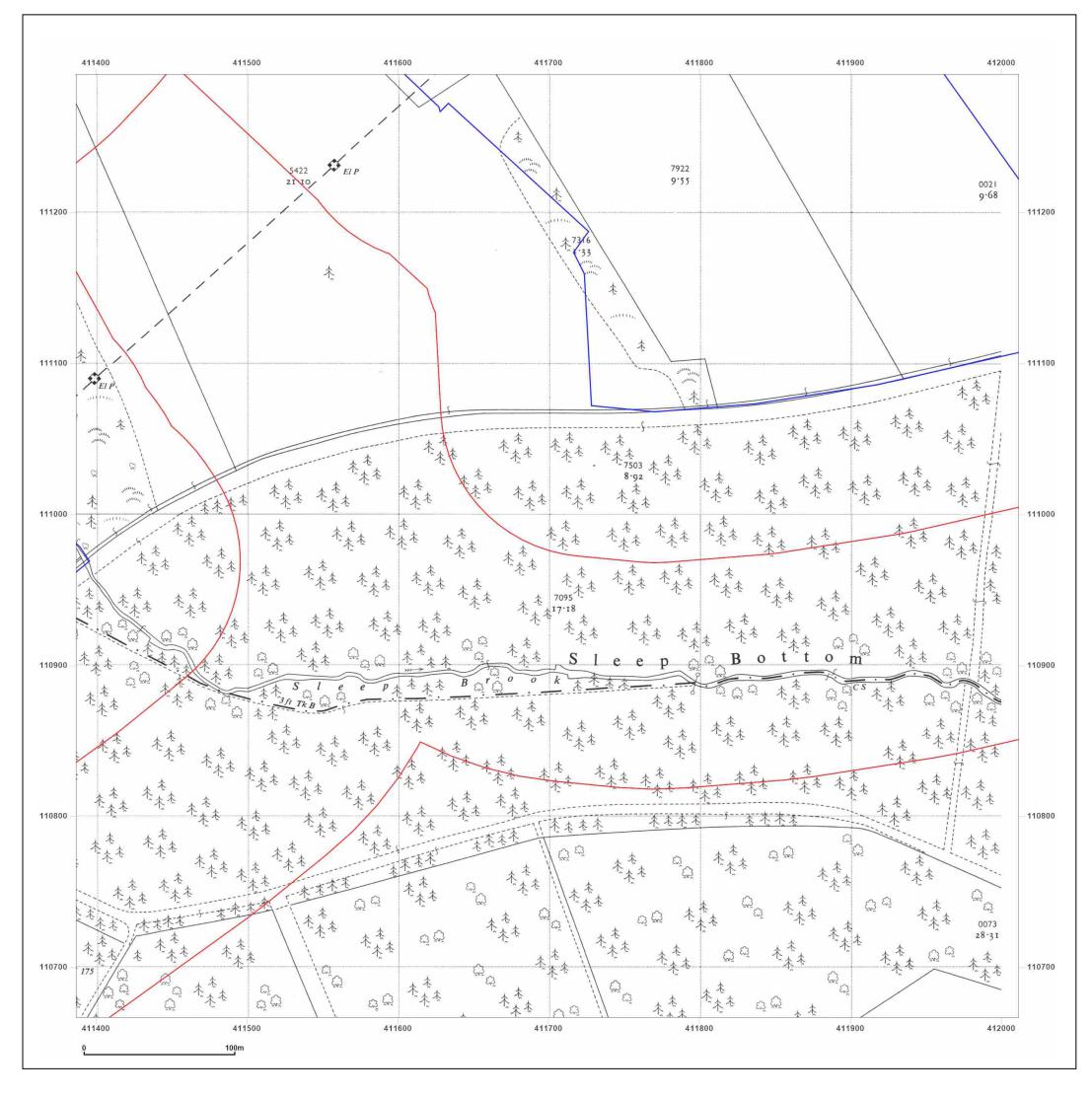






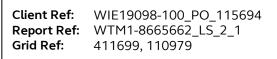
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

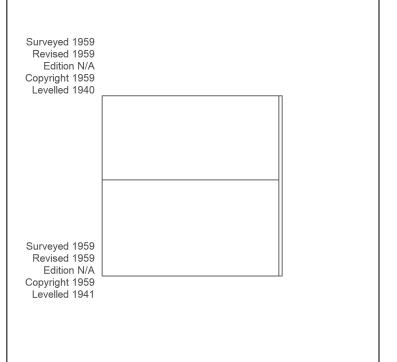


Map Name: National Grid

Map date: 1959

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

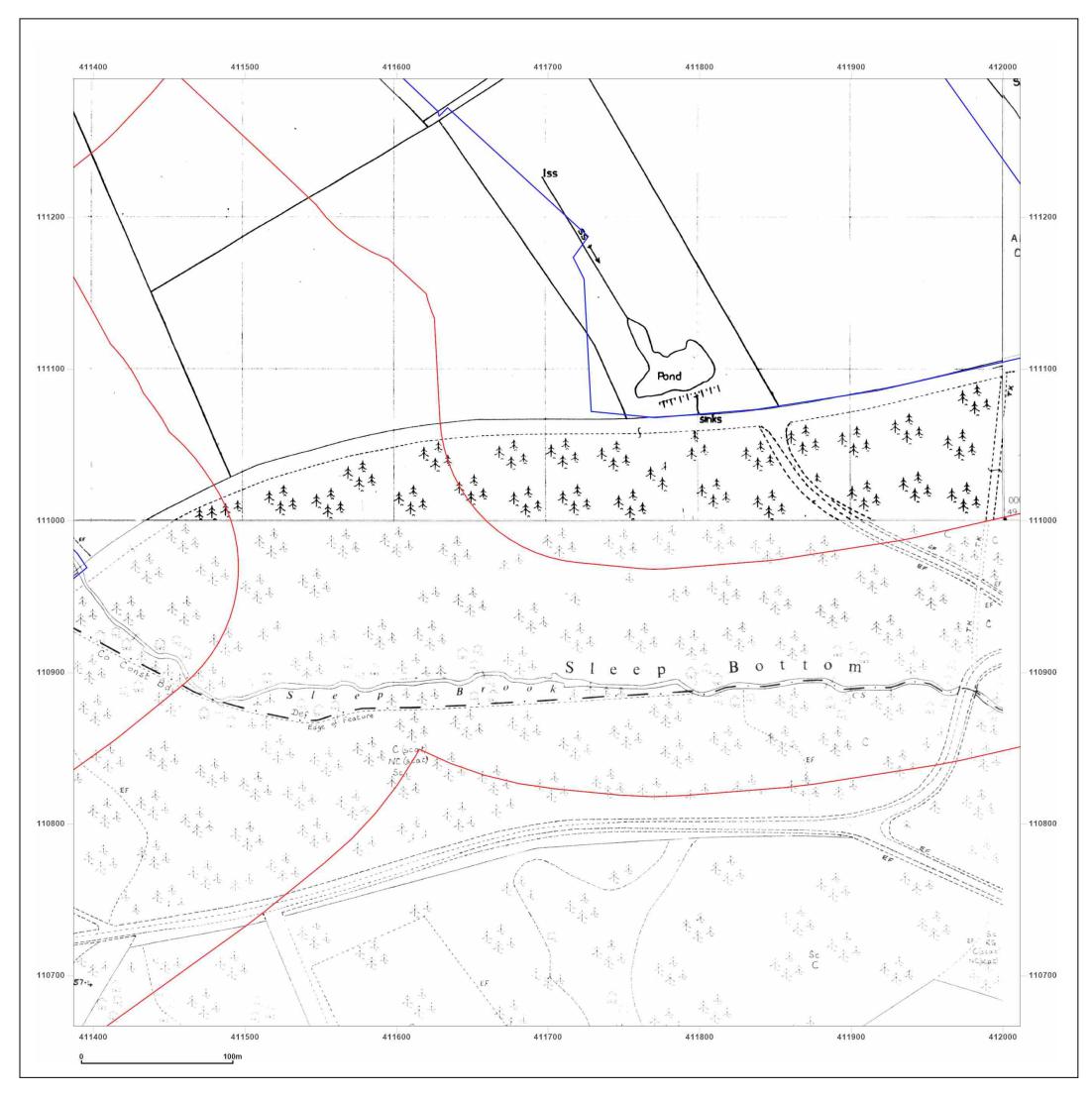
W



© Crown copyright and database rights 2018 Ordnance Survey 100035207

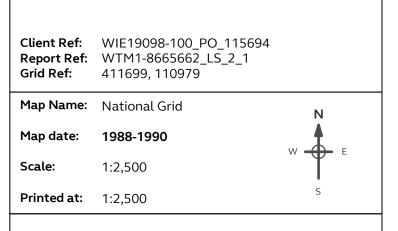
Production date: 11 April 2022

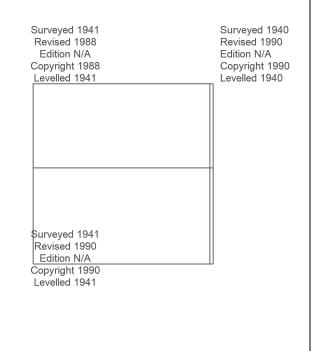
Map legend available at:





ALDERHOLT, SP6 3DF





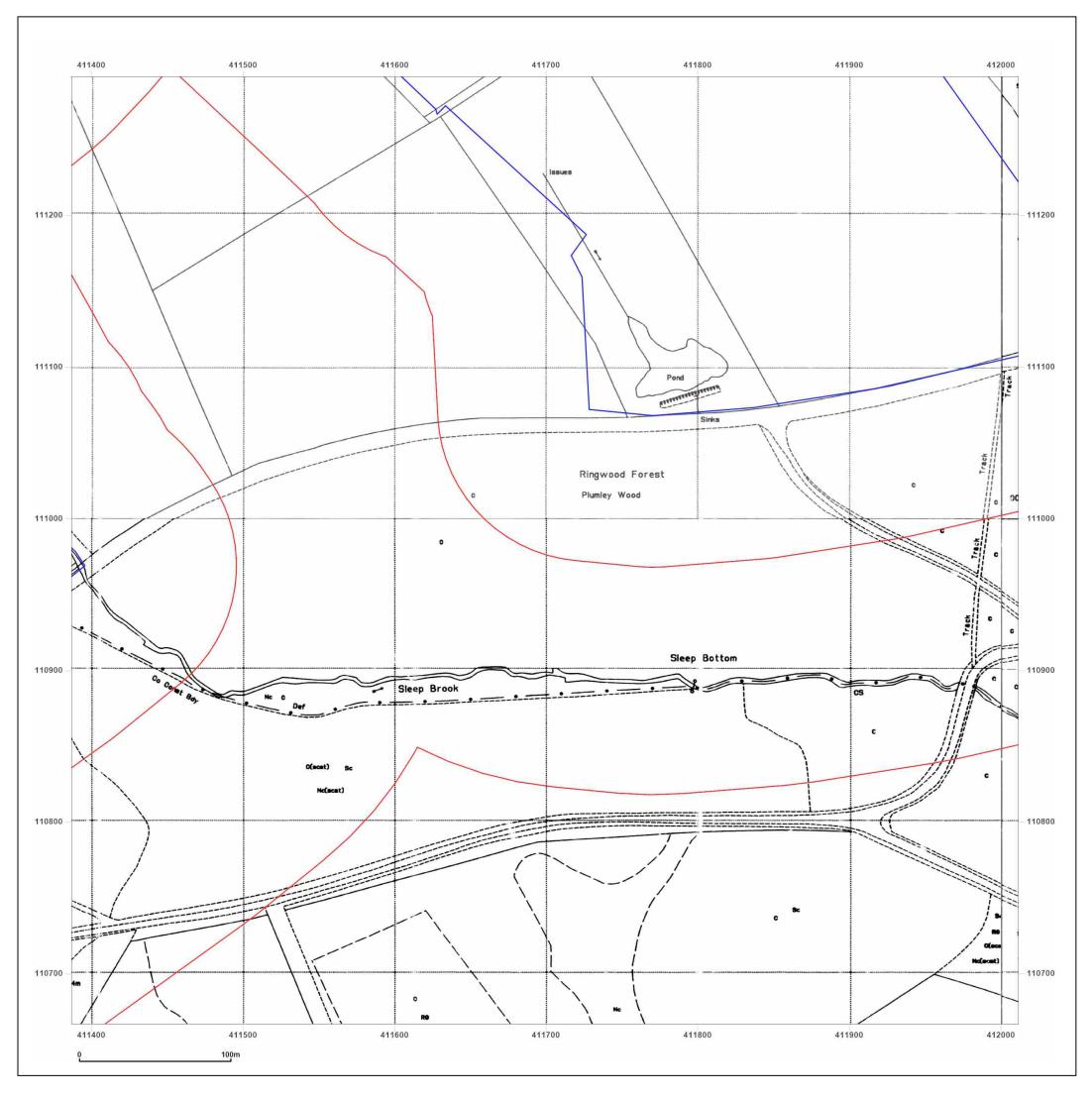


Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

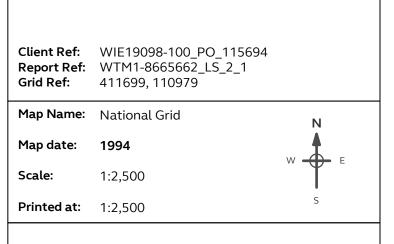
Production date: 11 April 2022

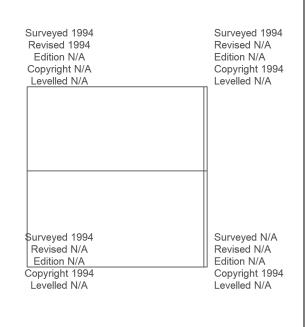
Map legend available at:





ALDERHOLT, SP6 3DF





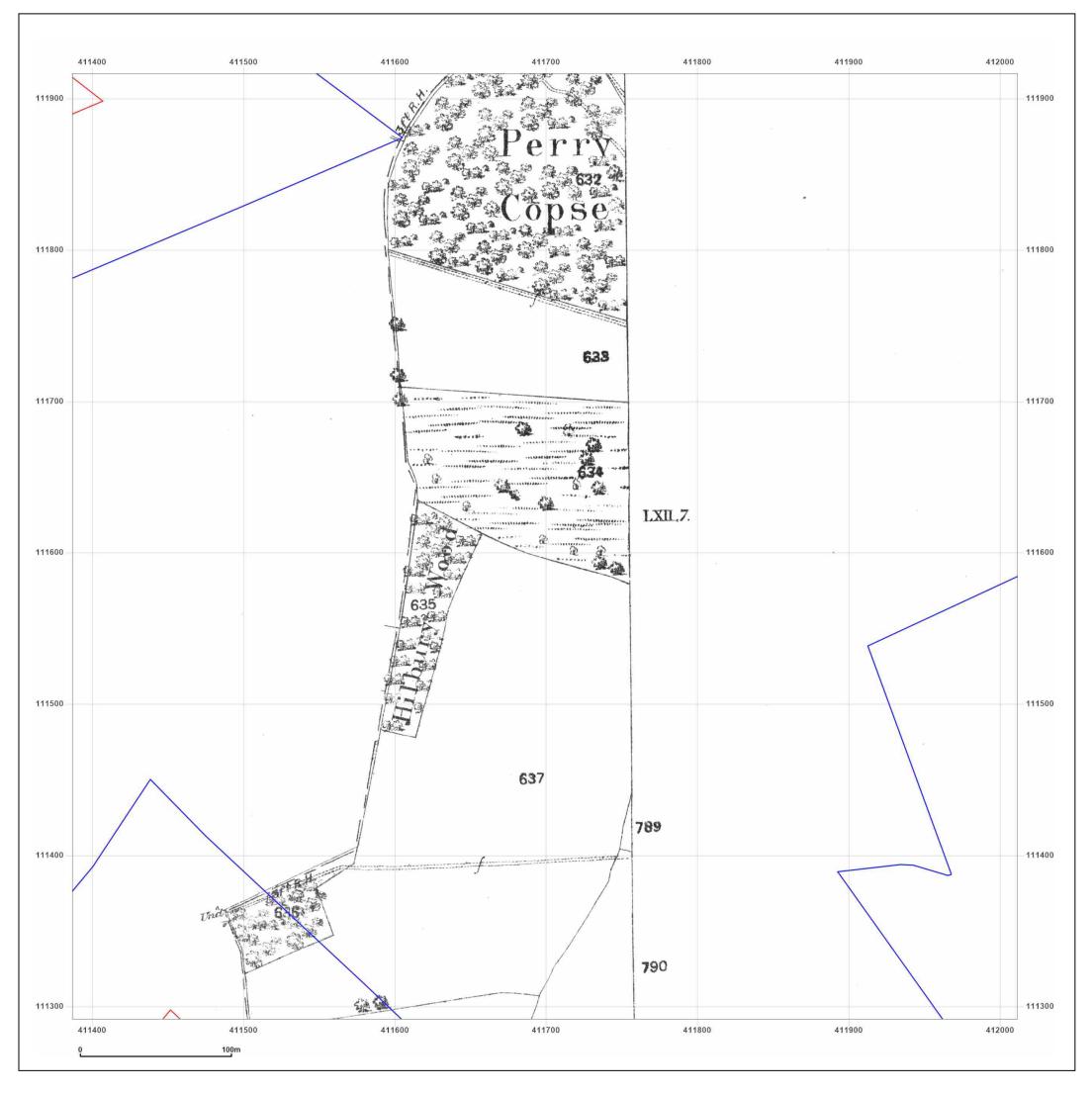


Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

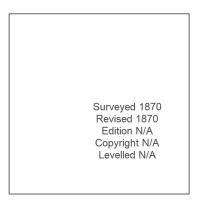
Map legend available at:





ALDERHOLT, SP6 3DF

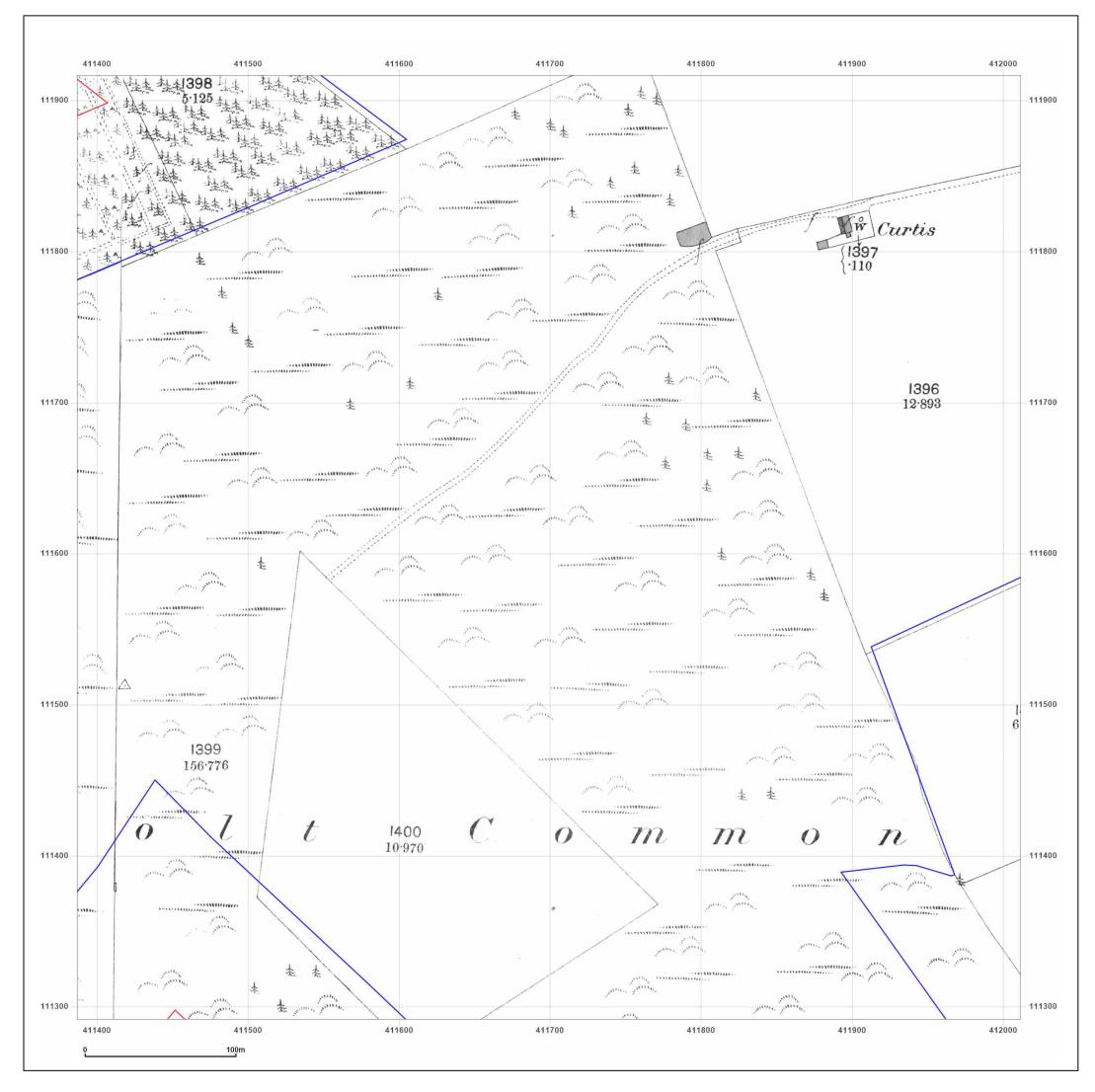
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
Map Name:	County Series	N
Map date:	1870	
Scale:	1:2,500	ΨΤ
Printed at:	1:2,500	S





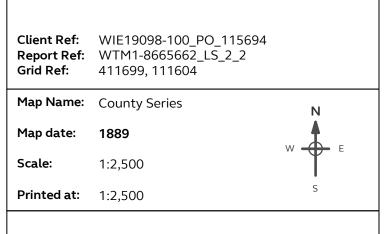
© Crown copyright and database rights 2018 Ordnance Survey 100035207

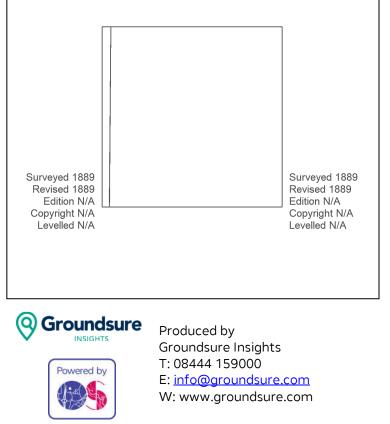
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

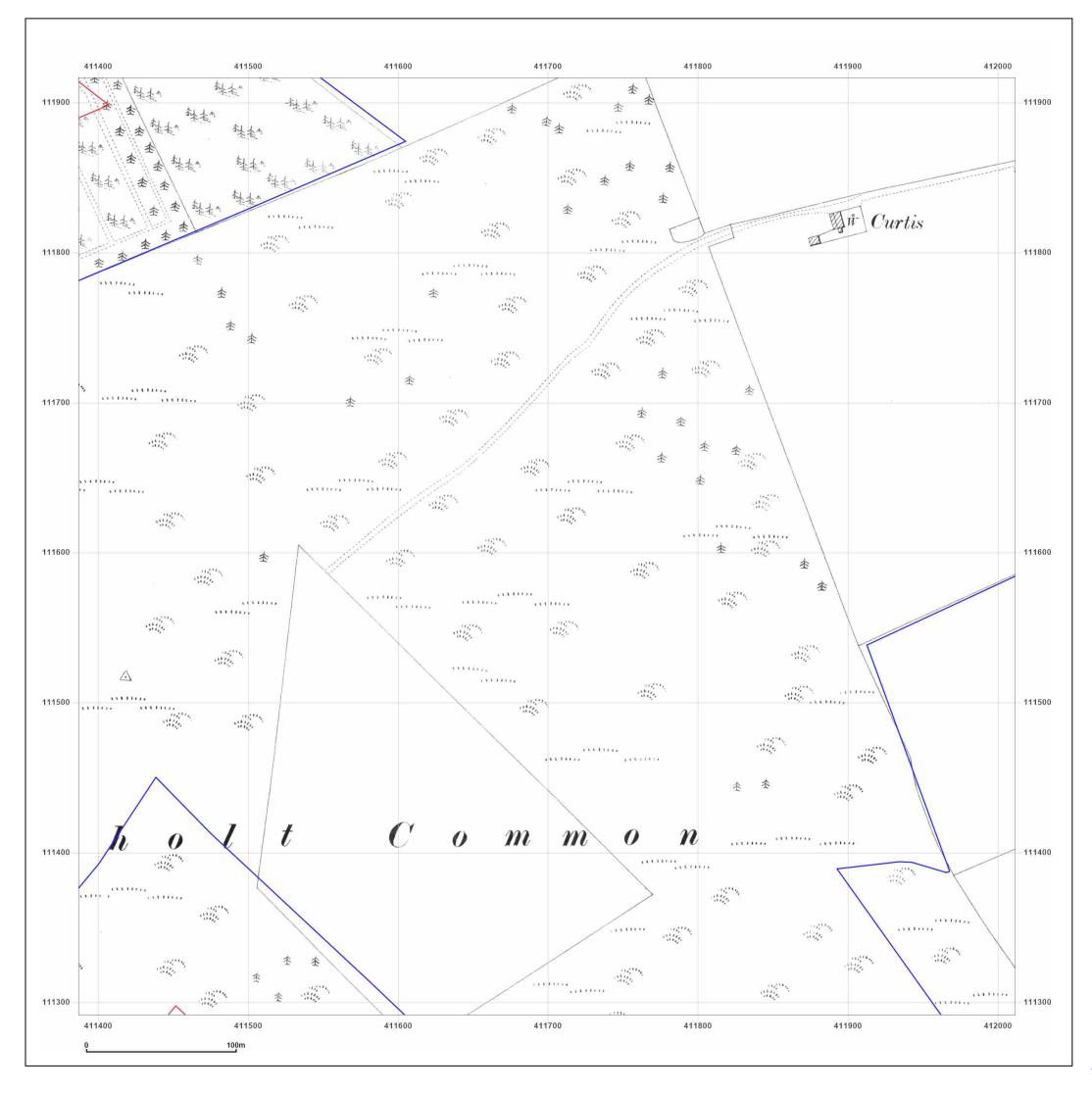




© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

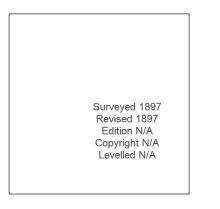
Map legend available at:





ALDERHOLT, SP6 3DF

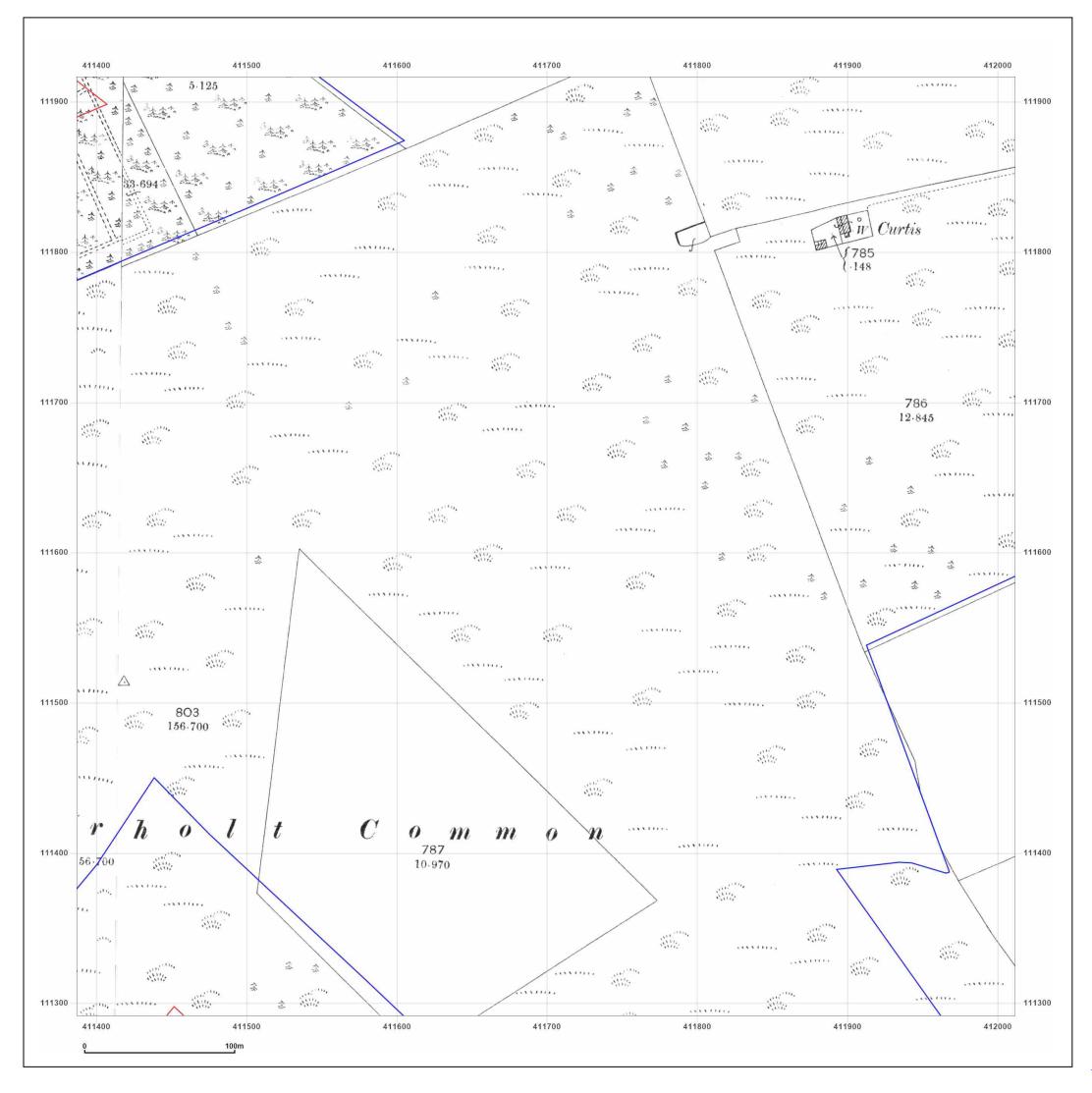
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
Map Name:	County Series	N
Map date:	1897	
Scale:	1:2,500	Ψ
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

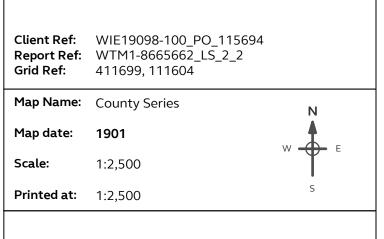


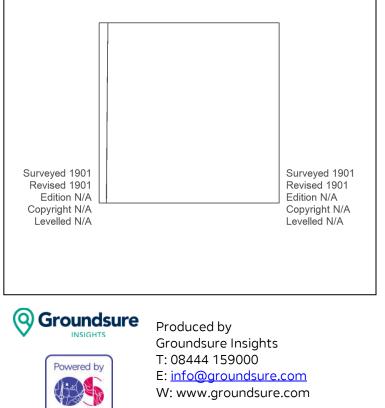
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



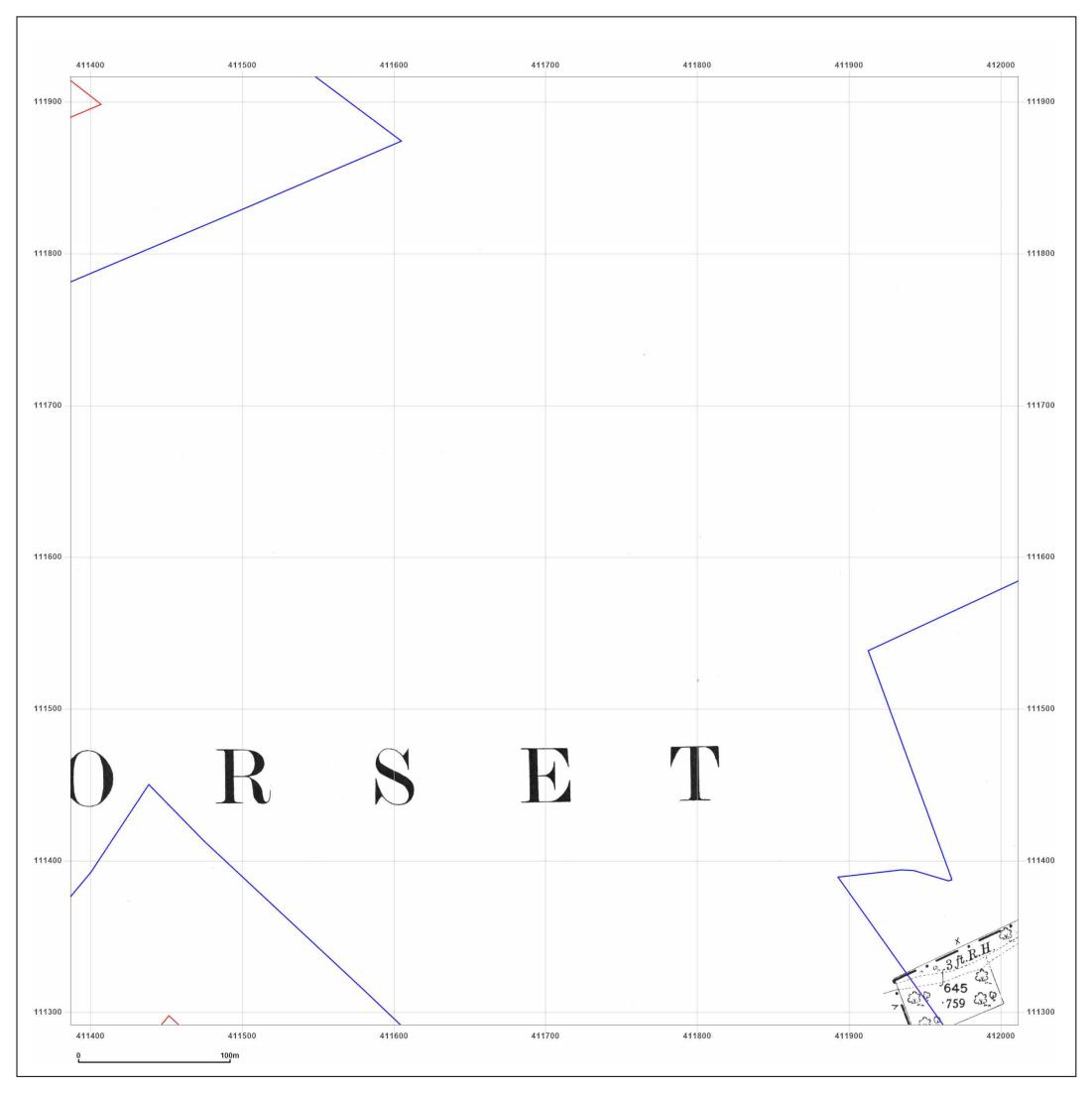
Site Details:

ALDERHOLT, SP6 3DF





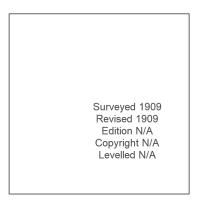
O Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

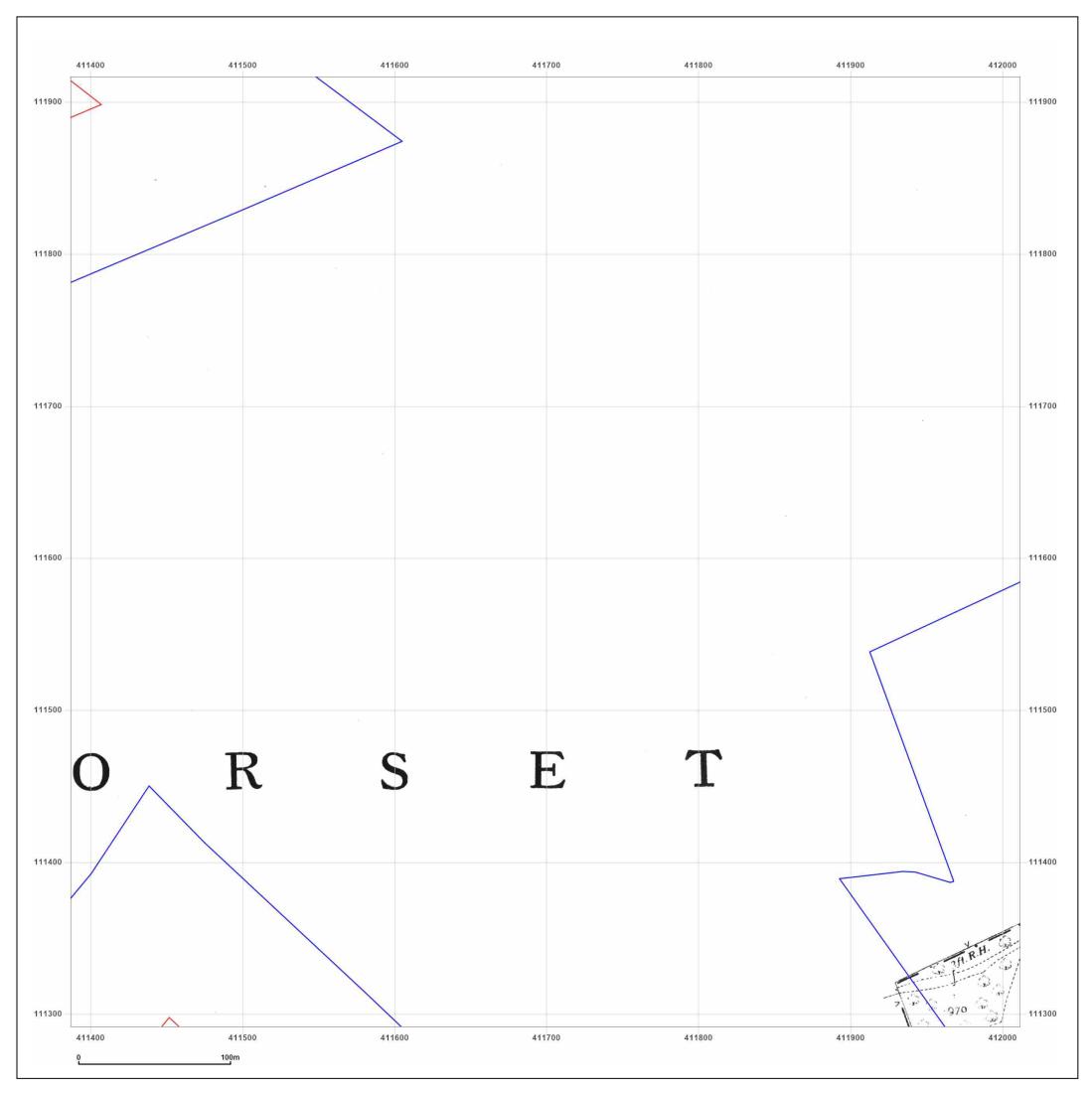
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
Map Name:	County Series	N
Map date:	1909	
Scale:	1:2,500	Ψ
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

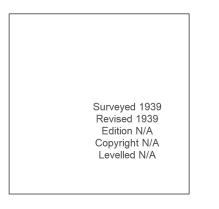
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

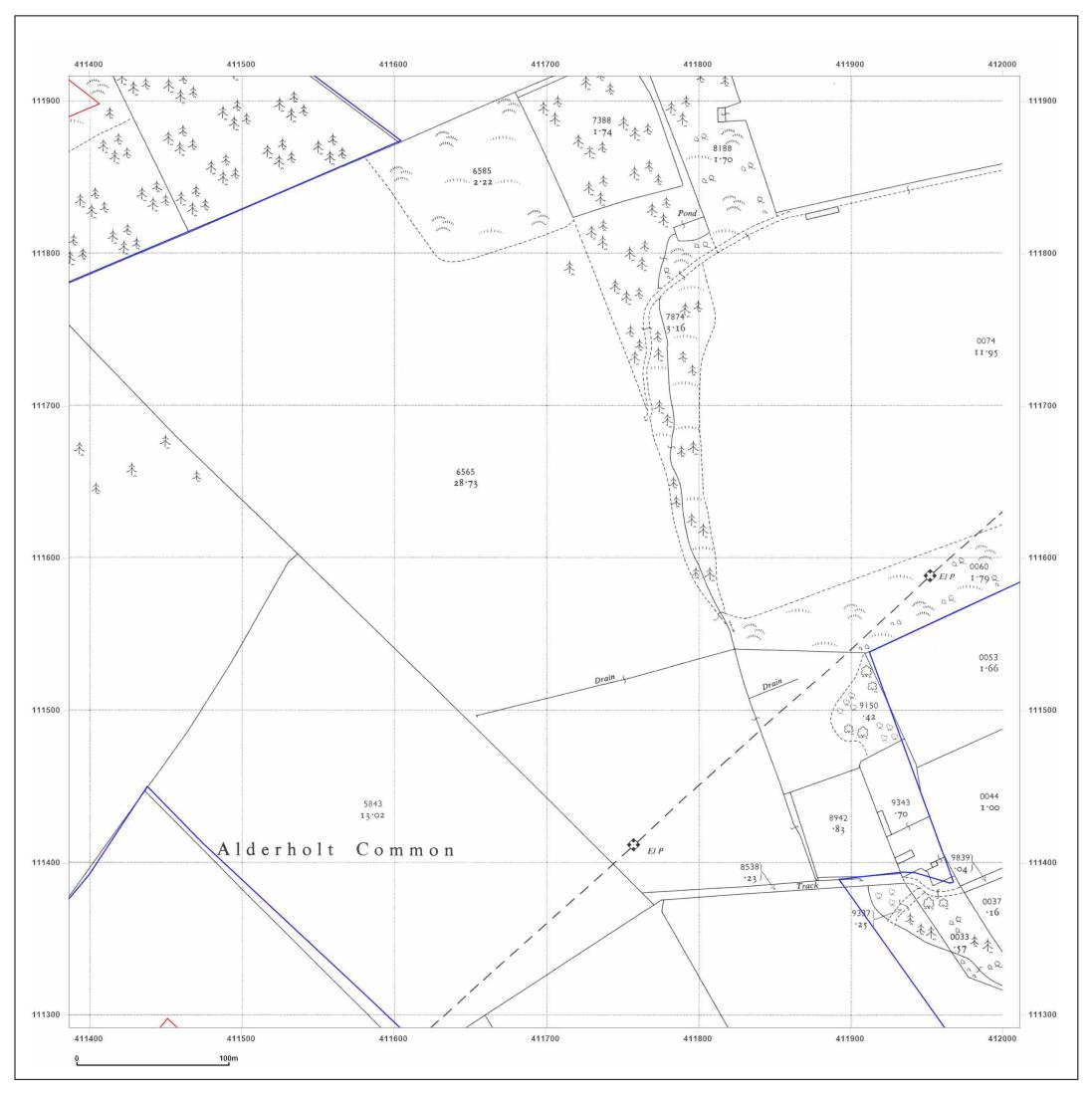
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
Map Name:	County Series	Ν
Map date:	1939	
Scale:	1:2,500	Ψ Ψ
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

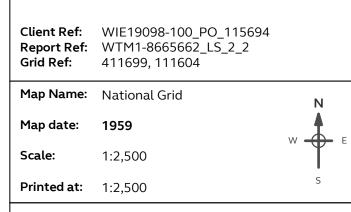


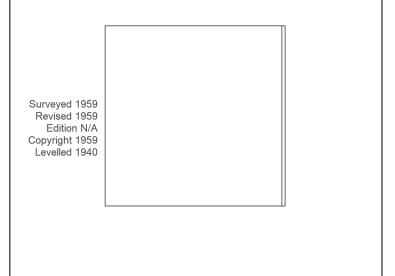
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

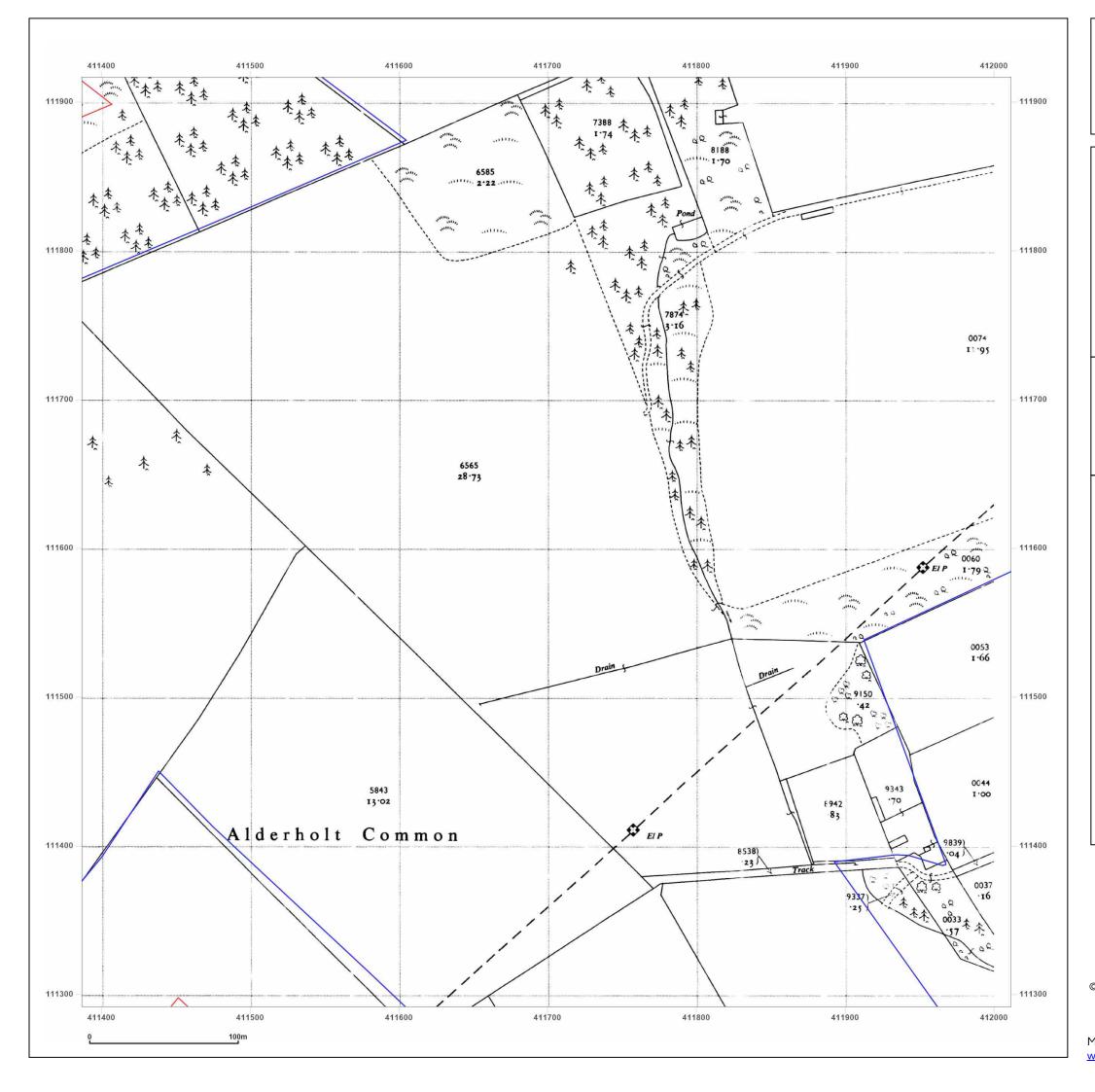
ALDERHOLT, SP6 3DF







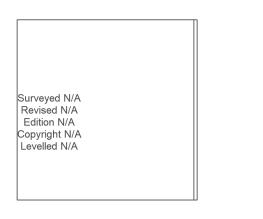
 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
Map Name:	National Grid	N
Map date:	1959	
Scale:	1:2,500	ΨŢ
Printed at:	1:2,500	S

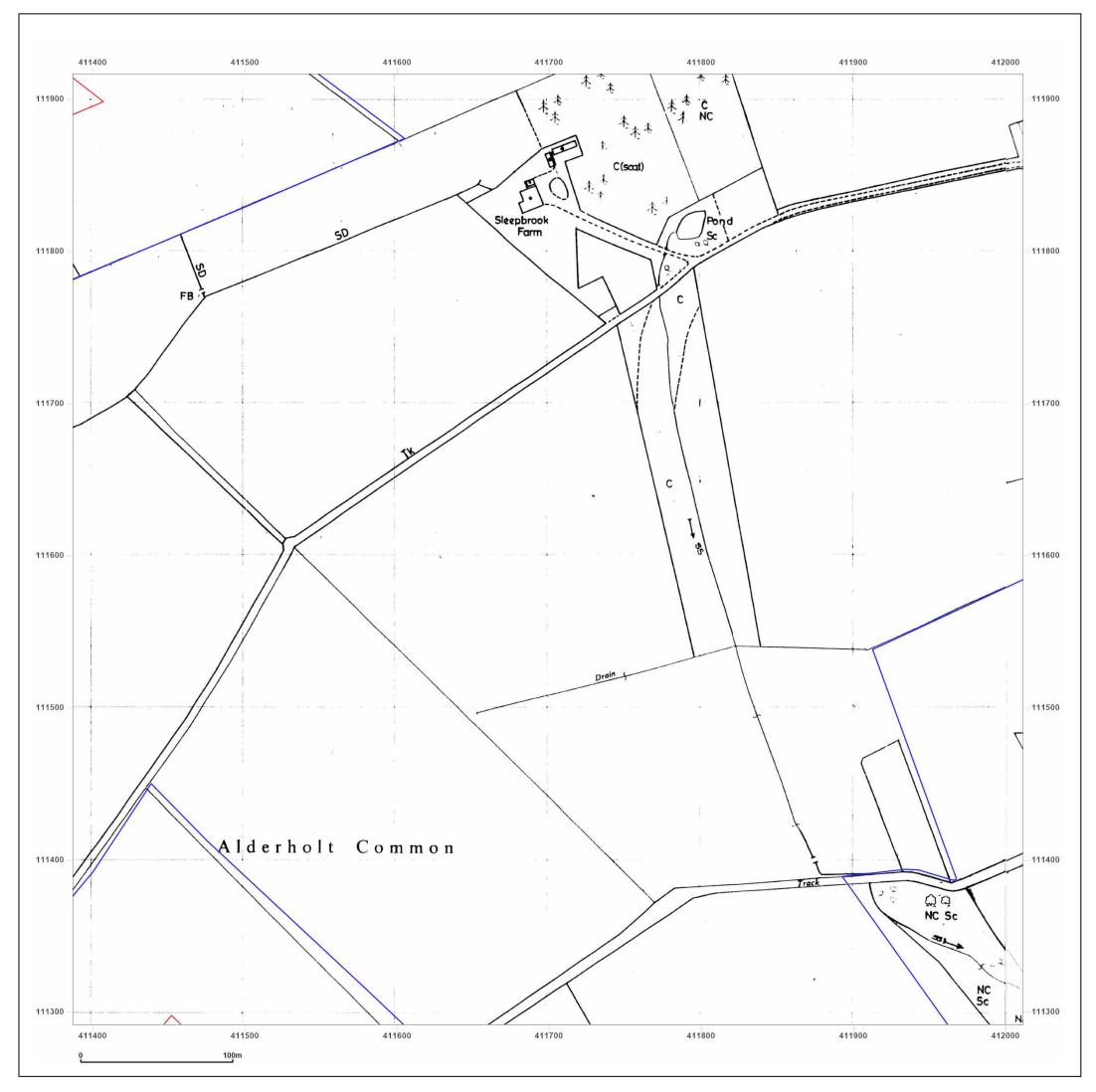




© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

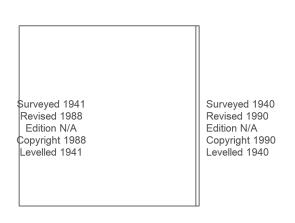
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure.legend.pdf">www.groundsure.legend.pdf</a>





ALDERHOLT, SP6 3DF

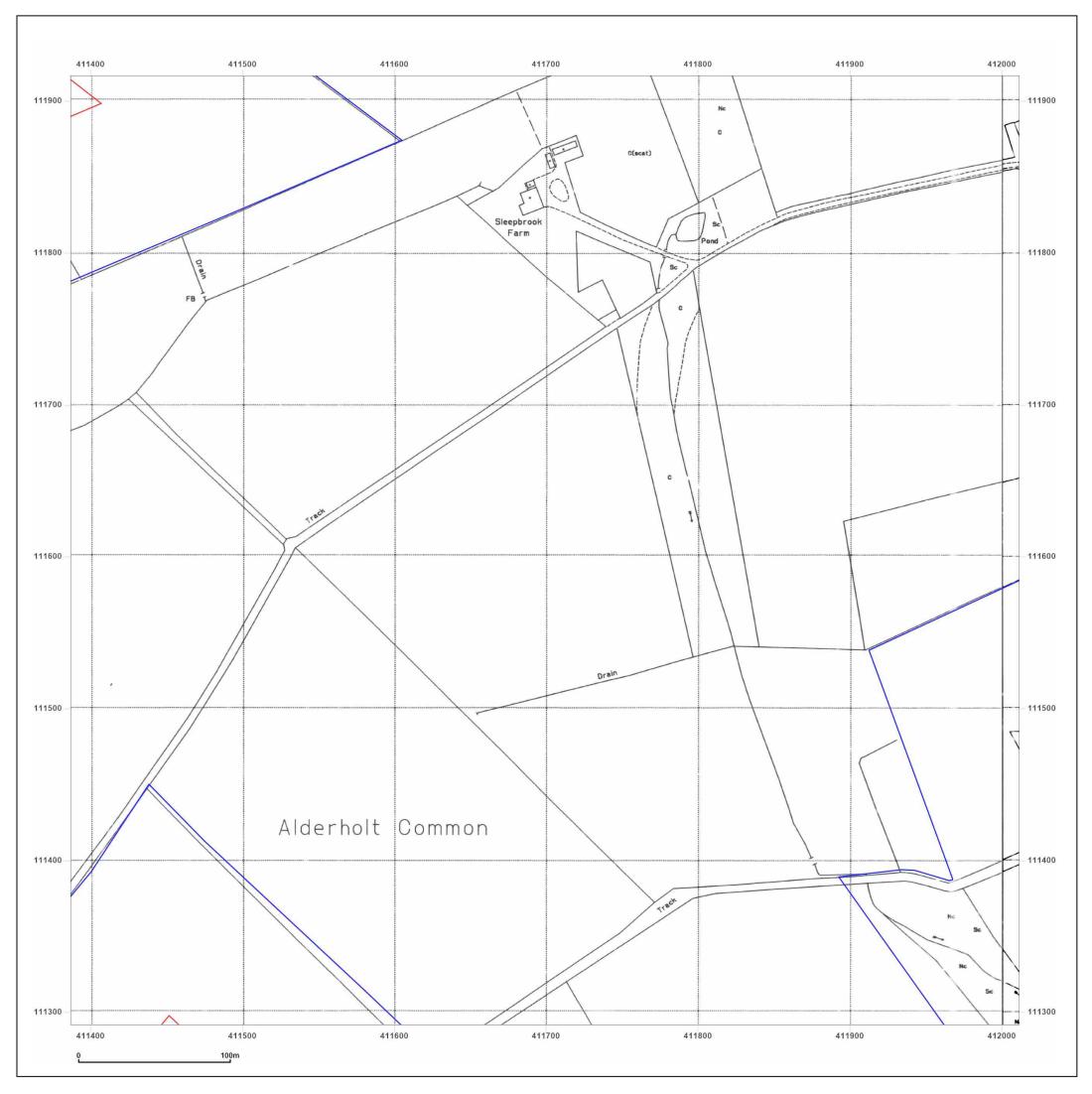
WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
National Grid	N
1988-1990	
1:2,500	ΨΨ L
1:2,500	S
	WTM1-8665662_LS_2_2 411699, 111604 National Grid <b>1988-1990</b> 1:2,500





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



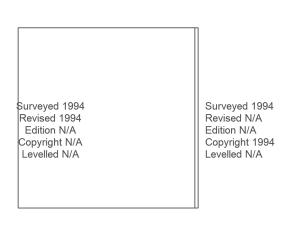
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

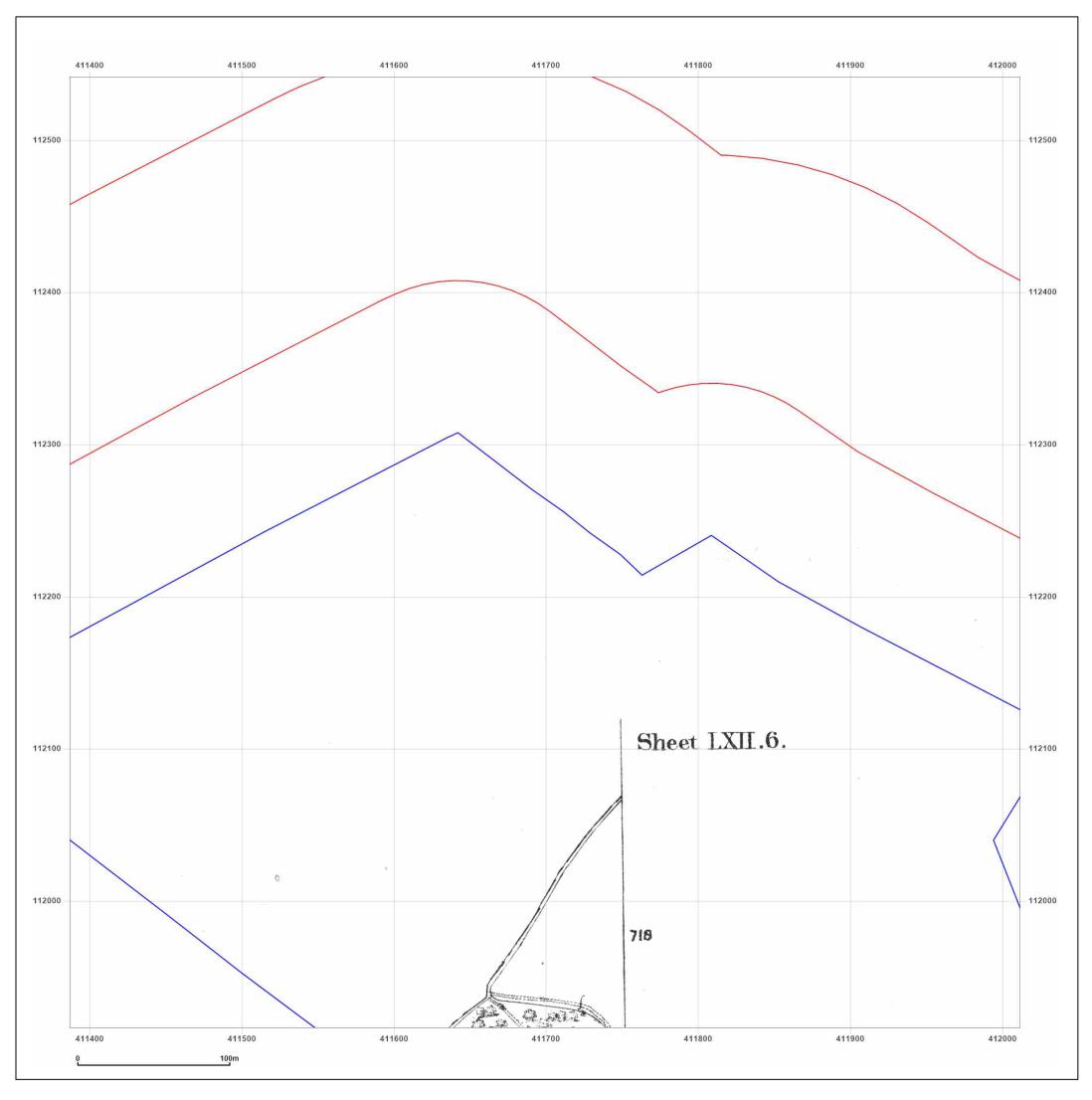
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_2 411699, 111604	
Map Name:	National Grid	N
Map date:	1994	
Scale:	1:2,500	ΨΤ
Printed at:	1:2,500	S





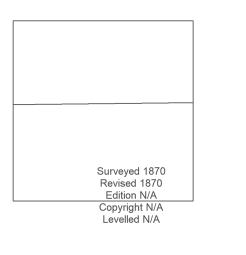
 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

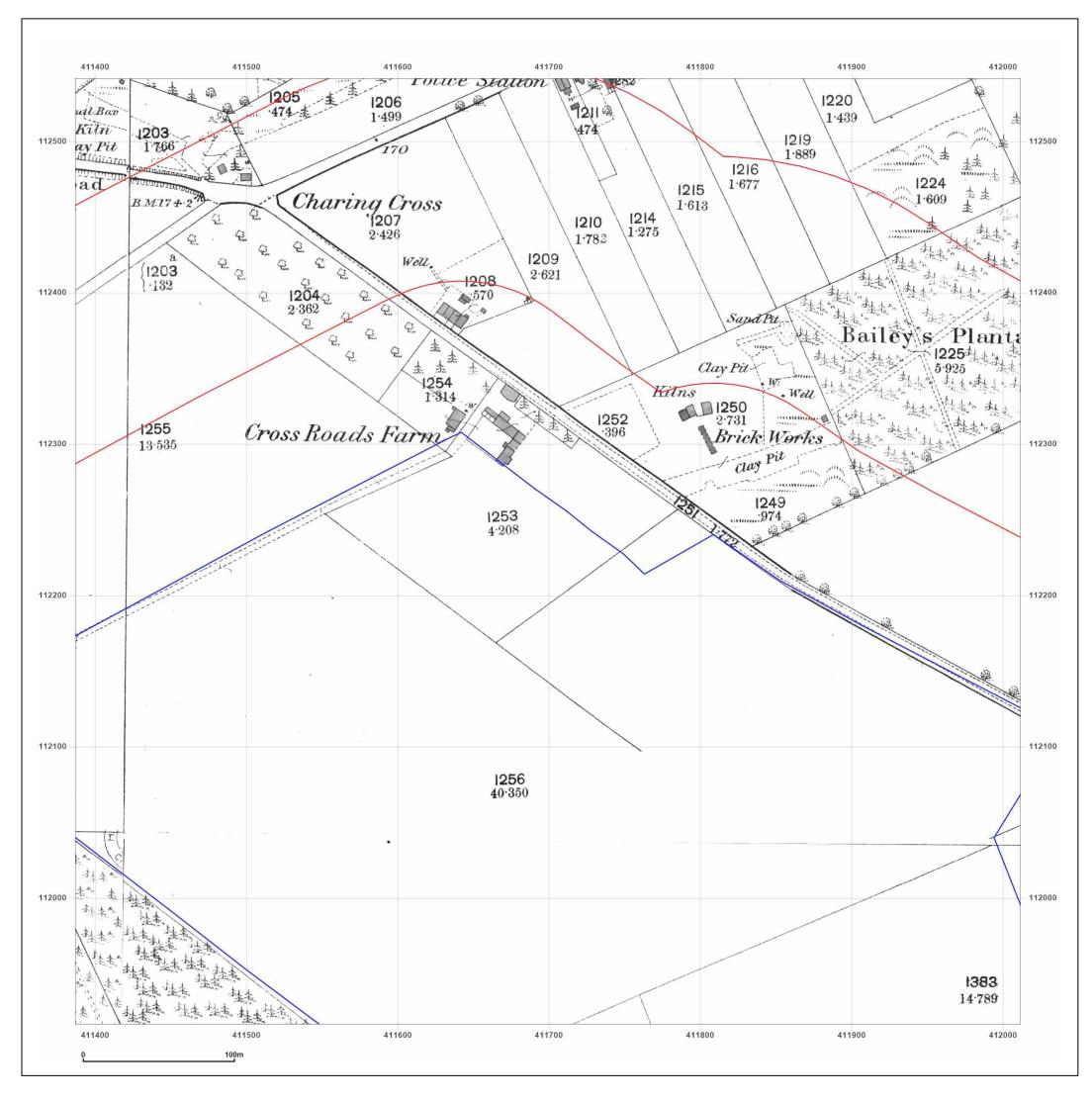
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_3 411699, 112229	
Map Name:	County Series	N
Map date:	1870	
Scale:	1:2,500	ΨΤ
Printed at:	1:2,500	S





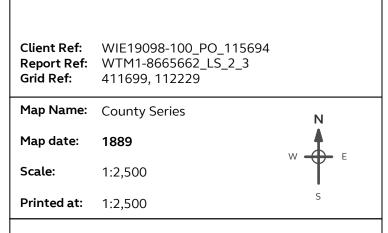
© Crown copyright and database rights 2018 Ordnance Survey 100035207

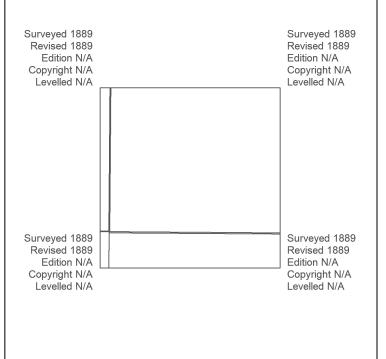
Production date: 11 April 2022





ALDERHOLT, SP6 3DF





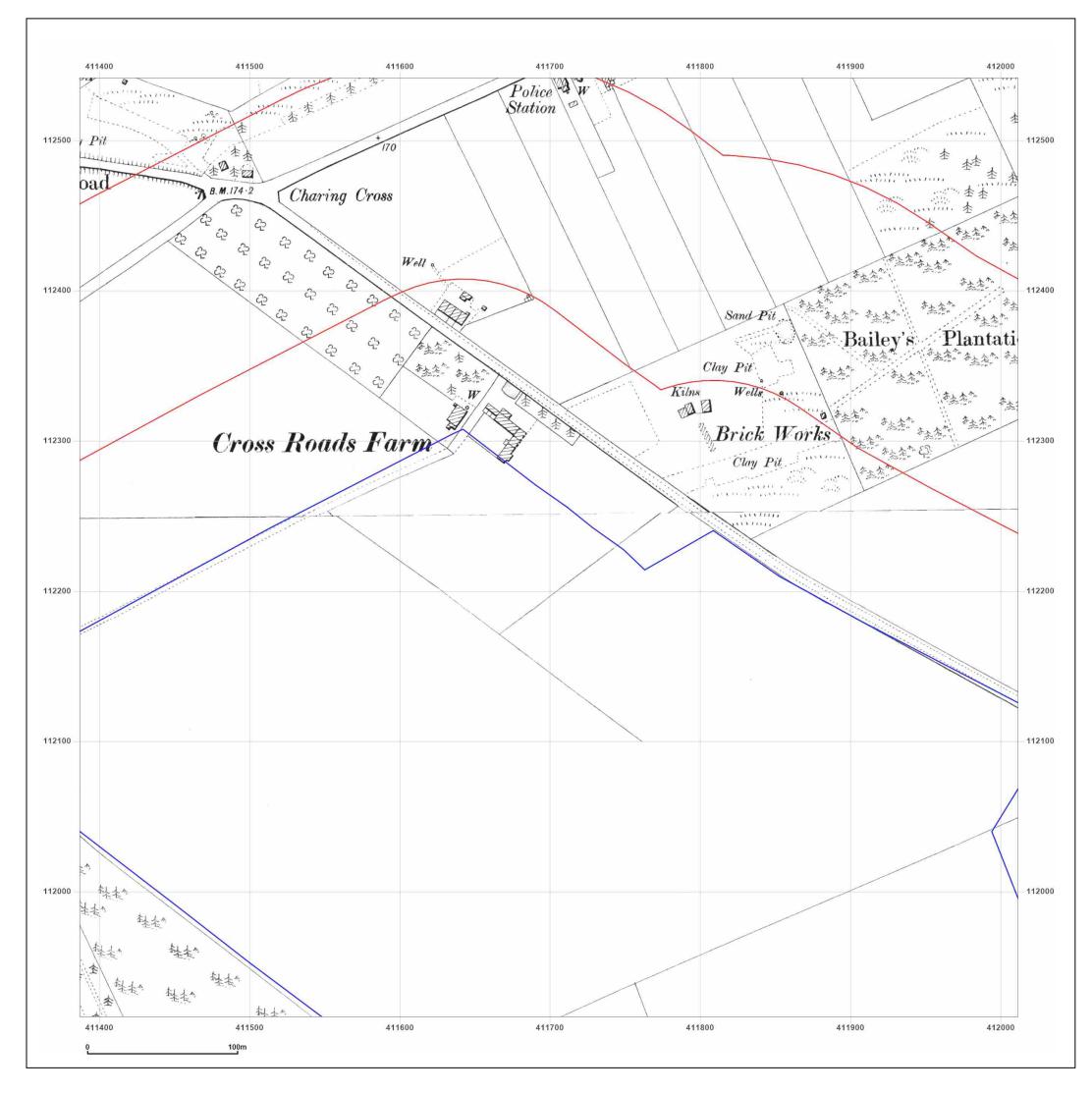


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

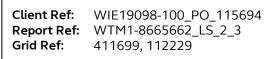
Map legend available at:

www.groundsure.com/sites/default/files/groundsure\_legend.pdf





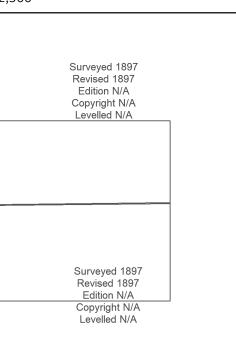
ALDERHOLT, SP6 3DF



Map Name:	County Series
Map date:	1897

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

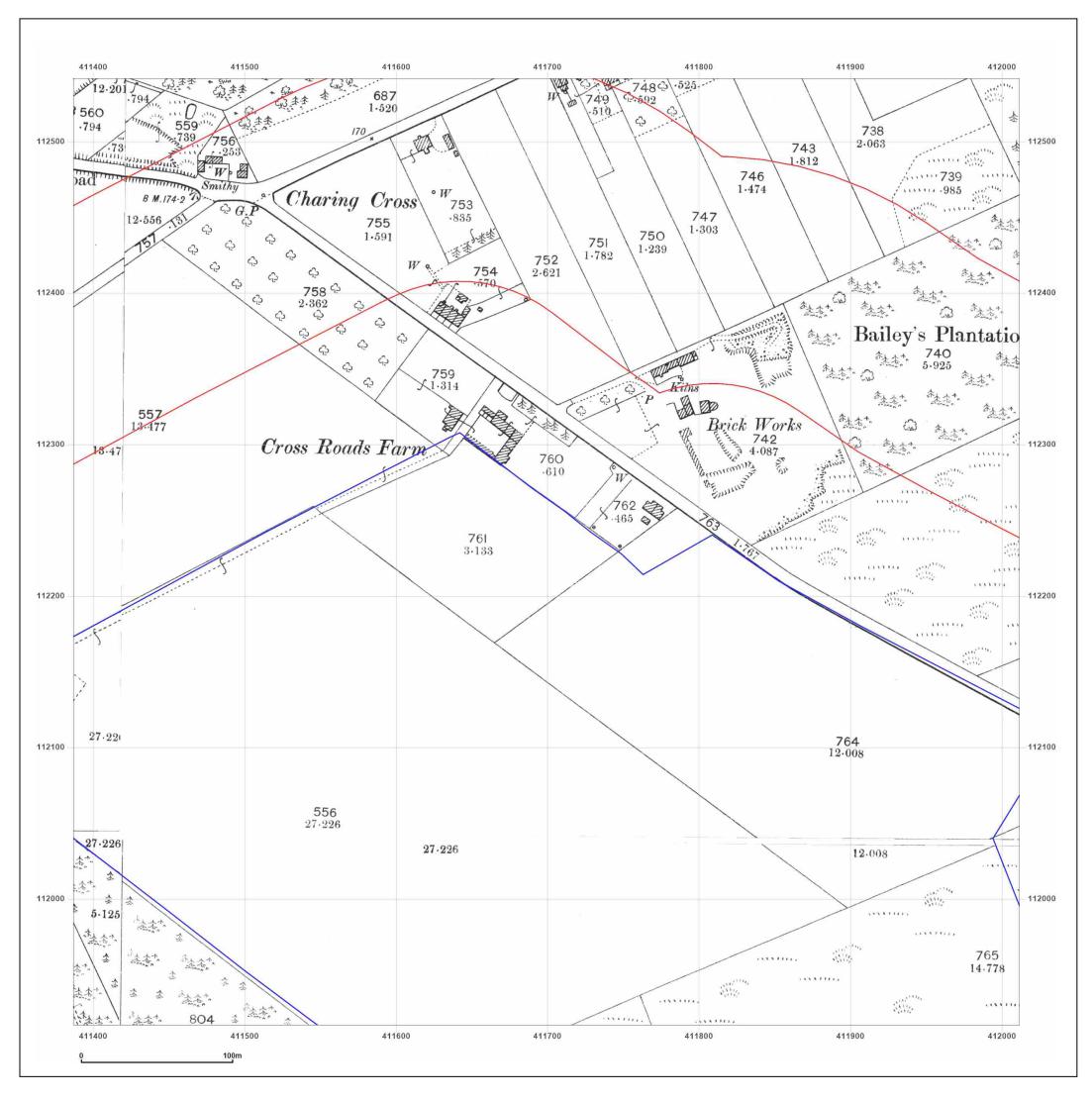
F

W



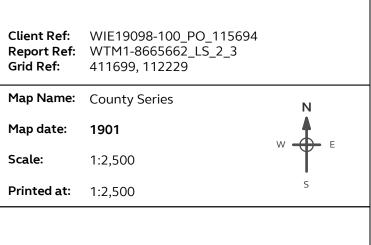
© Crown copyright and database rights 2018 Ordnance Survey 100035207

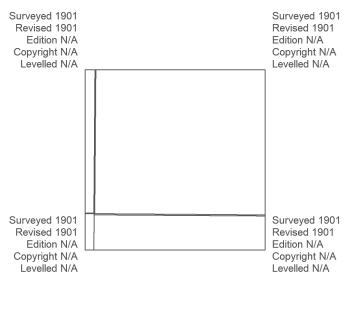
Production date: 11 April 2022











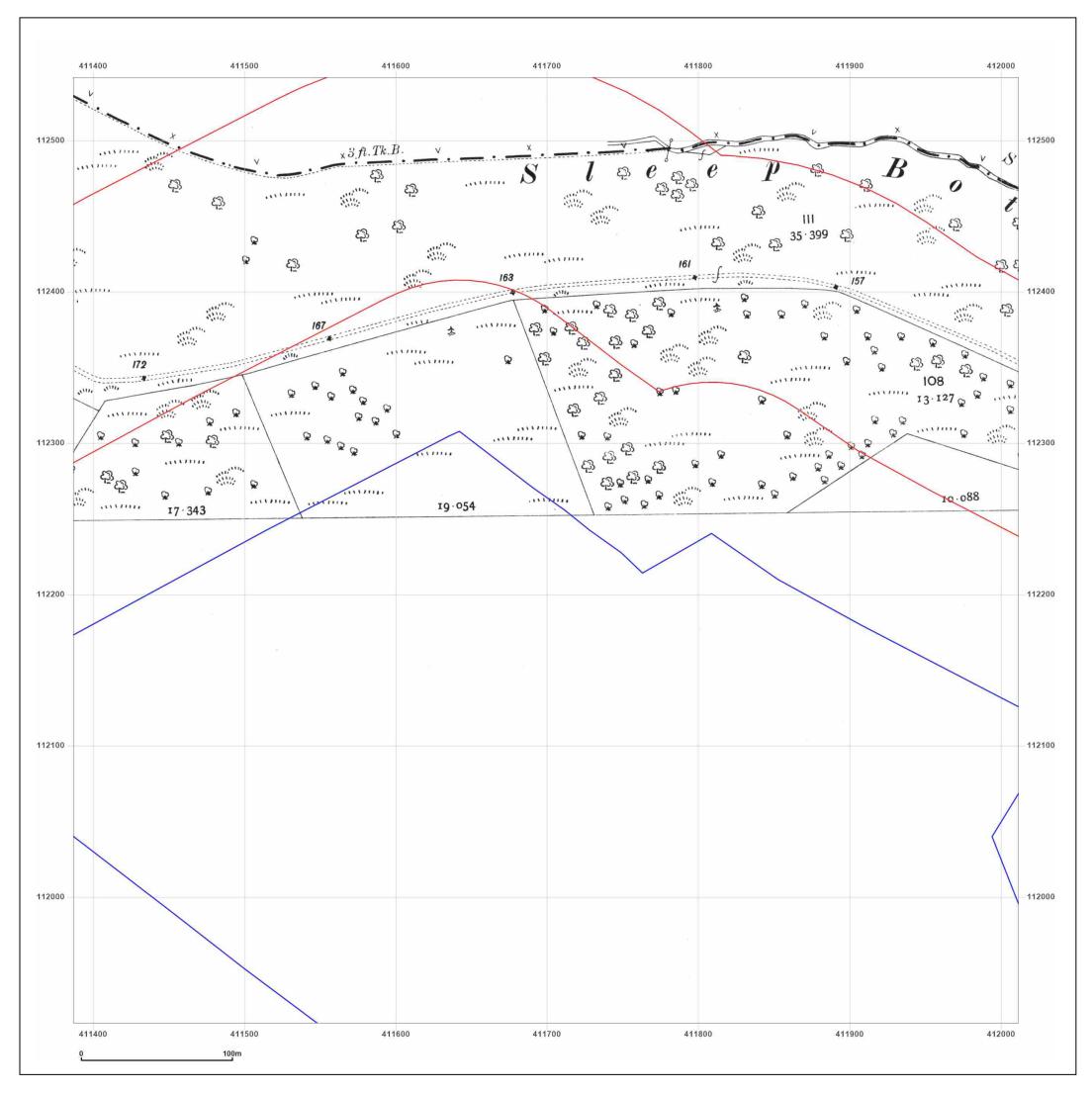


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

www.groundsure.com/sites/default/files/groundsure\_legend.pdf

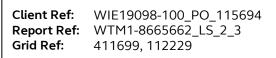


Map legend available at: www.groundsure.com/sites/default/files/groundsure\_legend.pdf

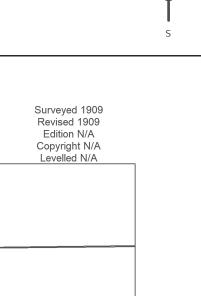


Site Details:

ALDERHOLT, SP6 3DF



- Map Name: County Series
- Map date: 1909
- **Scale:** 1:2,500
- **Printed at:** 1:2,500



Ν

F

W

 Produced by

 Groundsure Insights

 T: 08444 159000

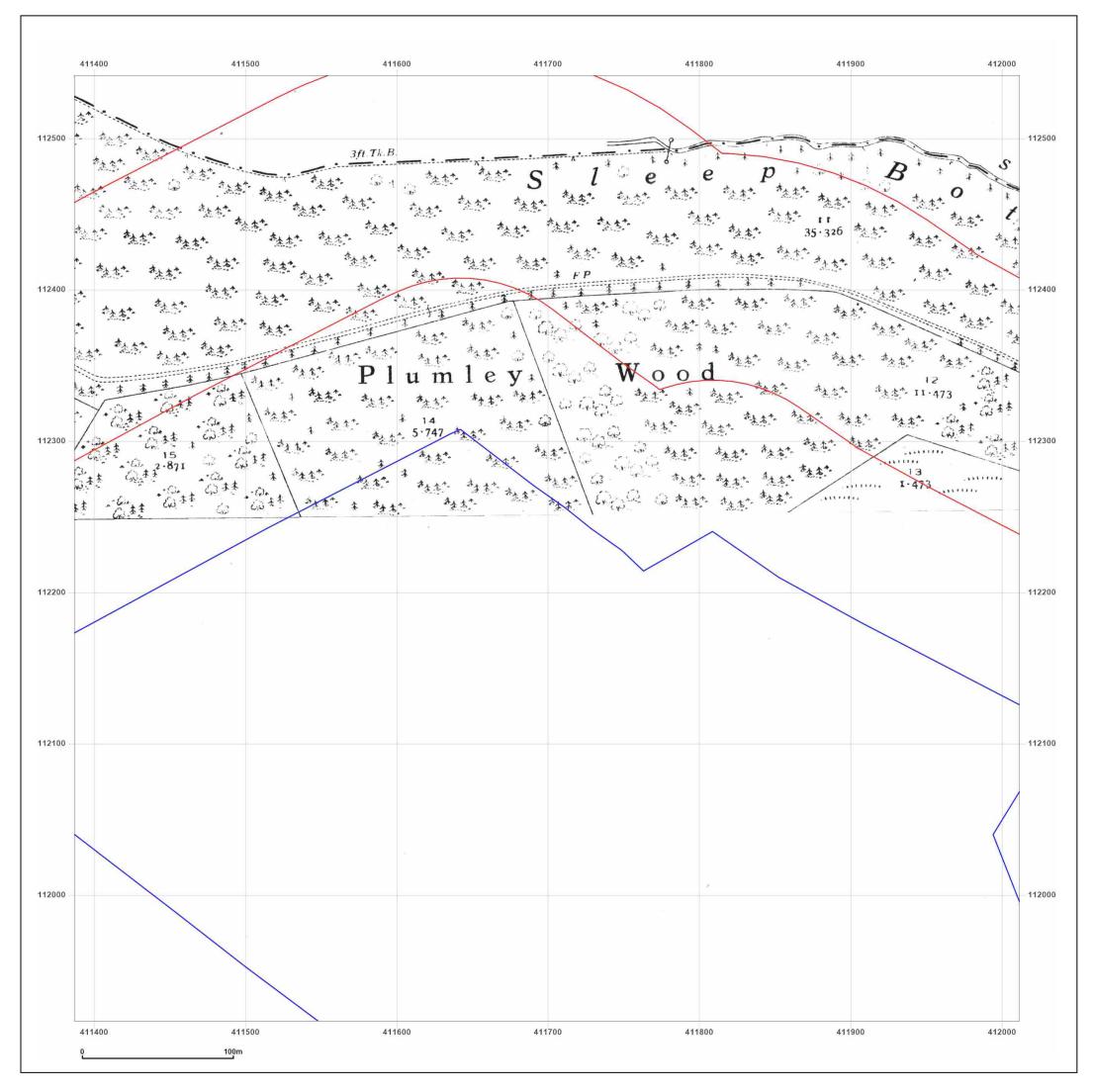
 E: info@groundsure.com

 W: www.groundsure.com

Surveyed 1909

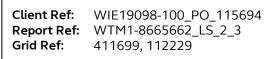
Revised 1909 Edition N/A Copyright N/A Levelled N/A

O Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

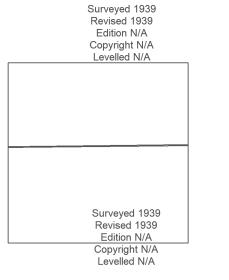


- Map Name: County Series
- 1939 Map date:

1:2,500 Scale:

**Printed at:** 1:2,500

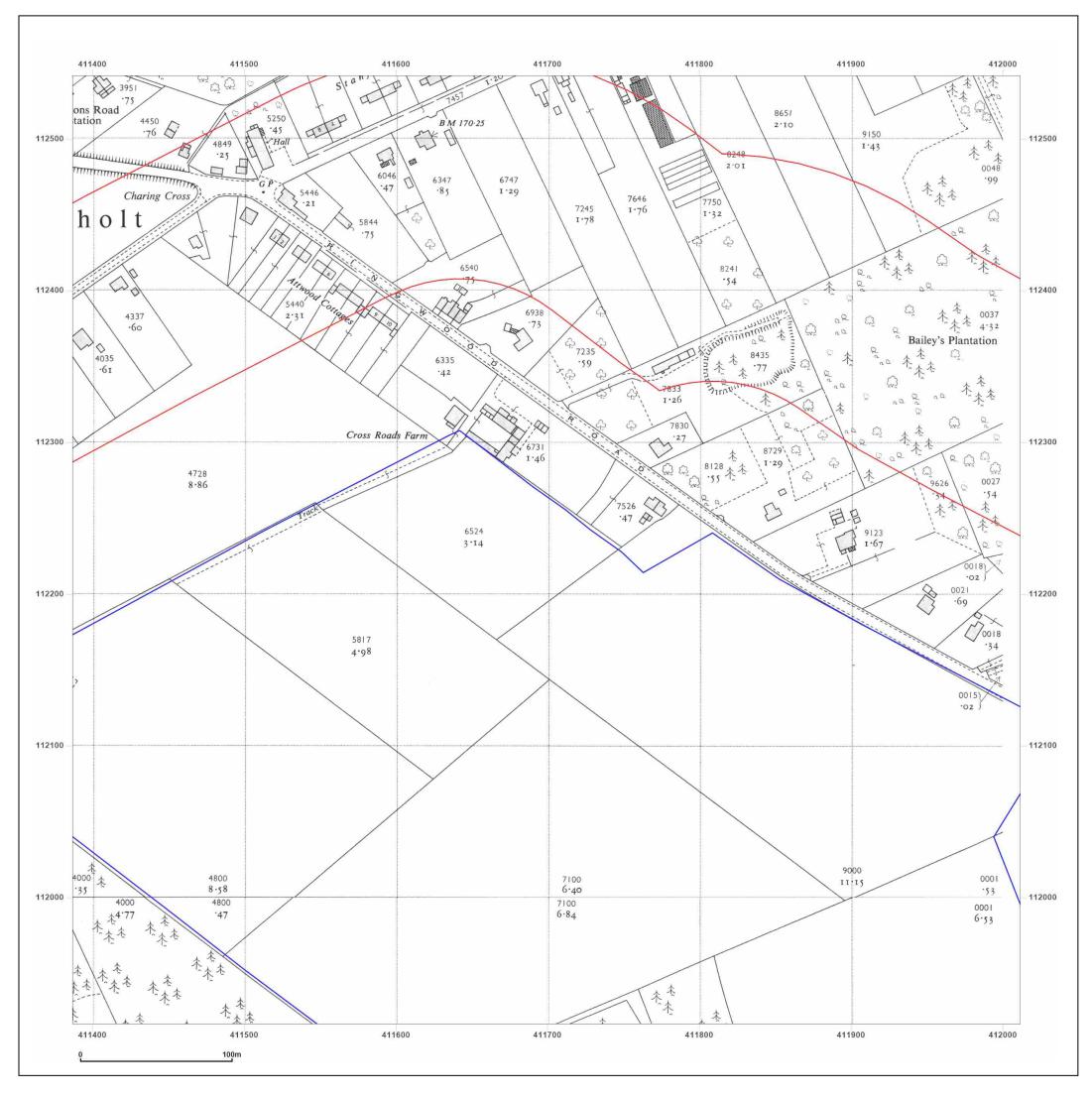






© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

Client Ref:	WIE19098-100_PO_115694
Report Ref:	WTM1-8665662_LS_2_3
Grid Ref:	411699, 112229
Map Name:	National Grid

Ν

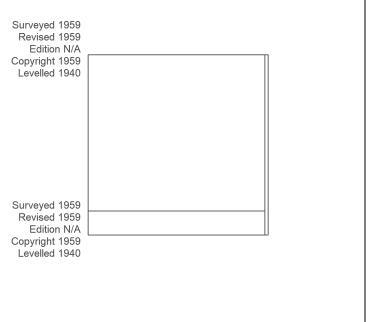
F

W

Map date: 1959

Scale: 1:2,500

**Printed at:** 1:2,500



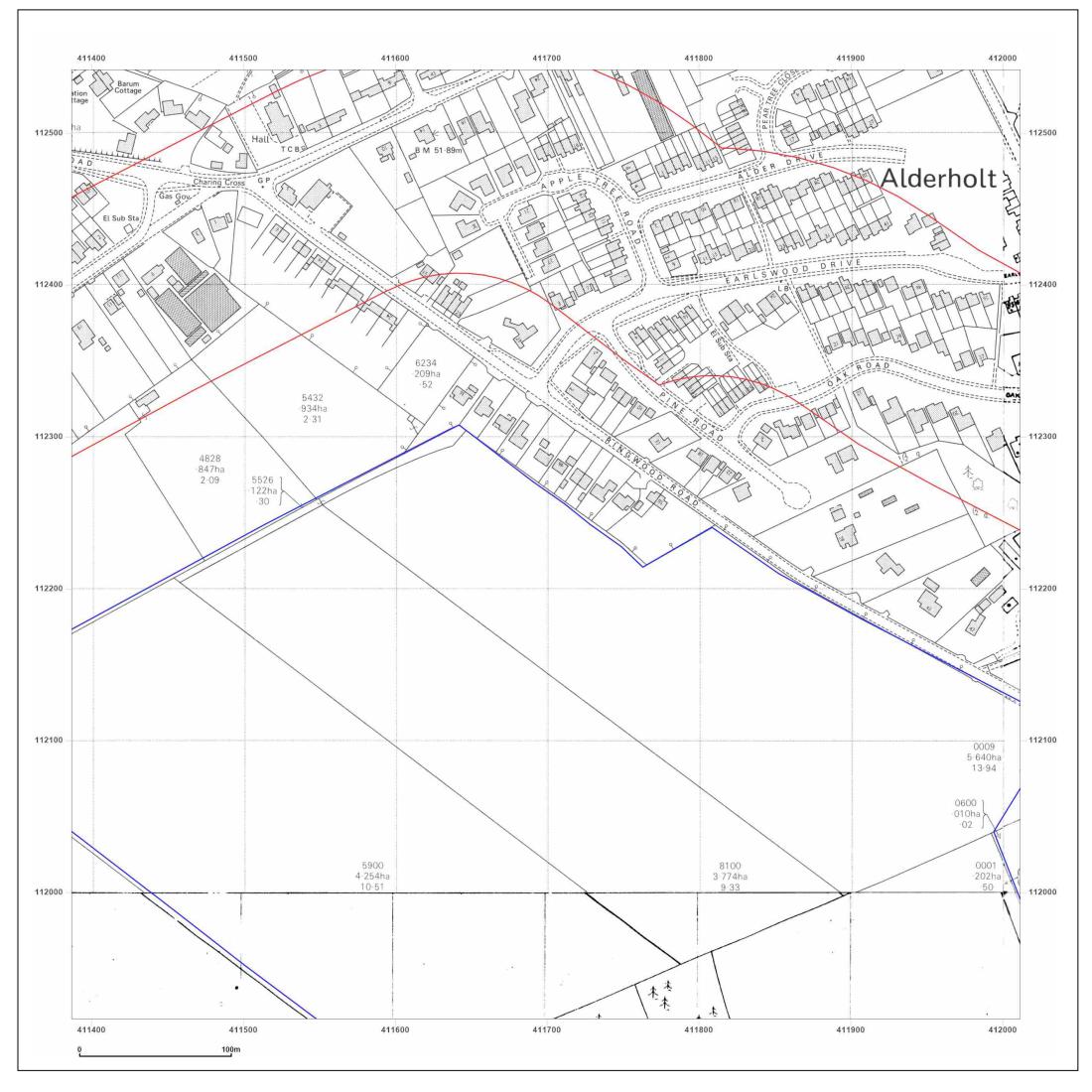


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

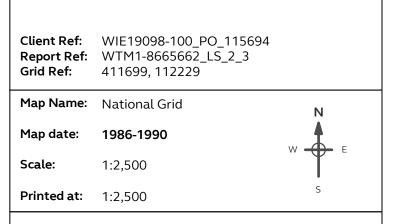
Map legend available at:

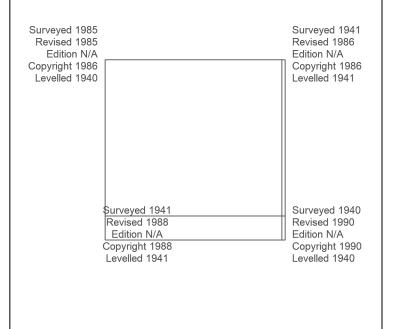
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





ALDERHOLT, SP6 3DF







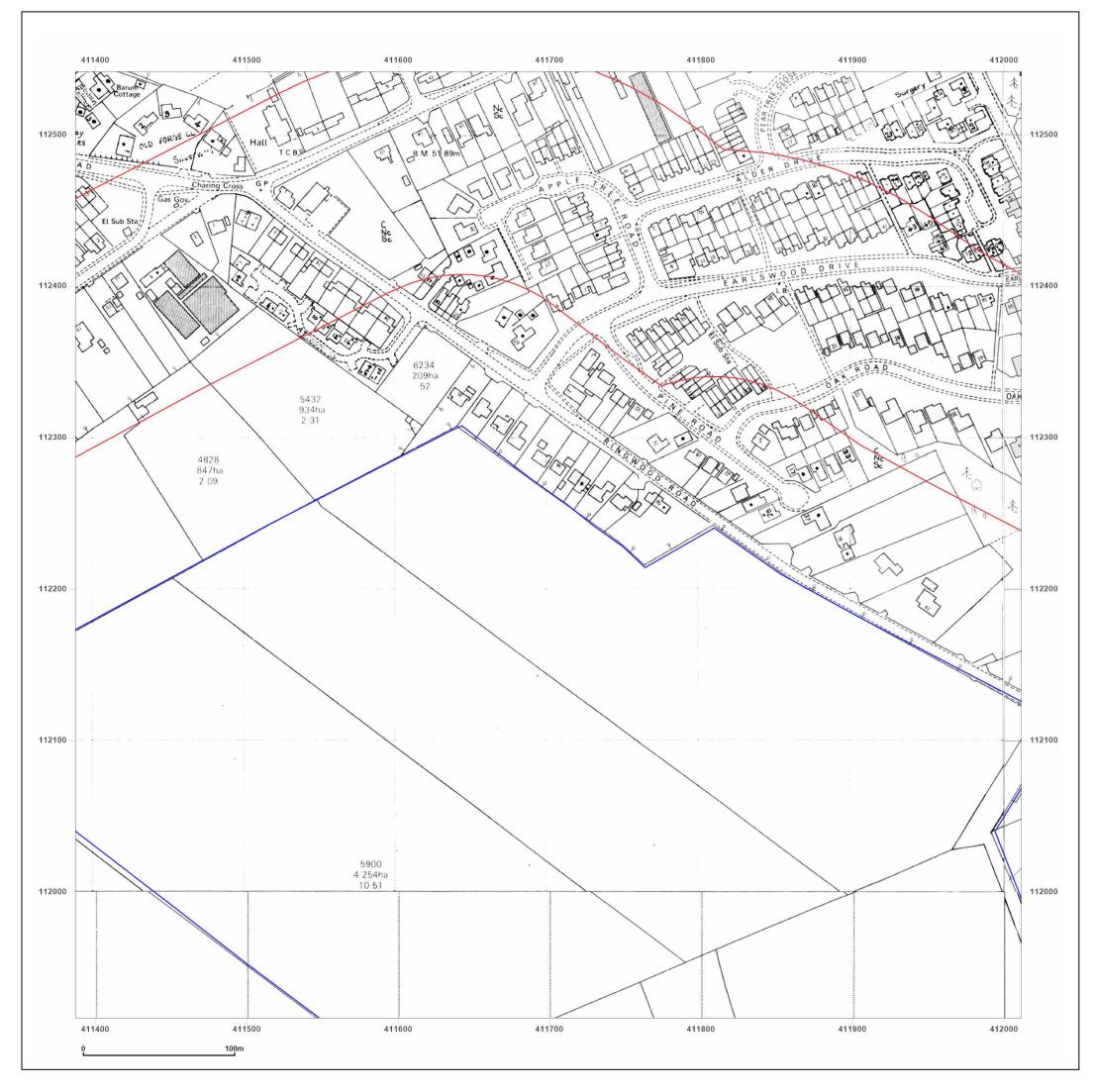
Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

www.groundsure.com/sites/default/files/groundsure\_legend.pdf



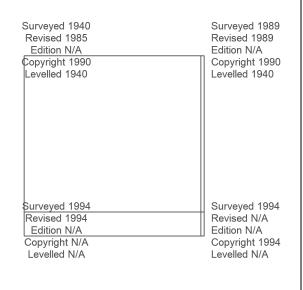
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

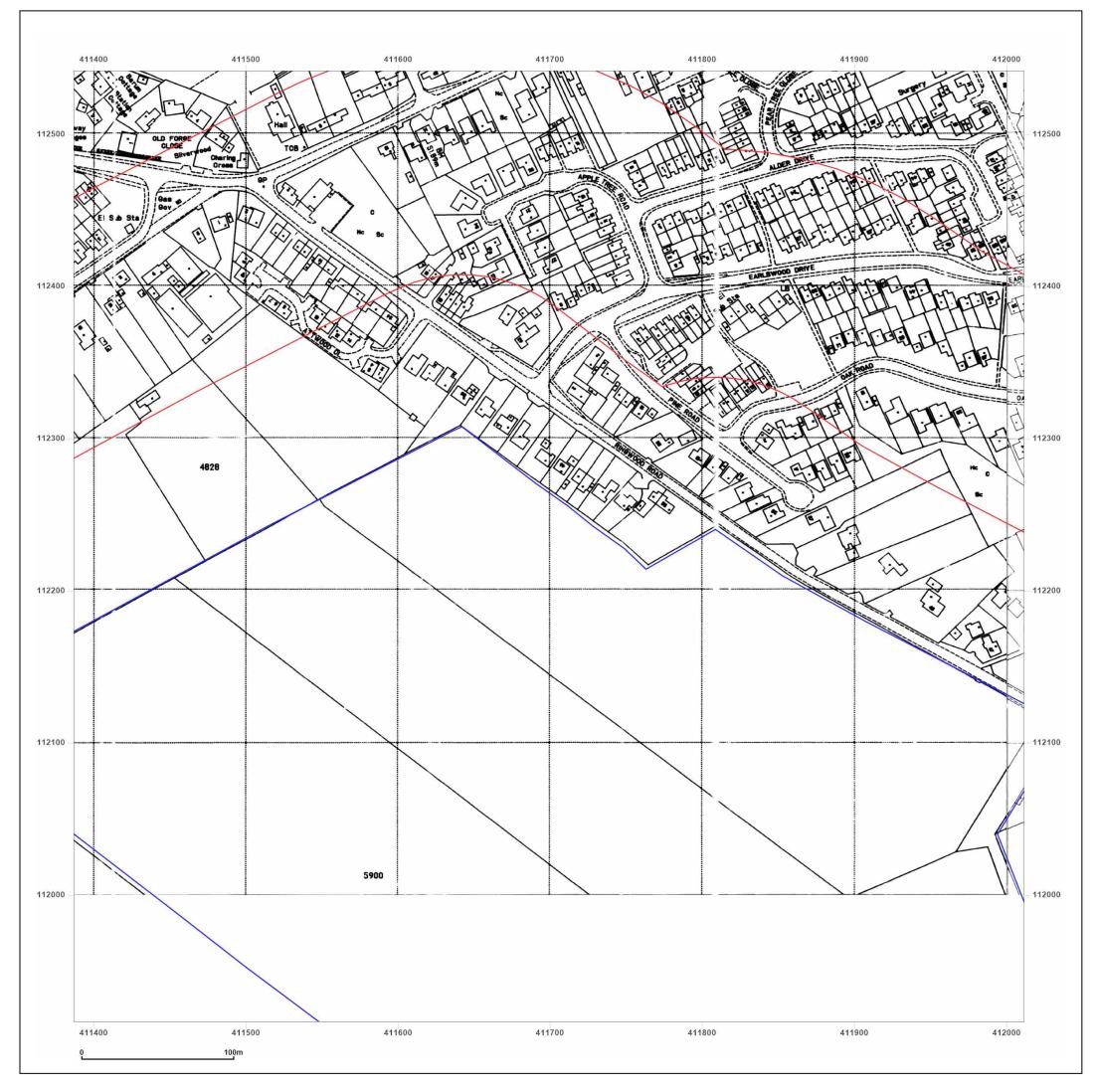
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_3 411699, 112229	
Map Name:	National Grid	N
Map date:	1990-1994	W F
Scale:	1:2,500	Ψ
Printed at:	1:2,500	S





Produced by Groundsure Insights T: 08444 159000 E: <u>info@groundsure.com</u> W: www.groundsure.com

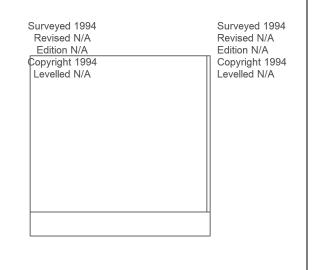
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

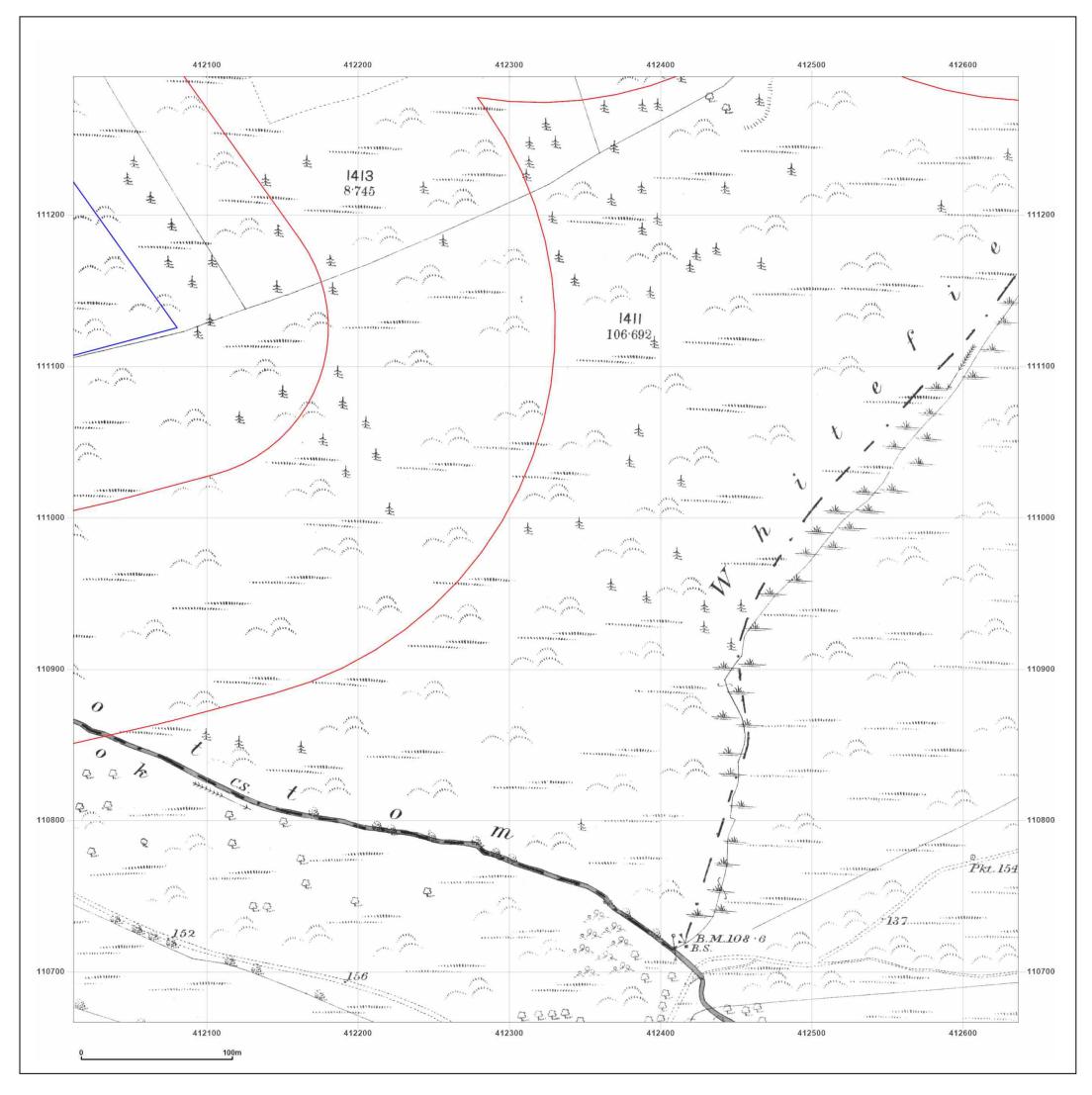
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_2_3 411699, 112229	
Map Name:	National Grid	N
Map date:	1994	W F
Scale:	1:2,500	ΨΤ
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

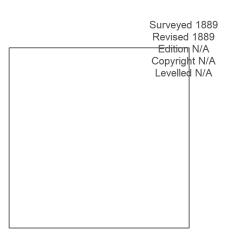
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

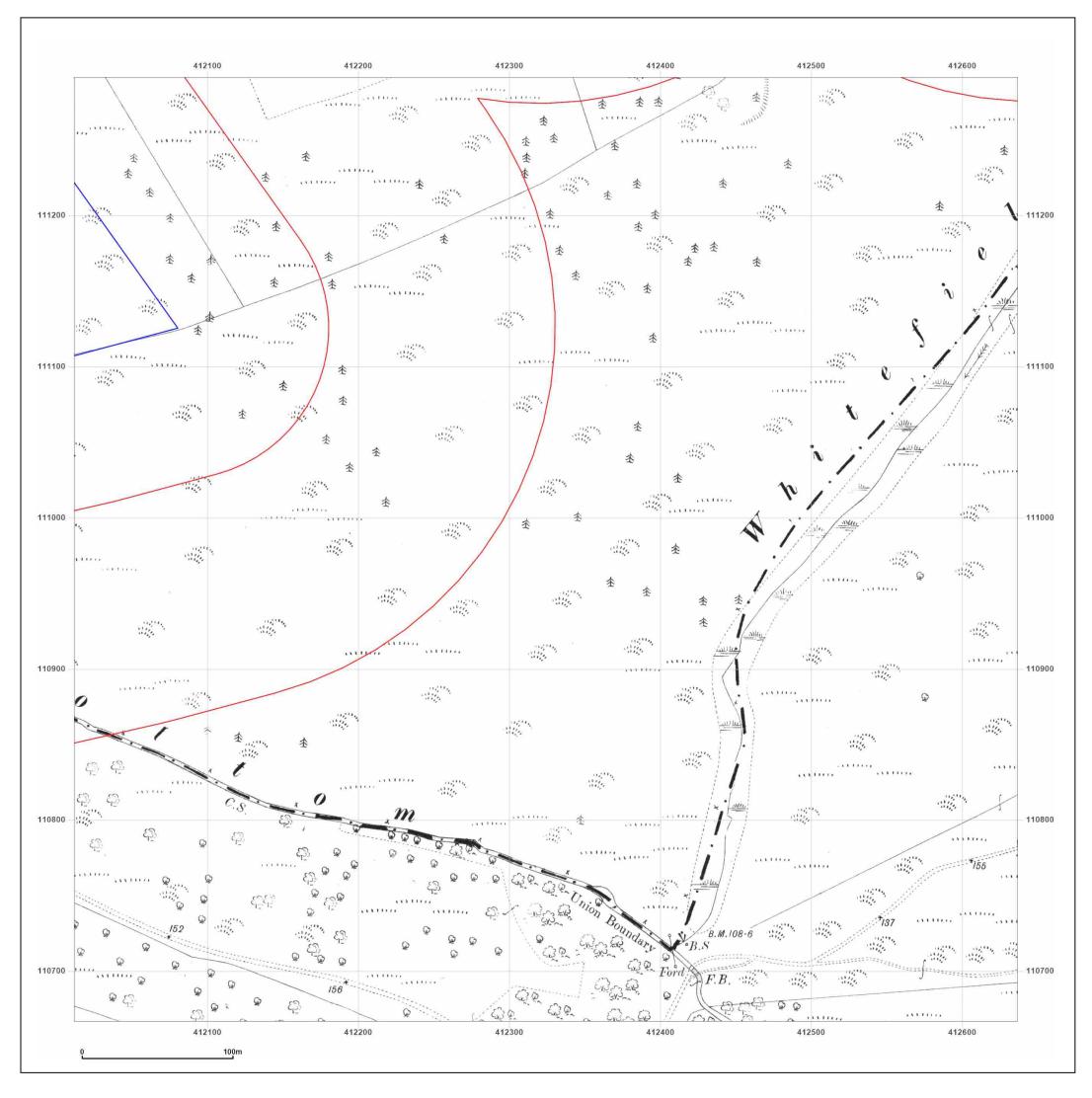
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_1 412324, 110979	
Map Name:	County Series	N
Map date:	1889	W F
Scale:	1:2,500	T L
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

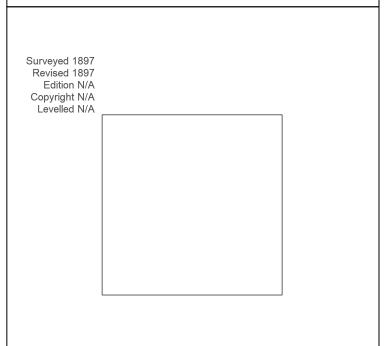
Client Ref: WIE19098-100\_PO\_115694 Report Ref: WTM1-8665662\_LS\_3\_1 412324, 110979 Grid Ref:

Map Name: County Series

1897 Map date:

1:2,500 Scale:

**Printed at:** 1:2,500



Ν

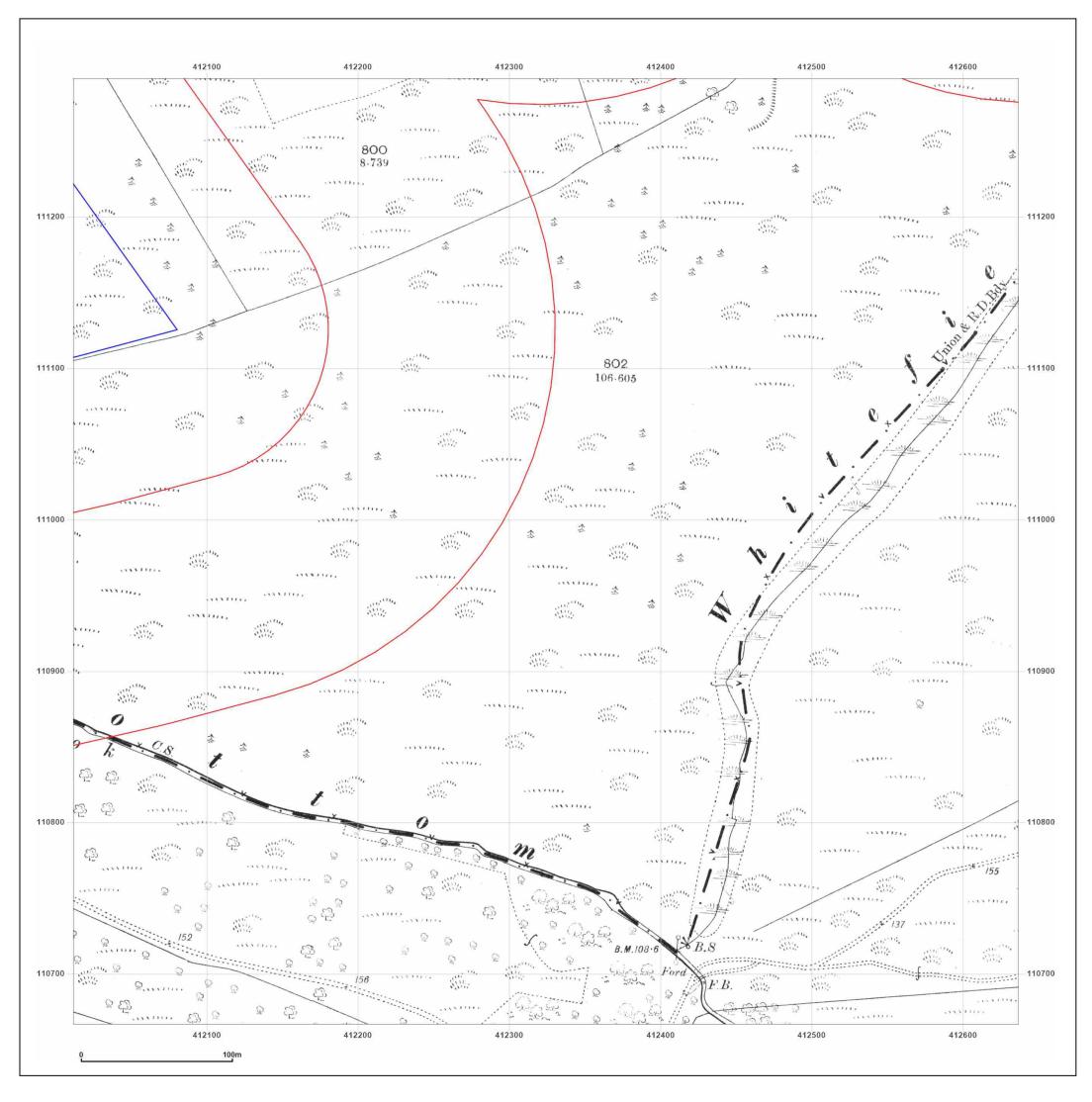
F

W



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



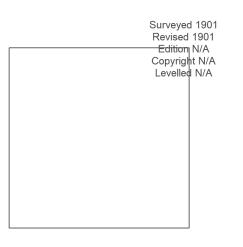
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure.legend.pdf">www.groundsure.legend.pdf</a>



Site Details:

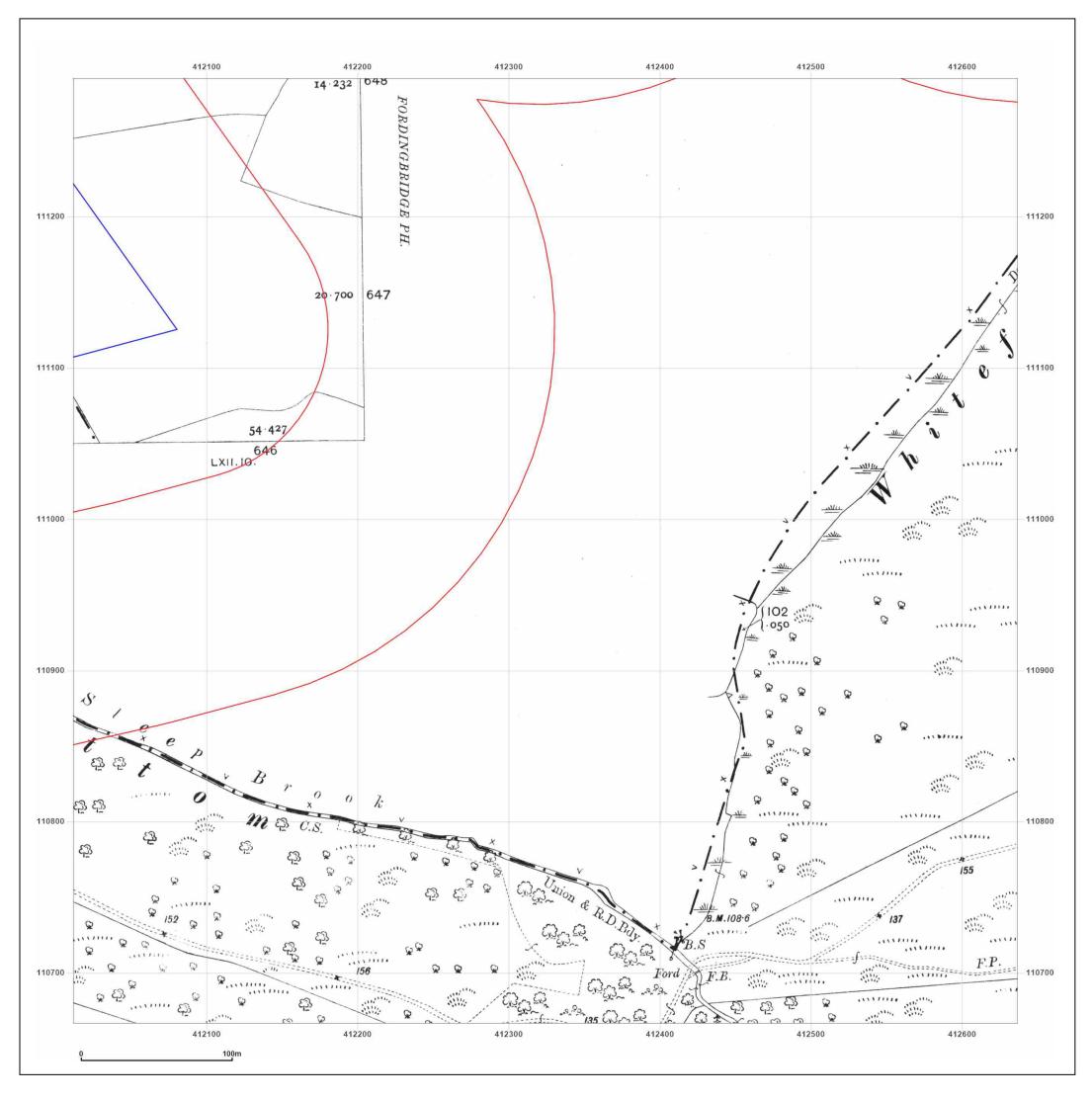
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_1 412324, 110979	
Map Name:	County Series	N
Map date:	1901	W F
Scale:	1:2,500	T L
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

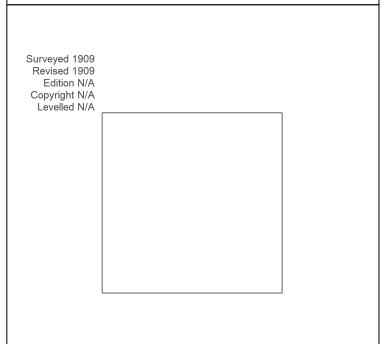
Client Ref: WIE19098-100\_PO\_115694 **Report Ref:** WTM1-8665662\_LS\_3\_1 412324, 110979 Grid Ref:

Map Name: County Series

Map date: 1909

1:2,500 Scale:

**Printed at:** 1:2,500



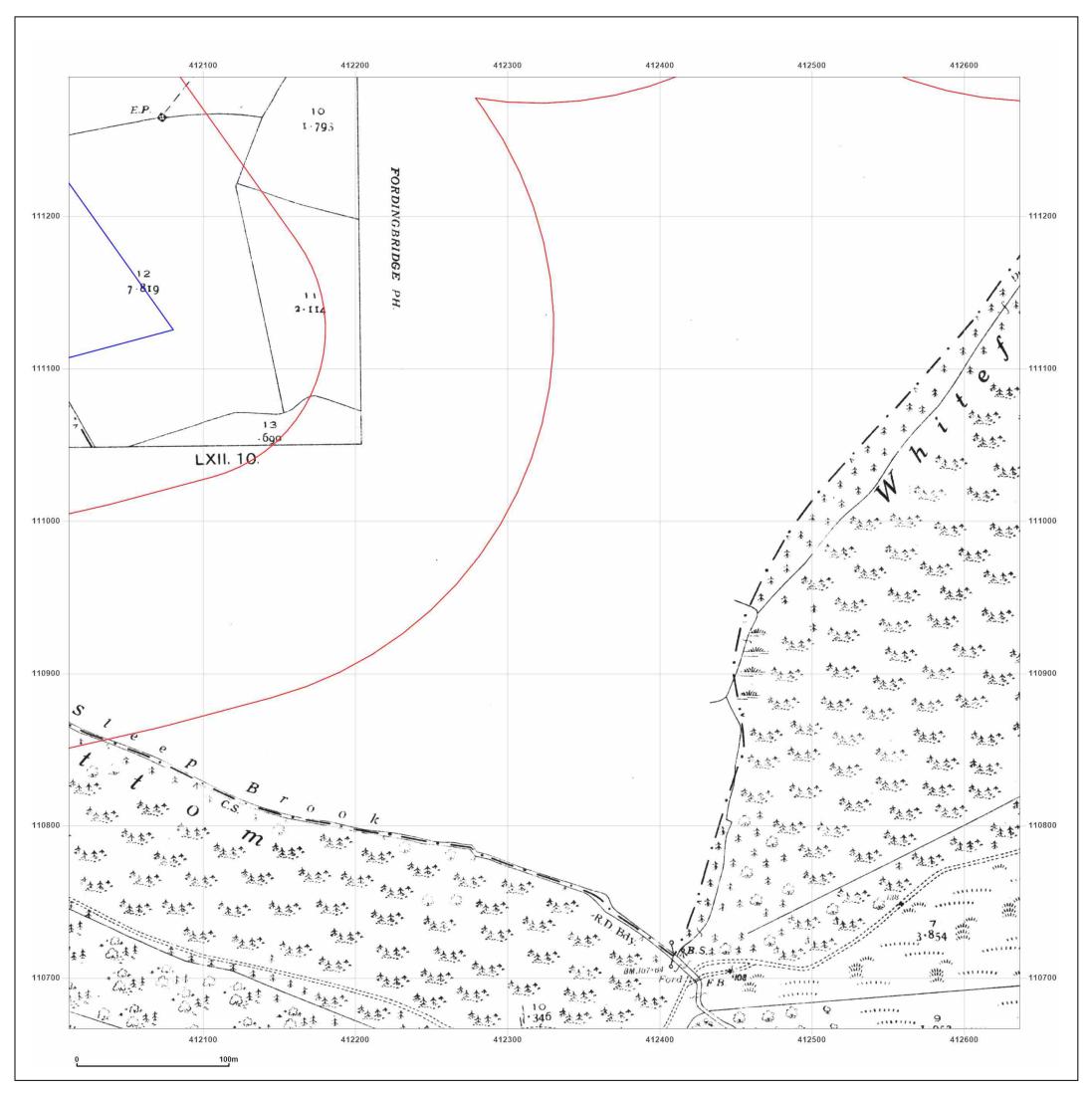
Ν

W



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

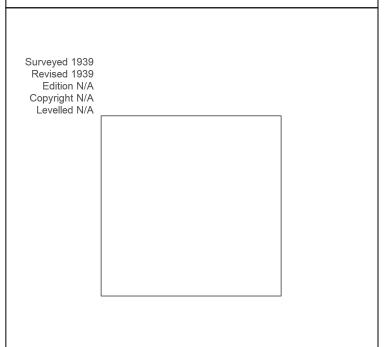
Client Ref: WIE19098-100\_PO\_115694 **Report Ref:** WTM1-8665662\_LS\_3\_1 Grid Ref: 412324, 110979

Map Name: County Series

1939 Map date:

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

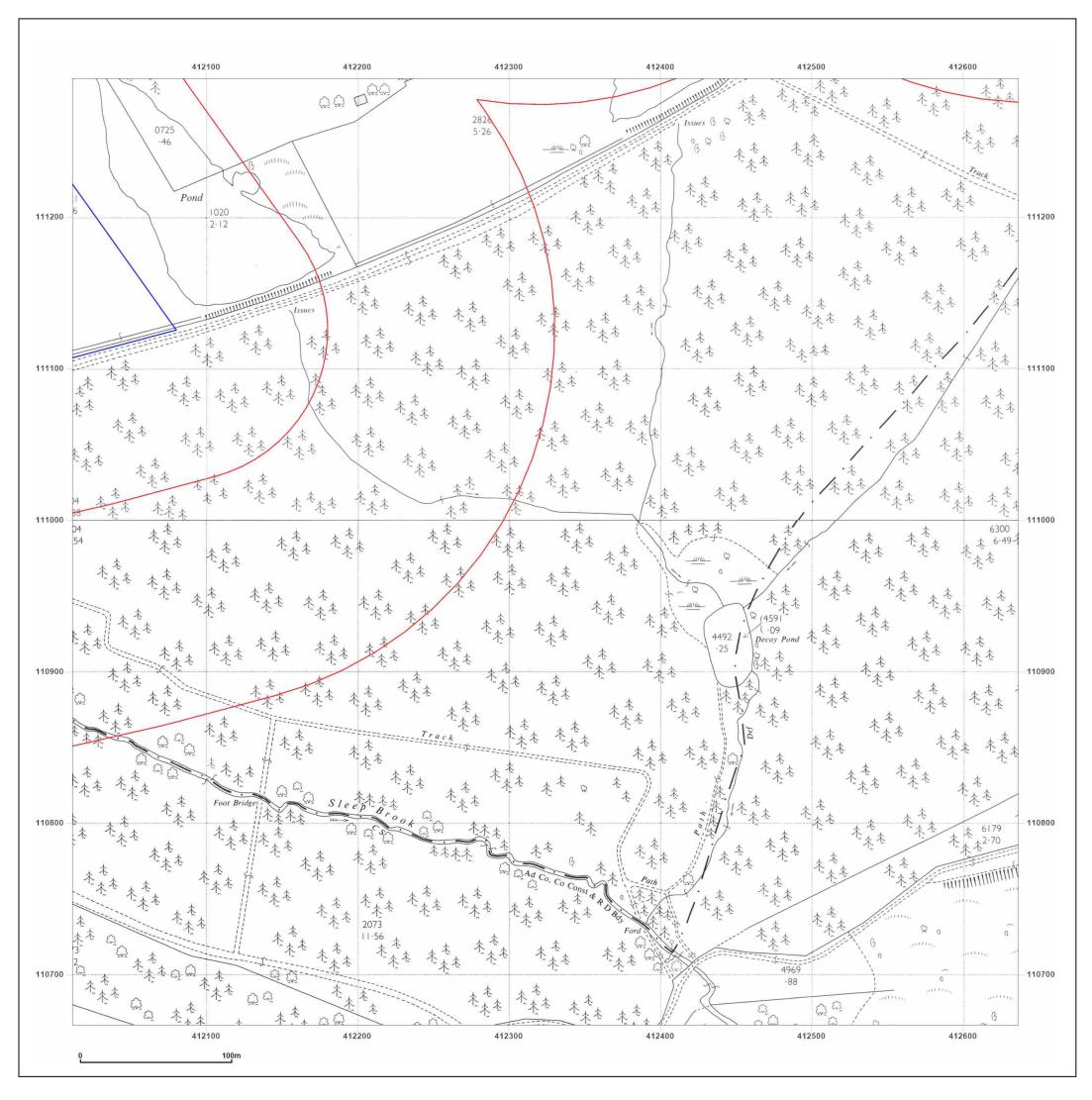
F

W



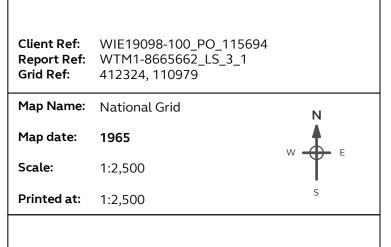
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF



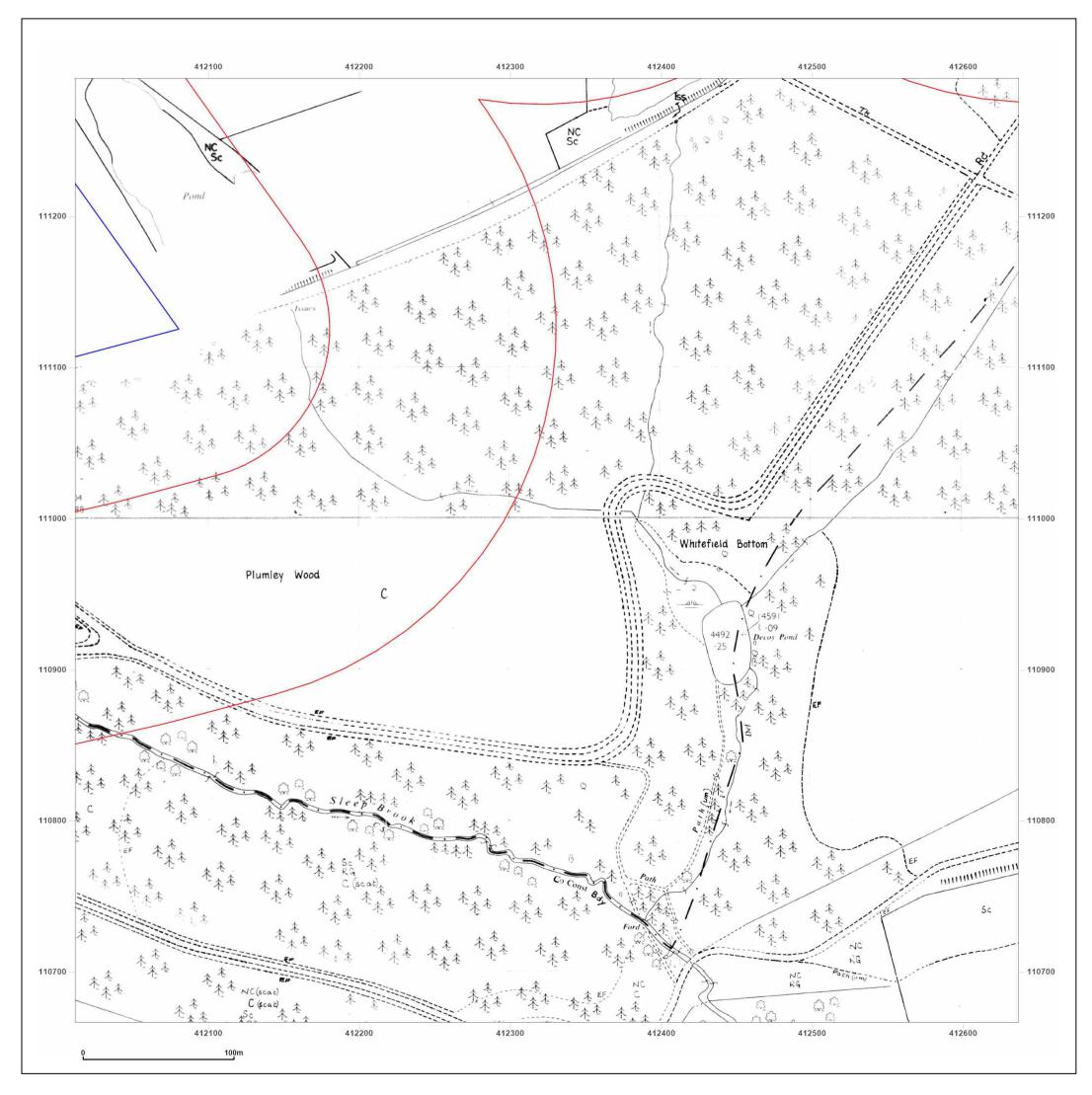
Surveyed 1964 Revised 1964 Edition N/A Copyright 1965 Levelled 1941

Surveyed 1964 Revised 1964 Edition N/A Copyright 1965 Levelled 1940



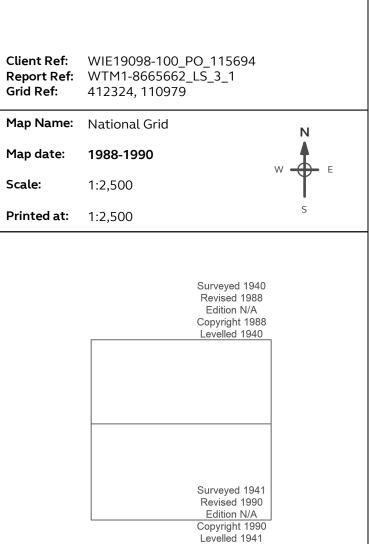
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





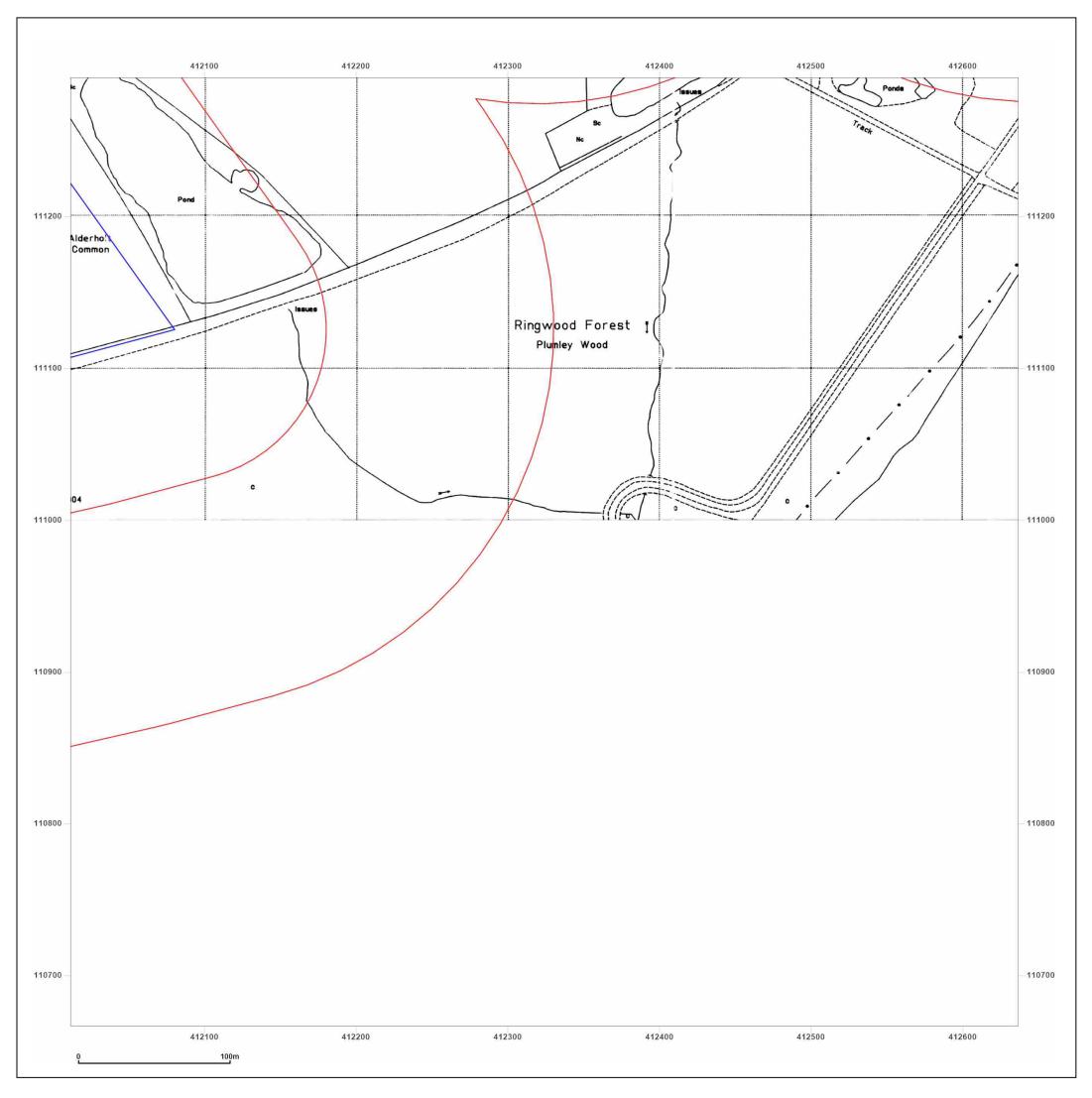
ALDERHOLT, SP6 3DF





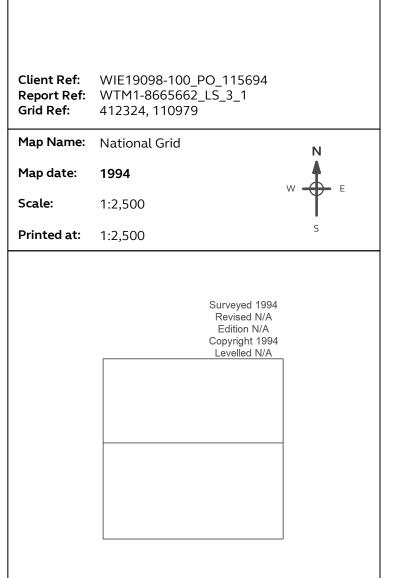
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





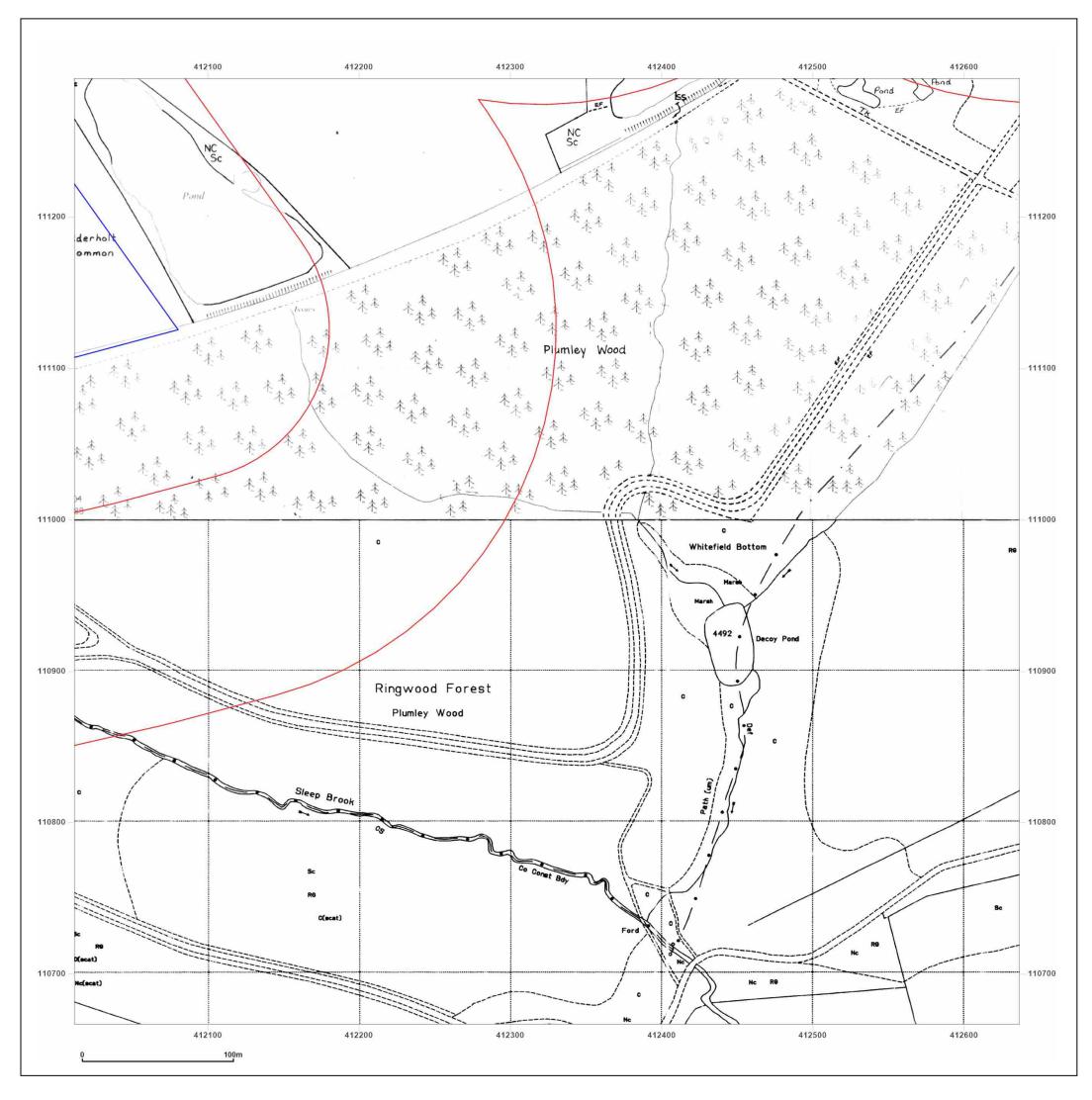
ALDERHOLT, SP6 3DF





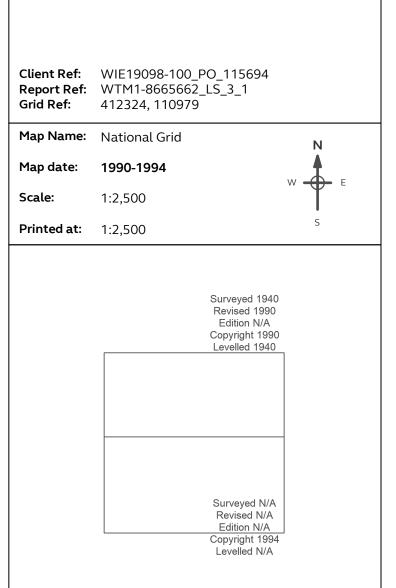
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





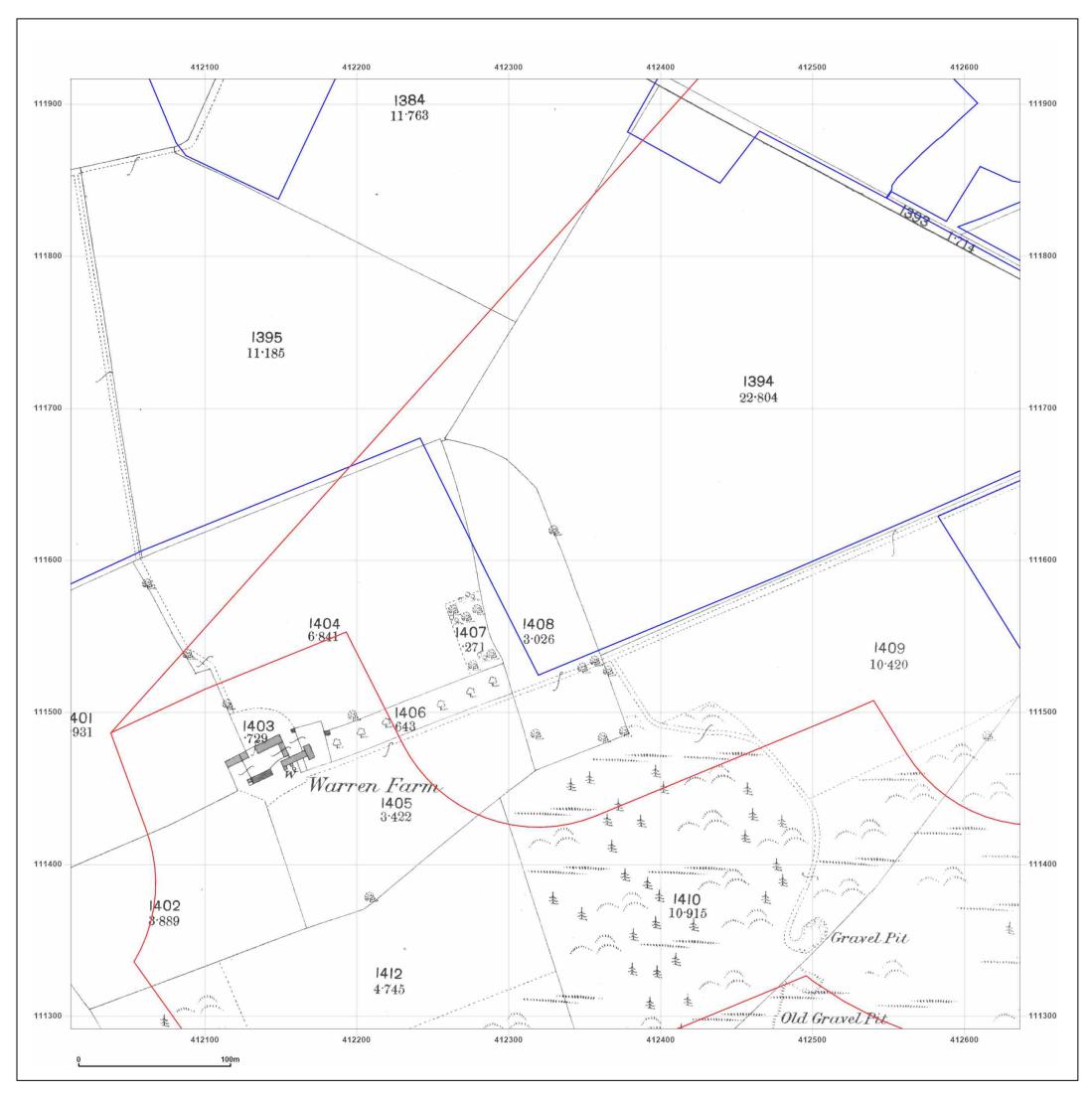
ALDERHOLT, SP6 3DF





© Crown copyright and database rights 2018 Ordnance Survey 100035207

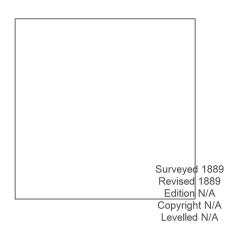
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

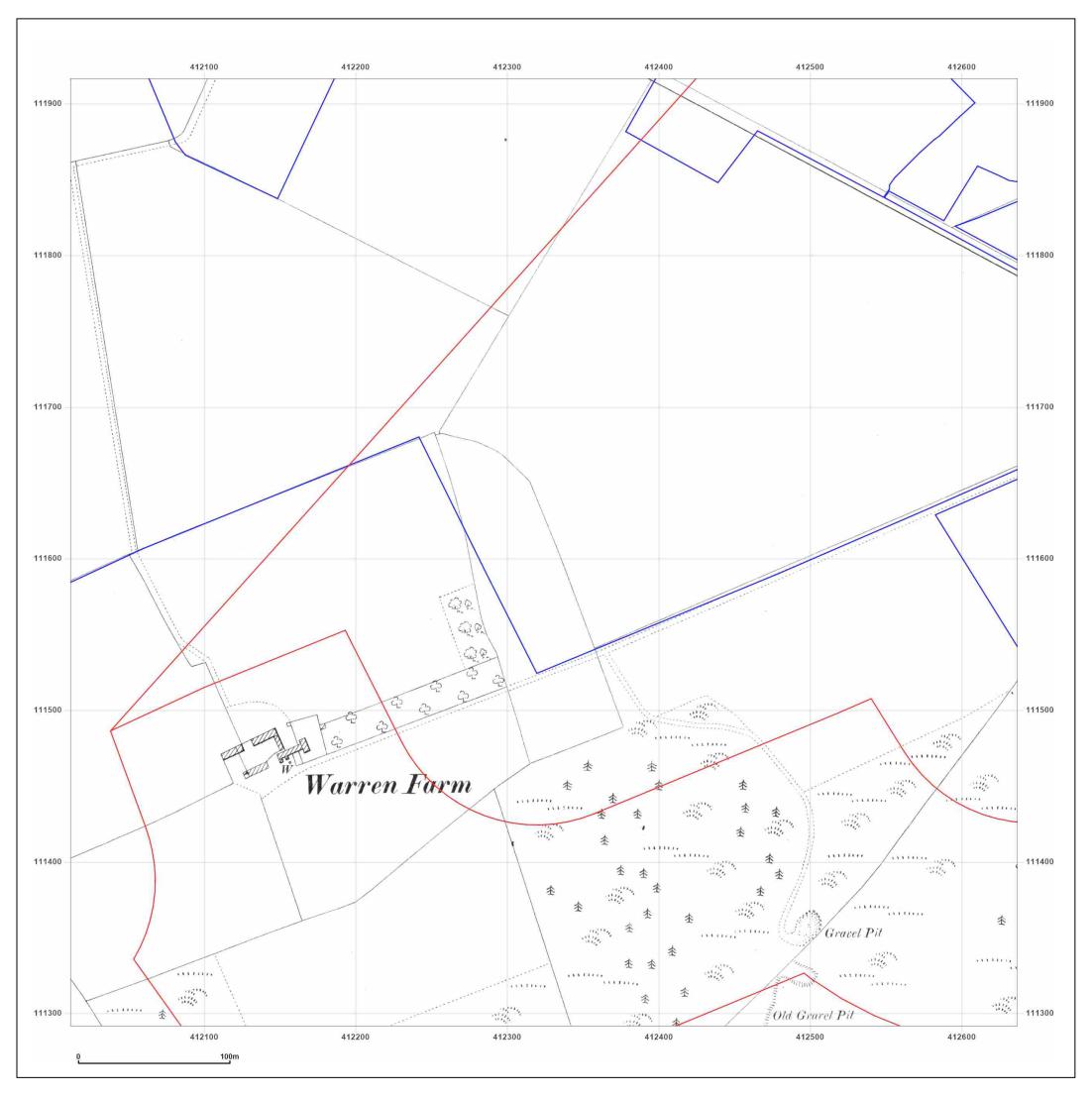
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	County Series	N
Map date:	1889	
Scale:	1:2,500	
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



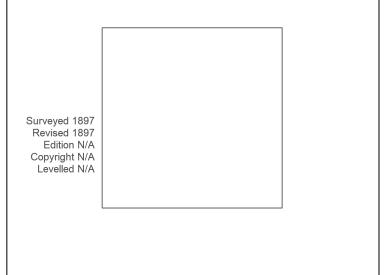
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

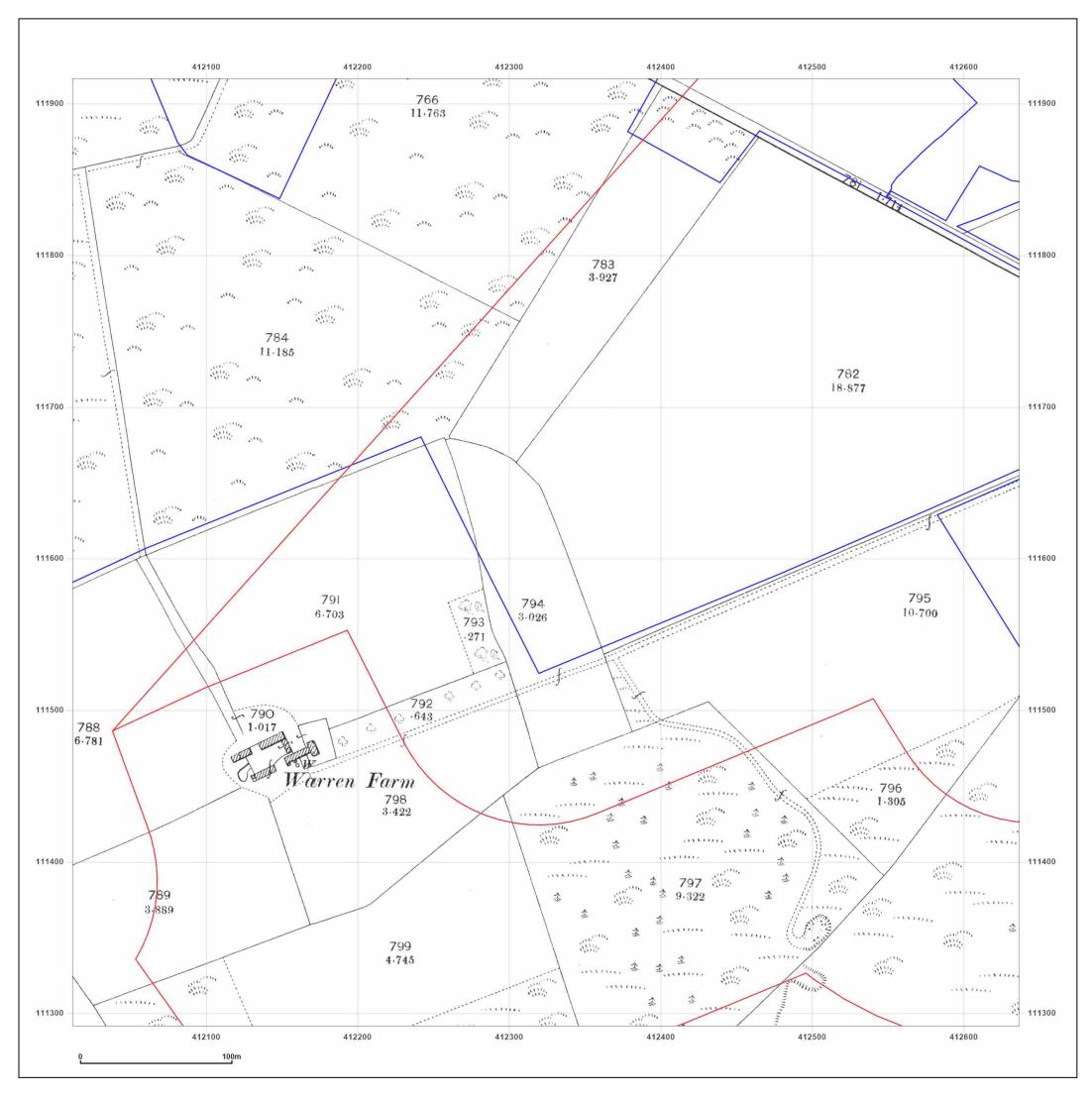
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	County Series	N
Map date:	1897	
Scale:	1:2,500	
Printed at:	1:2,500	S





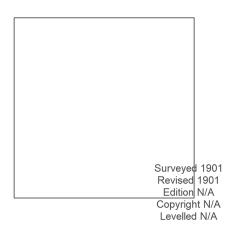
erown copyright and database rights zo to ordinance survey i





ALDERHOLT, SP6 3DF

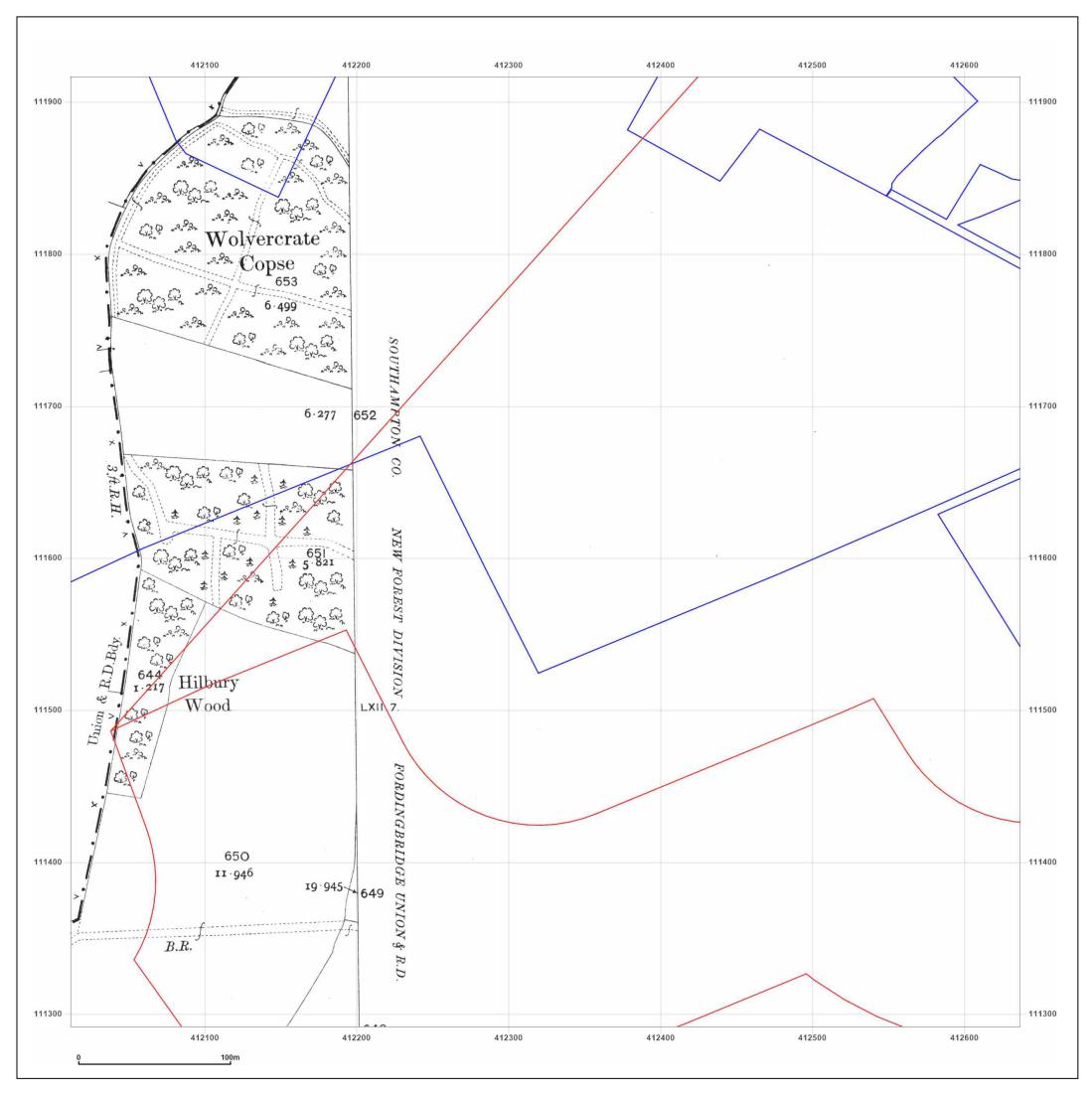
	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	County Series	N
Map date:	1901	
Scale:	1:2,500	
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

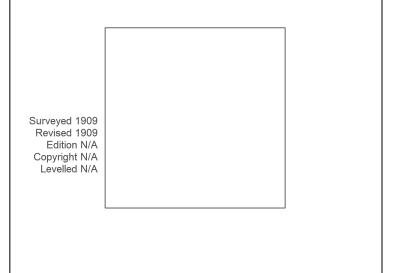
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

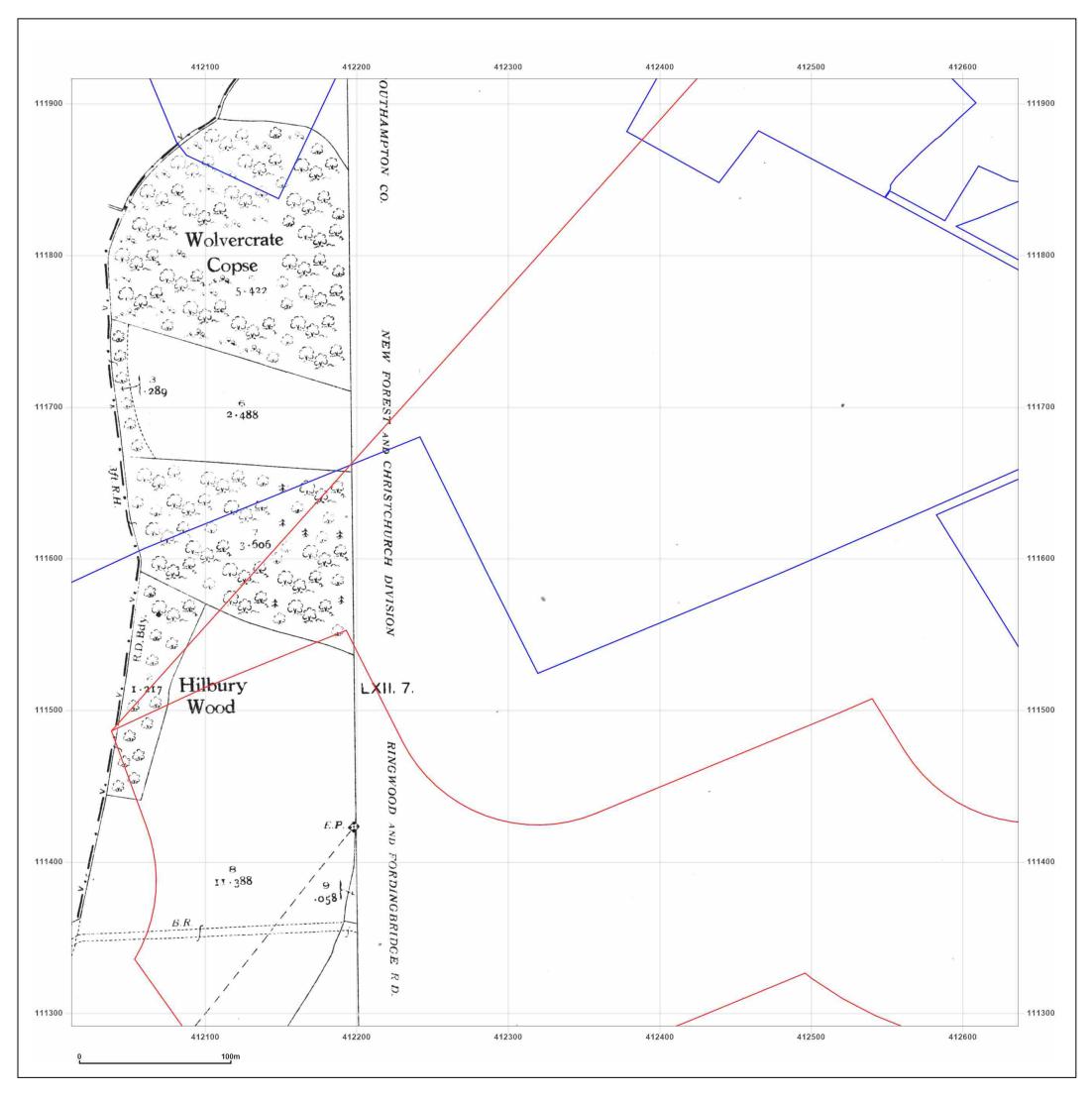
	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	County Series	N
Map date:	1909	
Scale:	1:2,500	
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

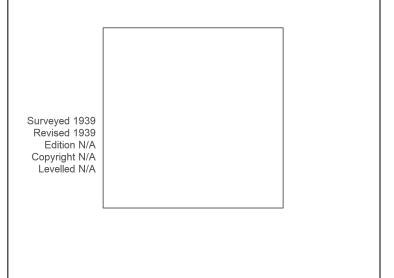
Production date: 11 April 2022





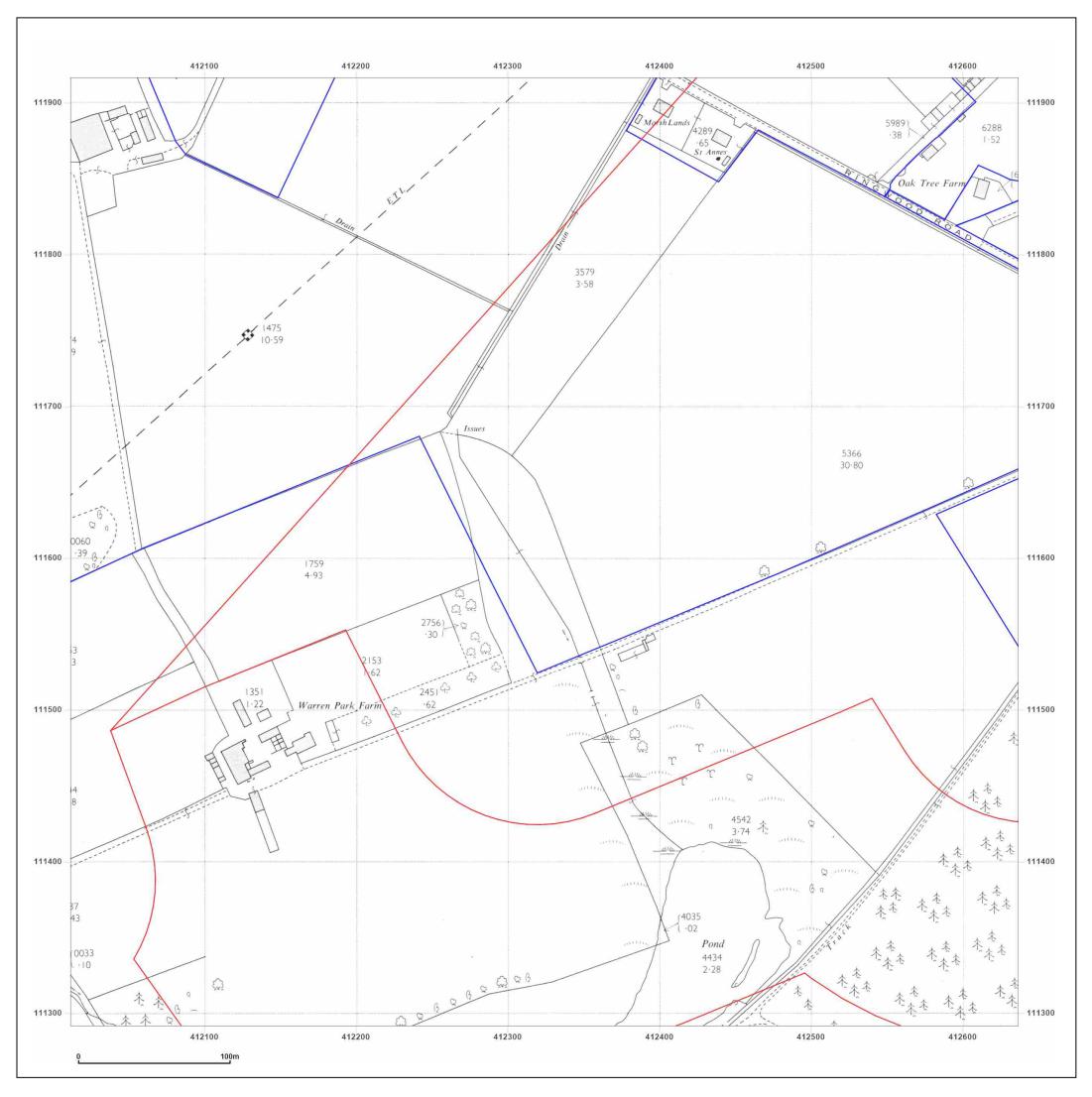
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	County Series	N
Map date:	1939	
Scale:	1:2,500	
Printed at:	1:2,500	S





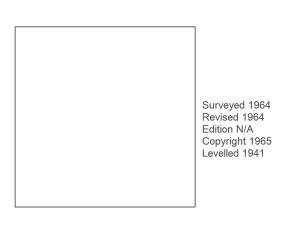
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

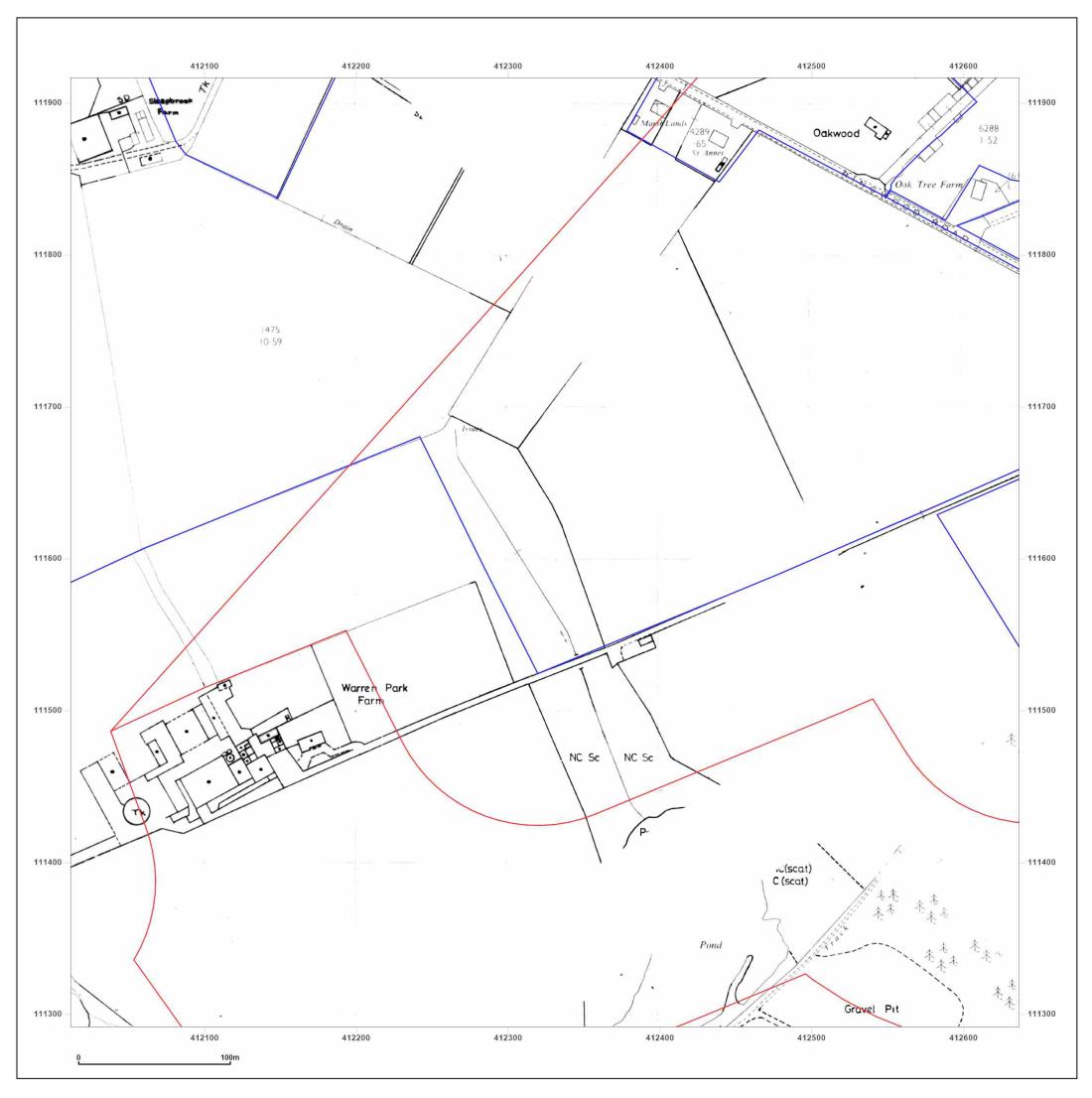
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	National Grid	N
Map date:	1965	w <b>f</b>
Scale:	1:2,500	
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

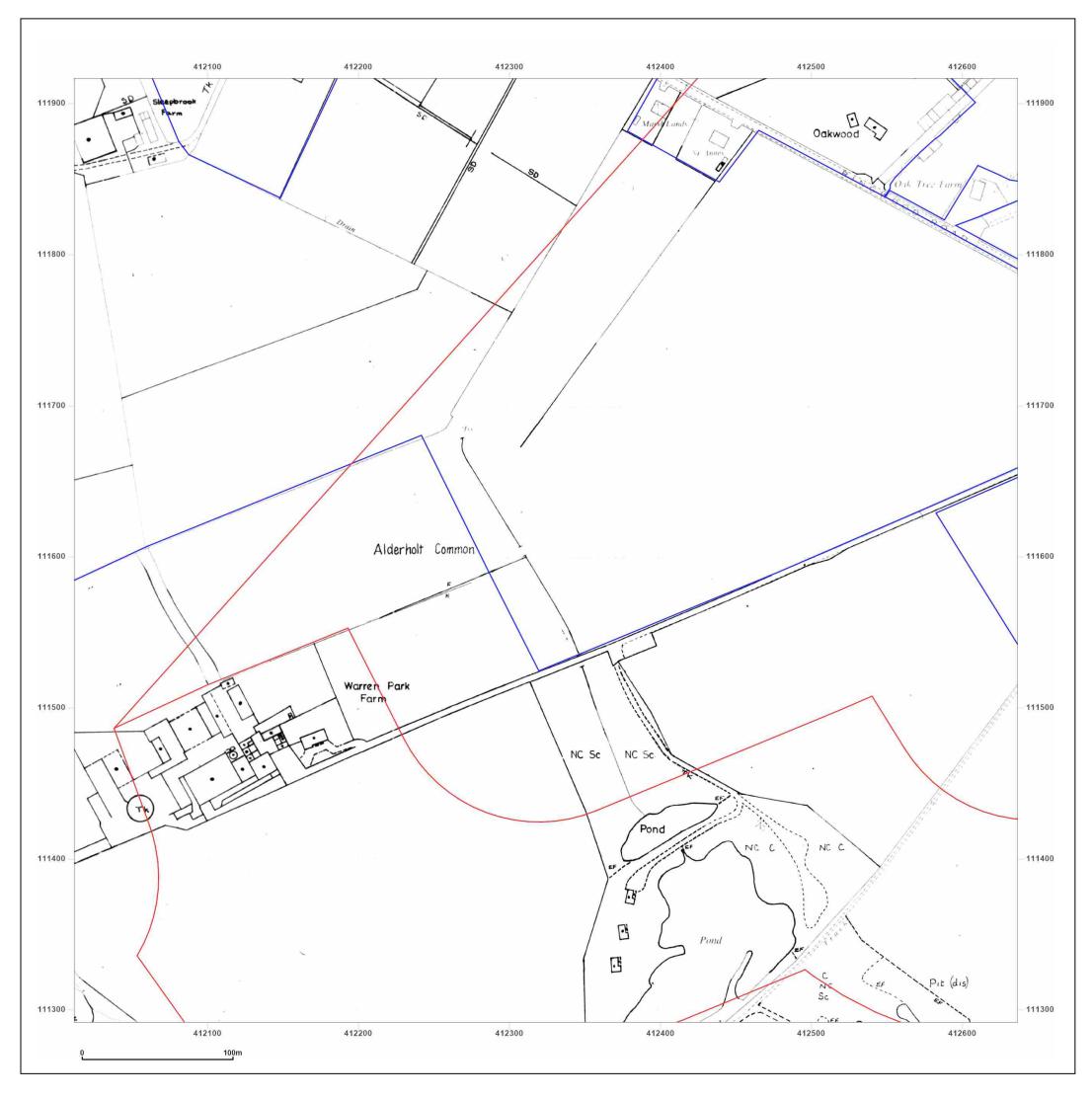
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	National Grid	N
Map date:	1988	
Scale:	1:2,500	ΨΨ L
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

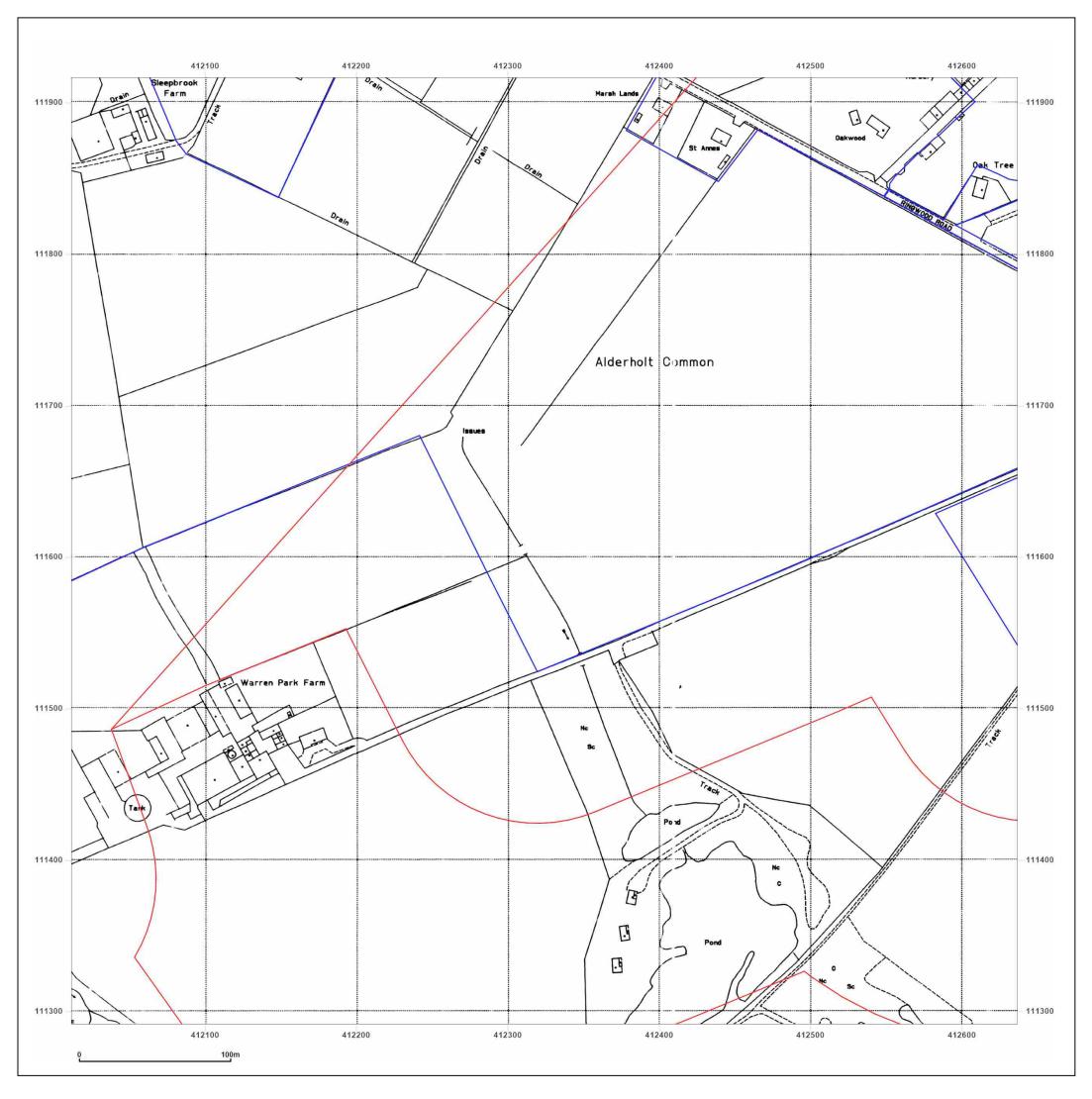
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	National Grid	N
Map date:	1990	
Scale:	1:2,500	Ť
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022





ALDERHOLT, SP6 3DF

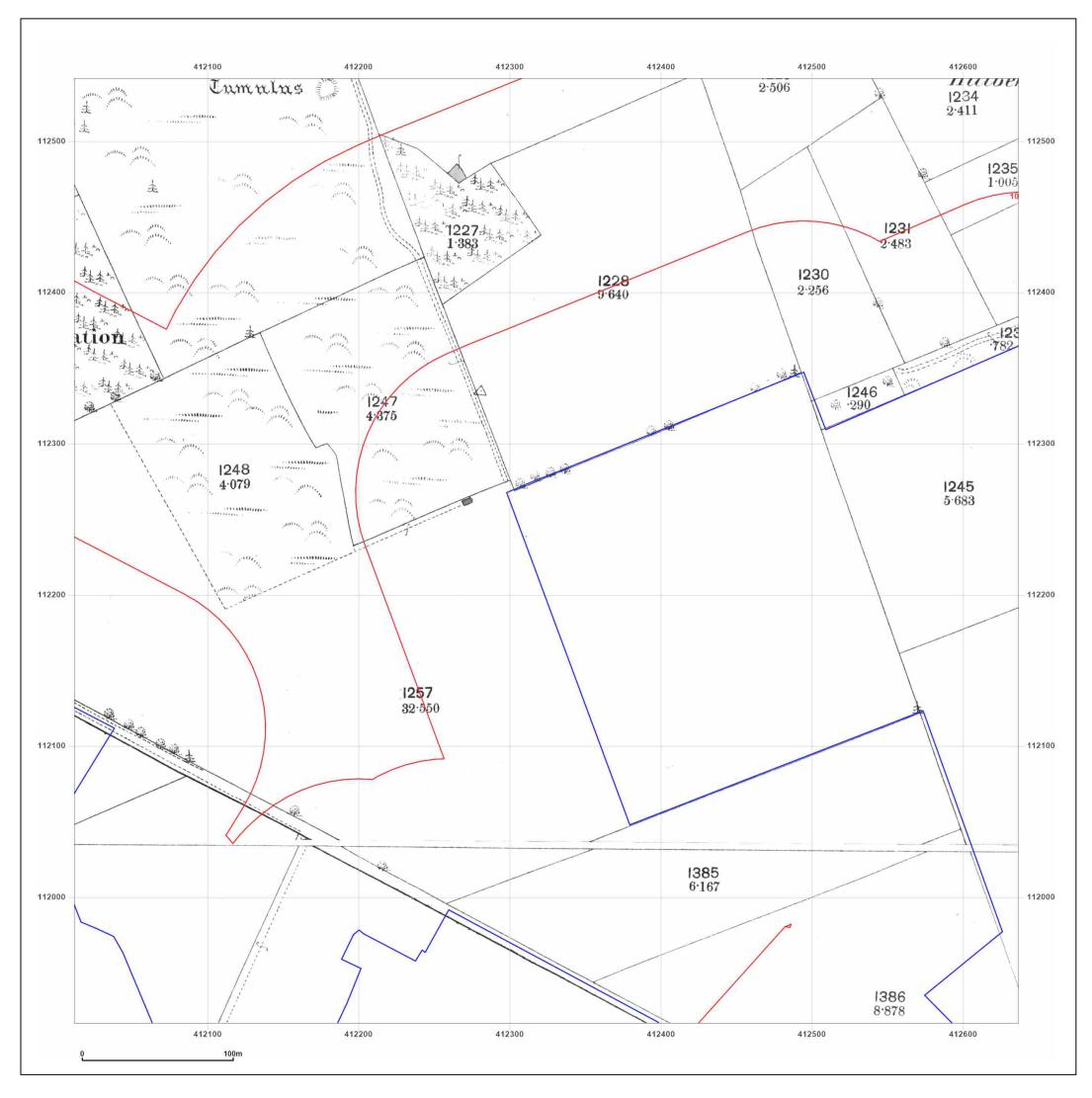
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_2 412324, 111604	
Map Name:	National Grid	N
Map date:	1994	
Scale:	1:2,500	Ť
Printed at:	1:2,500	S





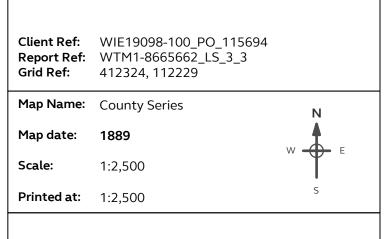
© Crown copyright and database rights 2018 Ordnance Survey 100035207

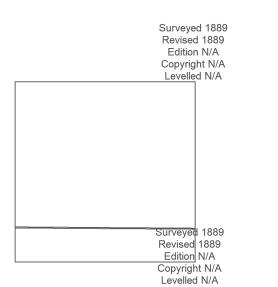
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

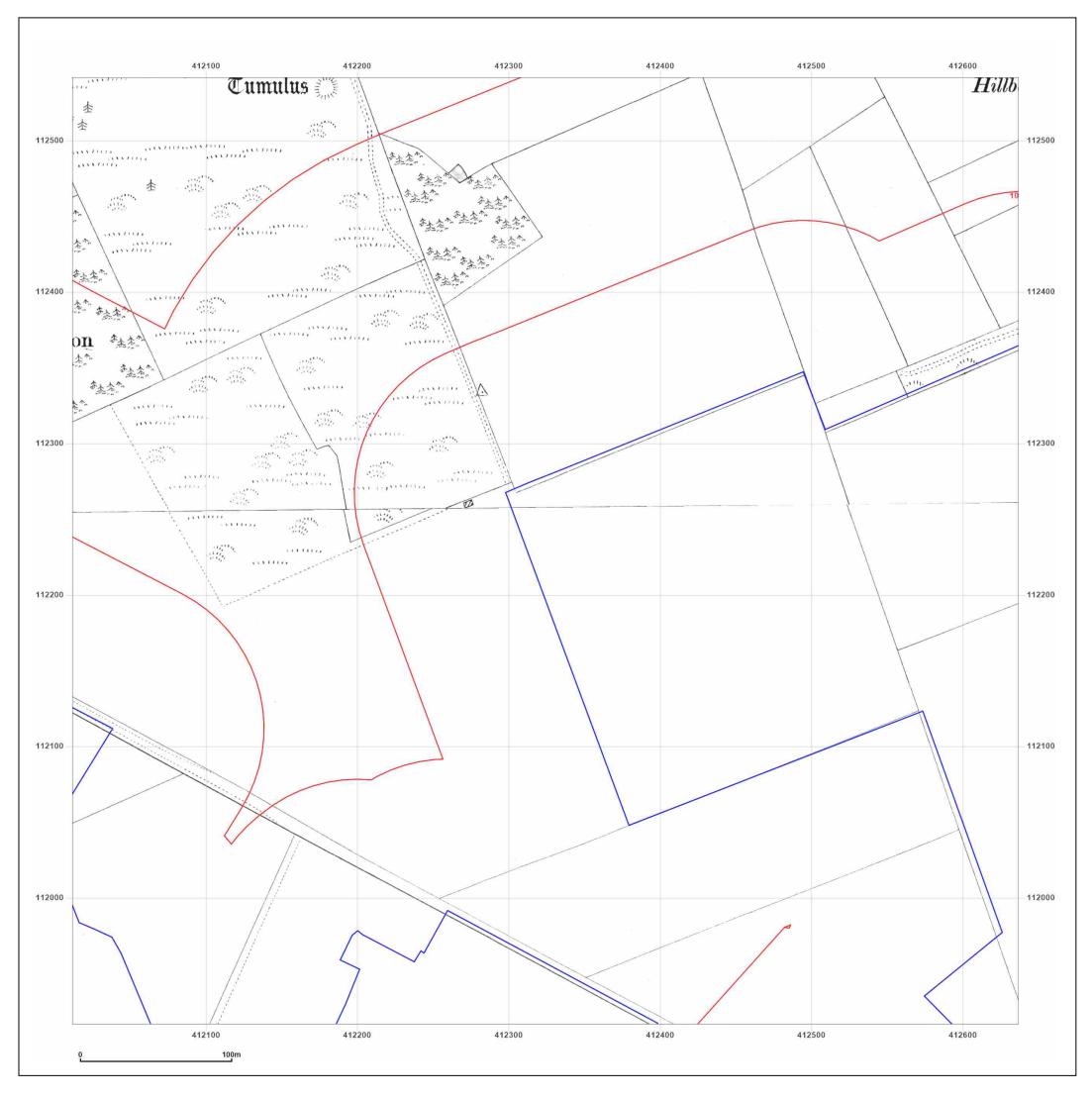






© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

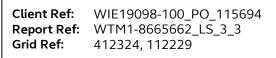


Map legend available at:



Site Details:

ALDERHOLT, SP6 3DF

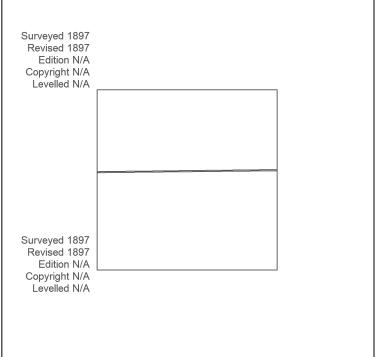


Map Name:	County Series

Map date: 1897

**Scale:** 1:2,500

**Printed at:** 1:2,500



Ν

⊕

F

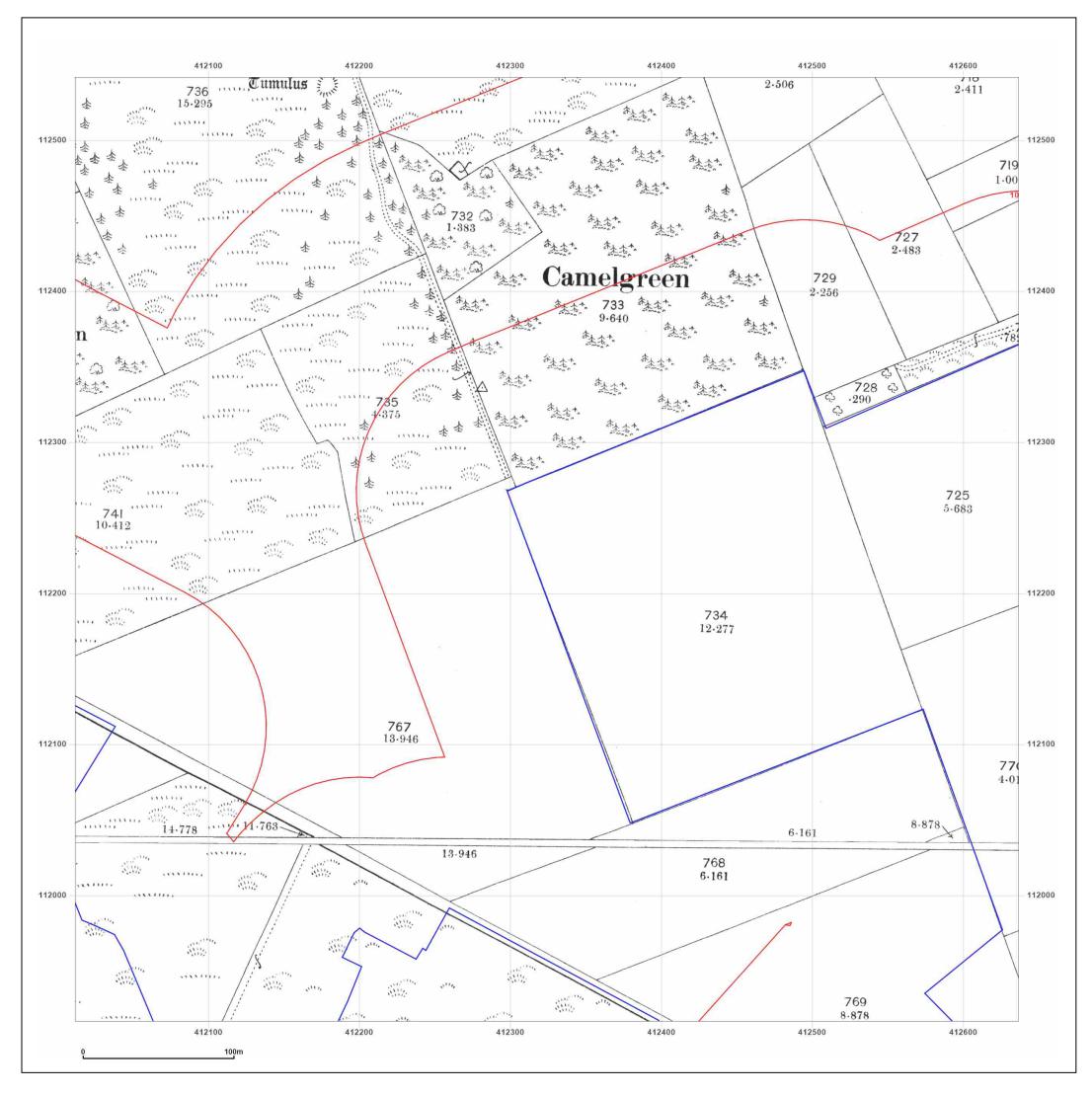
W



 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

www.groundsure.com/sites/default/files/groundsure\_legend.pdf

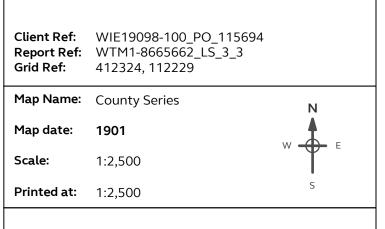


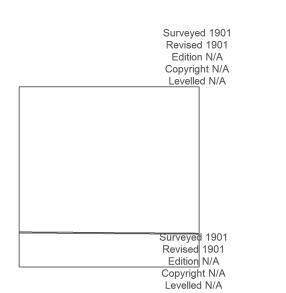
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

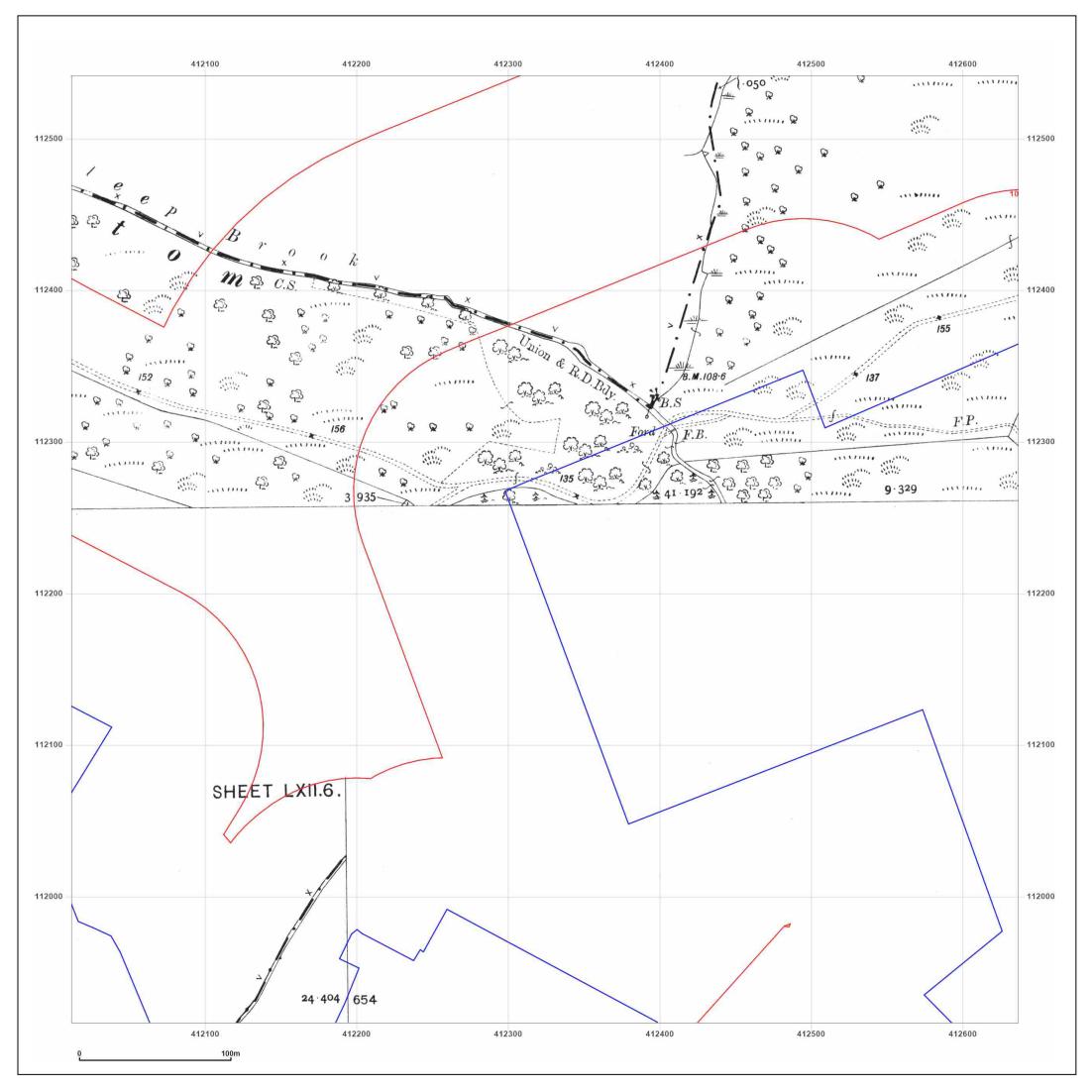
ALDERHOLT, SP6 3DF







 $\ensuremath{\mathbb{C}}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

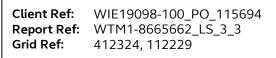


Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

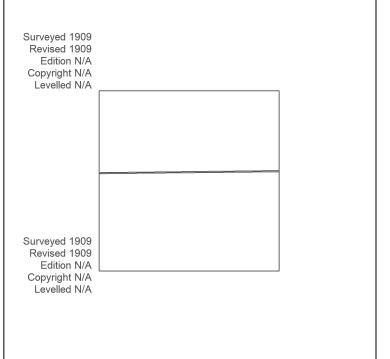


Map Name:	County Series

Map date: 1909

**Scale:** 1:2,500

**Printed at:** 1:2,500



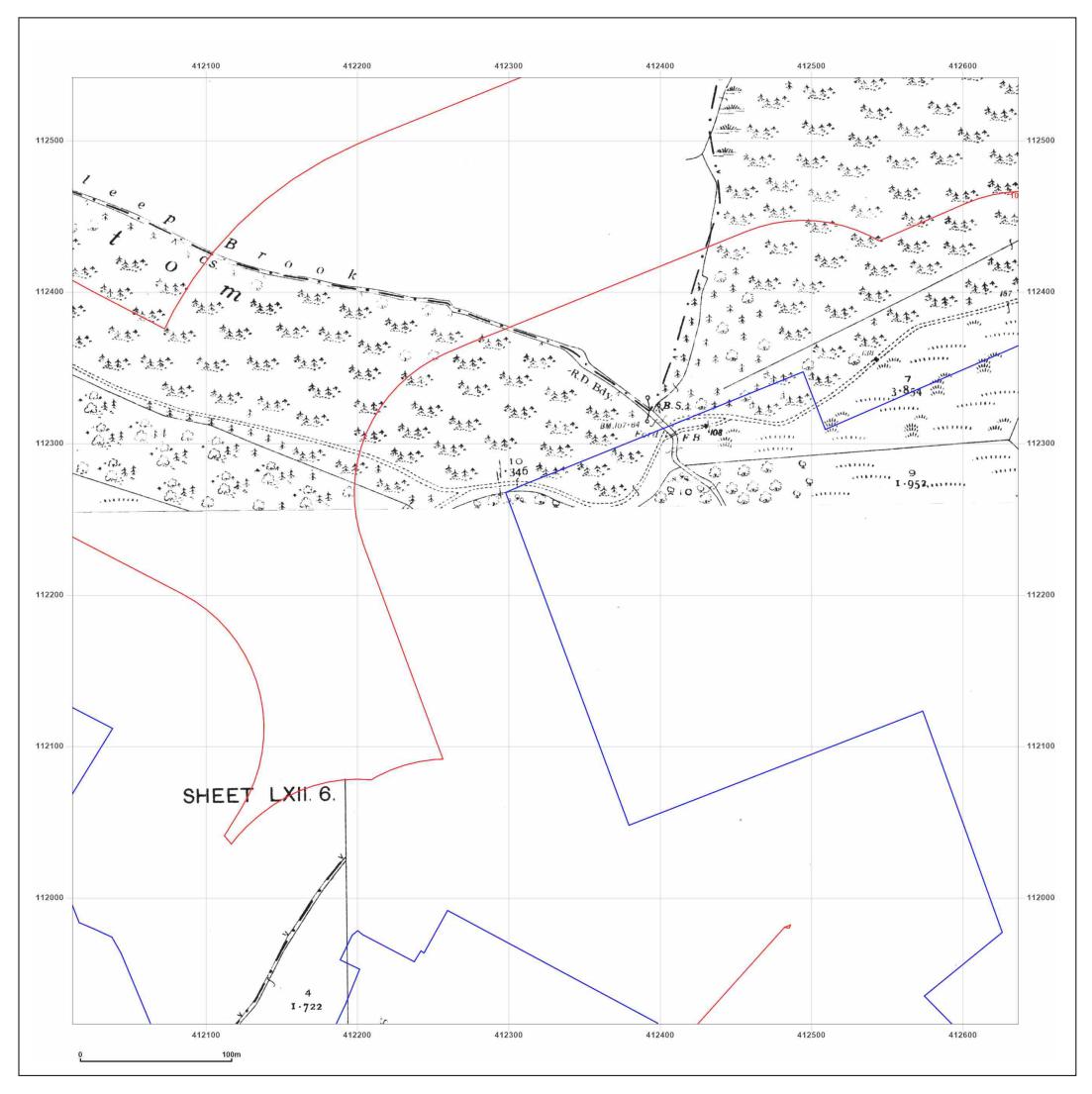
Ν

F

W



 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

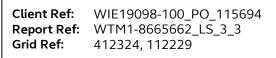


Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

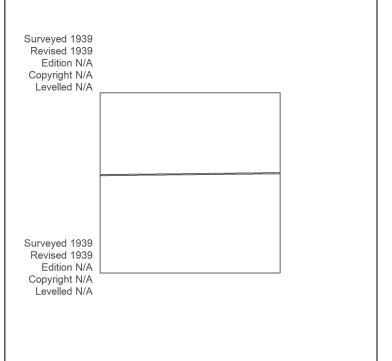




Map date: 1939

**Scale:** 1:2,500

**Printed at:** 1:2,500



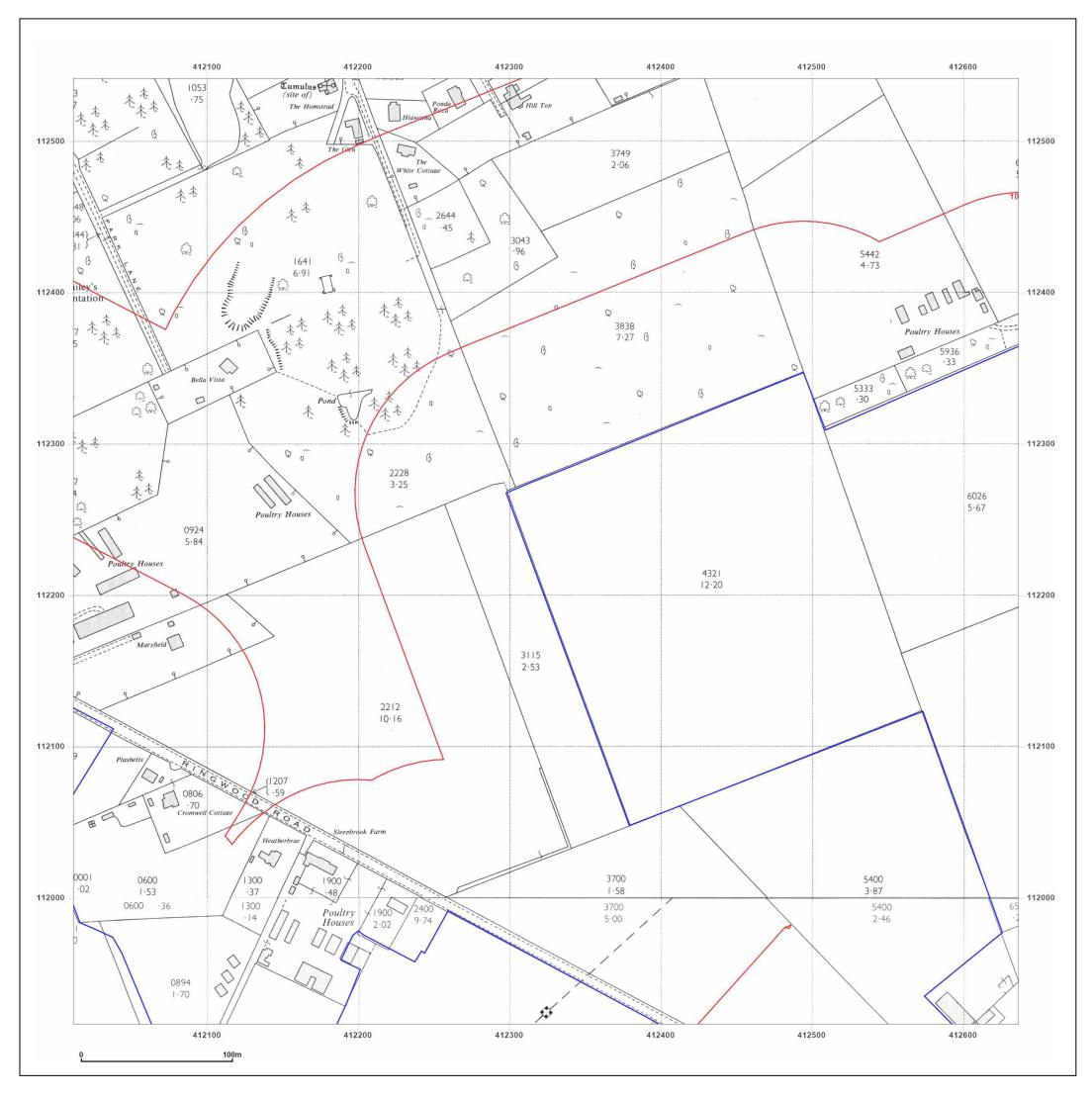
Ν

F

W

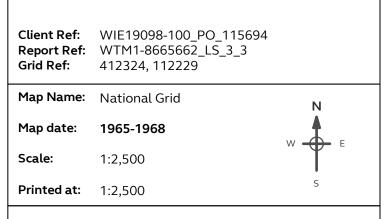


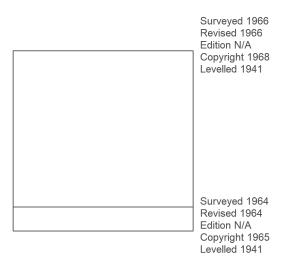
 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF





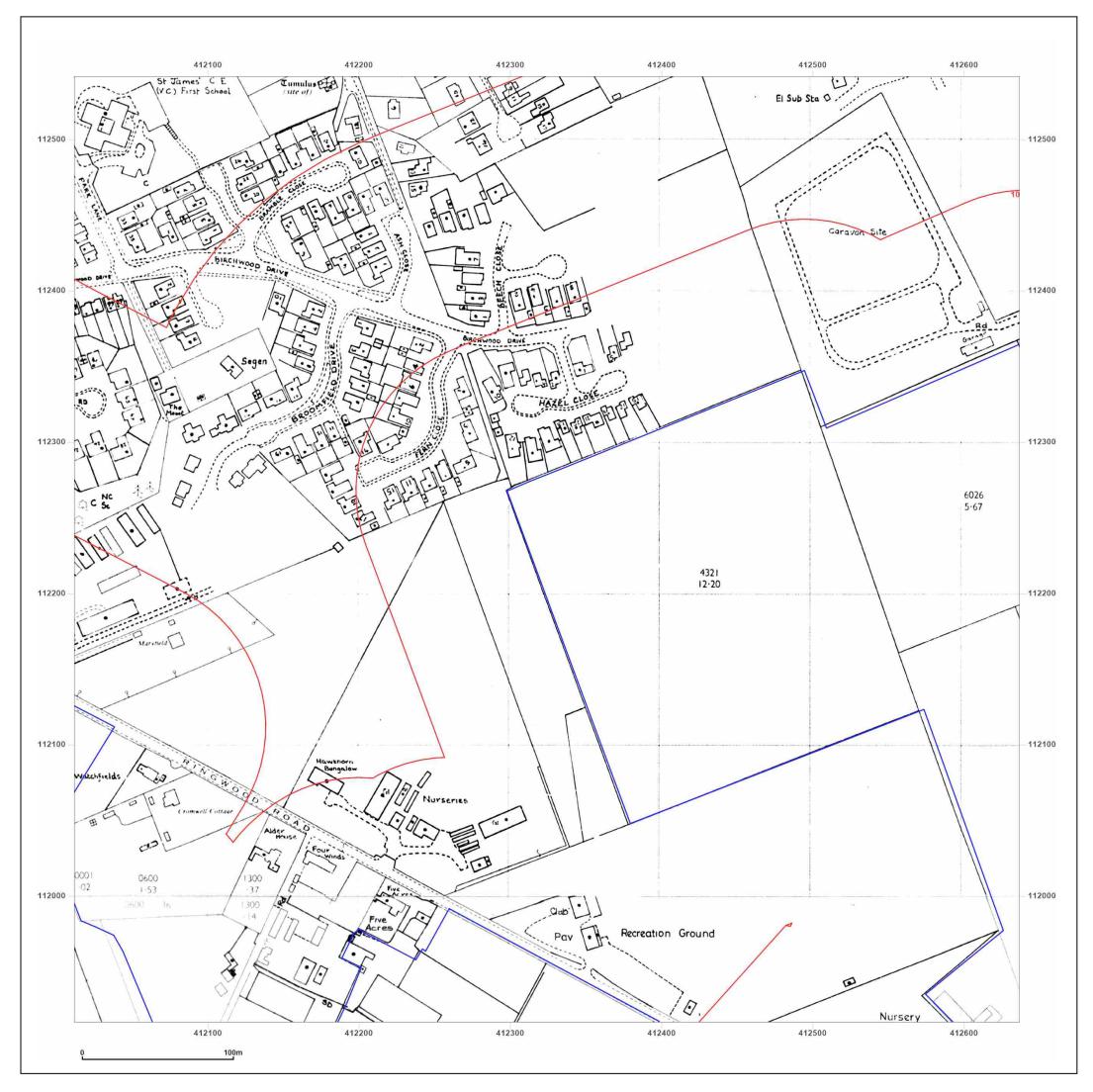


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

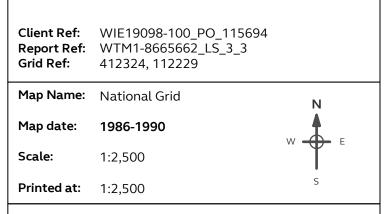
Map legend available at:

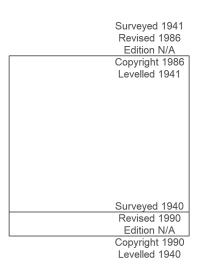
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





ALDERHOLT, SP6 3DF

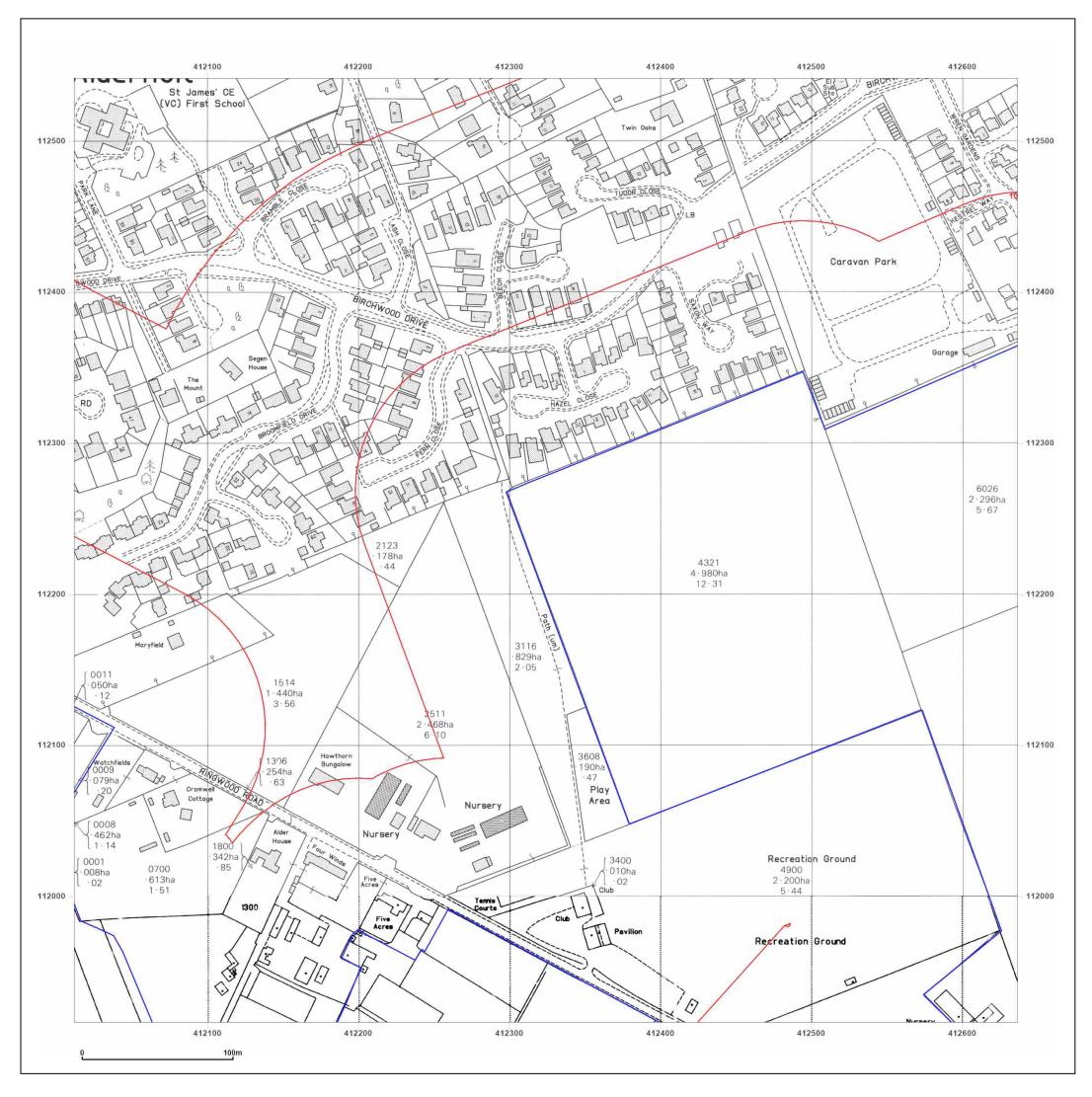






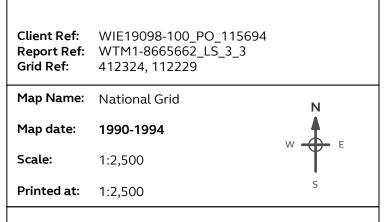
© Crown copyright and database rights 2018 Ordnance Survey 100035207

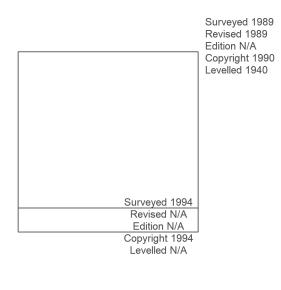
Production date: 11 April 2022





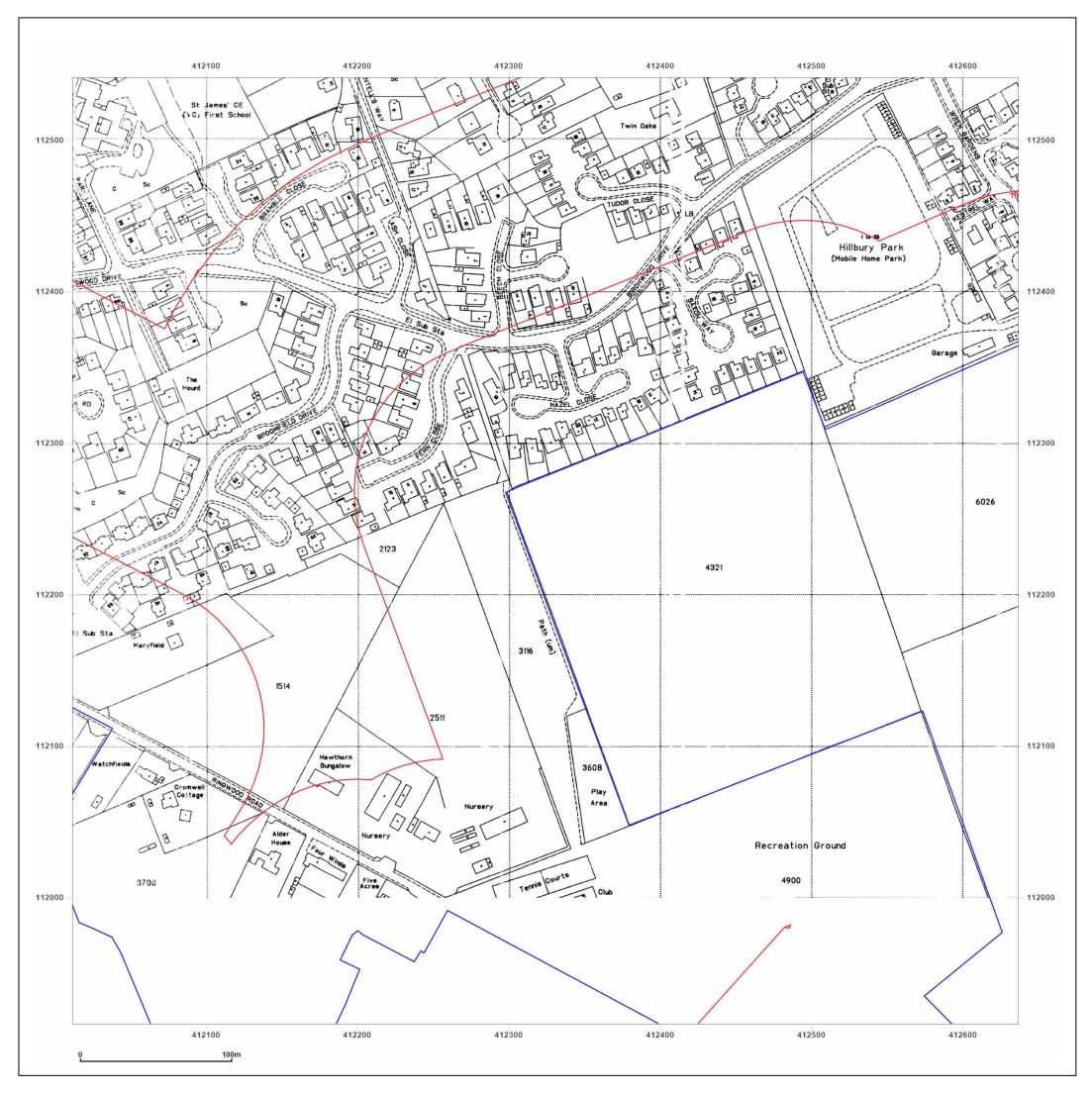
ALDERHOLT, SP6 3DF







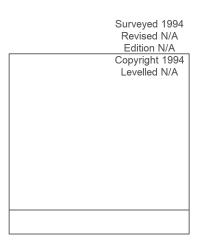
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

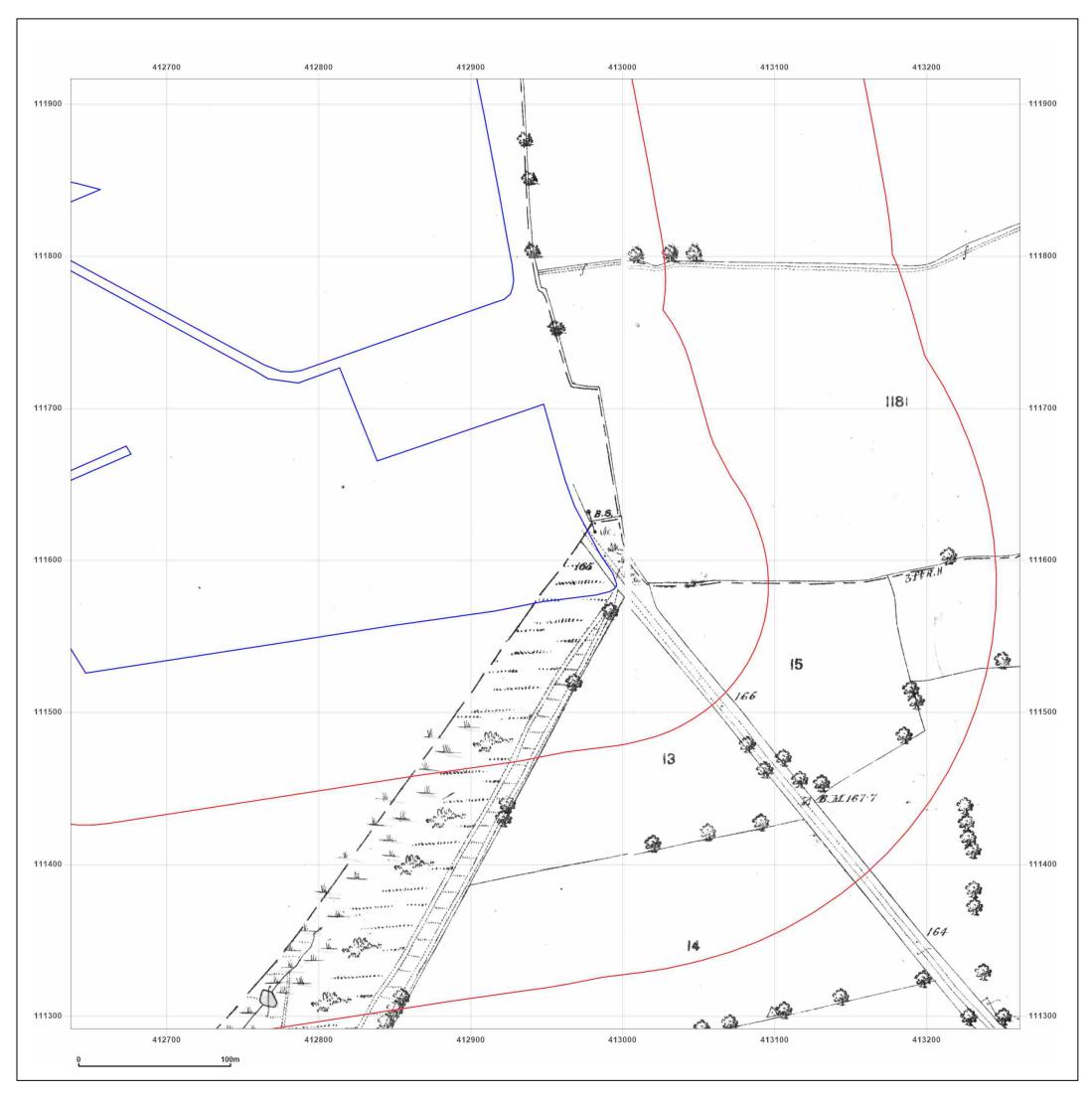
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_3_3 412324, 112229	
Map Name:	National Grid	N
Map date:	1994	
Scale:	1:2,500	ΨΤ
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

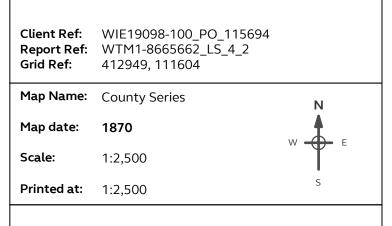


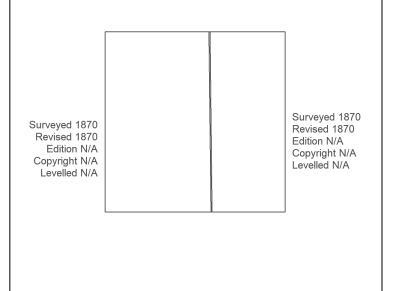
Map legend available at:



Site Details:

ALDERHOLT, SP6 3DF

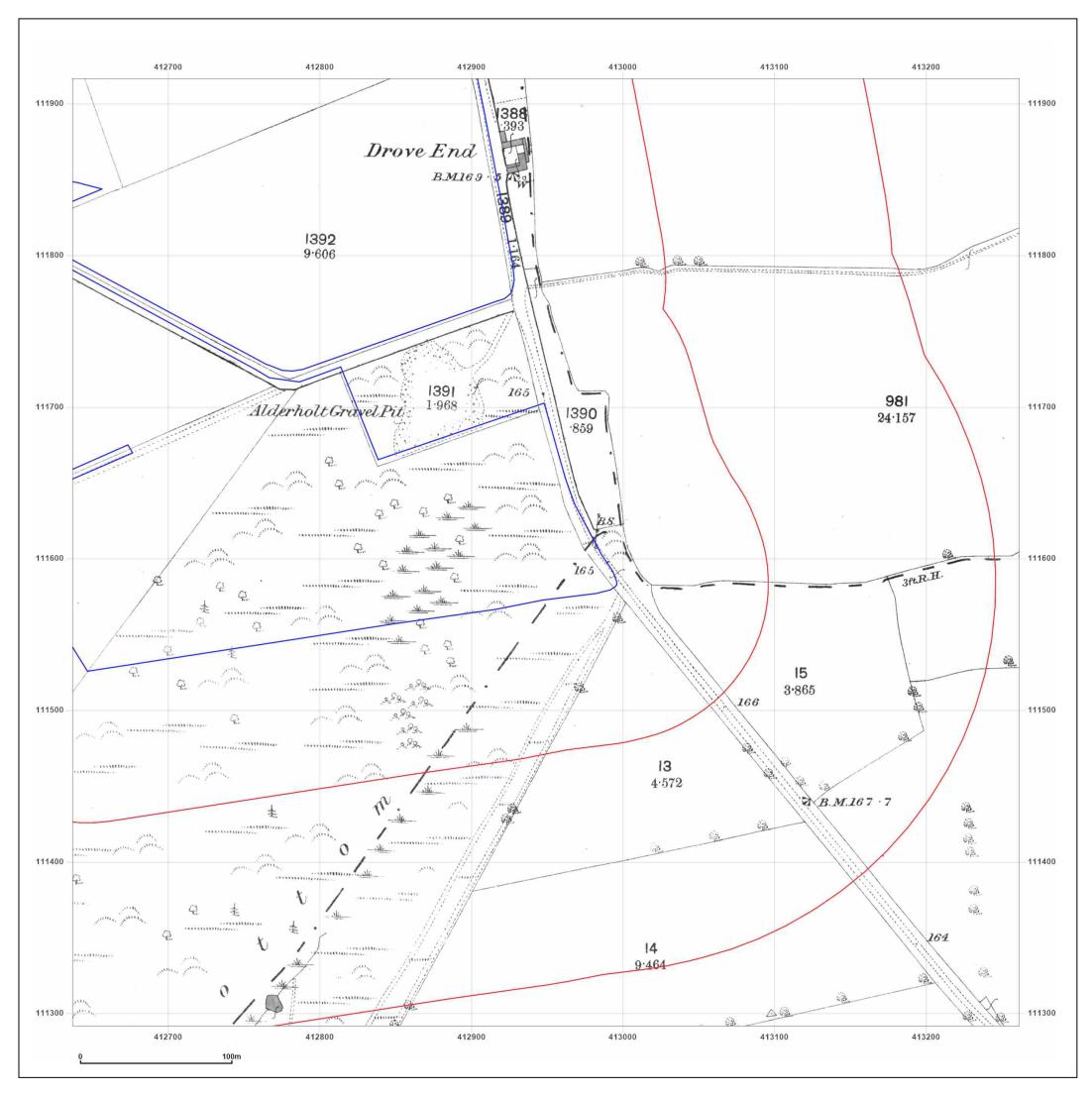






© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



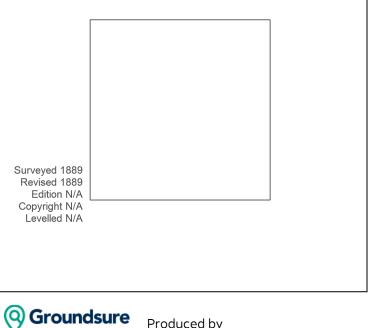
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

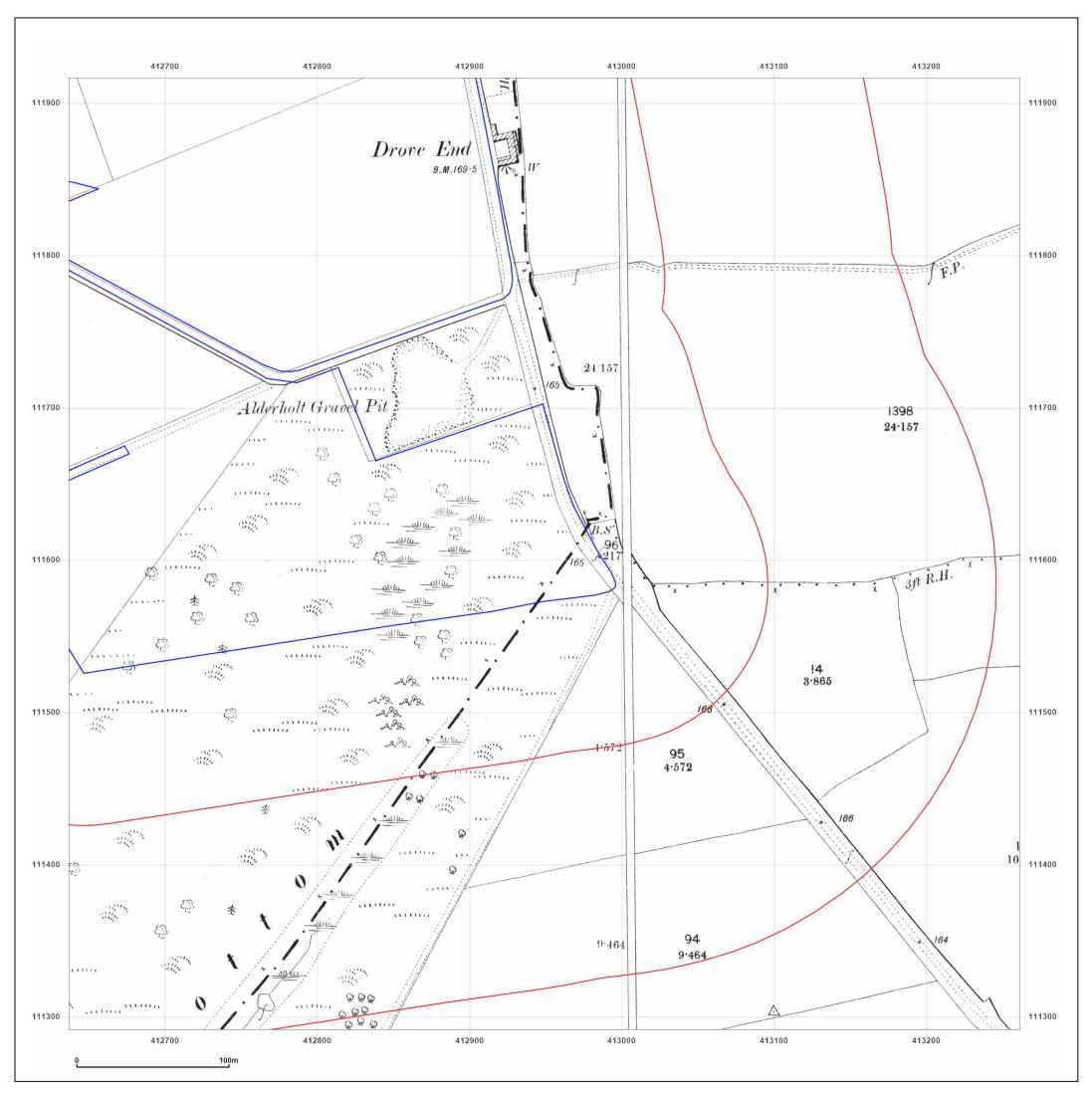
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_4_2 412949, 111604	
Map Name:	County Series	N
Map date:	1889	
Scale:	1:2,500	₩ Ţ Ĕ
Printed at:	1:2,500	S





Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

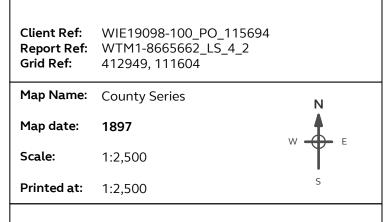


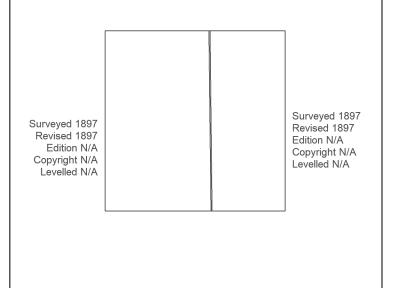
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

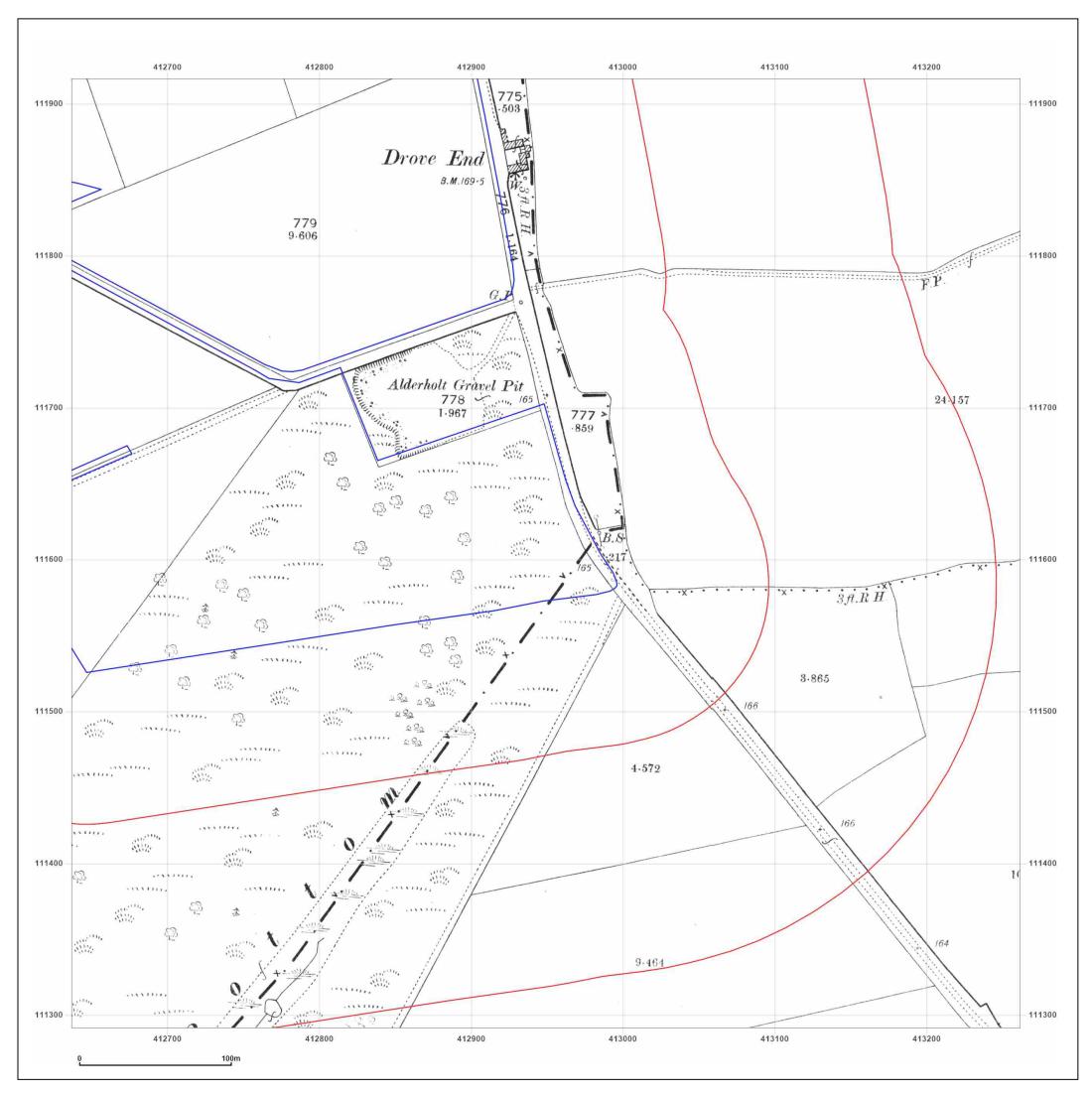
ALDERHOLT, SP6 3DF







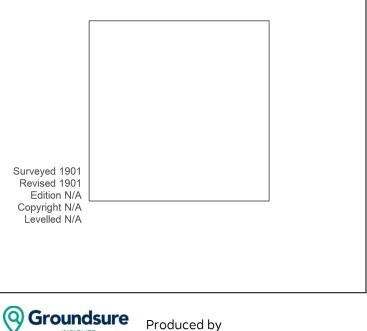
O Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_4_2 412949, 111604	
Map Name:	County Series	Ν
Map date:	1901	
Scale:	1:2,500	
Printed at:	1:2,500	S



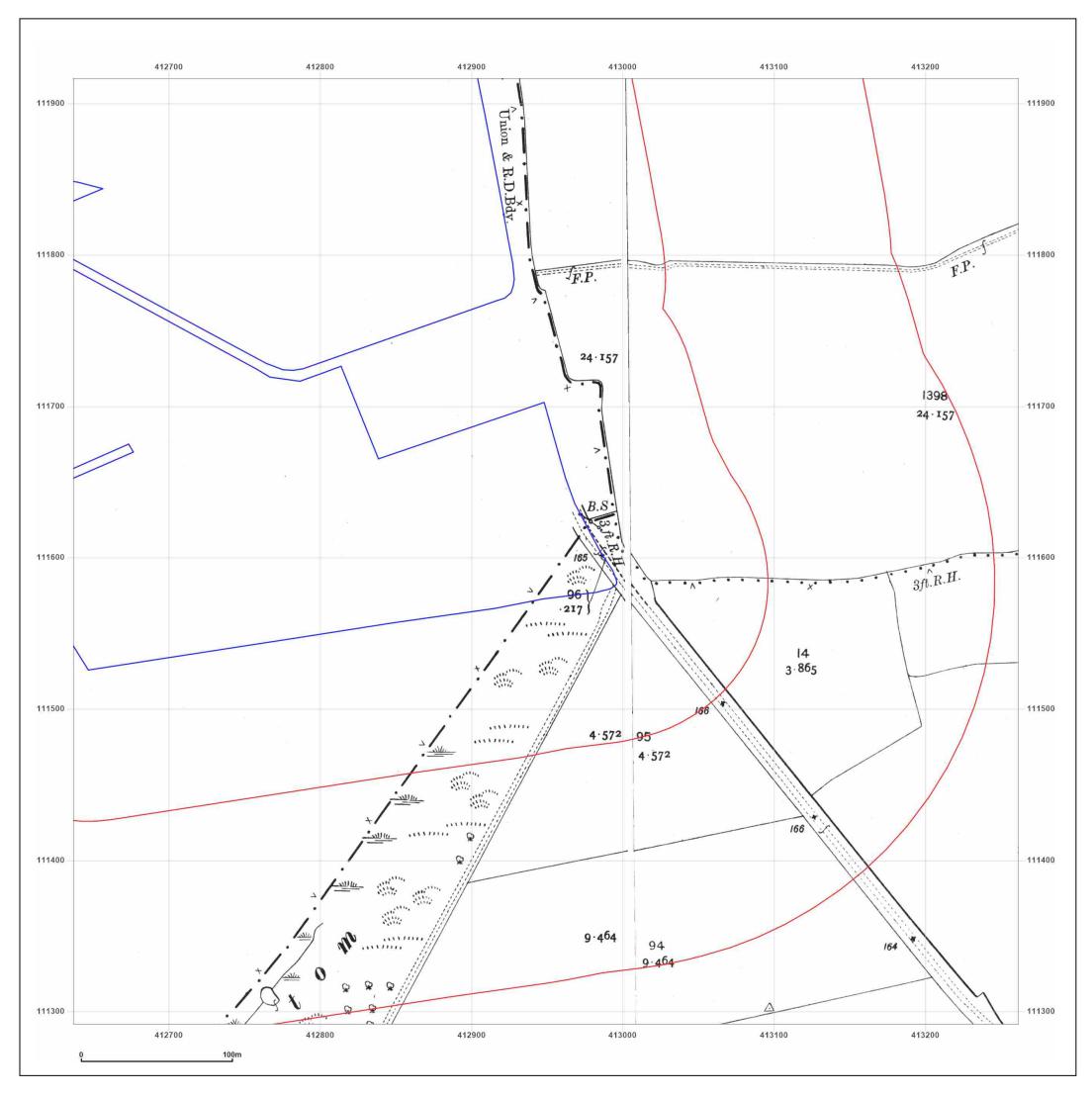


Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

 $\ensuremath{\mathbb{C}}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

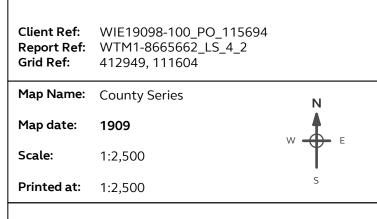


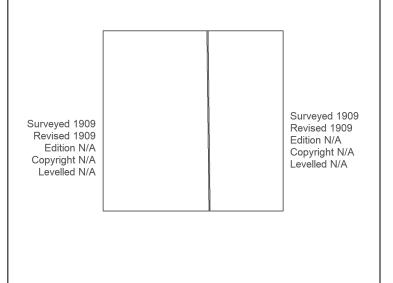
Map legend available at: <a href="https://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

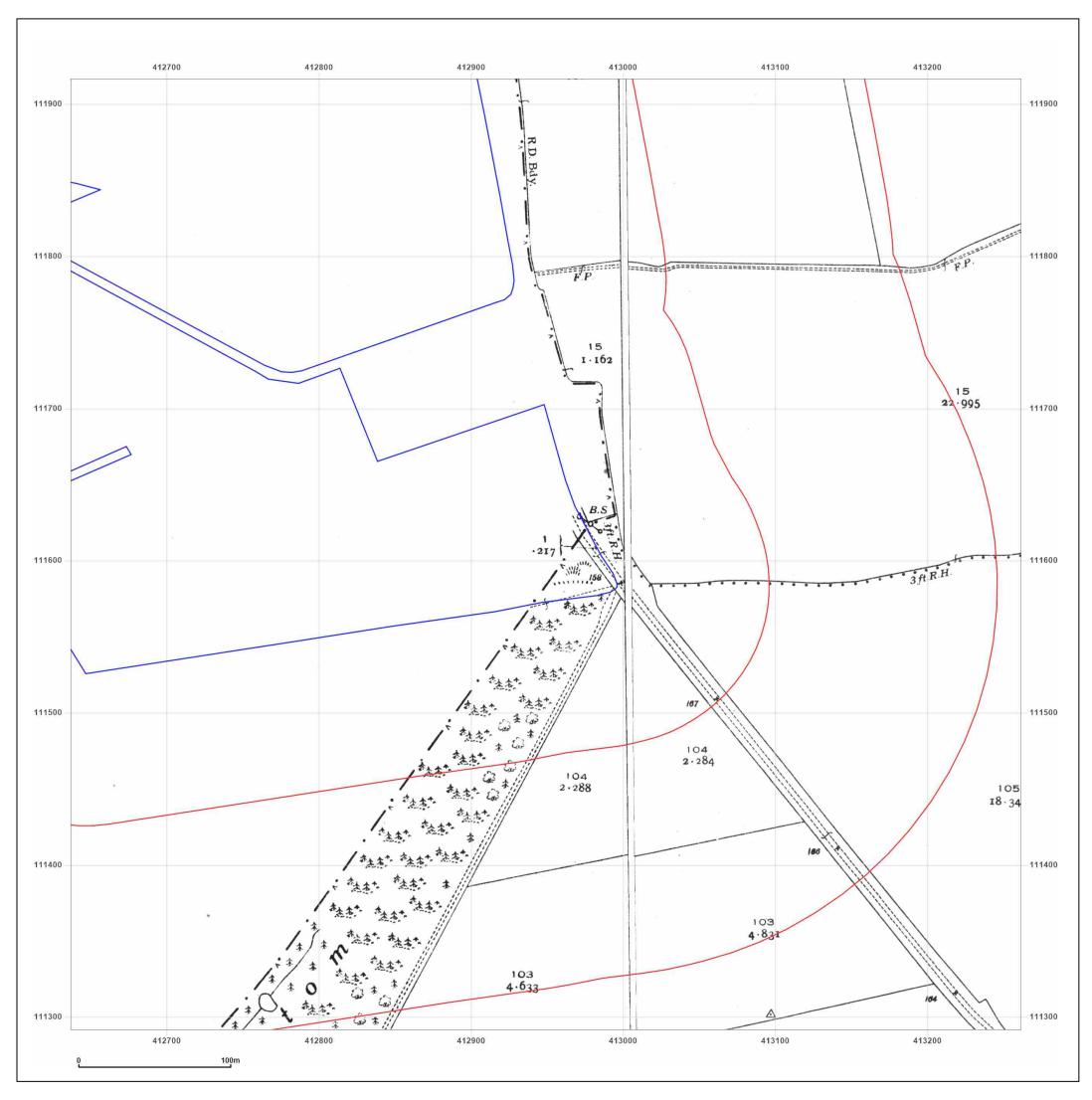
ALDERHOLT, SP6 3DF







 $\ensuremath{\mathbb{C}}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

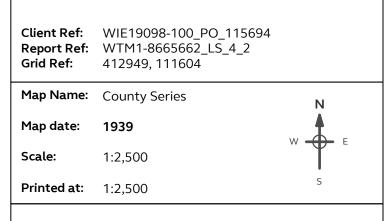


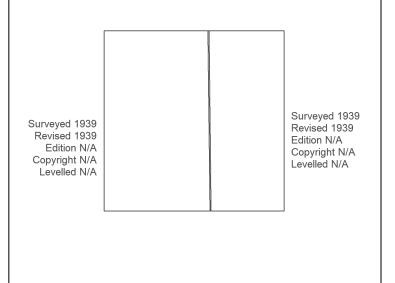
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

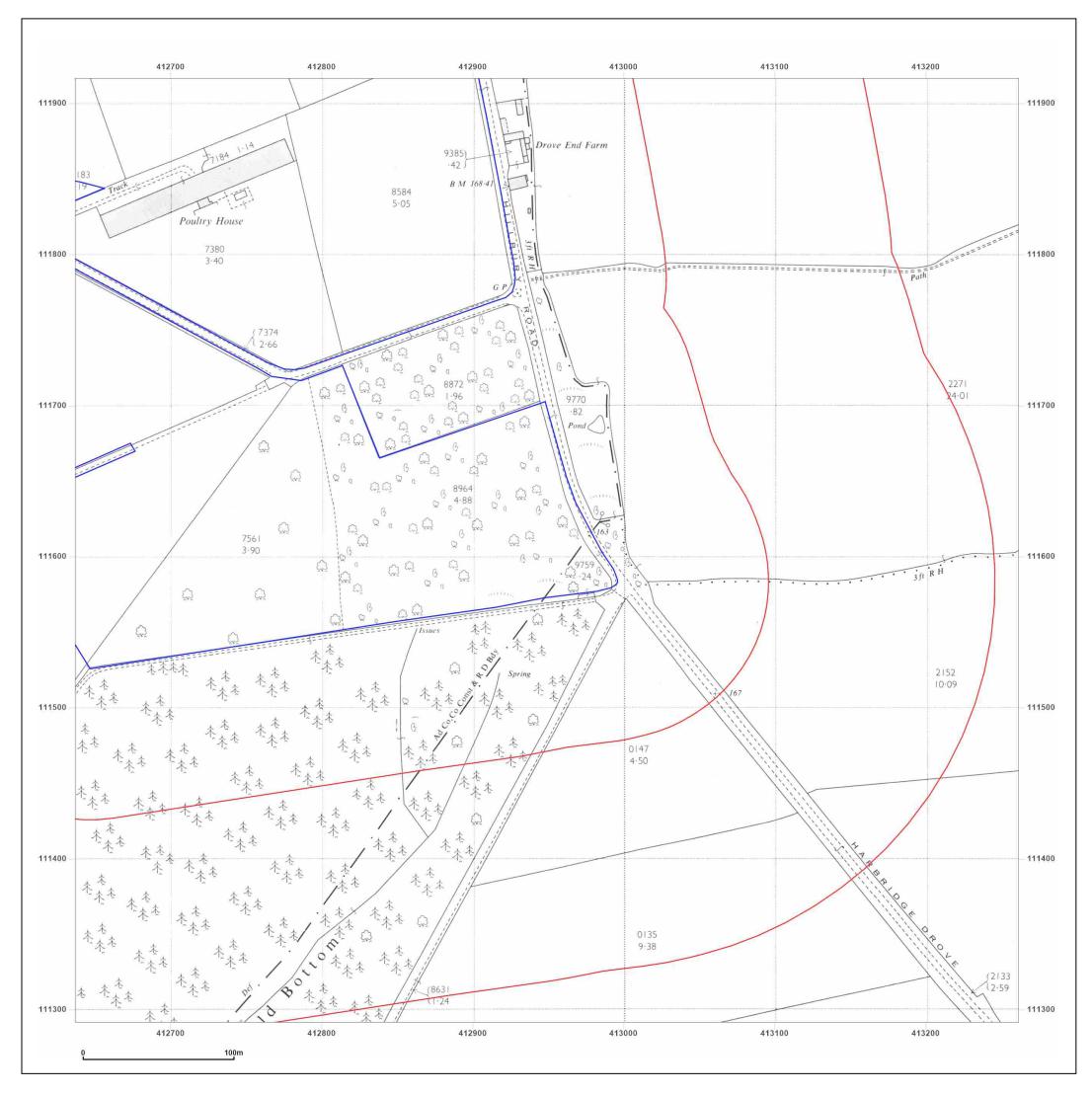
ALDERHOLT, SP6 3DF







© Crown copyright and database rights 2018 Ordnance Survey 100035207



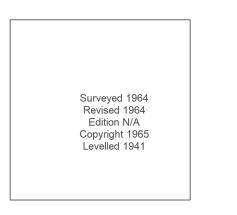
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

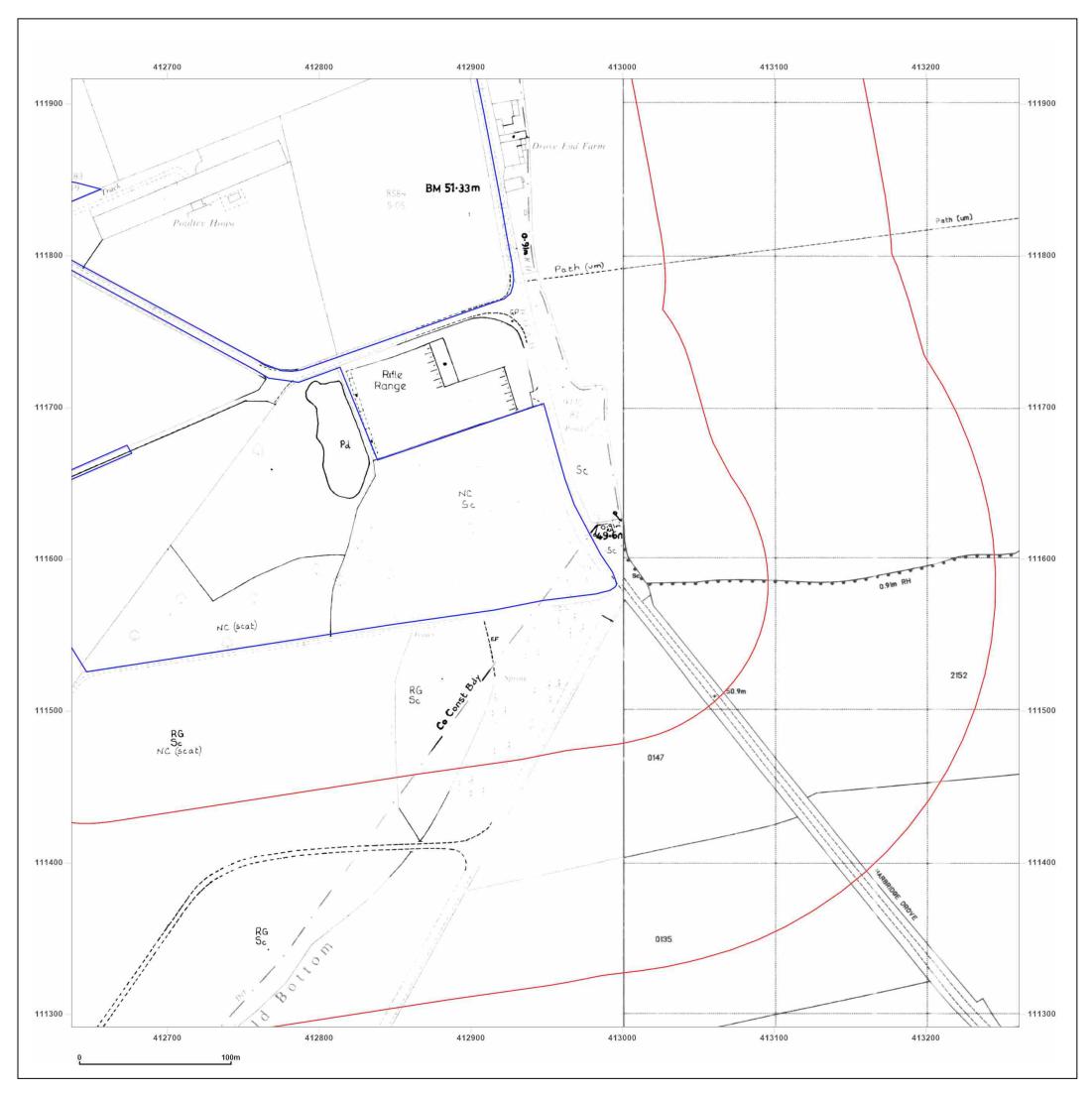
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_LS_4_2 412949, 111604	
Map Name:	National Grid	N
Map date:	1965	
Scale:	1:2,500	Ψ Τ Γ
Printed at:	1:2,500	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

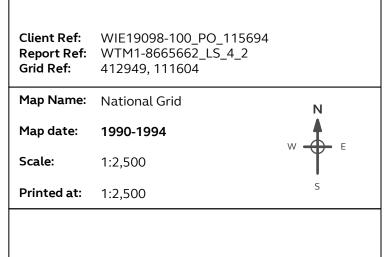


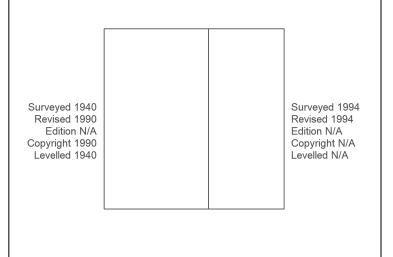
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

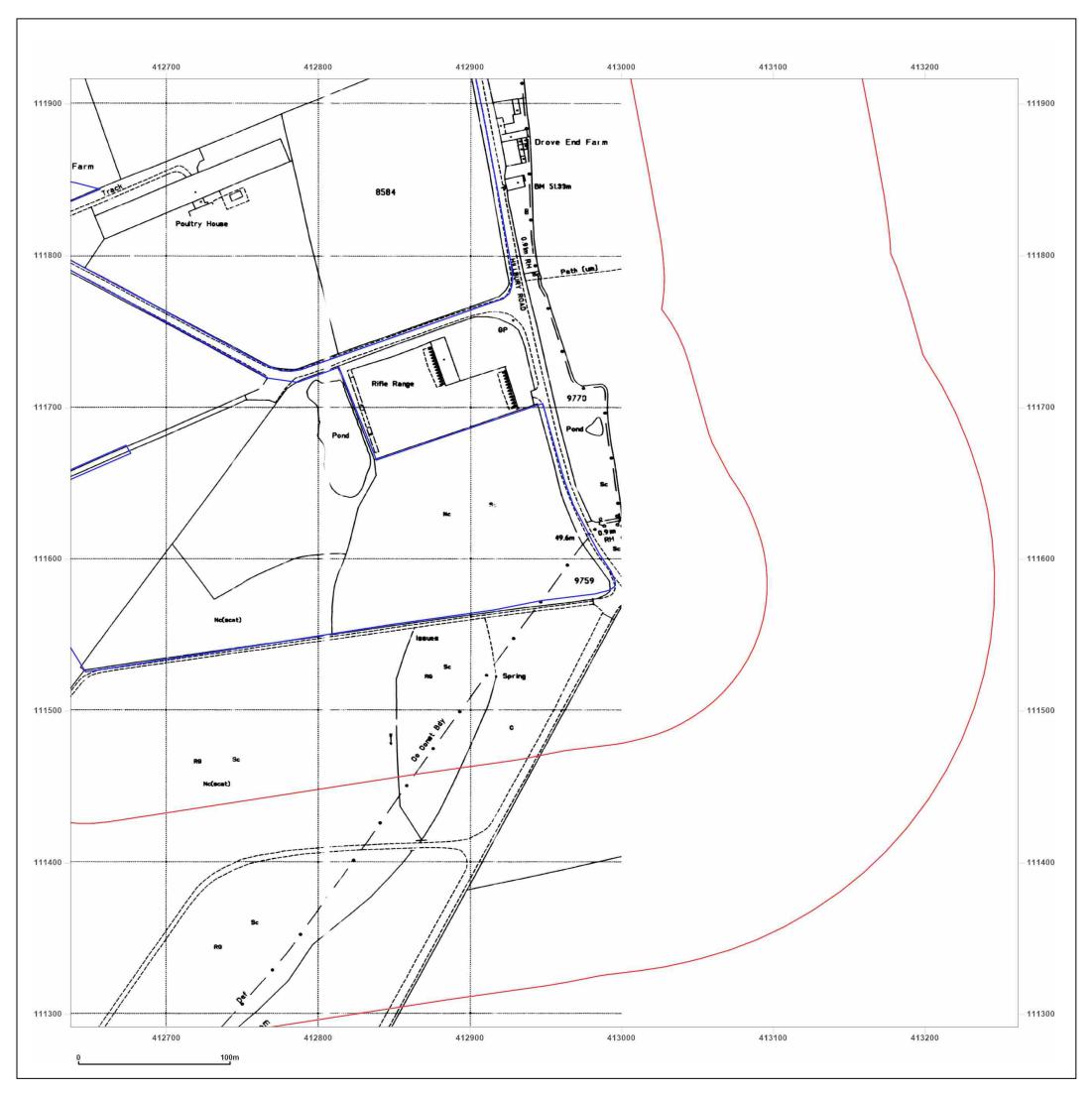
ALDERHOLT, SP6 3DF







 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

Man Namai	
Client Ref:	WIE19098-100_PO_115694
Report Ref:	WTM1-8665662_LS_4_2
Grid Ref:	412949, 111604

Ν

⊕

E

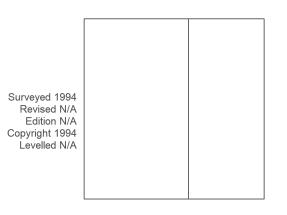
W

Map Name:	National Grid

Map date: 1994

Scale: 1:2,500

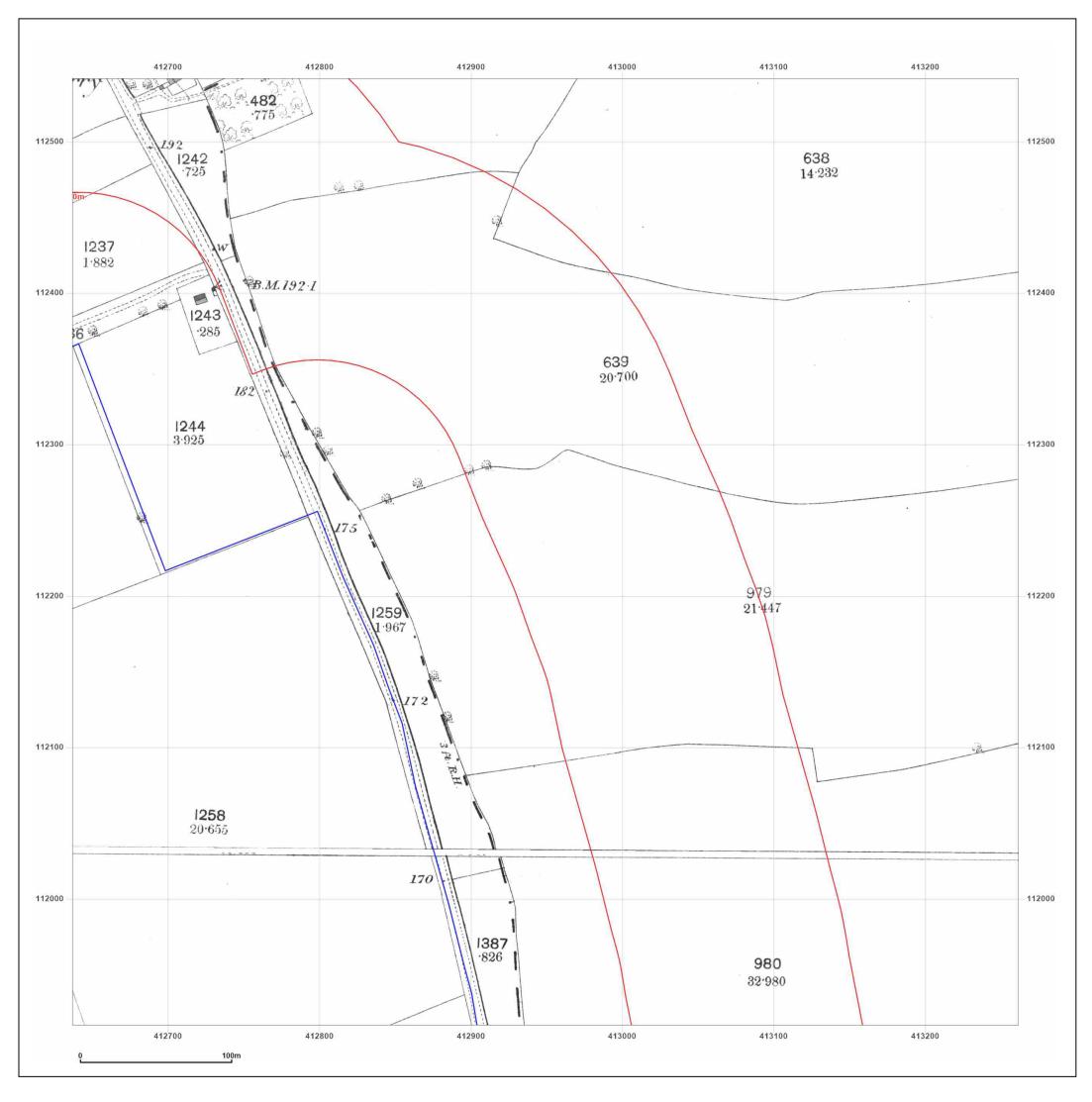
**Printed at:** 1:2,500





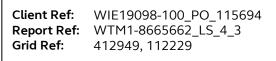
© Crown copyright and database rights 2018 Ordnance Survey 100035207

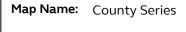
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

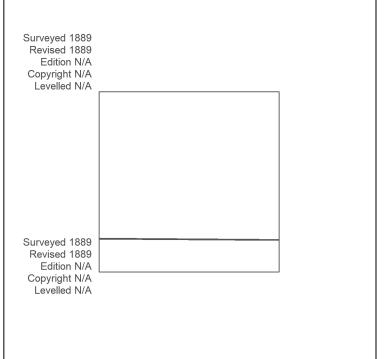




1889 Map date:

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

 $\oplus$ 

F

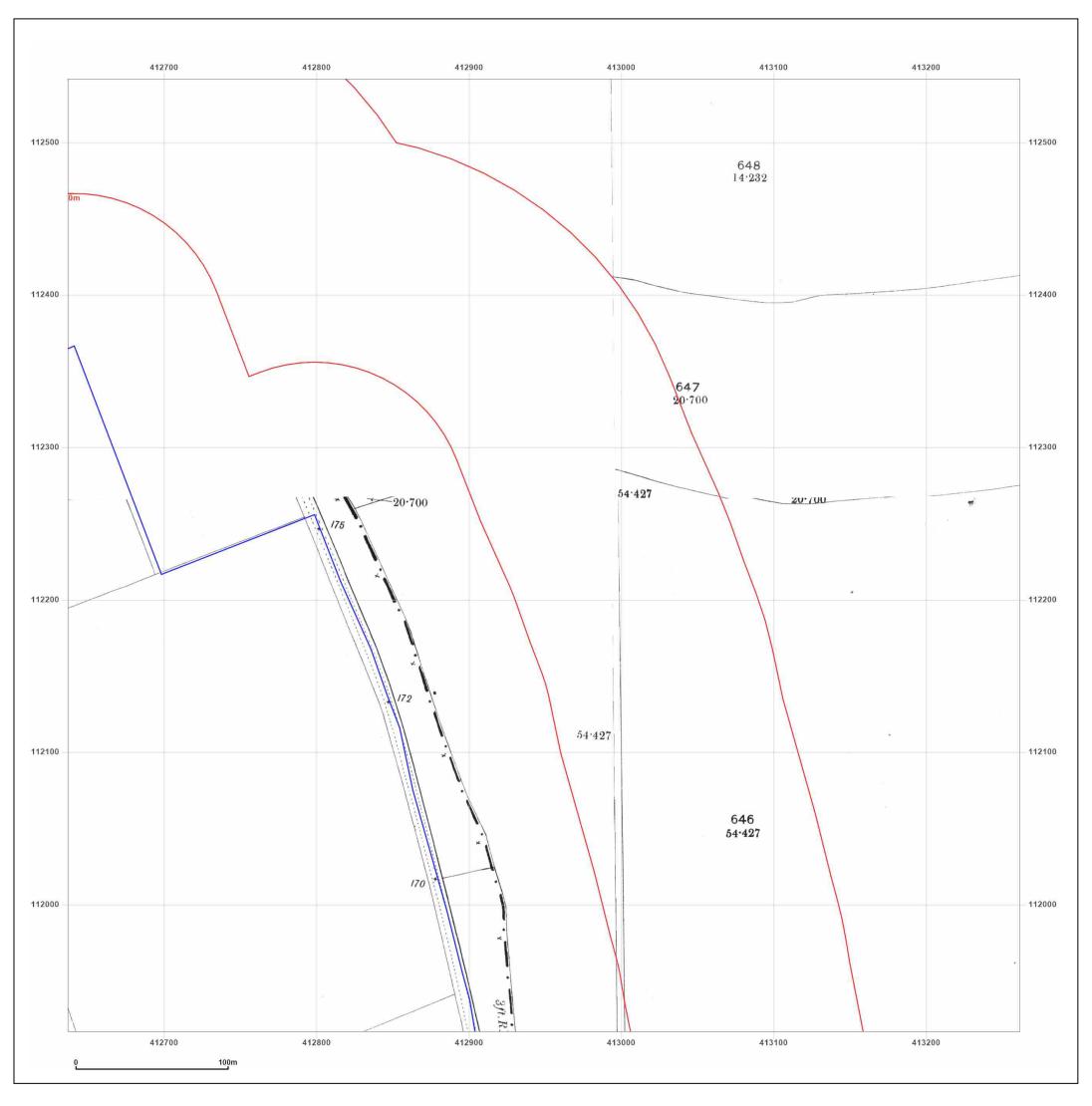
W



© Crown copyright and database rights 2018 Ordnance Survey 100035207

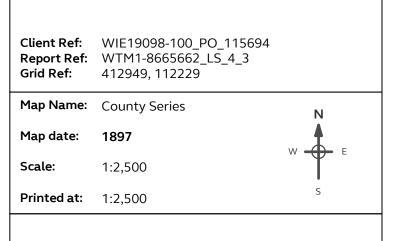
Production date: 11 April 2022

Map legend available at:



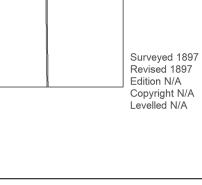


ALDERHOLT, SP6 3DF



Surveyed 1897 Revised 1897 Edition N/A Copyright N/A Levelled N/A

Surveyed 1897 Revised 1897 Edition N/A Copyright N/A Levelled N/A

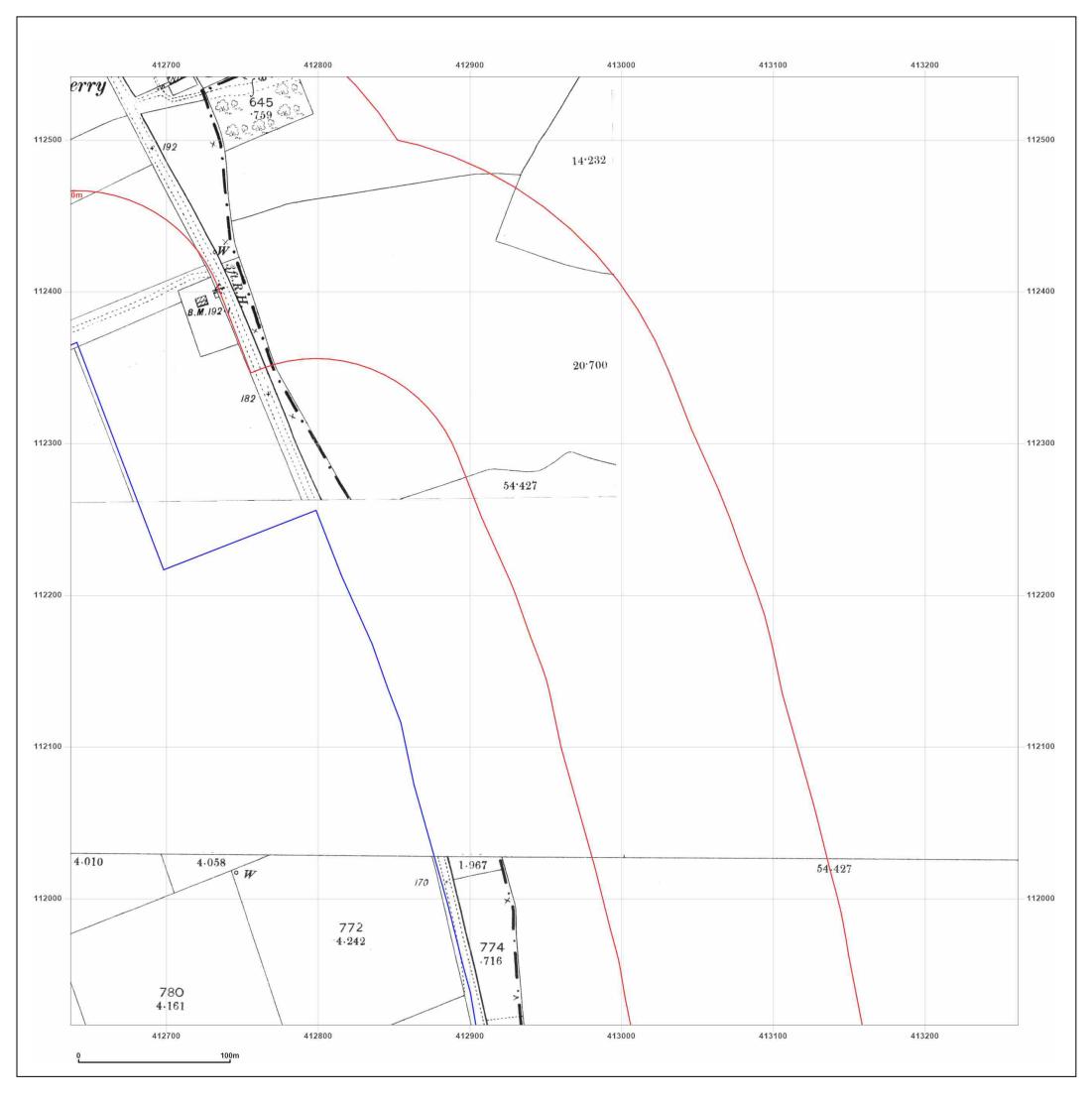




© Crown copyright and database rights 2018 Ordnance Survey 100035207

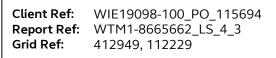
Production date: 11 April 2022

Map legend available at:





ALDERHOLT, SP6 3DF

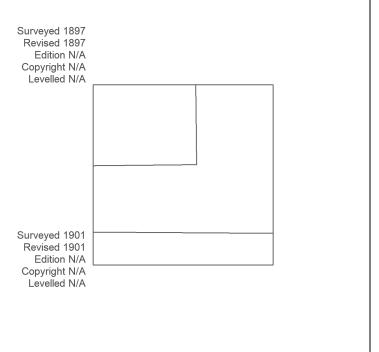


Map Name: County Series

1897-1901 Map date:

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

 $\oplus$ 

F

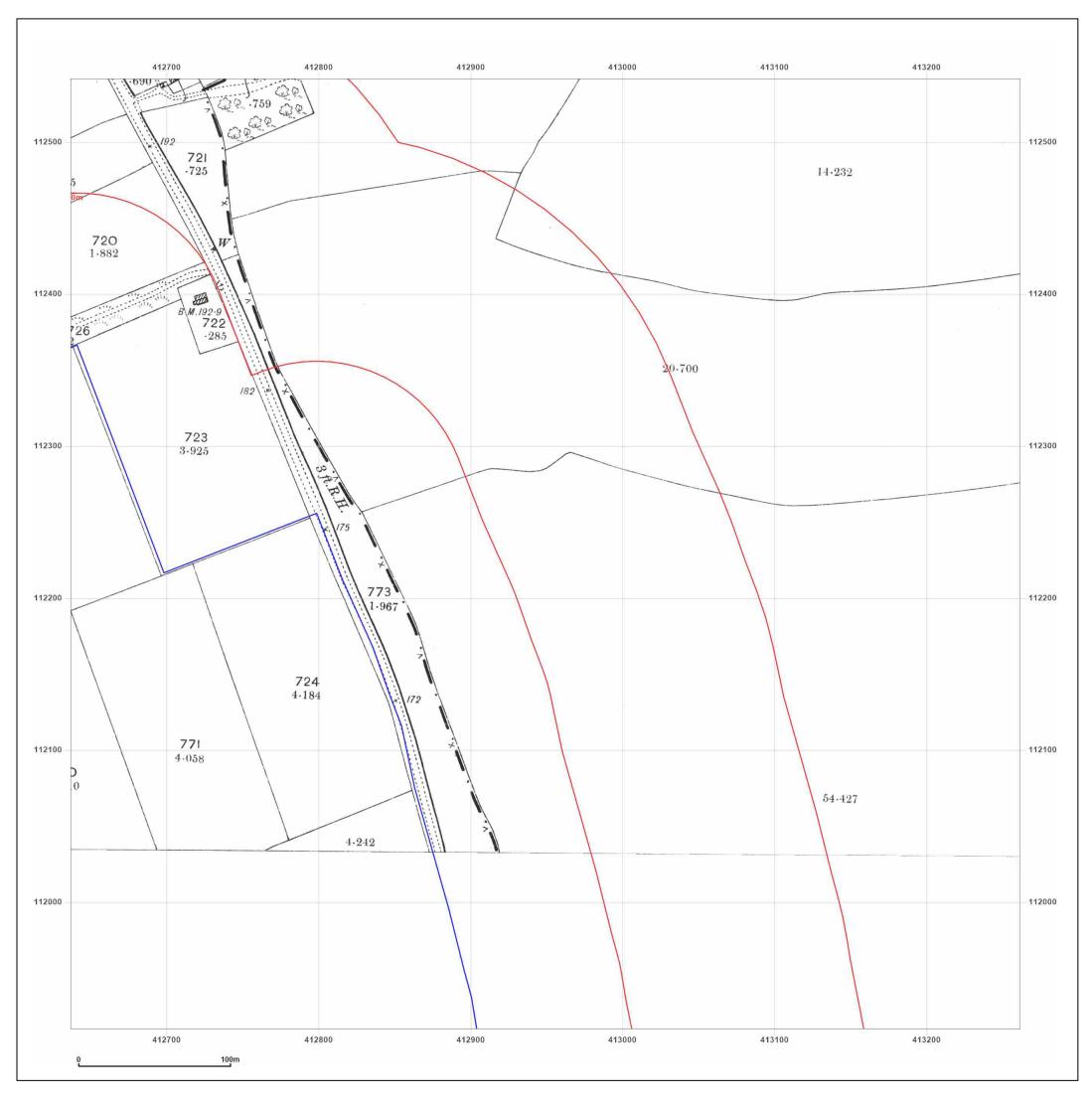
W



© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:





ALDERHOLT, SP6 3DF

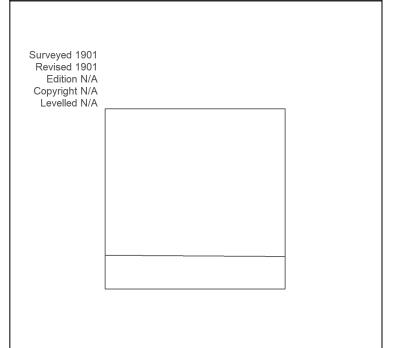
**Client Ref:** WIE19098-100\_PO\_115694 **Report Ref:** WTM1-8665662\_LS\_4\_3 Grid Ref: 412949, 112229

Map Name: County Series

Map date: 1901

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

 $\oplus$ 

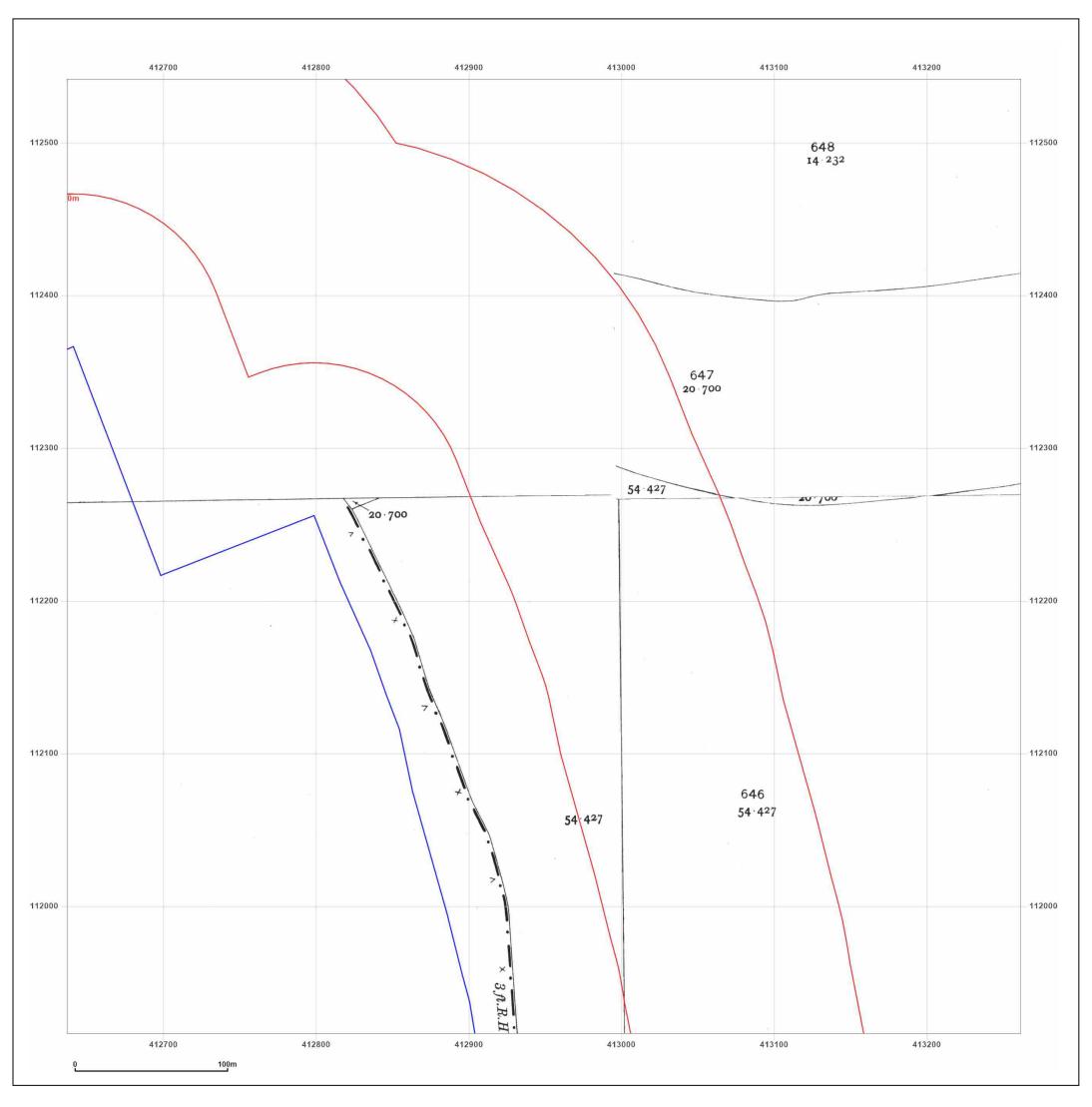
E

W



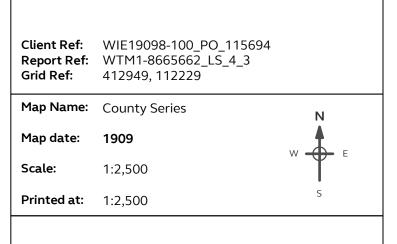
© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



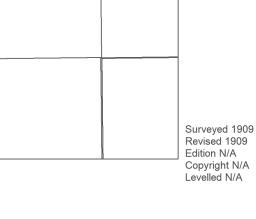


ALDERHOLT, SP6 3DF



Surveyed 1909 Revised 1909 Edition N/A Copyright N/A Levelled N/A

Surveyed 1909 Revised 1909 Edition N/A Copyright N/A Levelled N/A

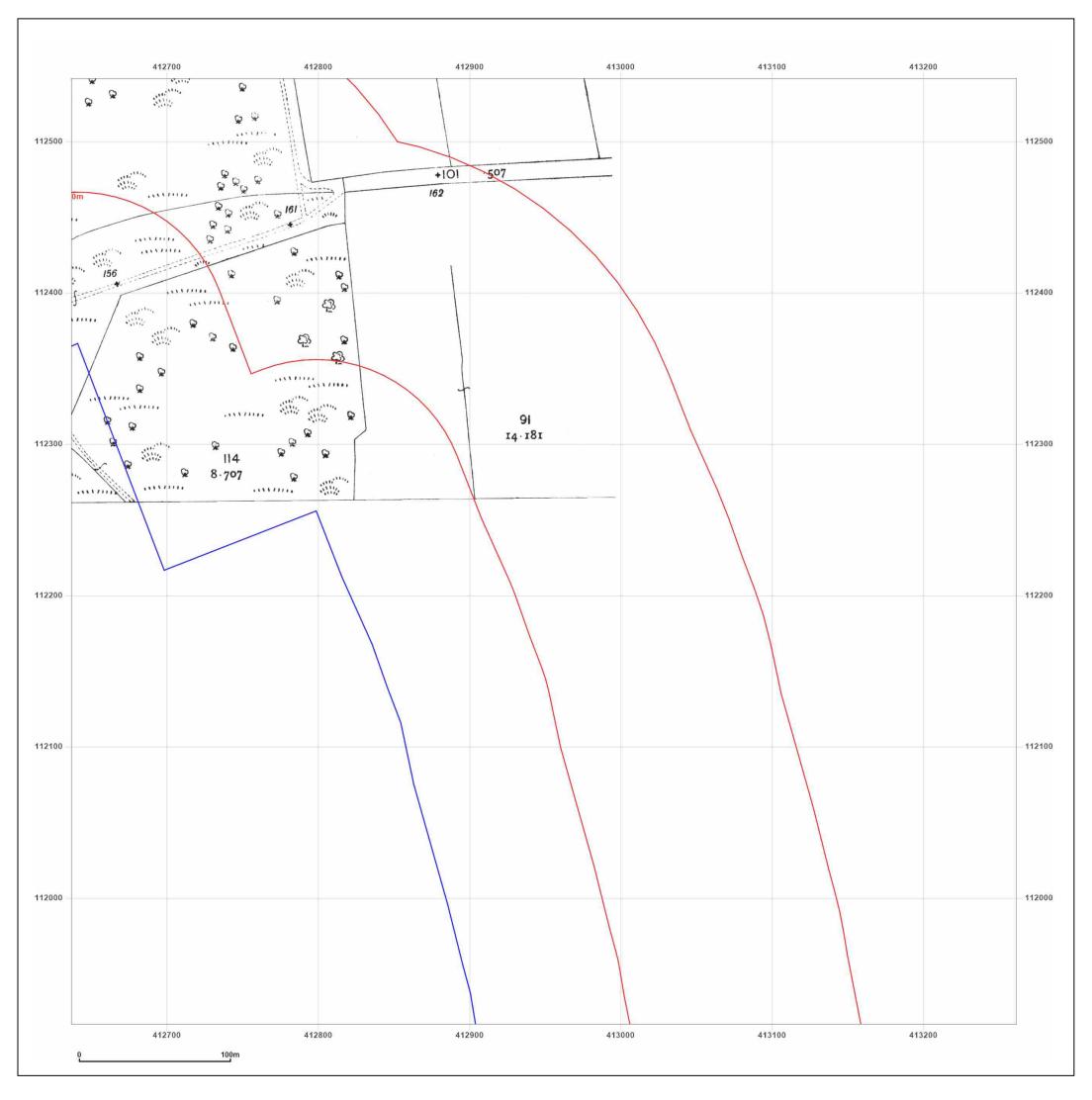




© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:





ALDERHOLT, SP6 3DF

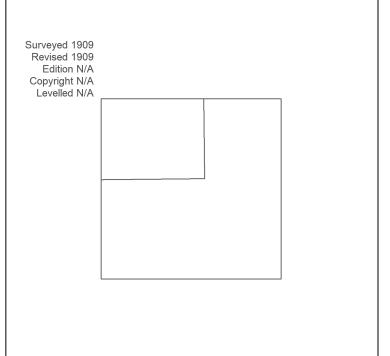
**Client Ref:** WIE19098-100\_PO\_115694 **Report Ref:** WTM1-8665662\_LS\_4\_3 Grid Ref: 412949, 112229

Map Name: County Series

Map date: 1909

Scale: 1:2,500

**Printed at:** 1:2,500



Ν

 $\oplus$ 

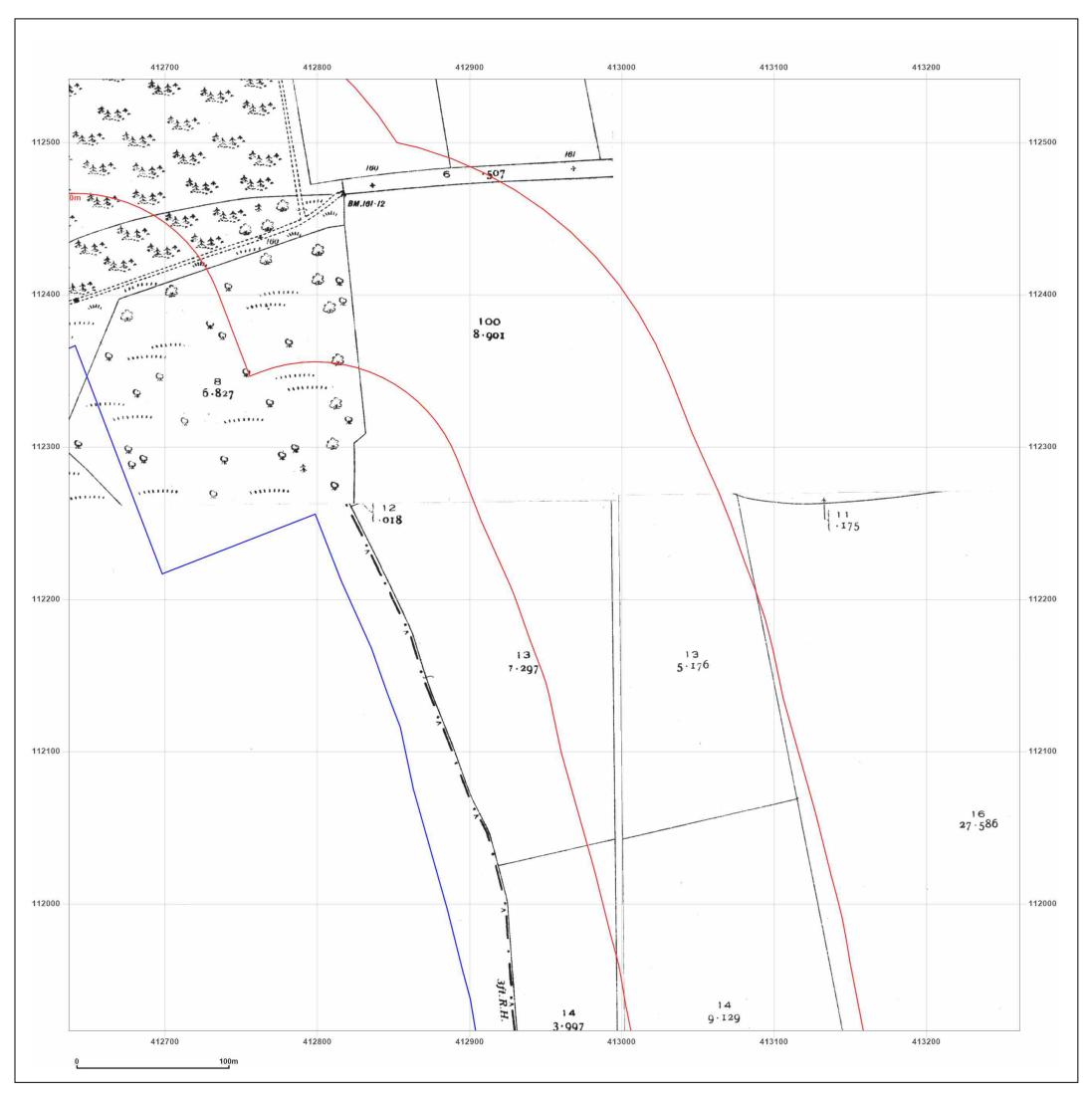
E

W



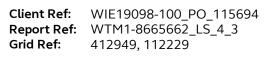
© Crown copyright and database rights 2018 Ordnance Survey 100035207

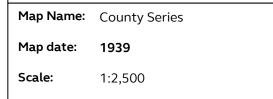
Production date: 11 April 2022



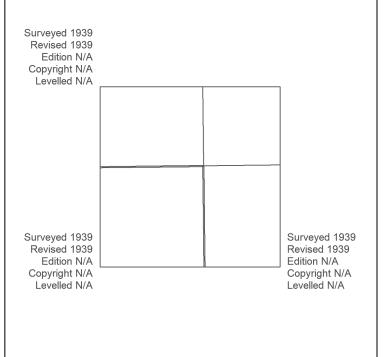


ALDERHOLT, SP6 3DF





**Printed at:** 1:2,500



Ν

 $\oplus$ 

F

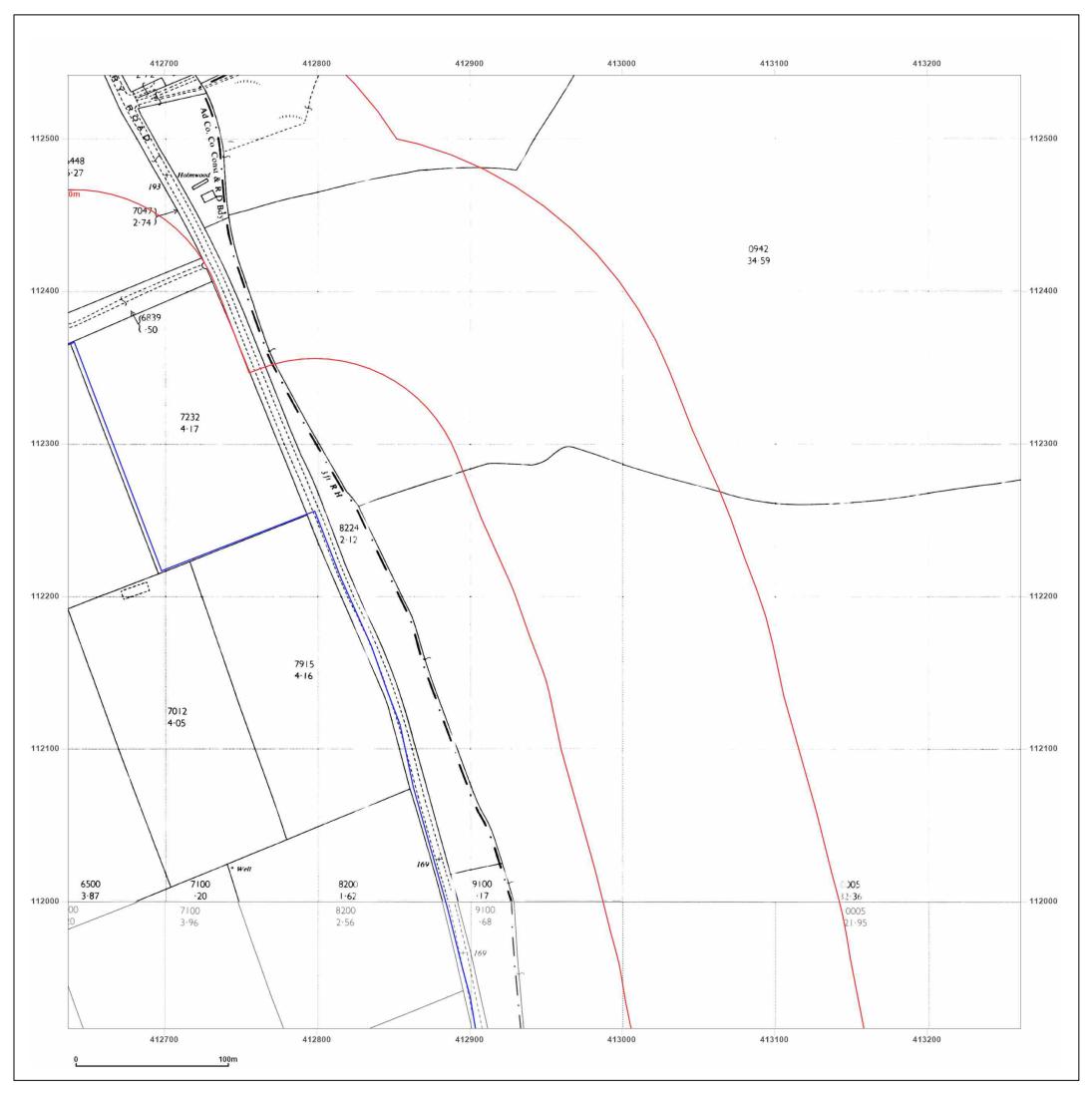
W



 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

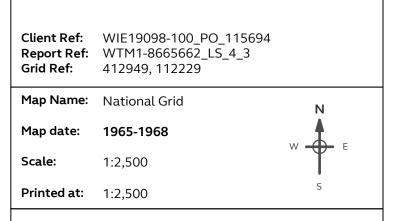
Production date: 11 April 2022

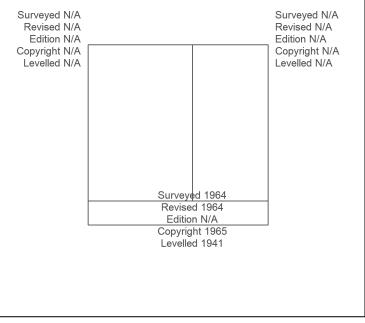
Map legend available at:





ALDERHOLT, SP6 3DF





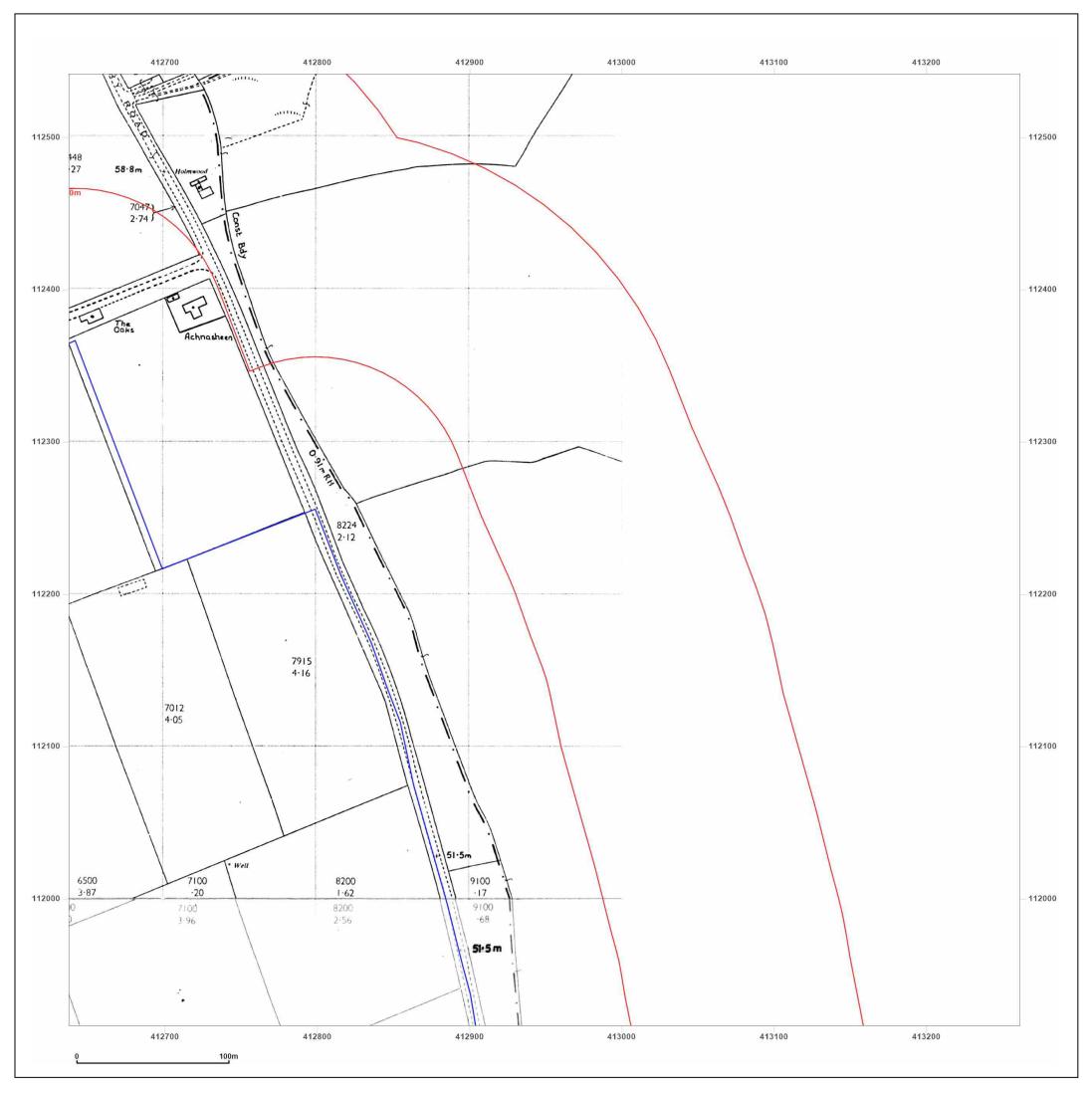


Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:





ALDERHOLT, SP6 3DF

Client Ref:	WIE19098-100_PO_115694
Report Ref:	WTM1-8665662_LS_4_3
Grid Ref:	412949, 112229
Map Name:	National Grid

Ν

 $\oplus$ 

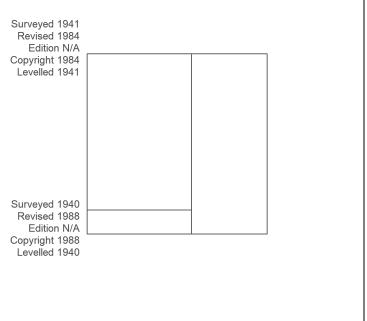
E

W

Map date: 1984-1988

Scale: 1:2,500

**Printed at:** 1:2,500

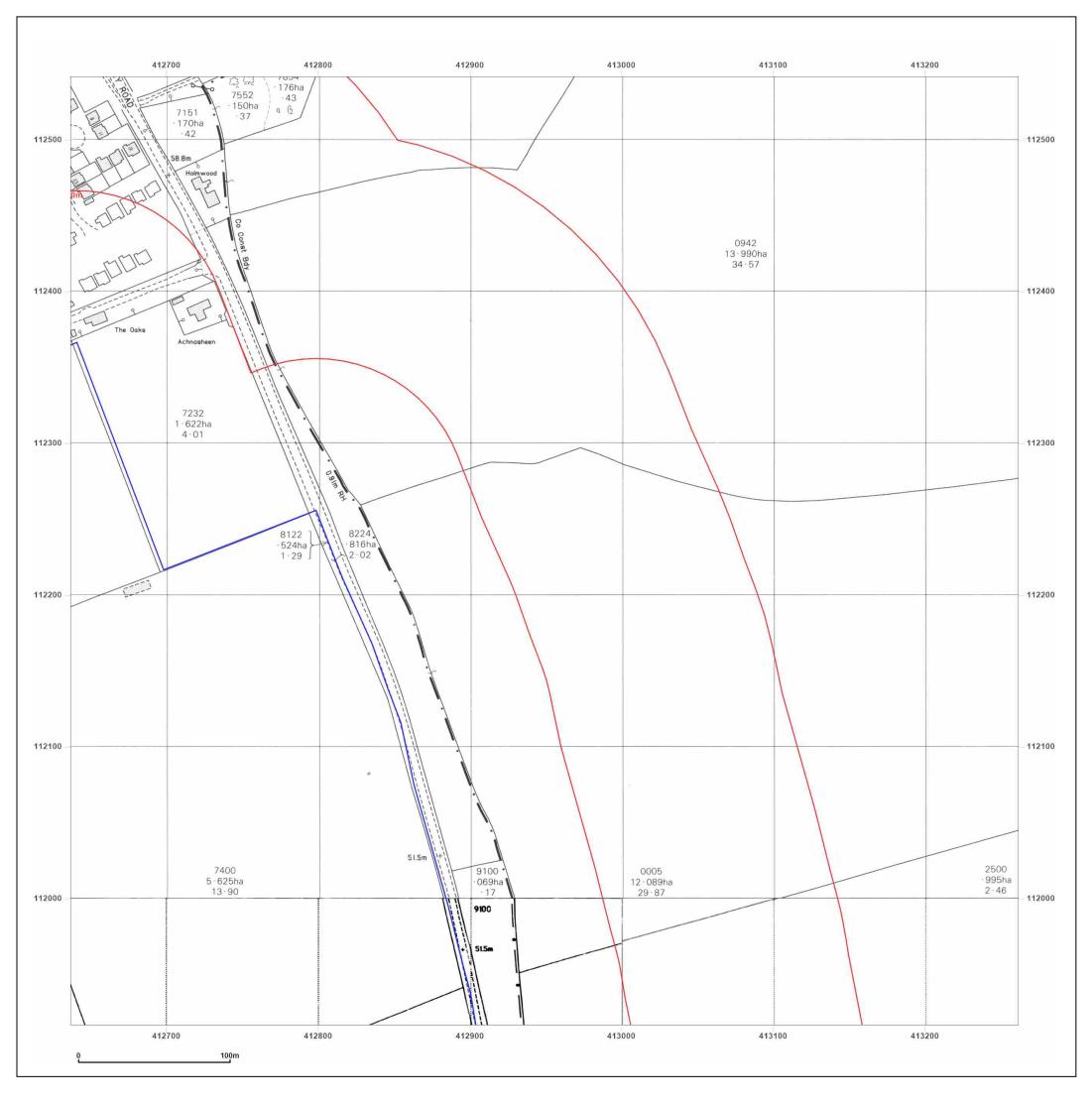




© Crown copyright and database rights 2018 Ordnance Survey 100035207

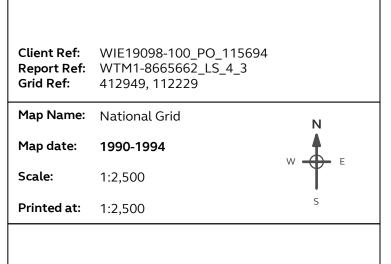
Production date: 11 April 2022

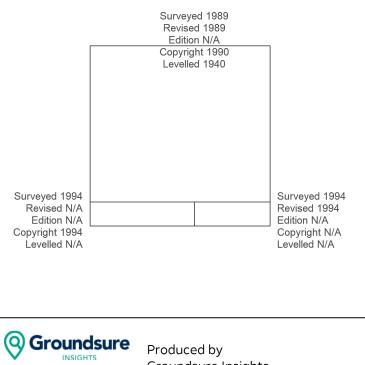
Map legend available at:





ALDERHOLT, SP6 3DF





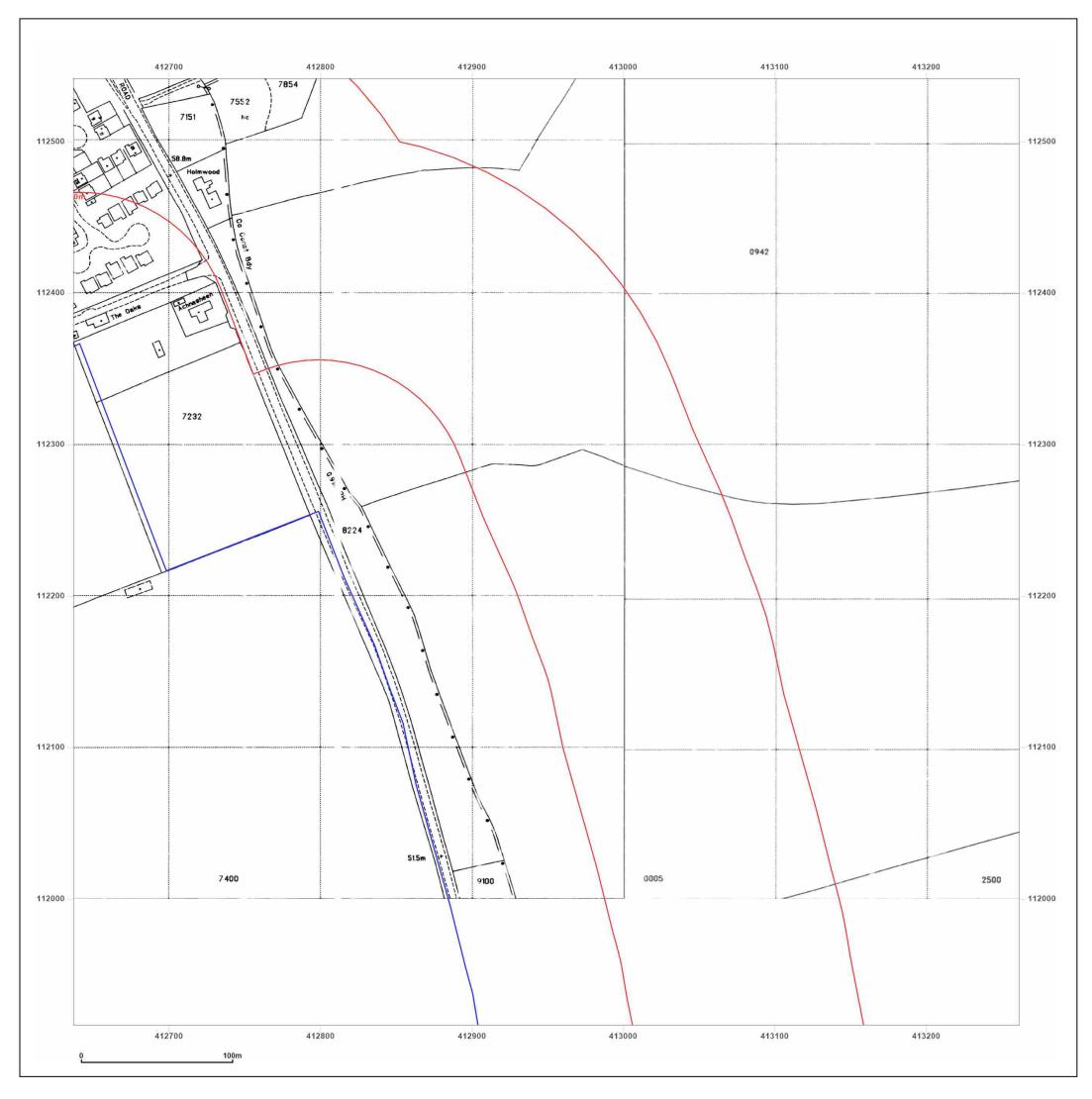


Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

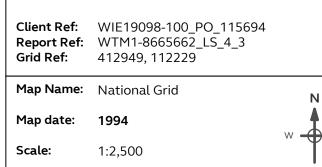


Map legend available at: <a href="https://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



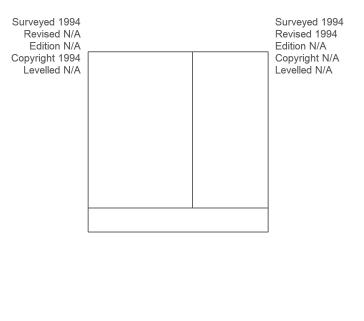
Site Details:

ALDERHOLT, SP6 3DF



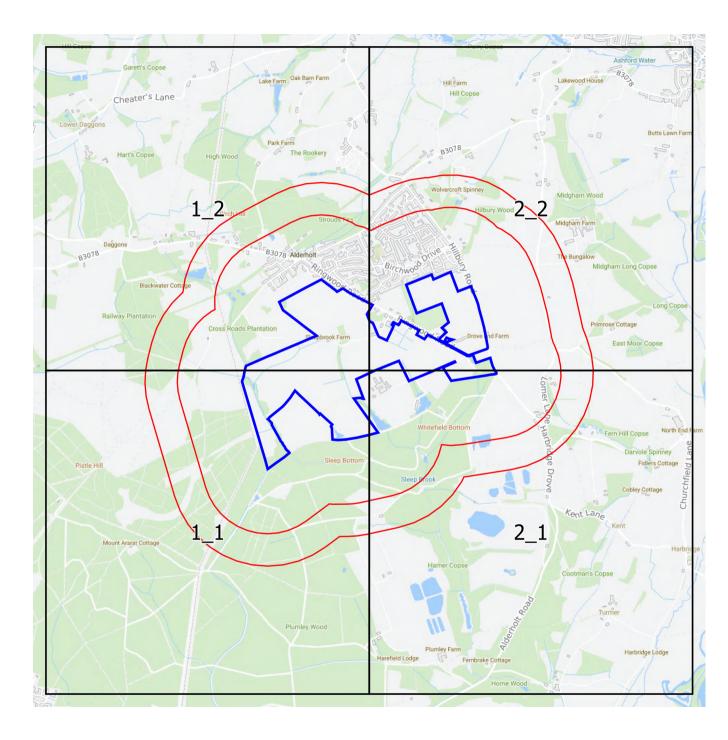
F

**Printed at:** 1:2,500





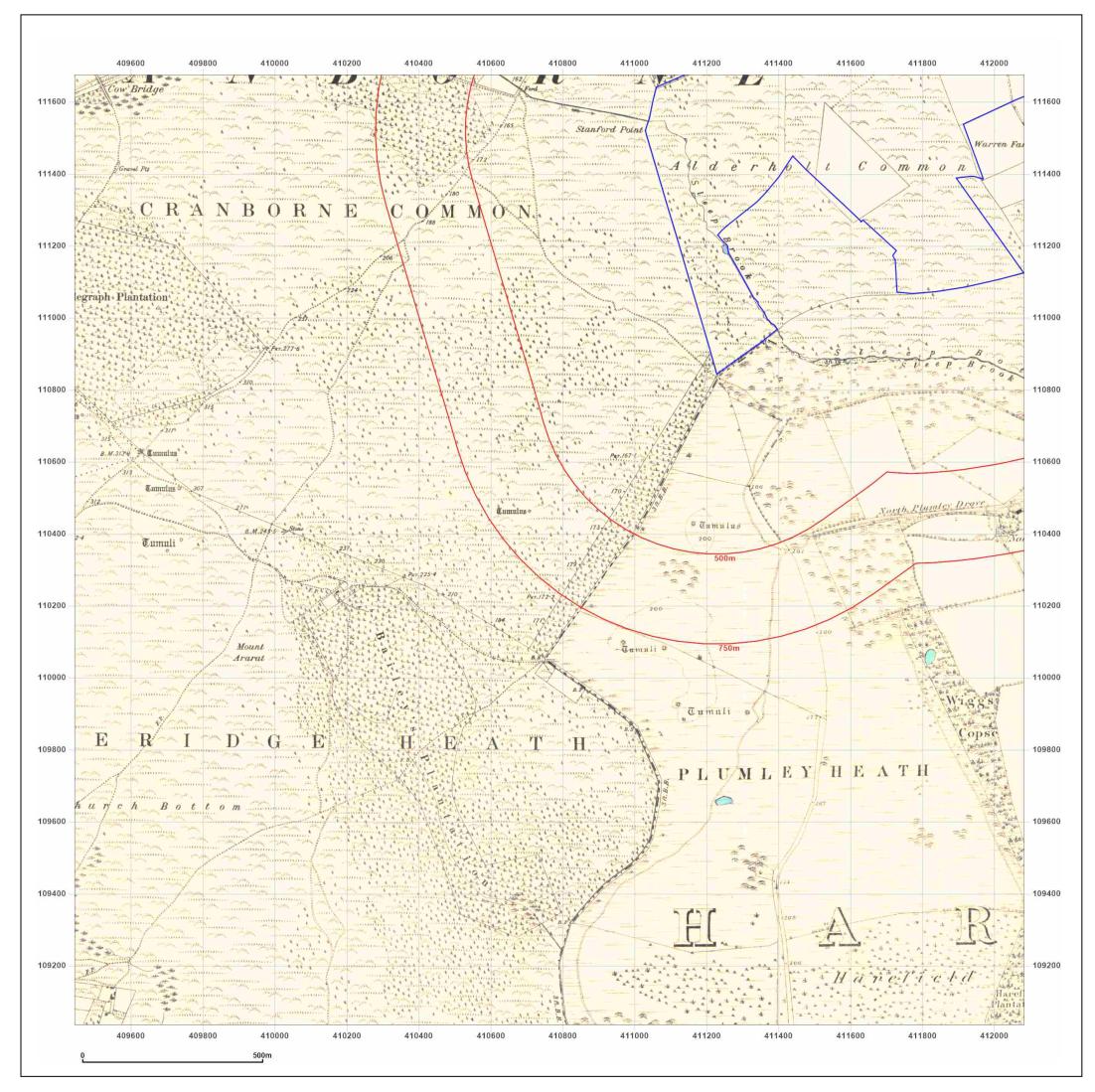
 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





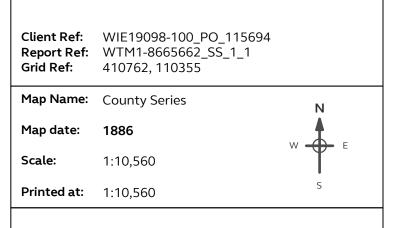
## **Small Scale Grid Index**

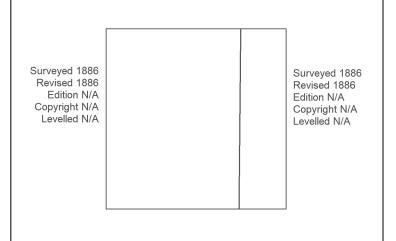






ALDERHOLT, SP6 3DF

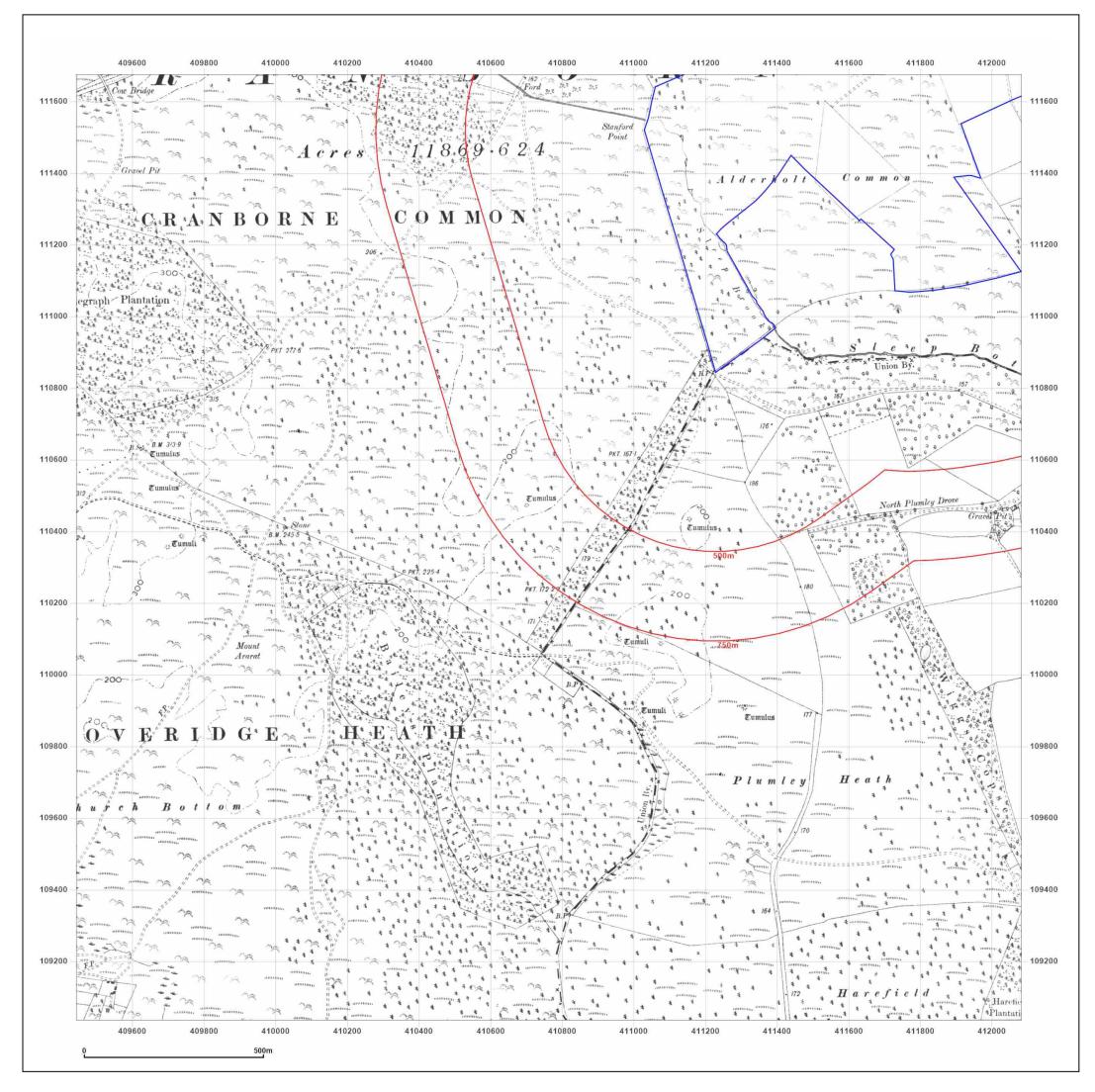






© Crown copyright and database rights 2018 Ordnance Survey 100035207

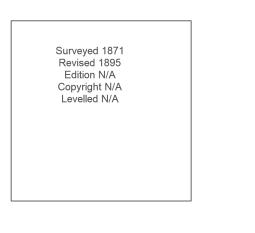
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

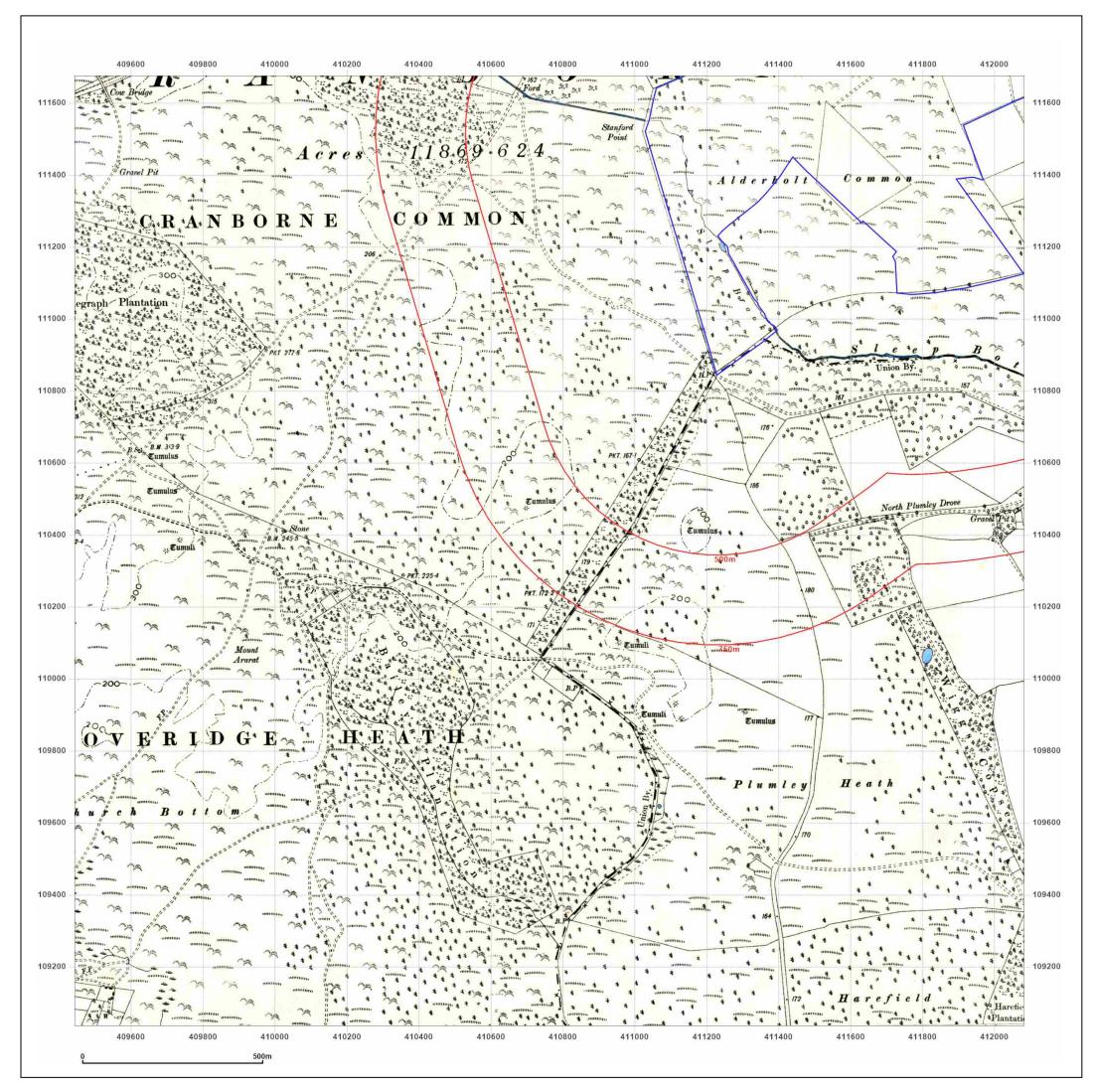
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	County Series	N
Map date:	1895	
Scale:	1:10,560	
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



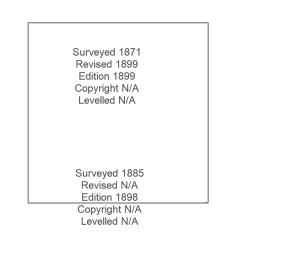
Map legend available at: www.groundsure.com/sites/default/files/groundsure\_legend.pdf



Site Details:

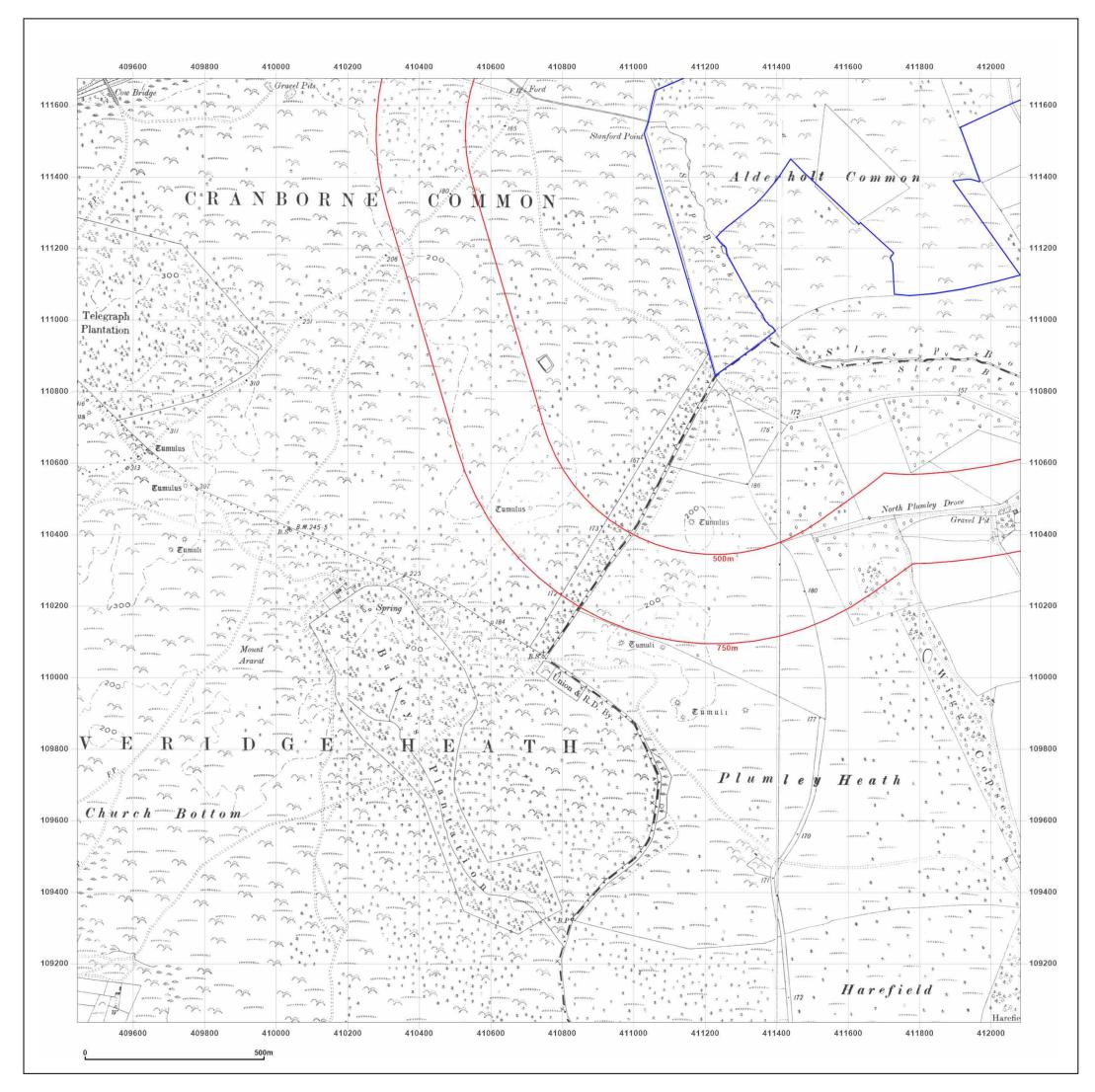
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	County Series	N
Map date:	1898-1899	
Scale:	1:10,560	<sup>™</sup> T <sup>□</sup>
Printed at:	1:10,560	S



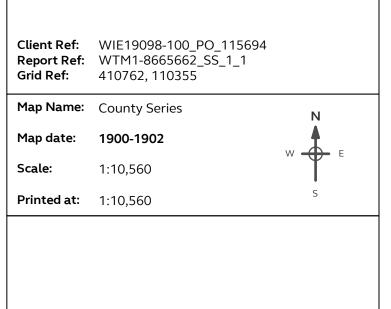


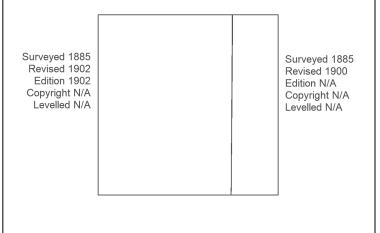
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF



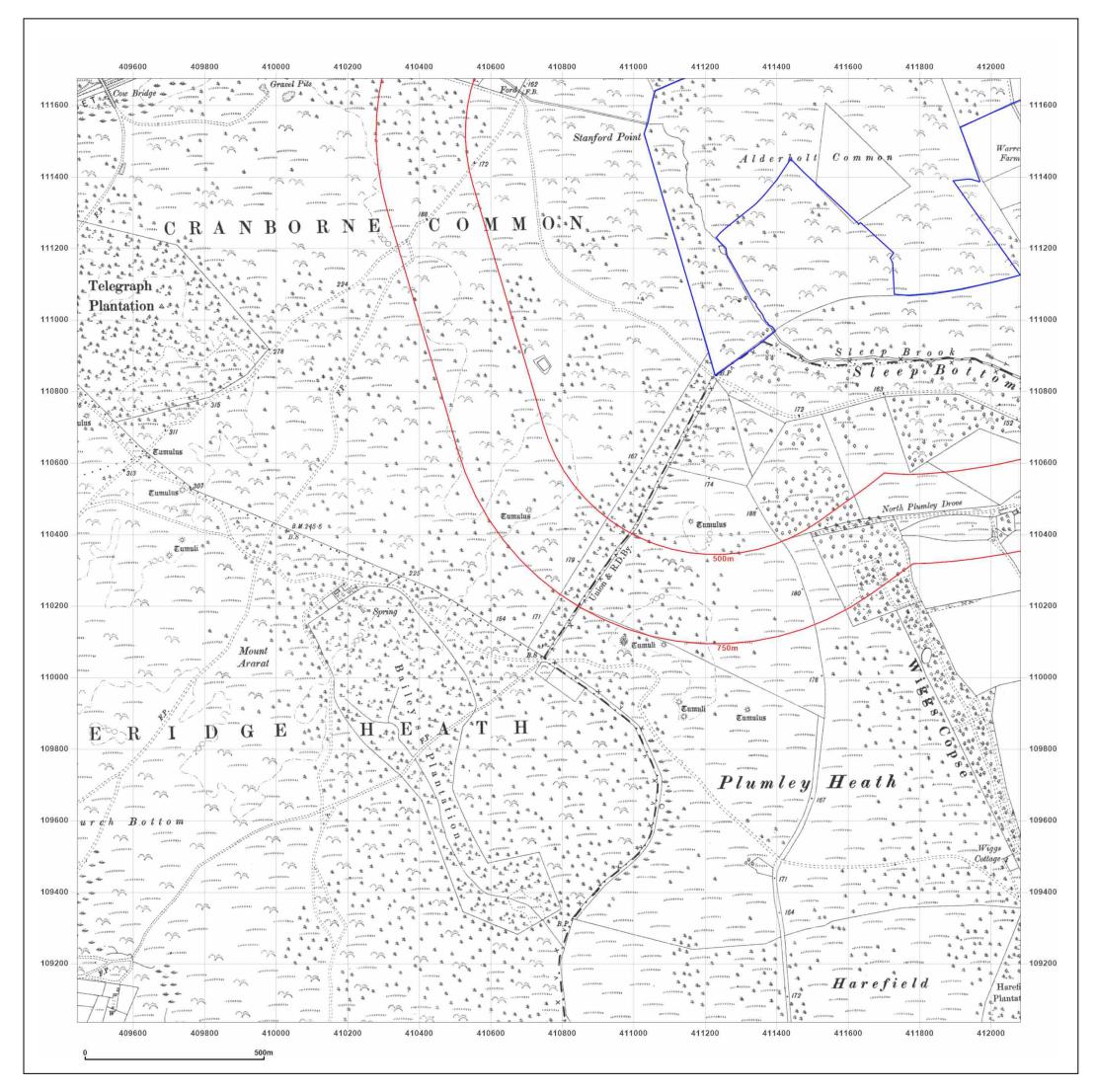




© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:



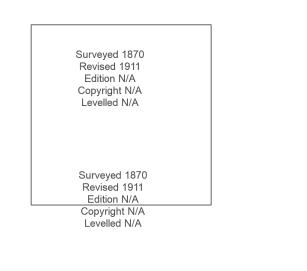
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure.legend.pdf">www.groundsure.legend.pdf</a>



Site Details:

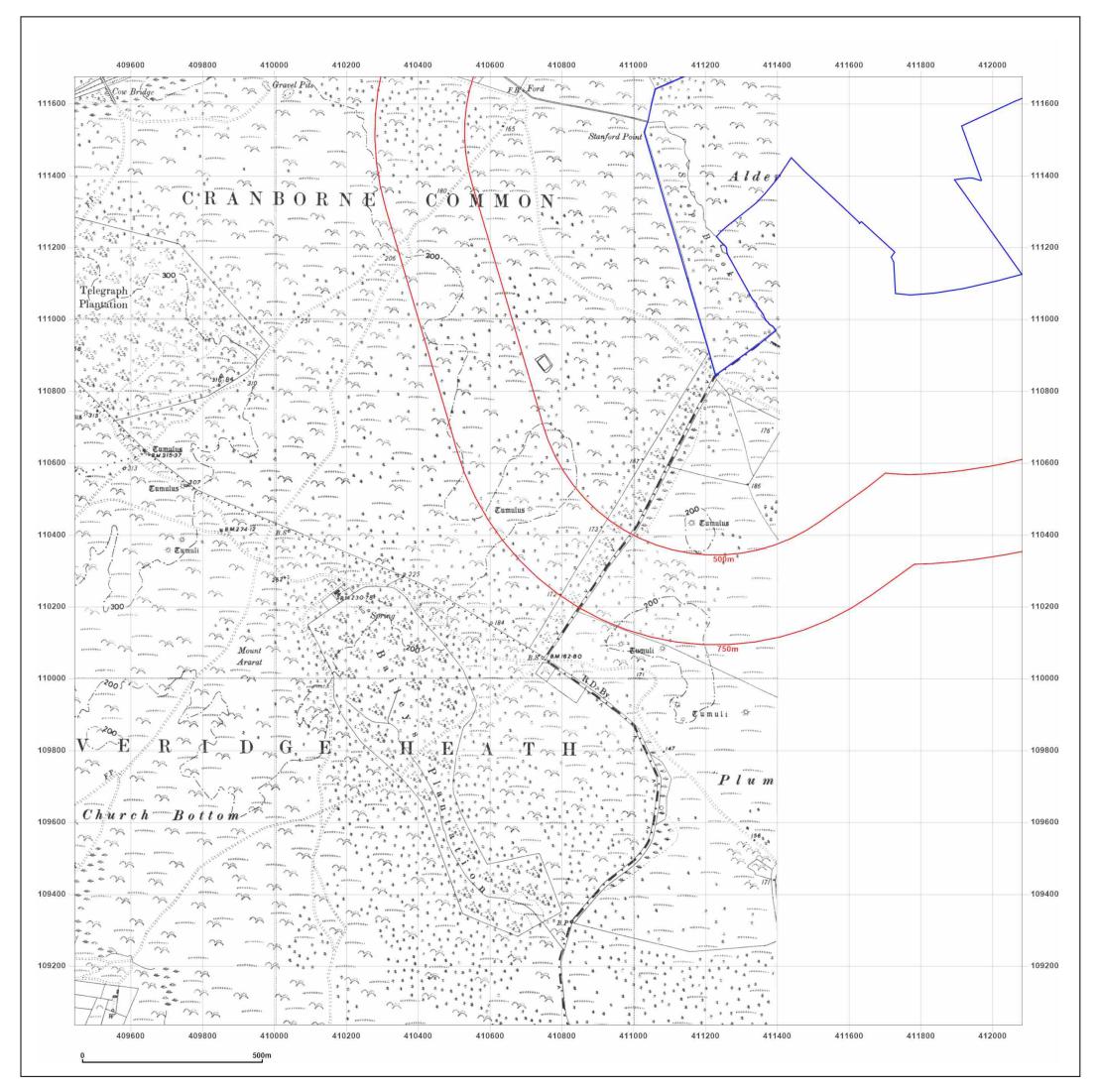
ALDERHOLT, SP6 3DF

	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	County Series	N
Map date:	1911	
Scale:	1:10,560	T L
Printed at:	1:10,560	S





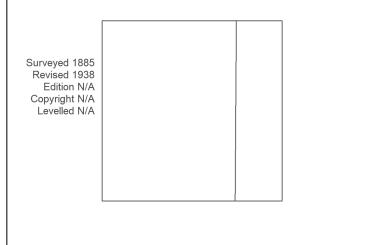
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

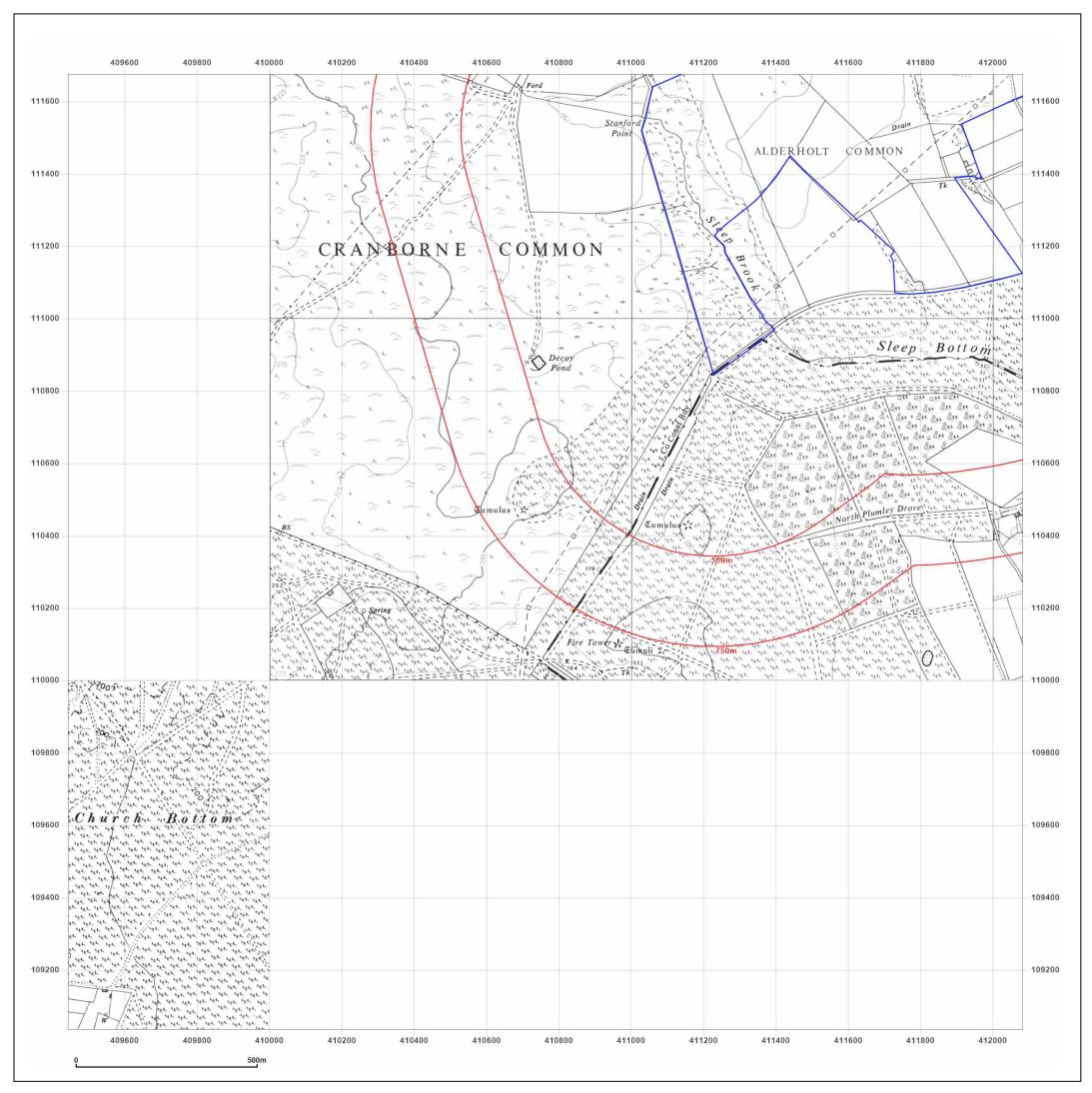
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	County Series	N
Map date:	1938	
Scale:	1:10,560	Ϋ́Υ Ι
Printed at:	1:10,560	S





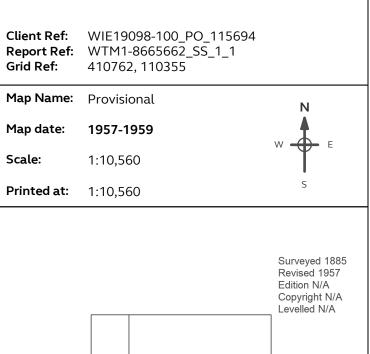
© Crown copyright and database rights 2018 Ordnance Survey 100035207

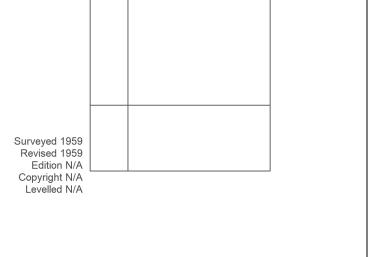
Production date: 11 April 2022





ALDERHOLT, SP6 3DF



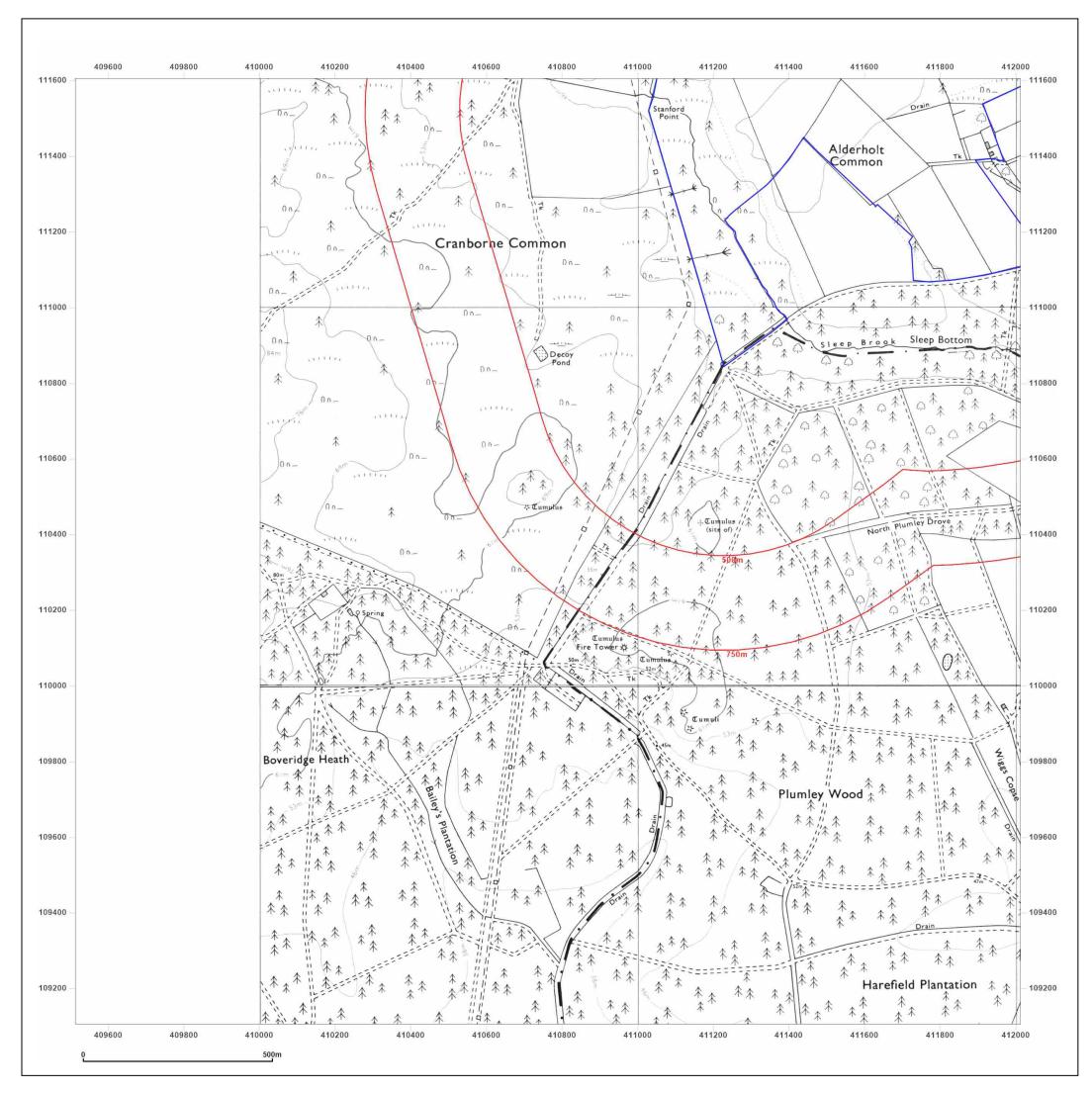




© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

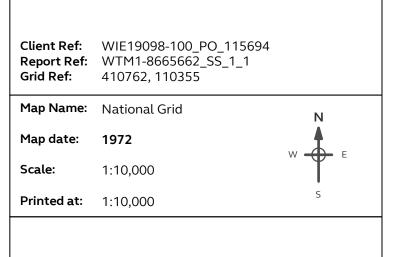


Map legend available at: <a href="https://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

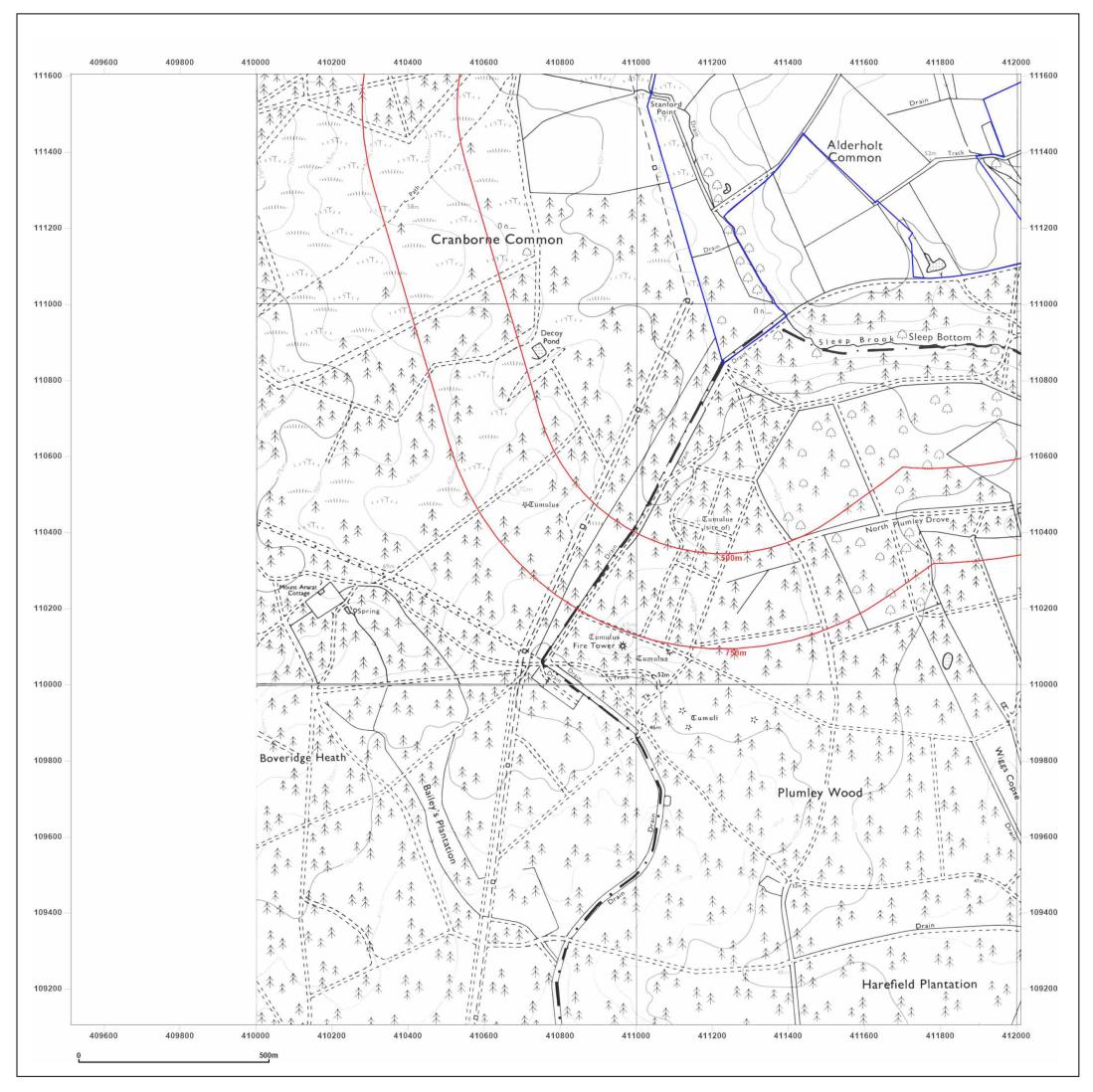
ALDERHOLT, SP6 3DF



Surveyed 1970 Revised 1972 Edition N/A Copyright 1972 Levelled 1962

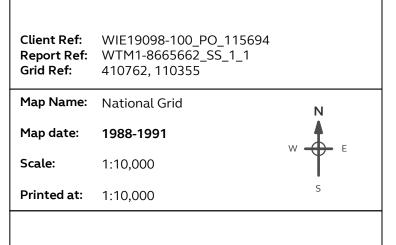
Surveyed 1971 Revised 1972 Edition N/A Copyright 1972 Levelled 1968







ALDERHOLT, SP6 3DF



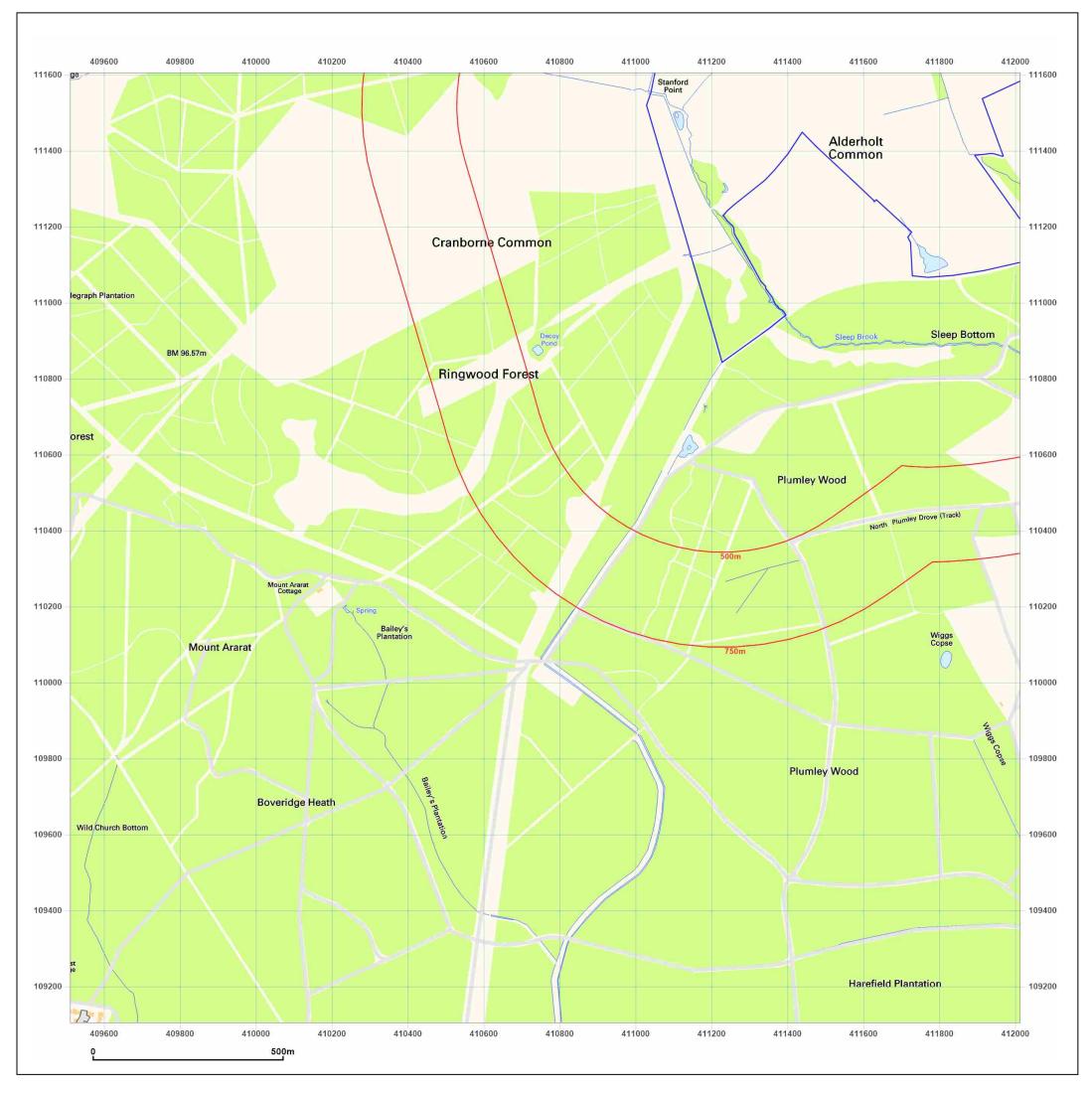
Surveyed 1985 Revised 1988 Edition N/A Copyright N/A Levelled N/A

Surveyed 1971 Revised 1991 Edition N/A Copyright N/A Levelled N/A



Production date: 11 April 2022

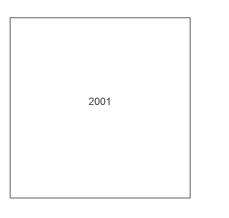
Map legend available at:





ALDERHOLT, SP6 3DF

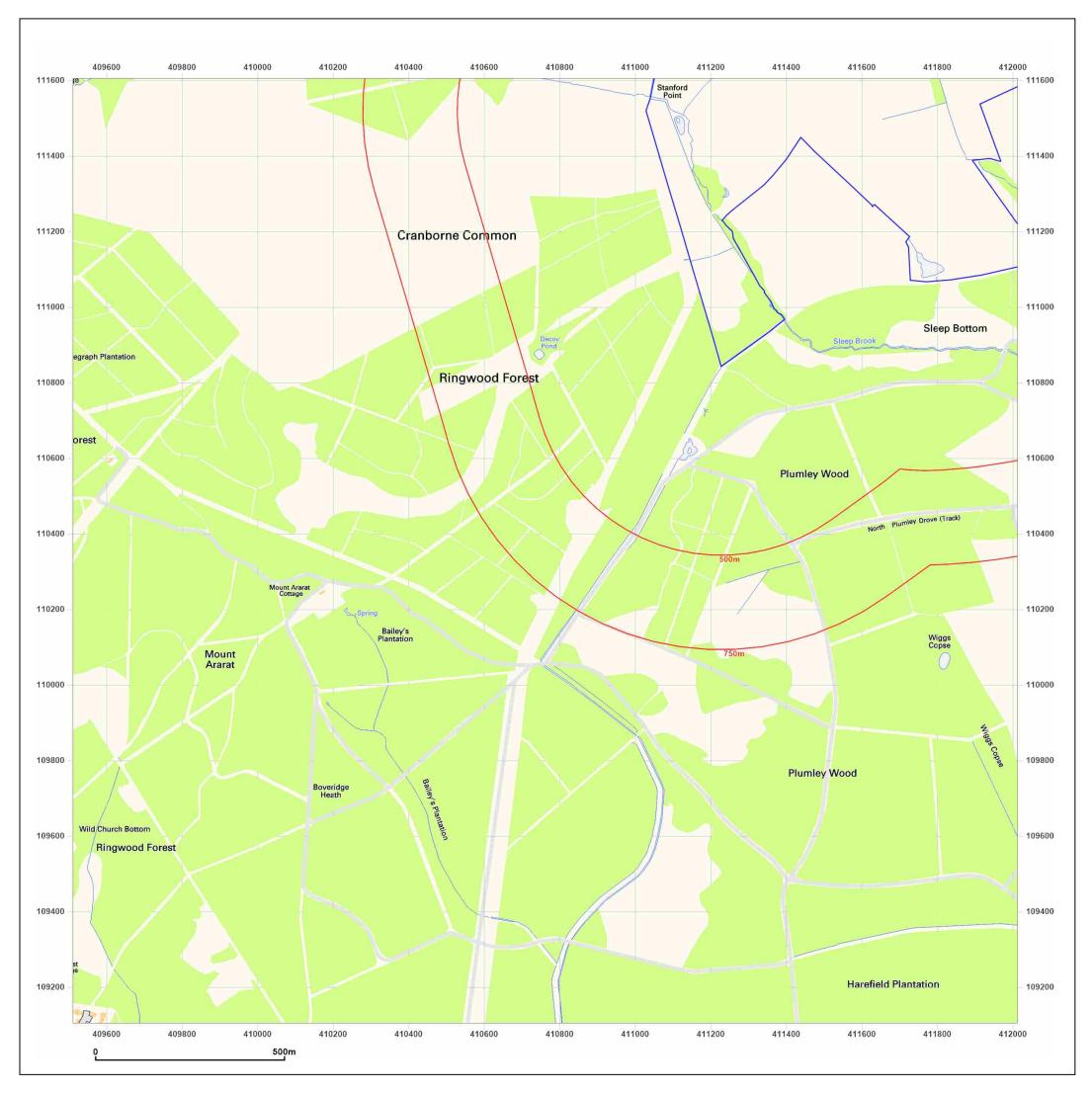
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	National Grid	N
Map date:	2001	
Scale:	1:10,000	
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

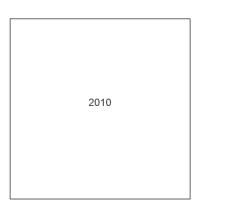
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

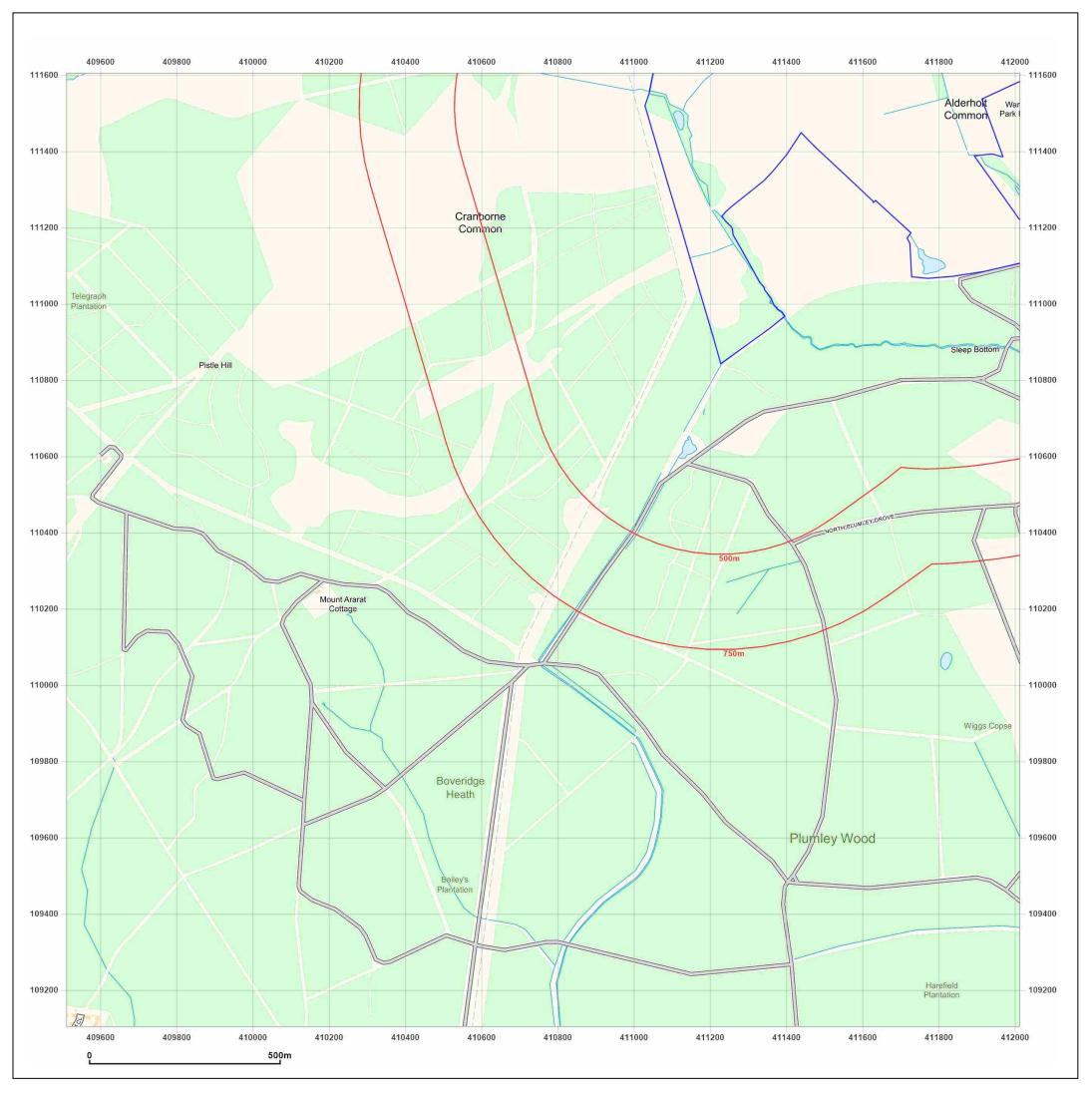
•	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	National Grid	N
Map date:	2010	
Scale:	1:10,000	T L
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

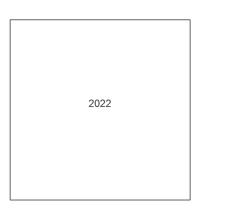
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

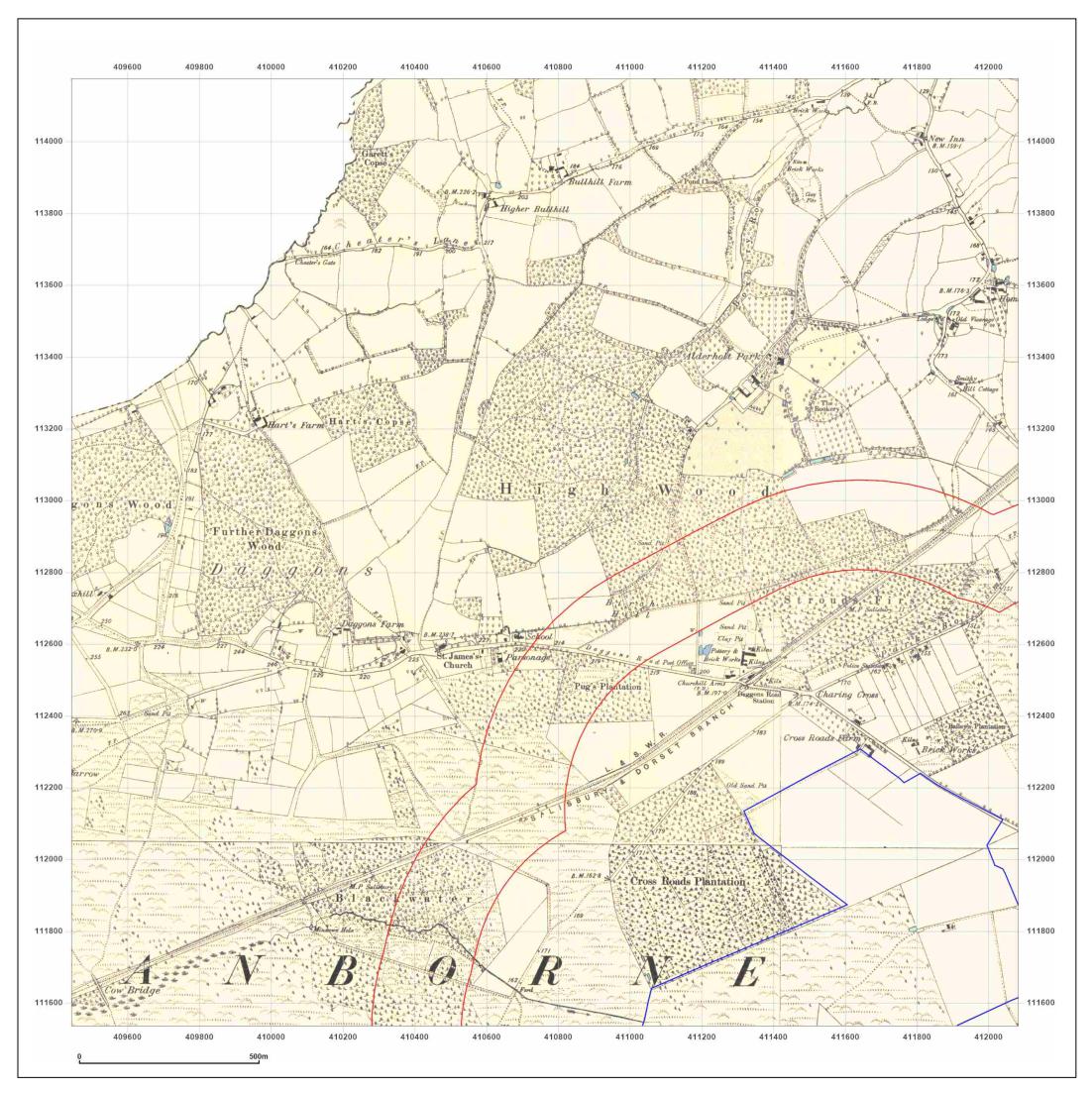
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_1 410762, 110355	
Map Name:	National Grid	N
Map date:	2022	
Scale:	1:10,000	
Printed at:	1:10,000	S





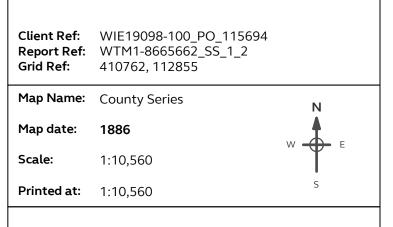
© Crown copyright and database rights 2018 Ordnance Survey 100035207

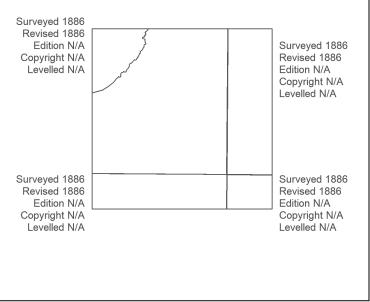
Production date: 11 April 2022





ALDERHOLT, SP6 3DF





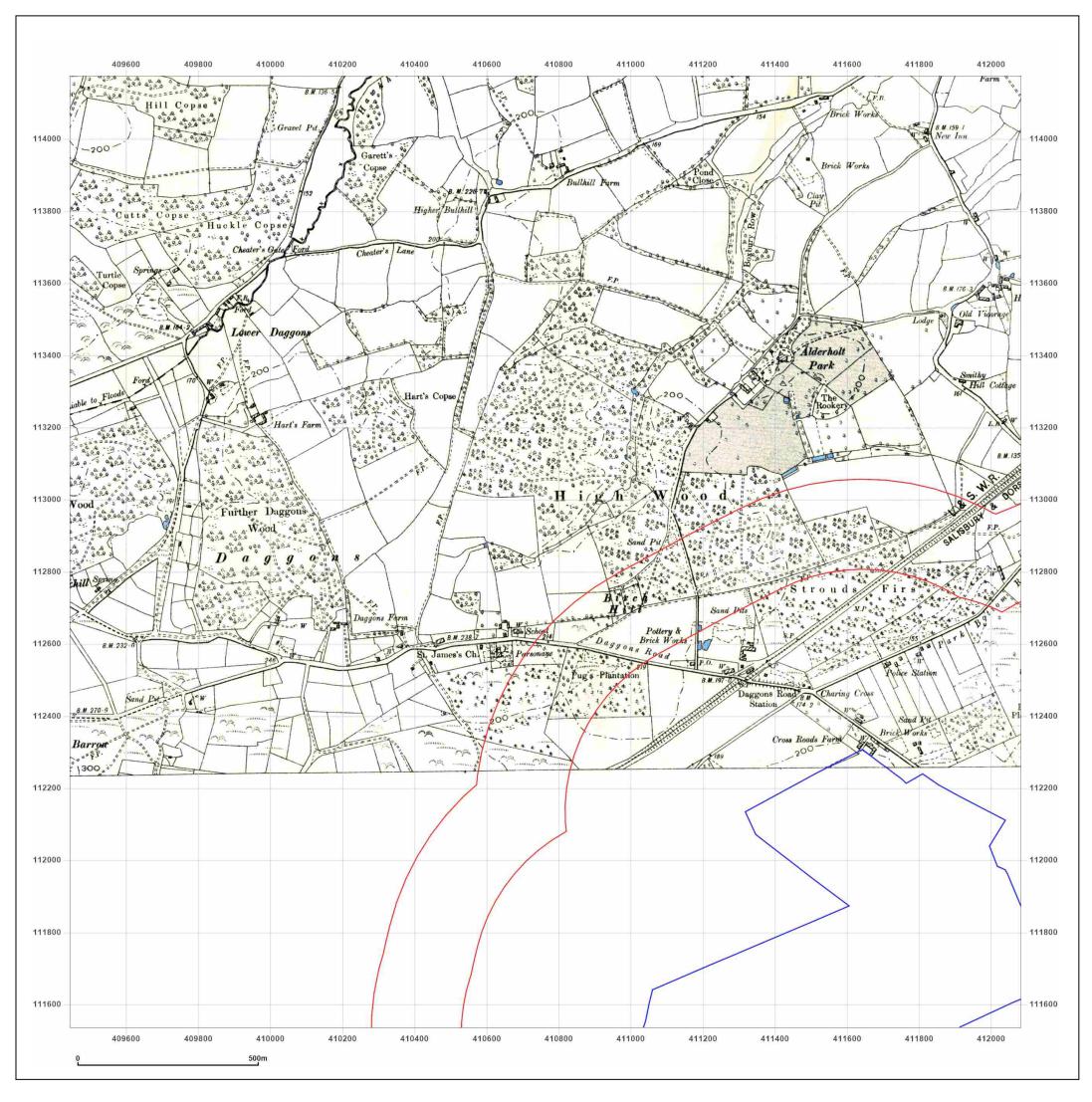


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

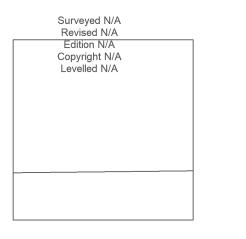
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





ALDERHOLT, SP6 3DF

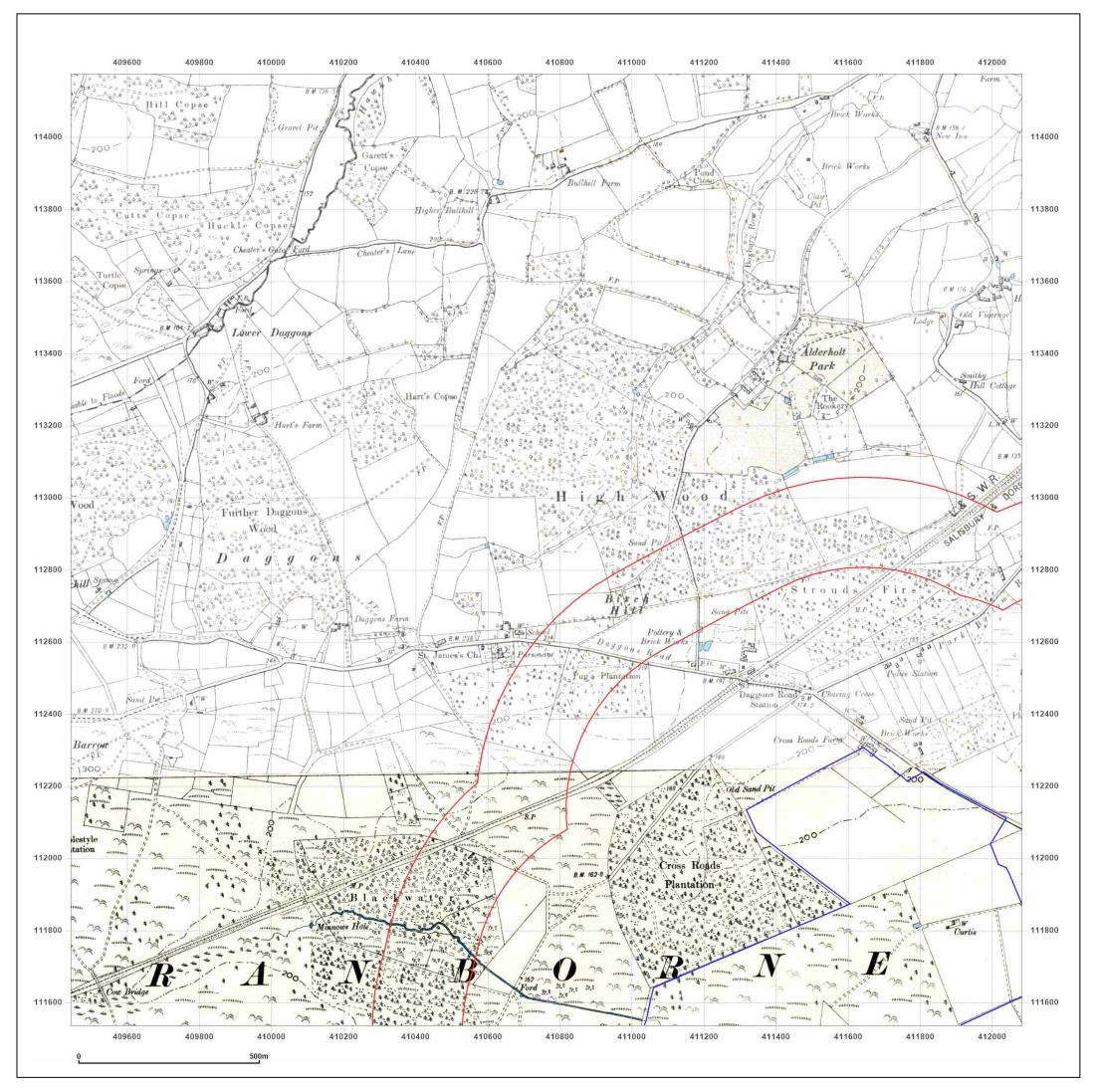
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	County Series	N
Map date:	1888	
Scale:	1:10,560	ΨΨ L
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

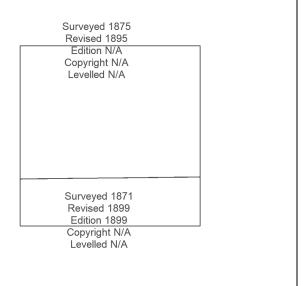
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

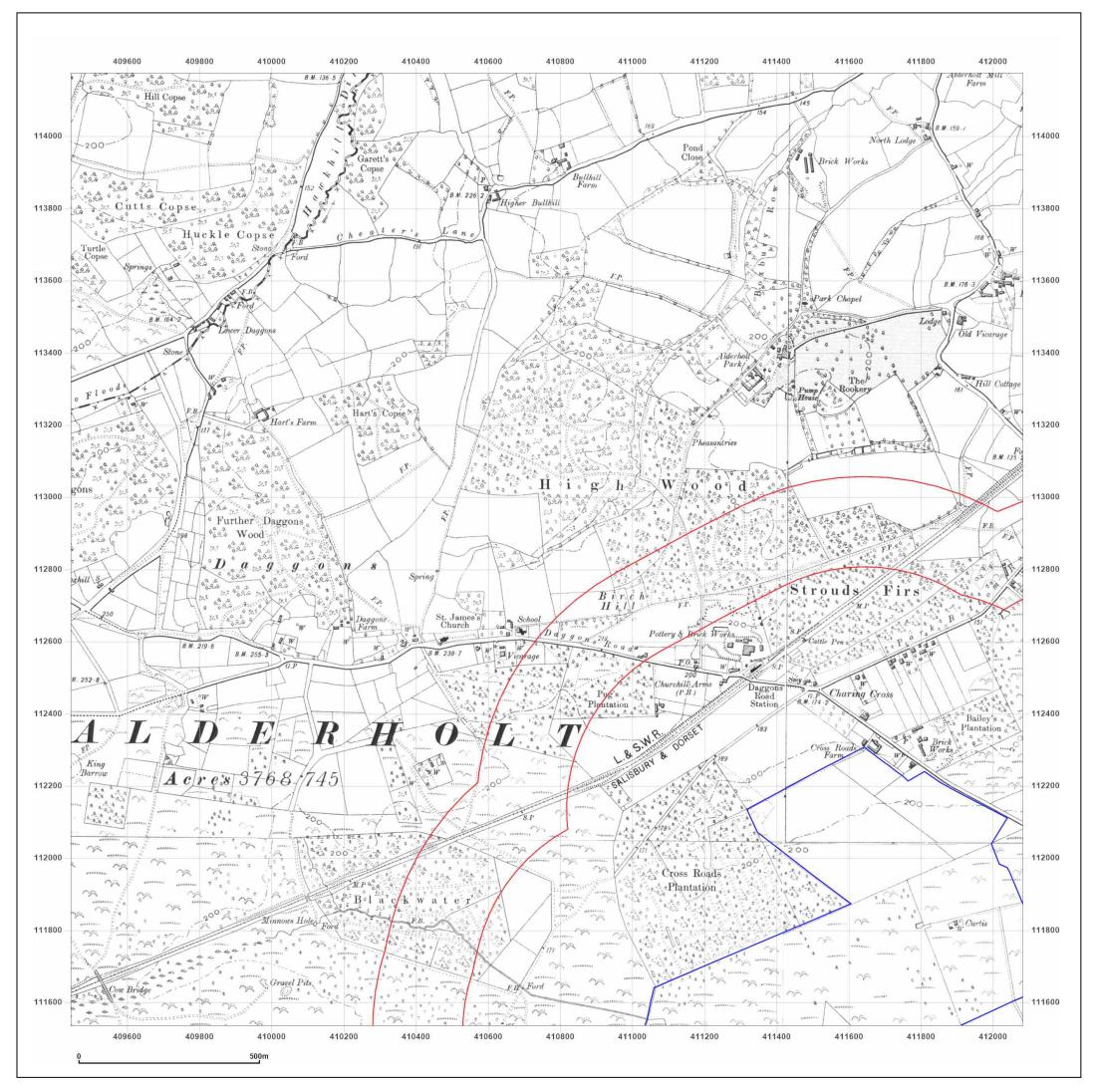
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	County Series	N
Map date:	1895-1899	
Scale:	1:10,560	₩ Ţ Ĕ
Printed at:	1:10,560	S





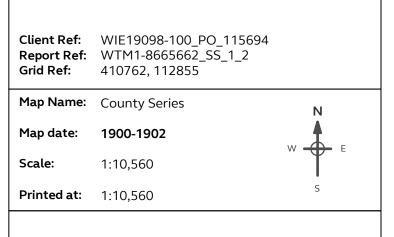
© Crown copyright and database rights 2018 Ordnance Survey 100035207

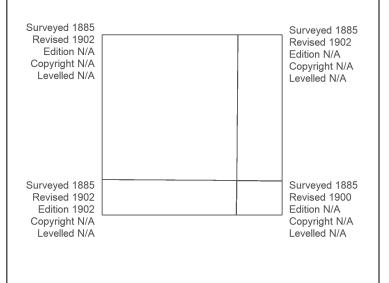
Production date: 11 April 2022





ALDERHOLT, SP6 3DF





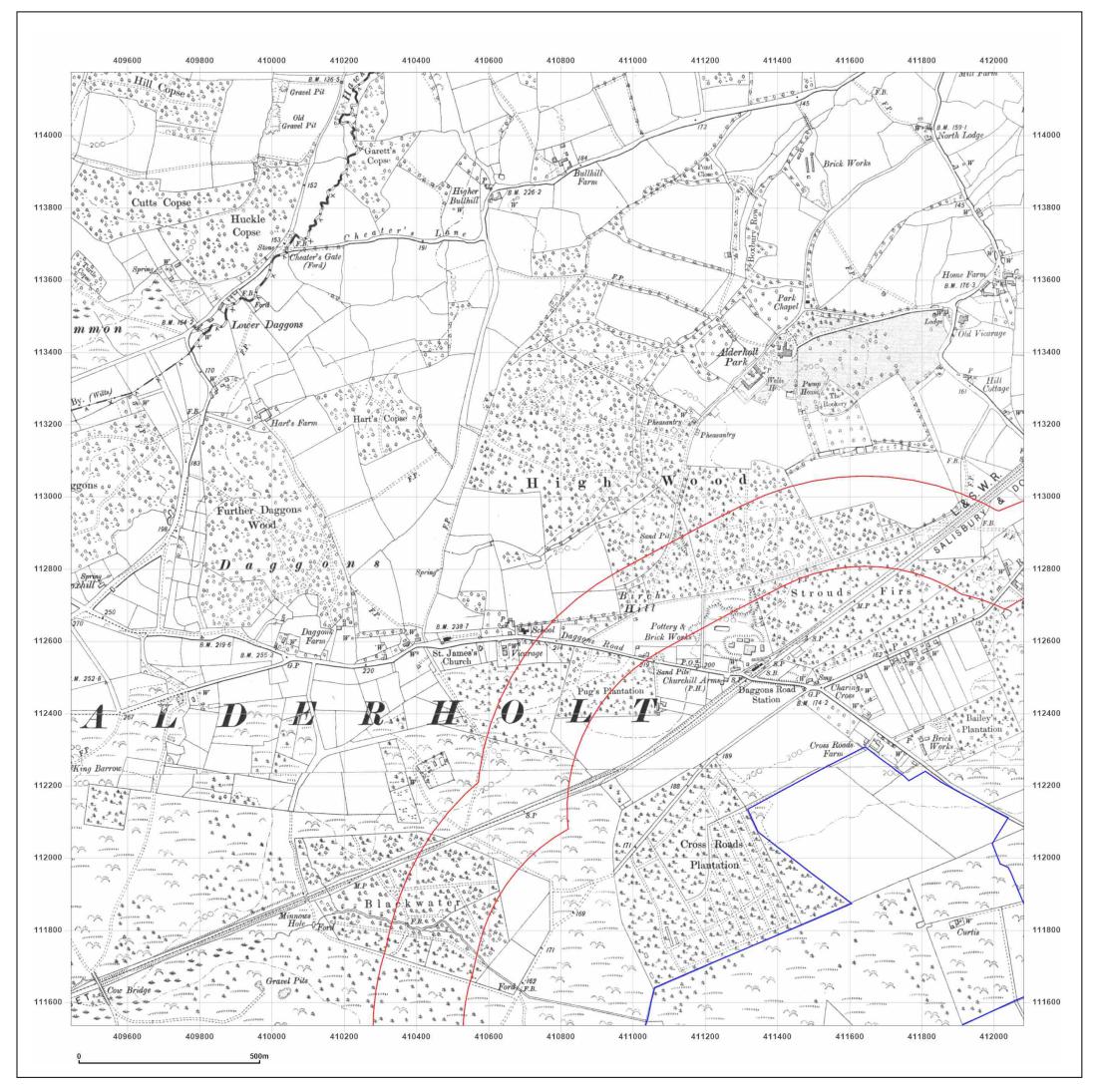


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

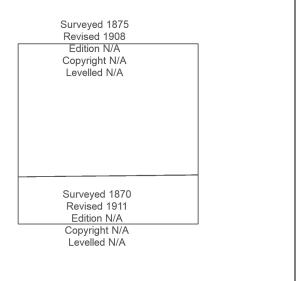
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





ALDERHOLT, SP6 3DF

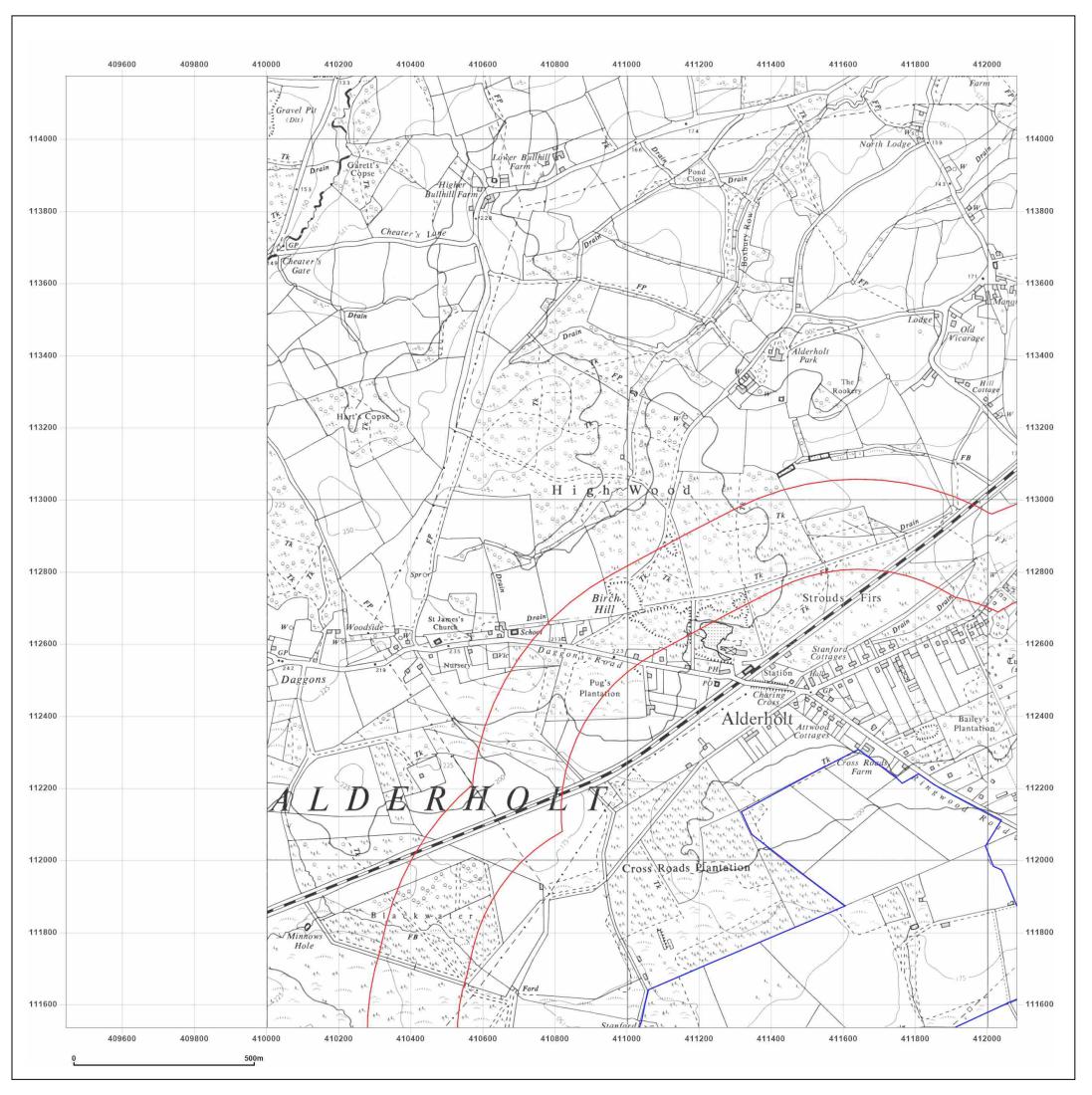
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	County Series	N
Map date:	1908-1911	
Scale:	1:10,560	ΨΤ
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

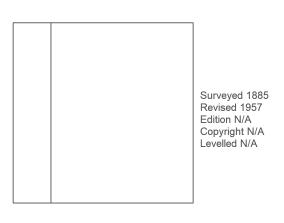
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

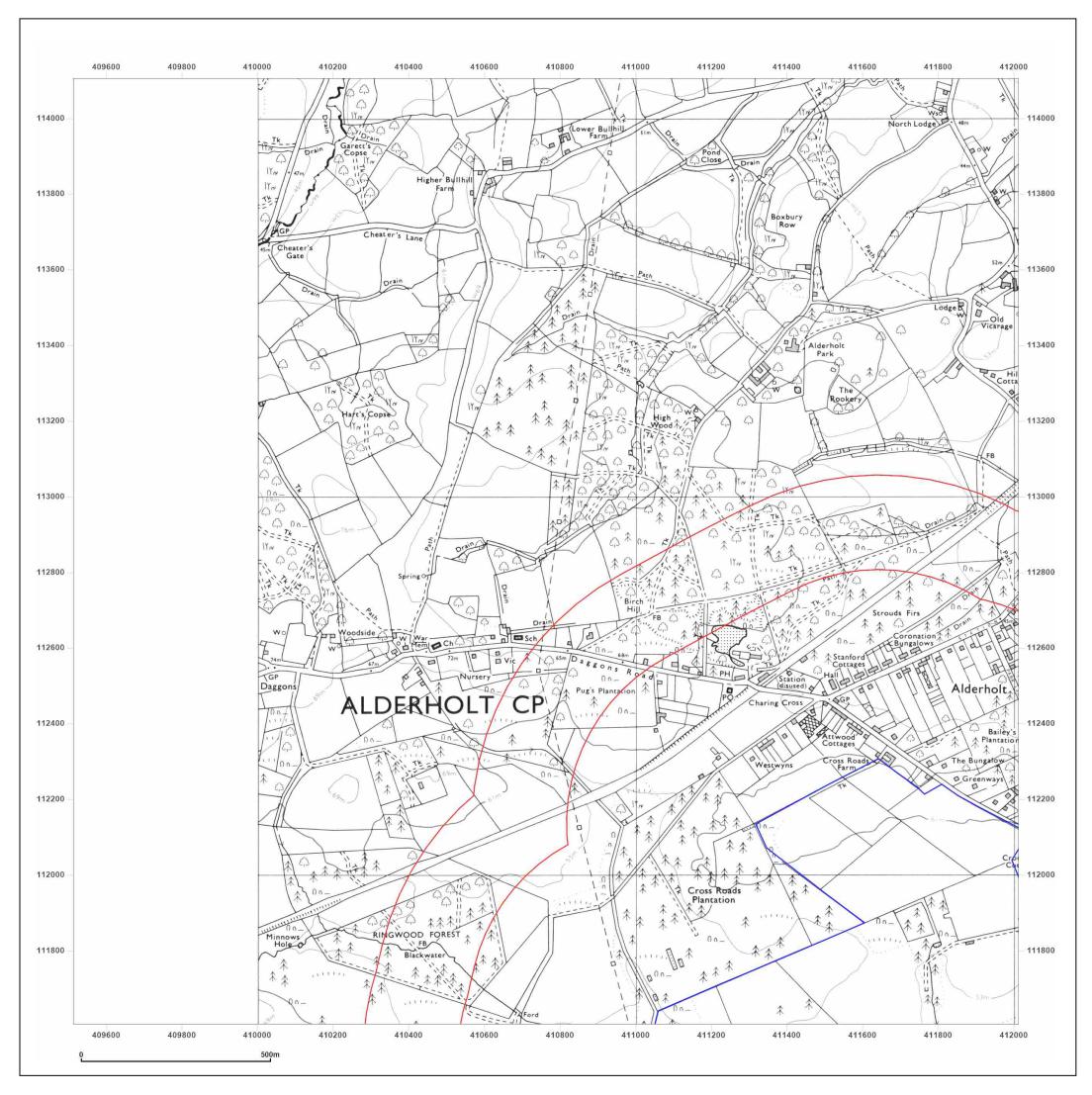
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	Provisional	N
Map date:	1957	w F
Scale:	1:10,560	T L
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

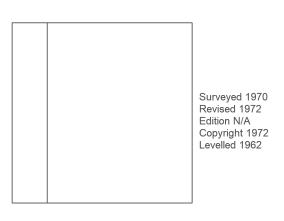
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

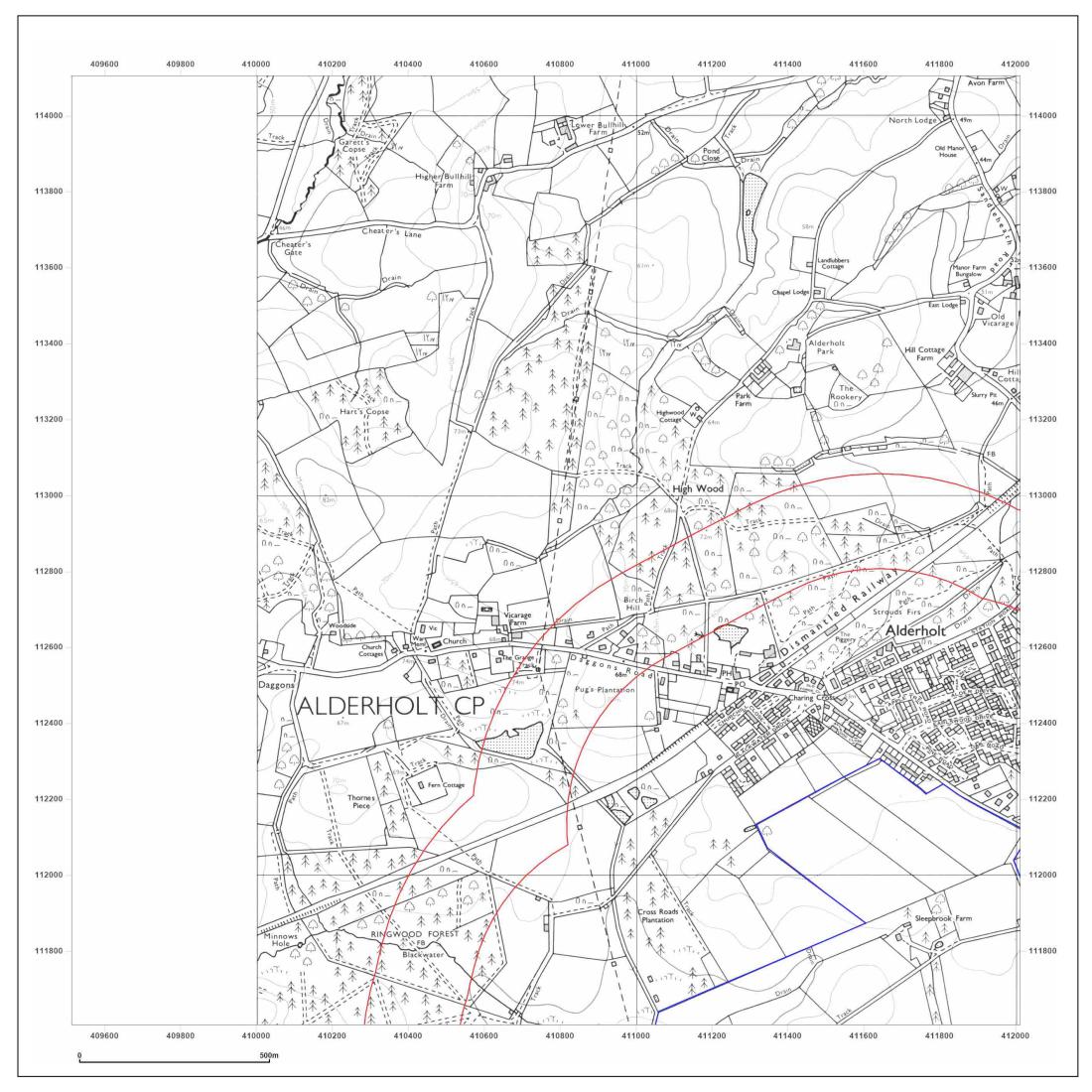
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	National Grid	Ν
Map date:	1972	
Scale:	1:10,000	
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

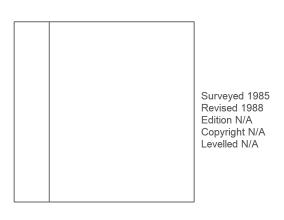
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

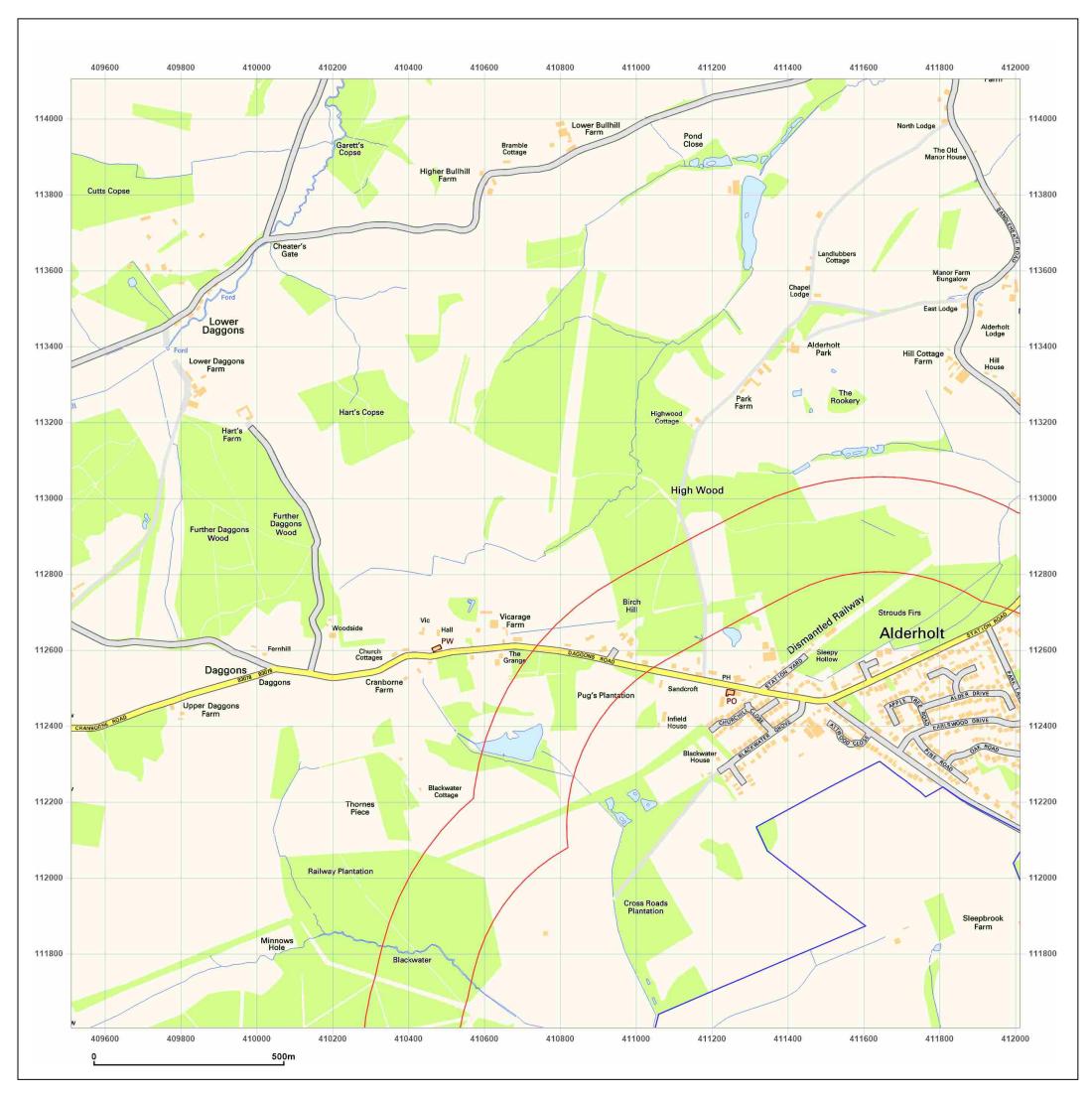
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	National Grid	N
Map date:	1988	
Map date: Scale:	<b>1988</b> 1:10,000	
		W E S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

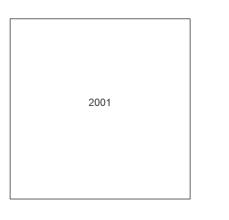
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

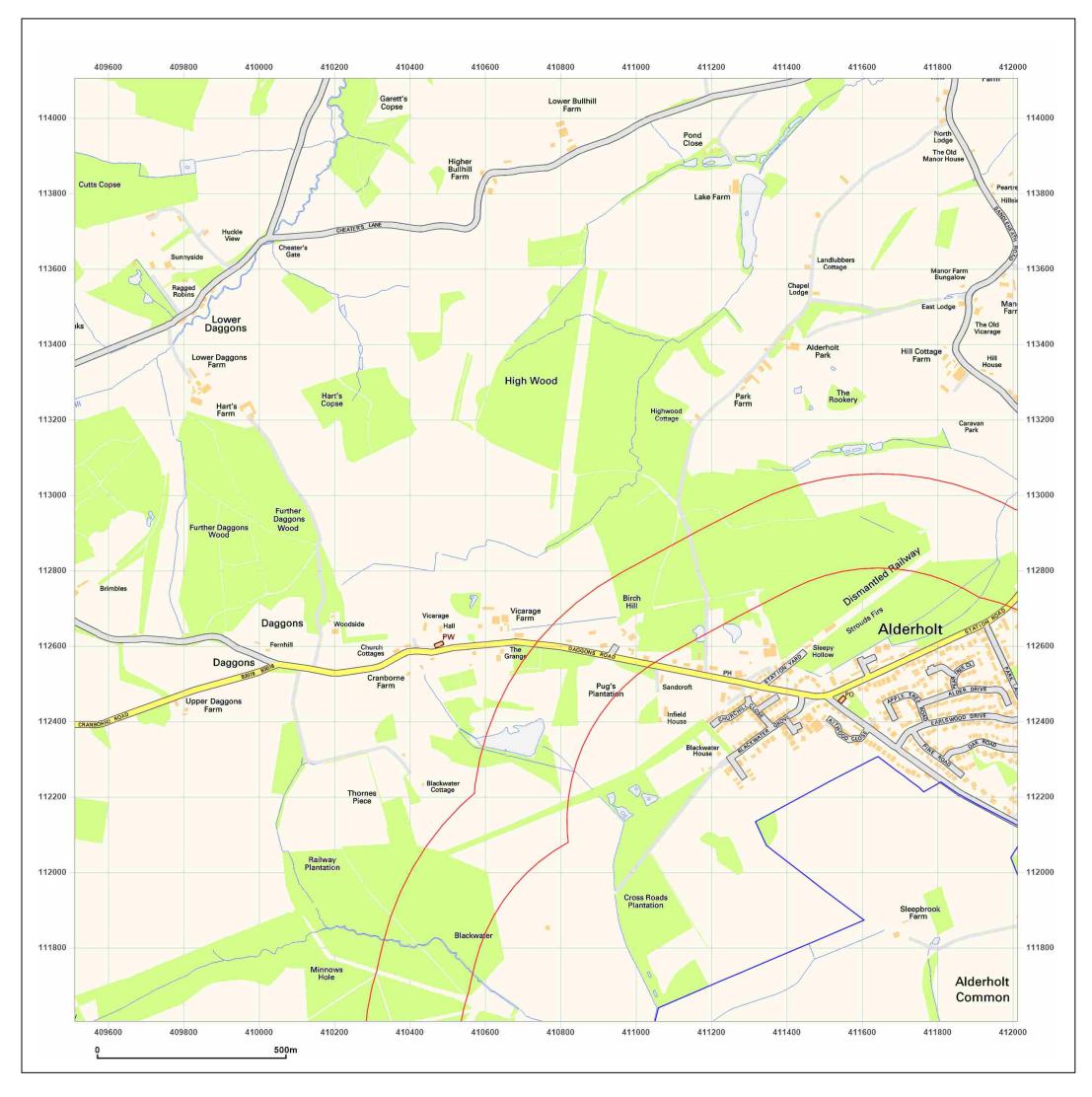
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	National Grid	N
Map date:	2001	
Scale:	1:10,000	ΨŢ
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



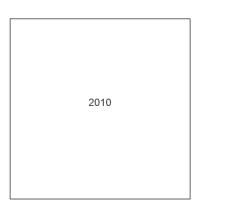
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure.legend.pdf">www.groundsure.legend.pdf</a>



Site Details:

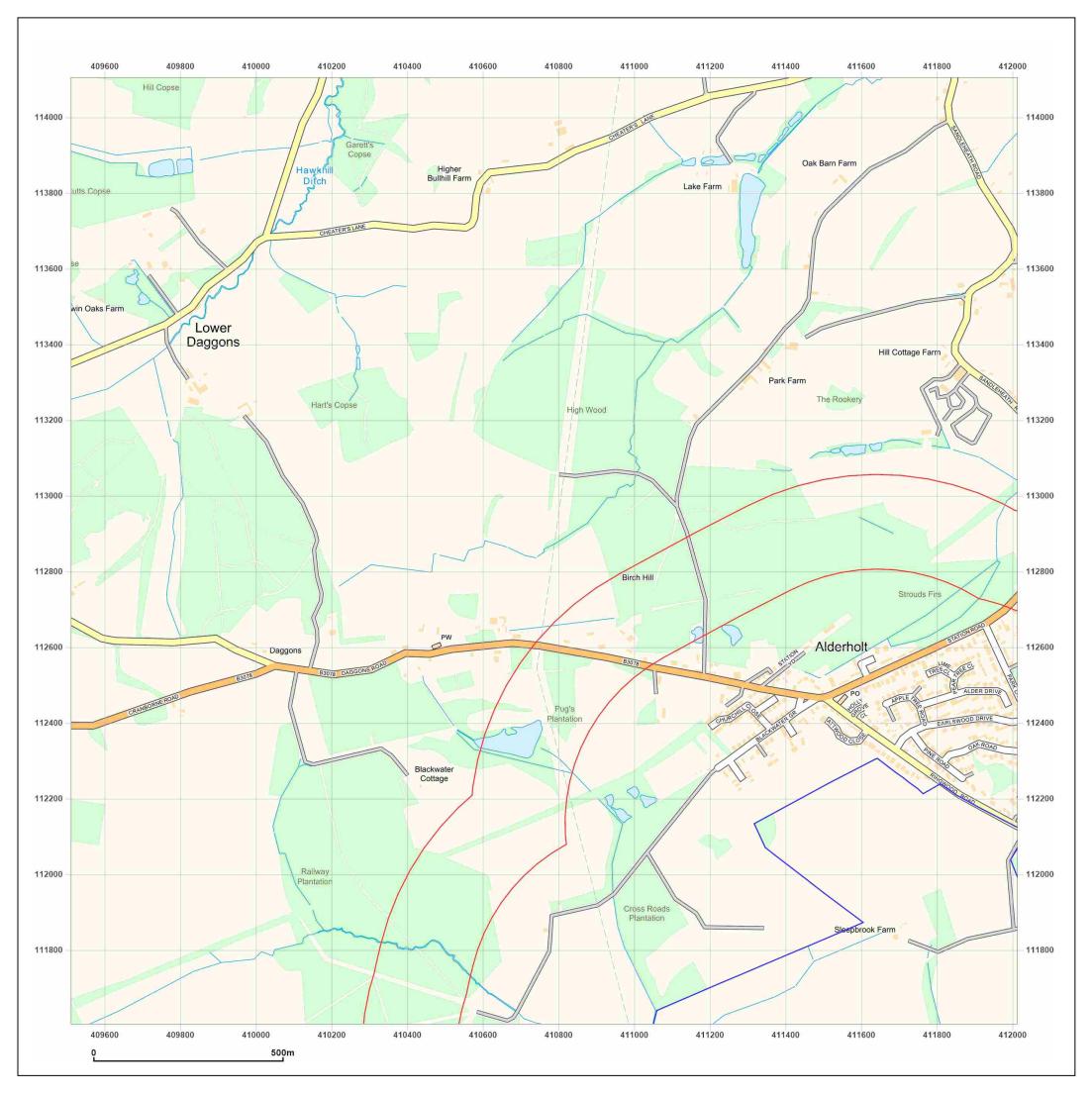
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
Map Name:	National Grid	N
Map date:	2010	
Scale:	1:10,000	ΨΨ L
Printed at:	1:10,000	S





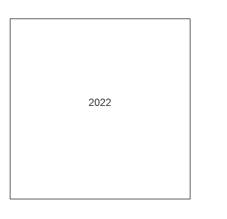
 $\textcircled{\sc c}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

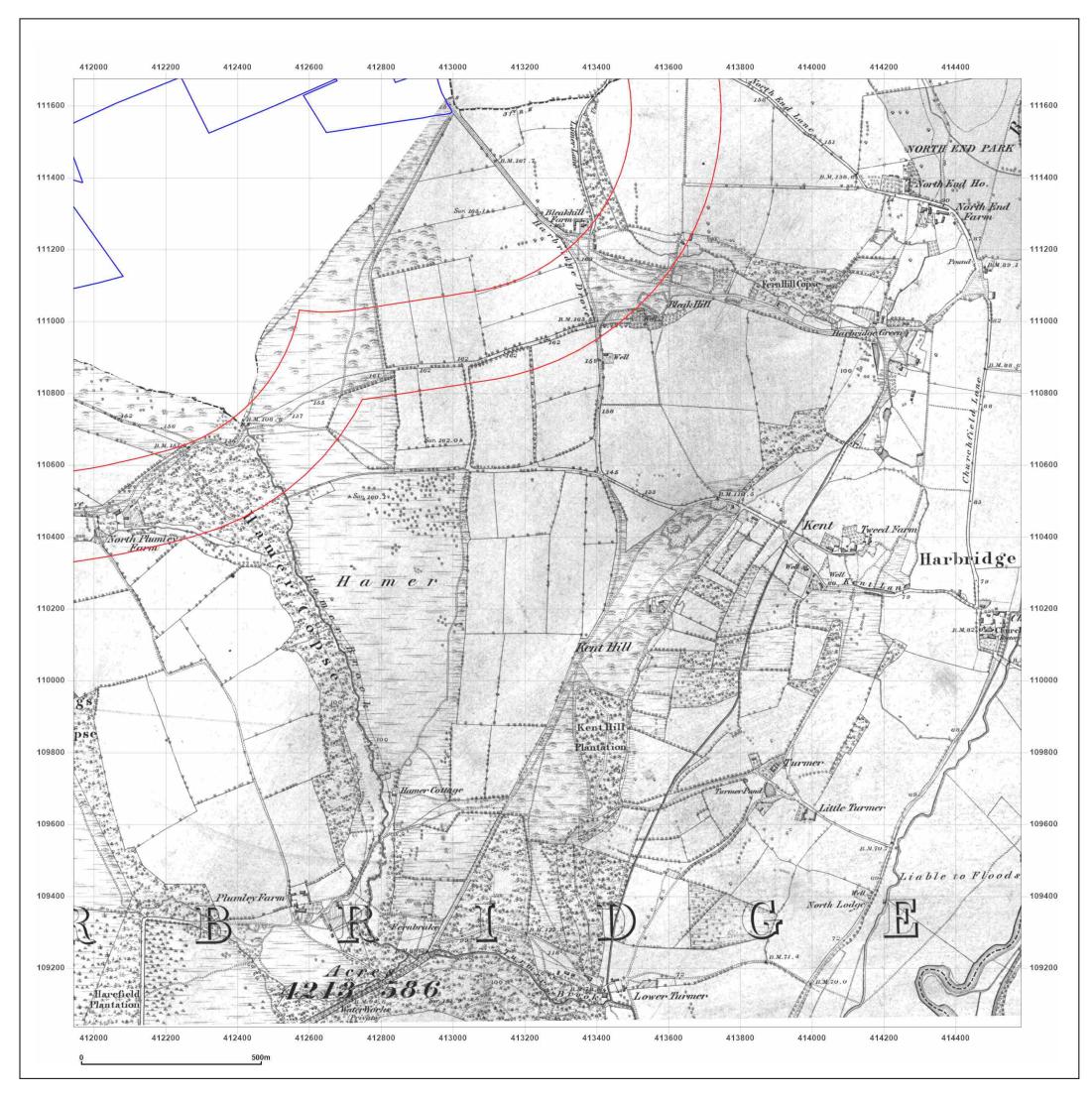
WIE19098-100_PO_115694 WTM1-8665662_SS_1_2 410762, 112855	
National Grid	N
2022	
1:10,000	ΨŢ
1:10,000	S
	WTM1-8665662_SS_1_2 410762, 112855 National Grid <b>2022</b> 1:10,000





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

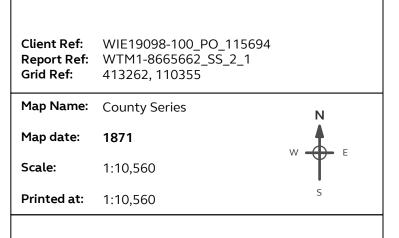


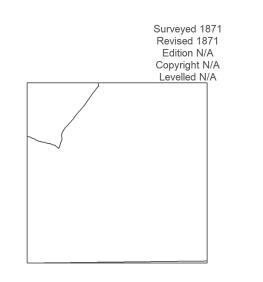
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

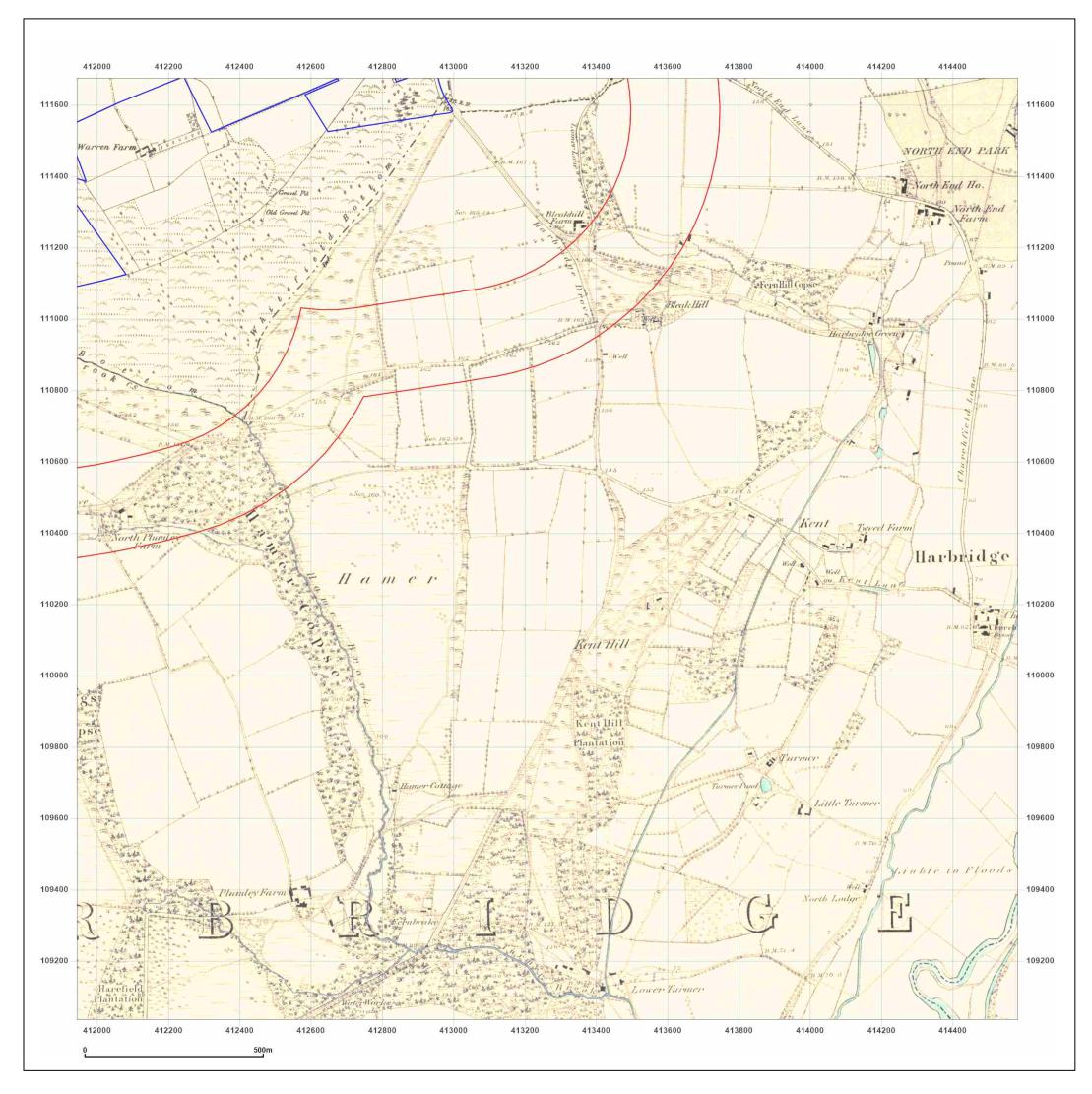
ALDERHOLT, SP6 3DF







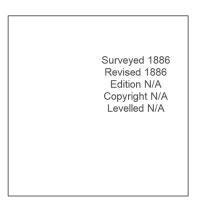
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

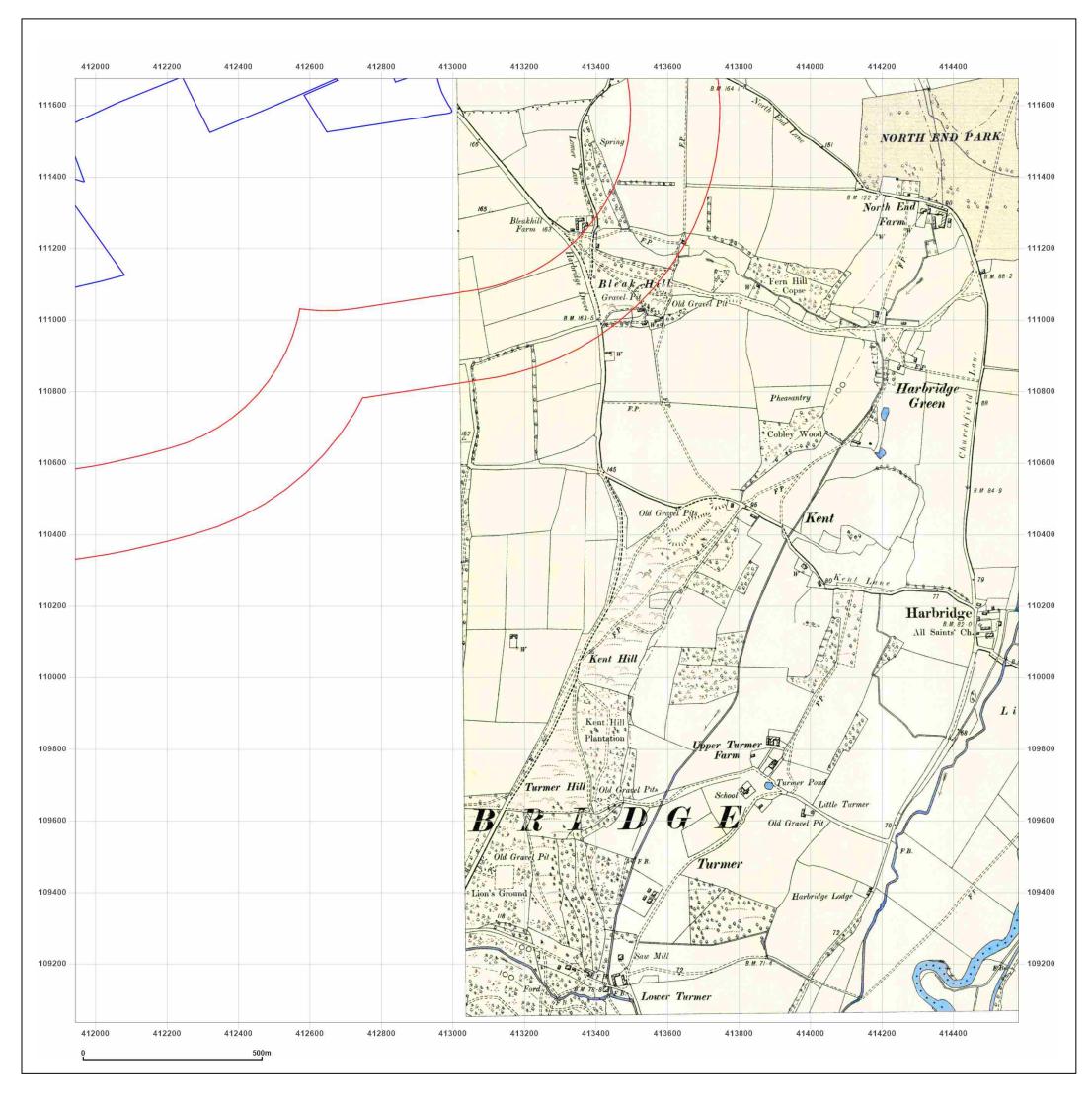
WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
County Series	N
1886	
1:10,560	T L
1:10,560	S
	WTM1-8665662_SS_2_1 413262, 110355 County Series 1886 1:10,560





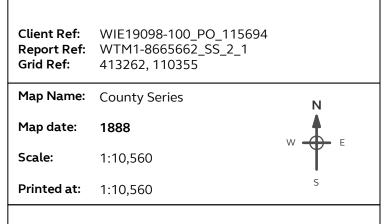
© Crown copyright and database rights 2018 Ordnance Survey 100035207

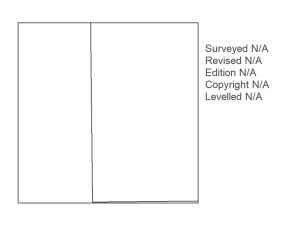
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

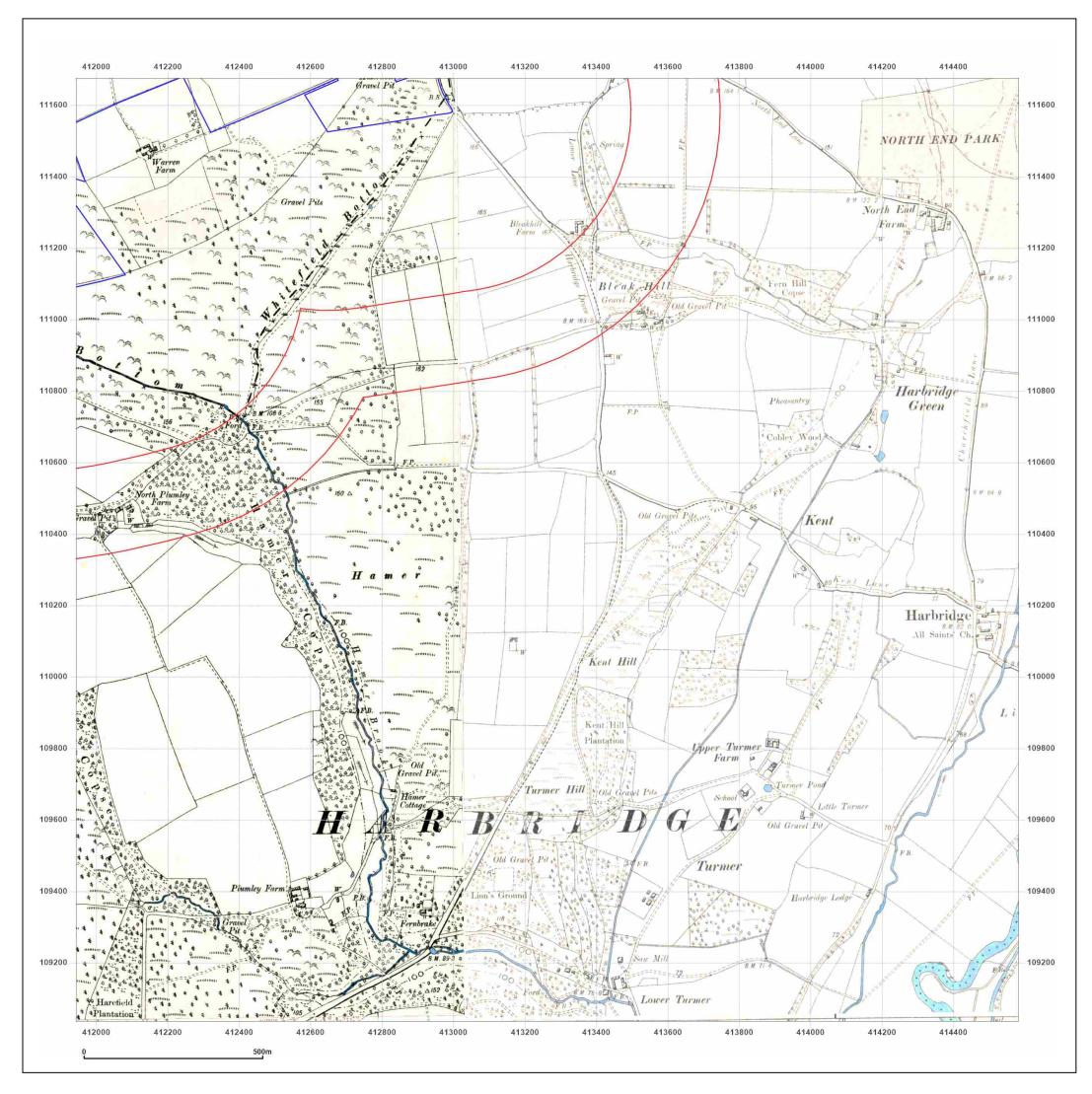






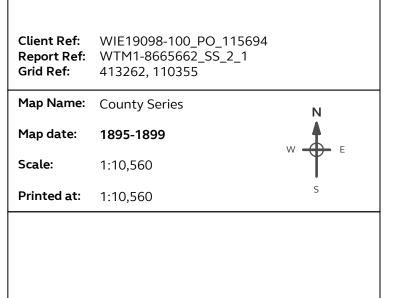
© Crown copyright and database rights 2018 Ordnance Survey 100035207

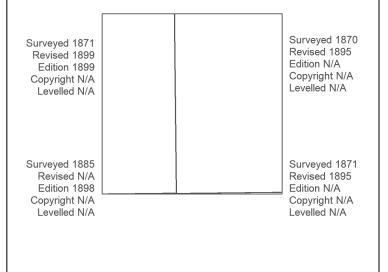
Production date: 11 April 2022





ALDERHOLT, SP6 3DF





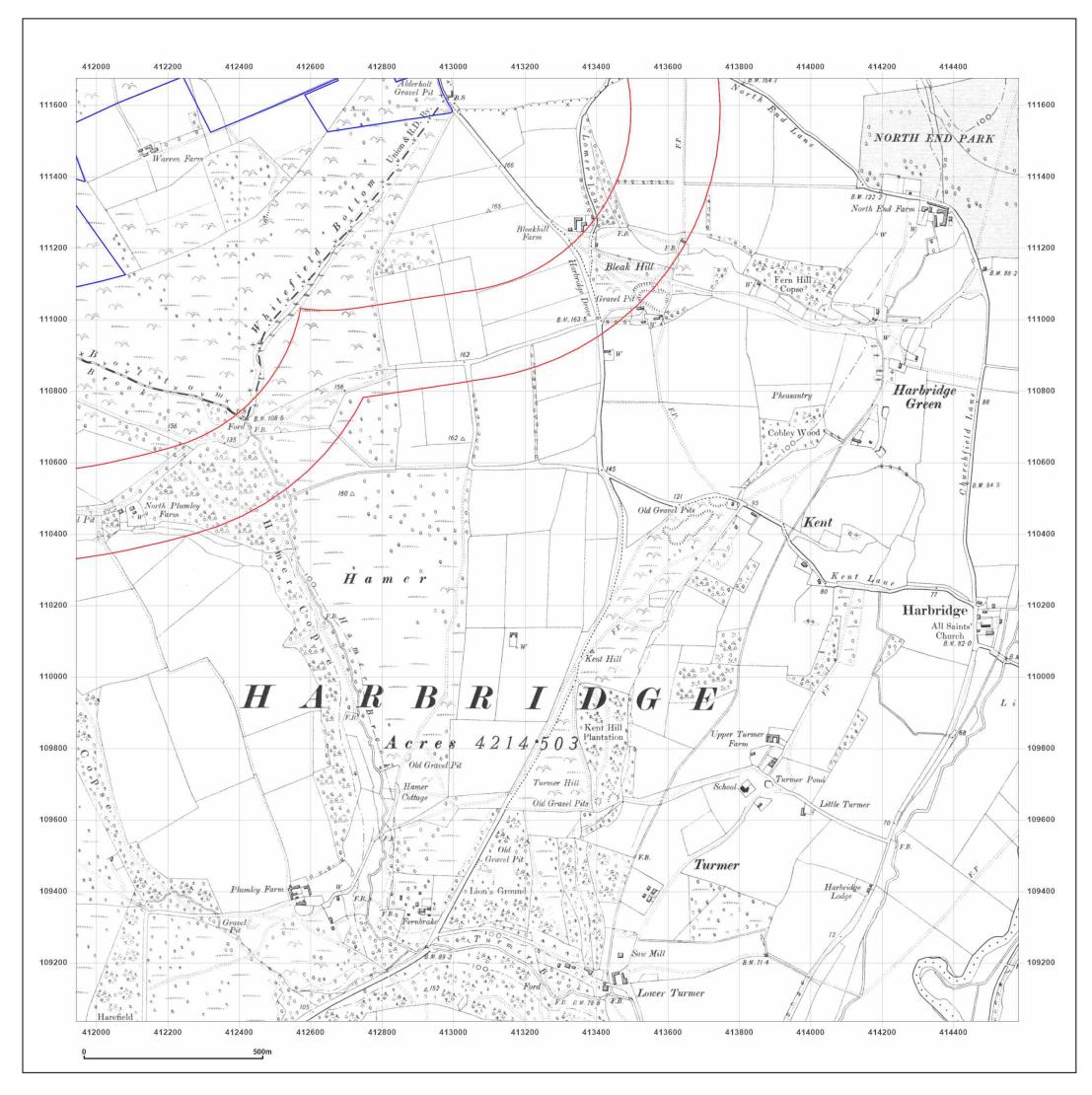


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

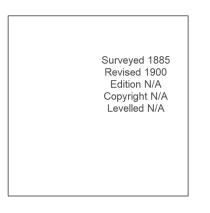
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





ALDERHOLT, SP6 3DF

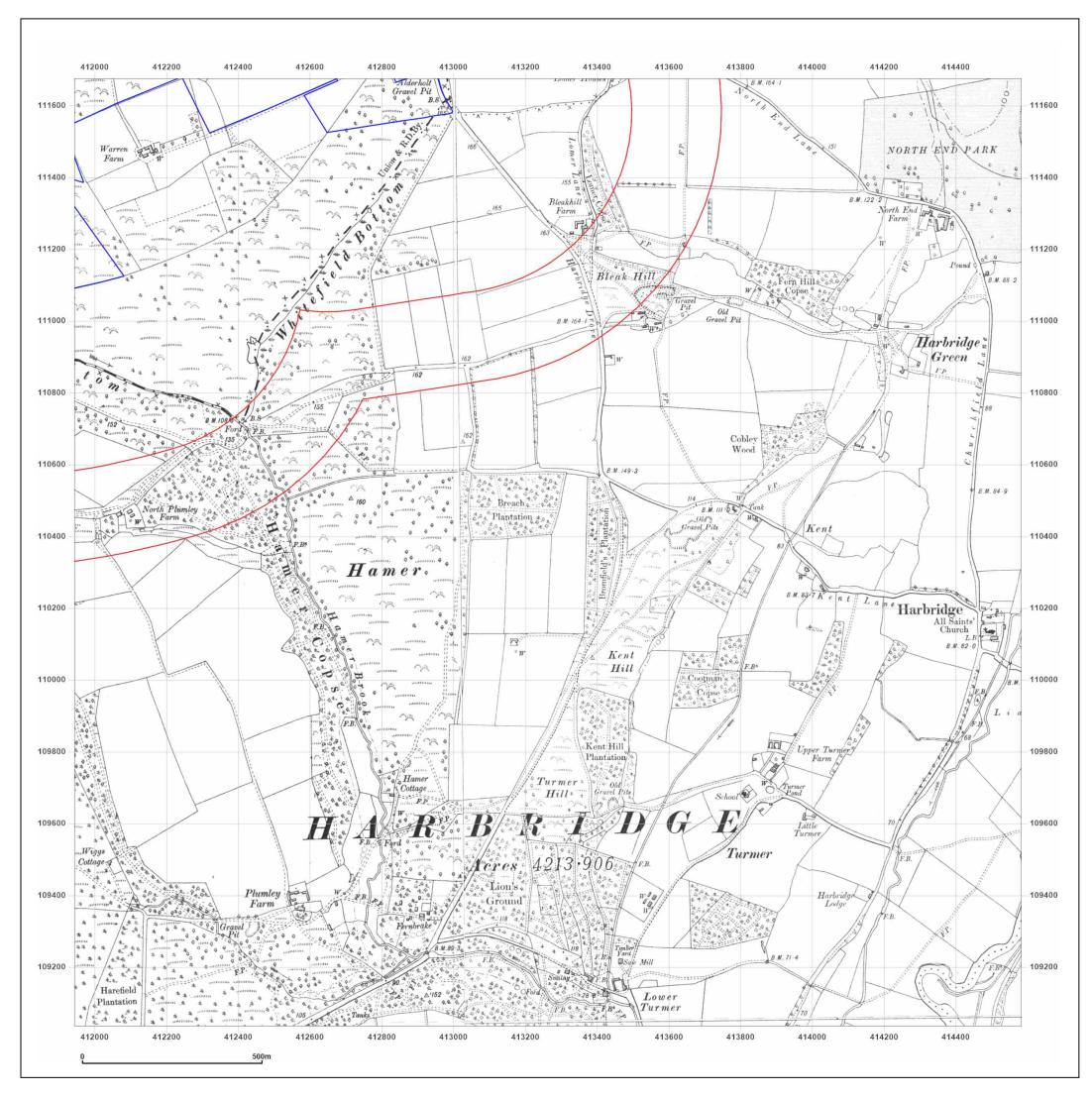
WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
County Series	N
1900	
1:10,560	T L
1:10,560	S
	WTM1-8665662_SS_2_1 413262, 110355 County Series <b>1900</b> 1:10,560





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

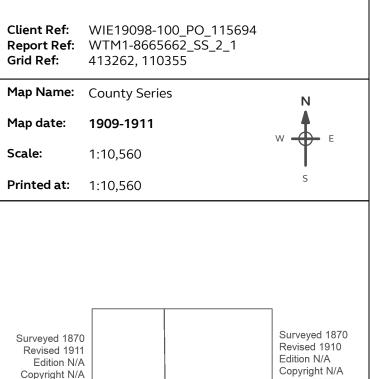


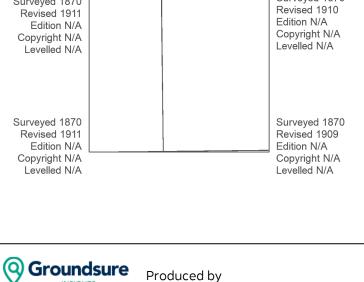
|⊻| <u>₩</u>



Site Details:

ALDERHOLT, SP6 3DF







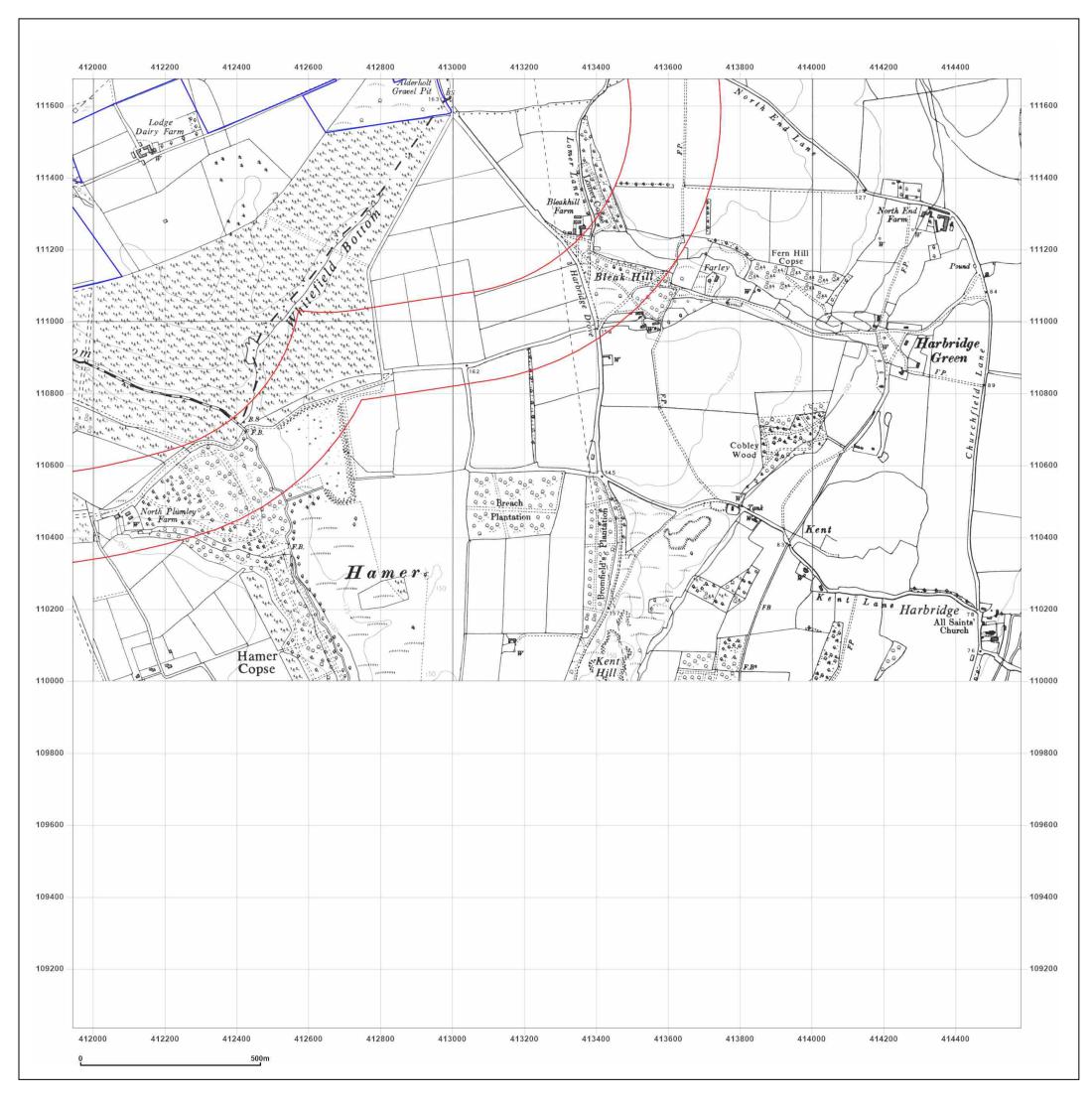
Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

 $\ensuremath{\mathbb{C}}$  Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

www.groundsure.com/sites/default/files/groundsure\_legend.pdf



Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

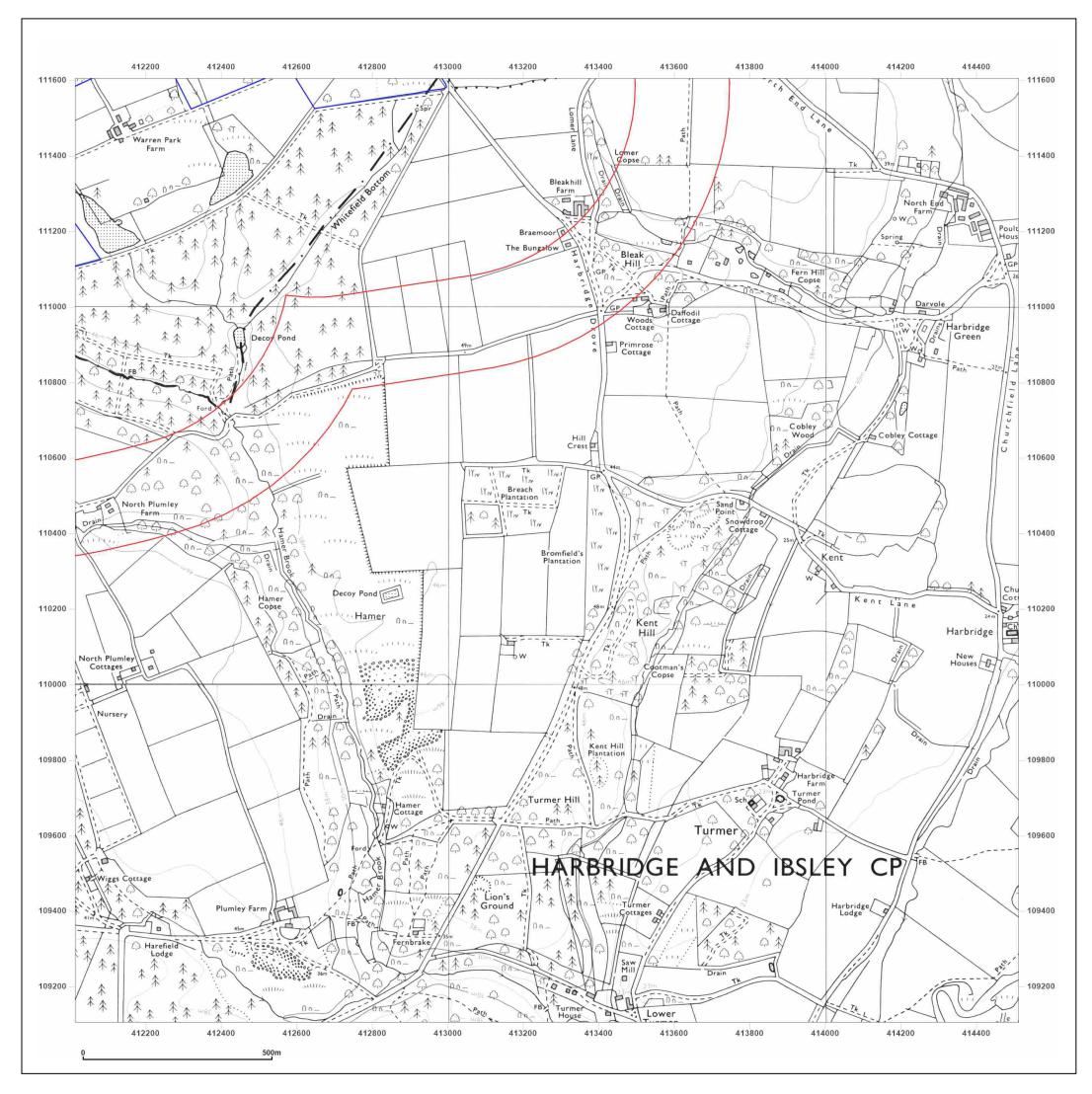
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
Map Name:	Provisional	Ν
Map date:	1957	W F
Scale:	1:10,560	T L
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207



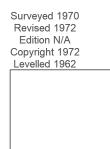
Map legend available at: <u>www.groundsure.com/sites/default/files/groundsure\_legend.pdf</u>



Site Details:

ALDERHOLT, SP6 3DF

WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
National Grid	N
1972	
1:10,000	ΨΨ L
1:10,000	S
	WTM1-8665662_SS_2_1 413262, 110355 National Grid <b>1972</b> 1:10,000

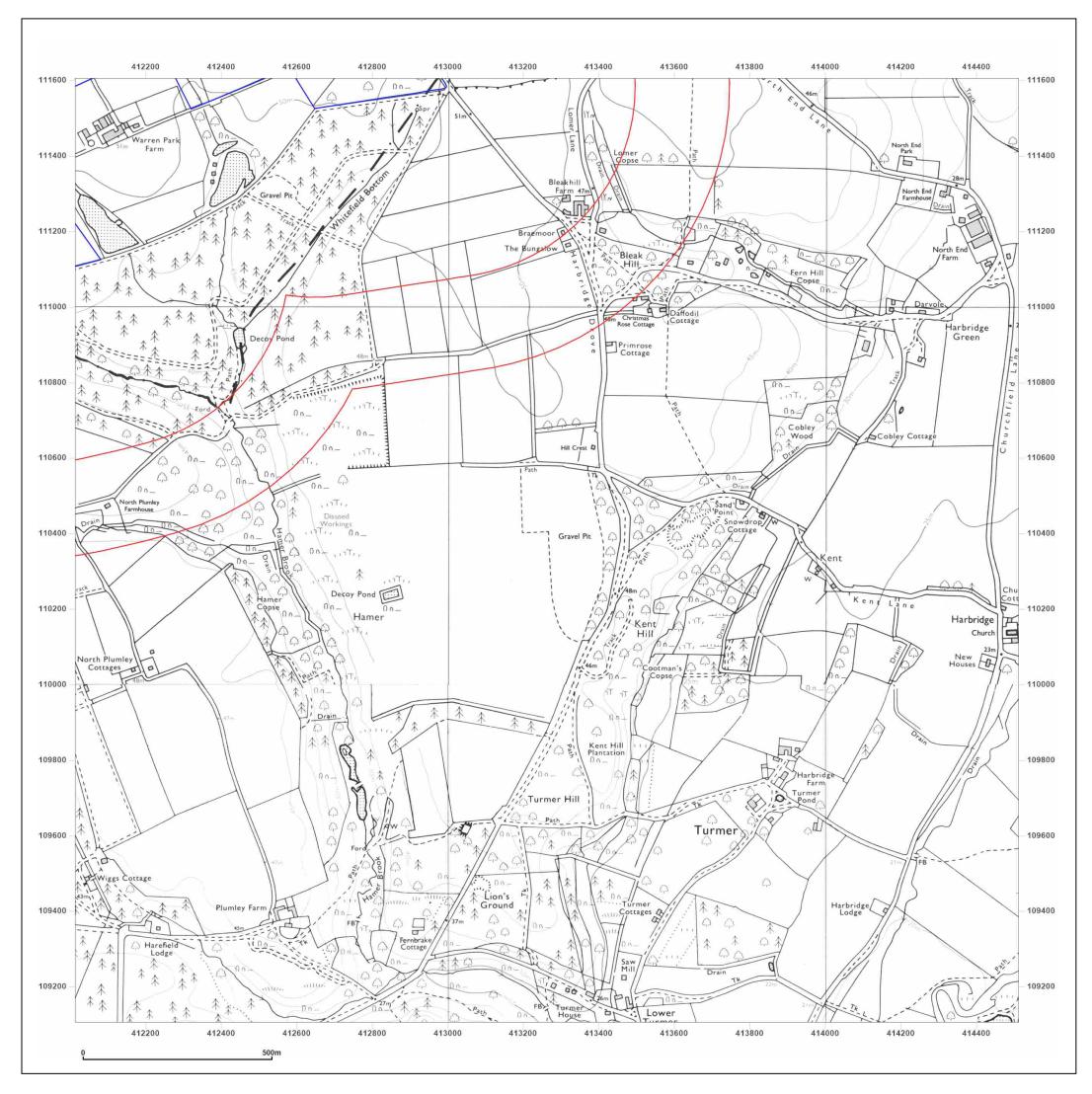


Surveyed 1971 Revised 1972 Edition N/A Copyright 1972 Levelled 1968



Produced by Groundsure Insights T: 08444 159000 E: <u>info@groundsure.com</u> W: www.groundsure.com

© Crown copyright and database rights 2018 Ordnance Survey 100035207



Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
Map Name:	National Grid	N
Map date:	1988-1991	
Scale:	1:10,000	ΨΨ L
Printed at:	1:10,000	S

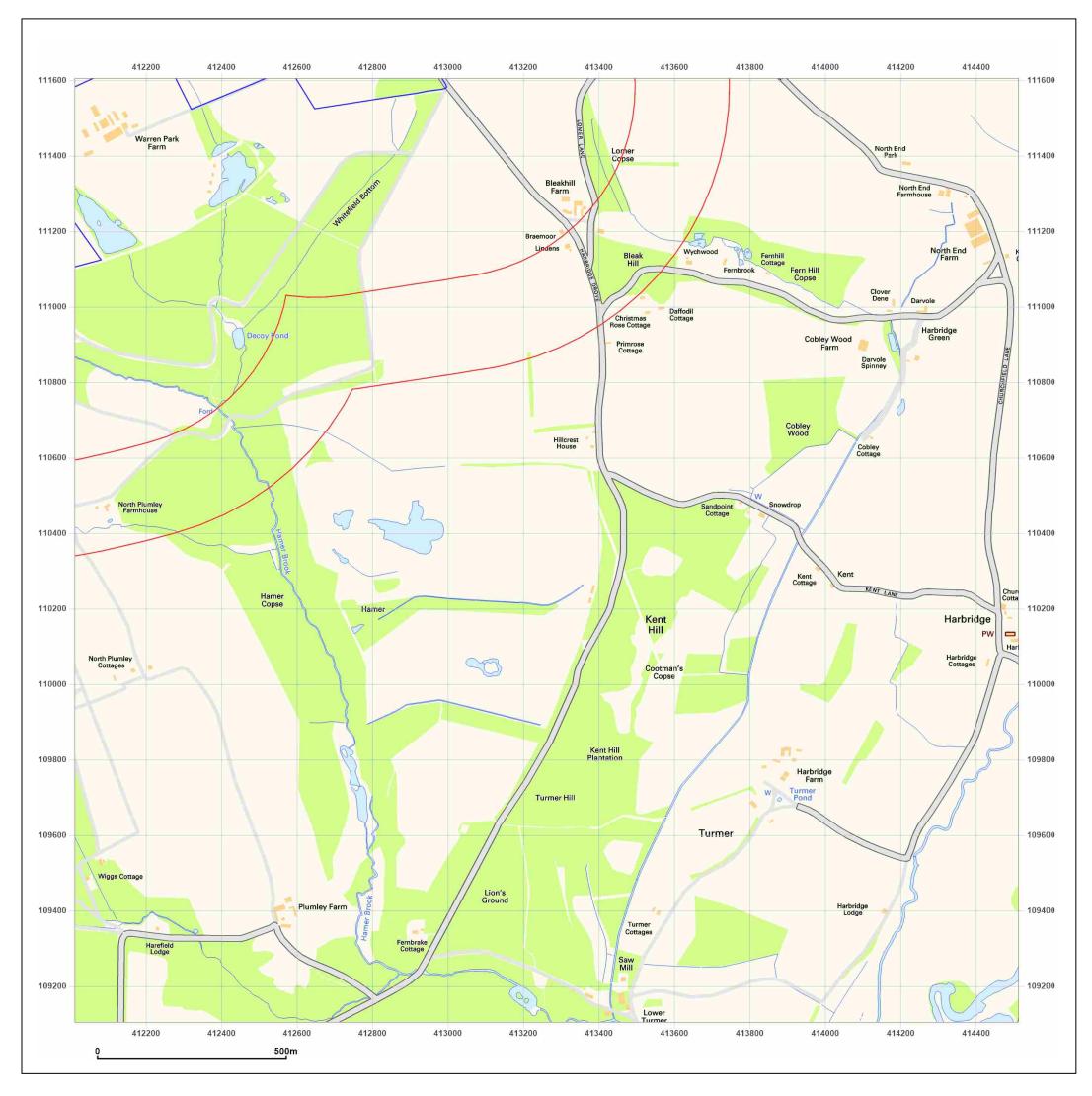


Surveyed 1971 Revised 1991 Edition N/A Copyright N/A Levelled N/A



Produced by Groundsure Insights T: 08444 159000 E: info@groundsure.com W: www.groundsure.com

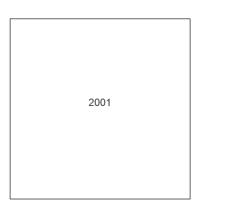
© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

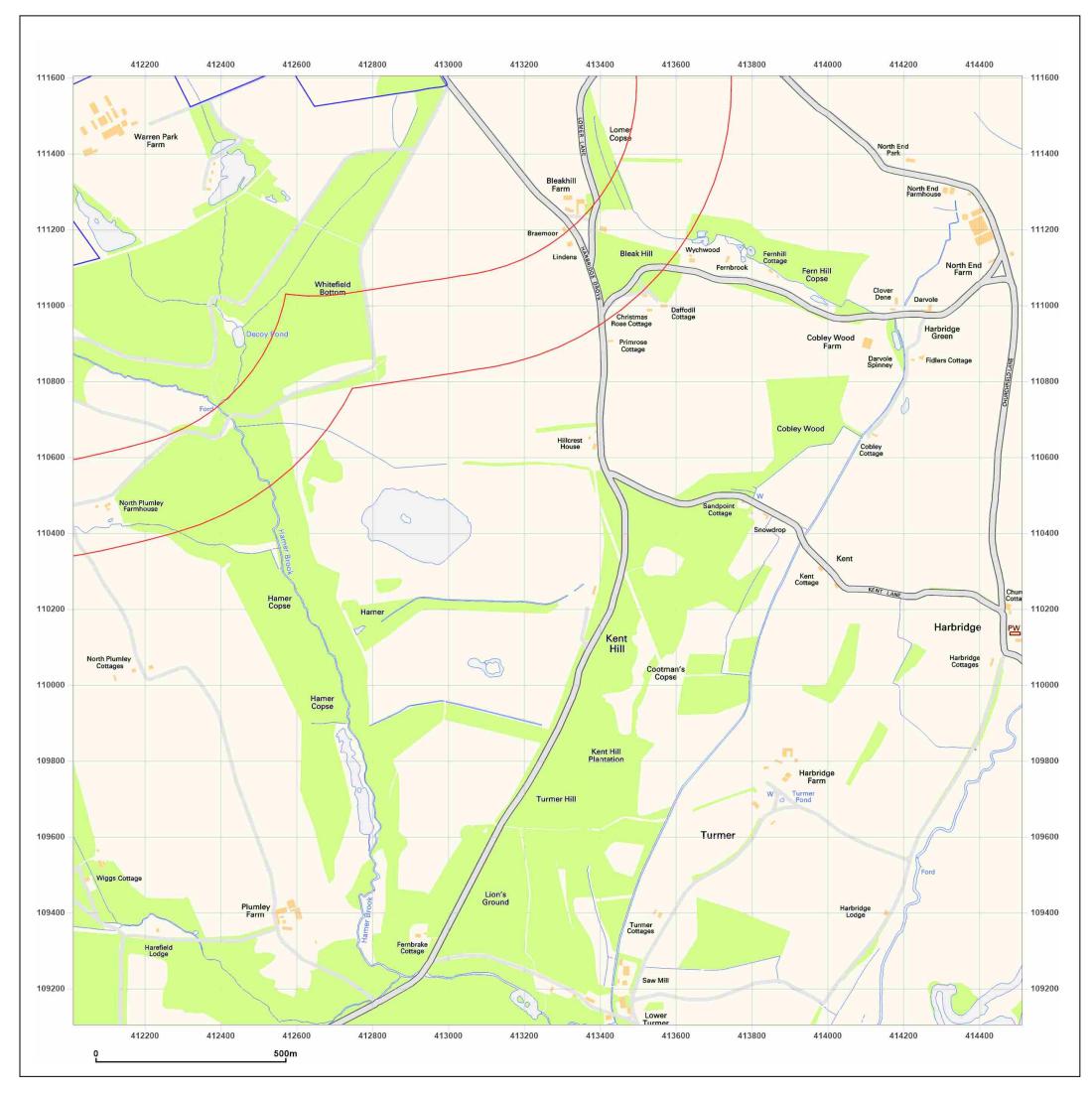
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
Map Name:	National Grid	N
Map date:	2001	
Scale:	1:10,000	ΨΤ
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

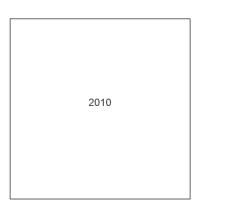
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

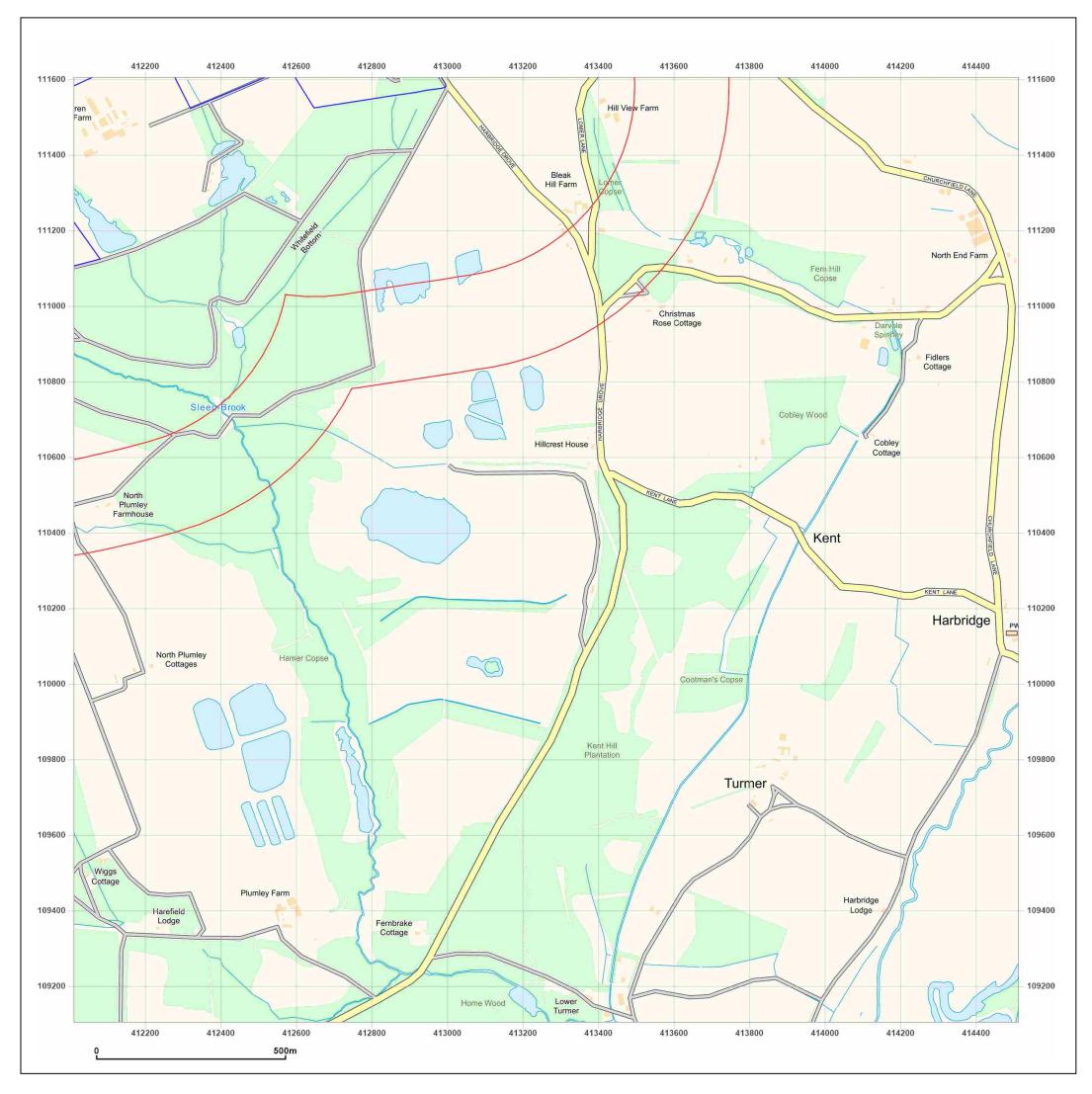
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
Map Name:	National Grid	Ν
Map date:	2010	
Scale:	1:10,000	
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

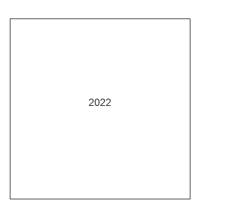
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

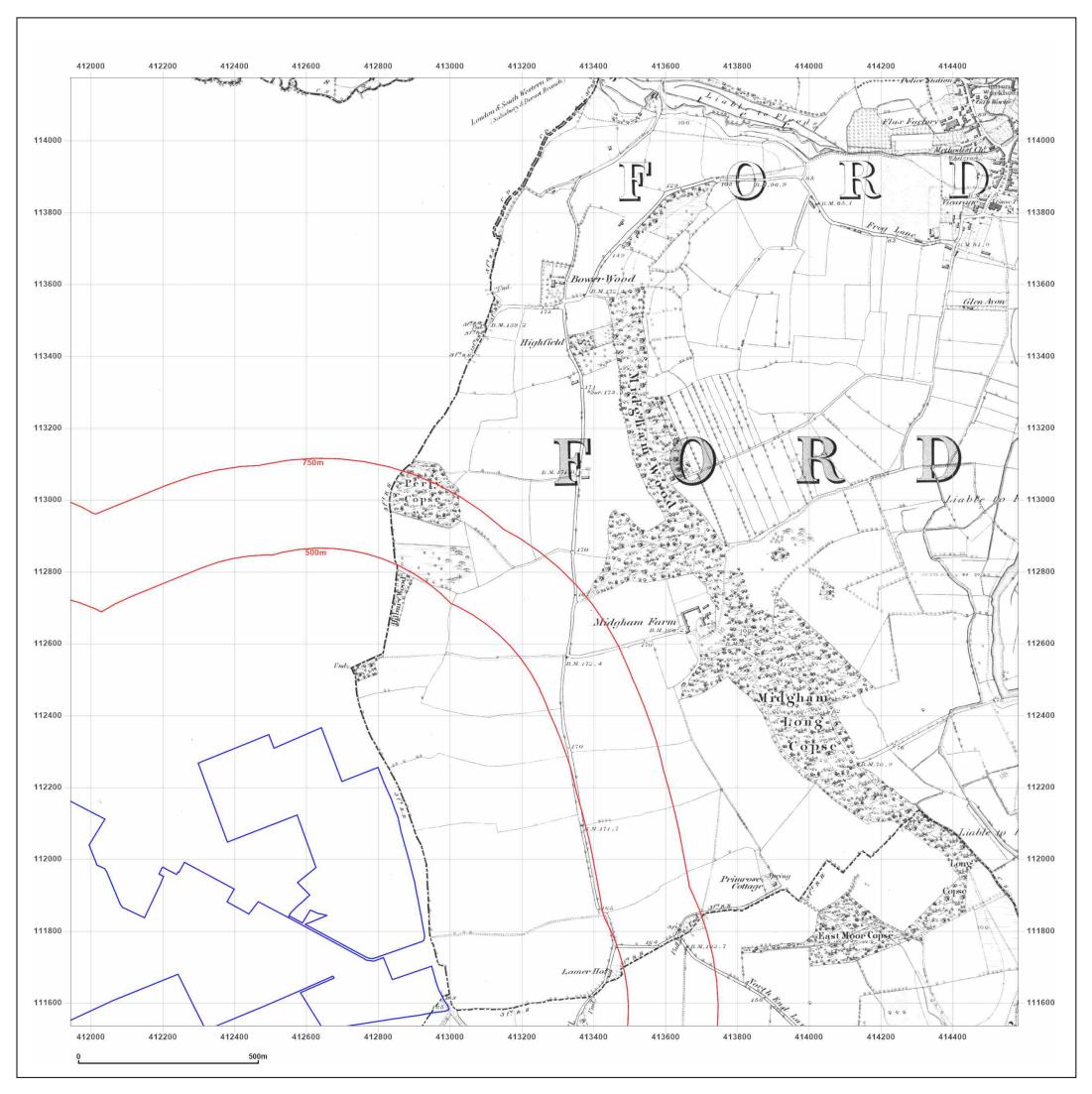
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_1 413262, 110355	
Map Name:	National Grid	N
Map date:	2022	
Scale:	1:10,000	T L
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

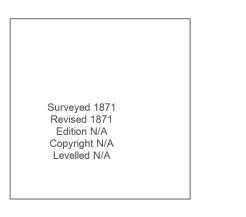
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

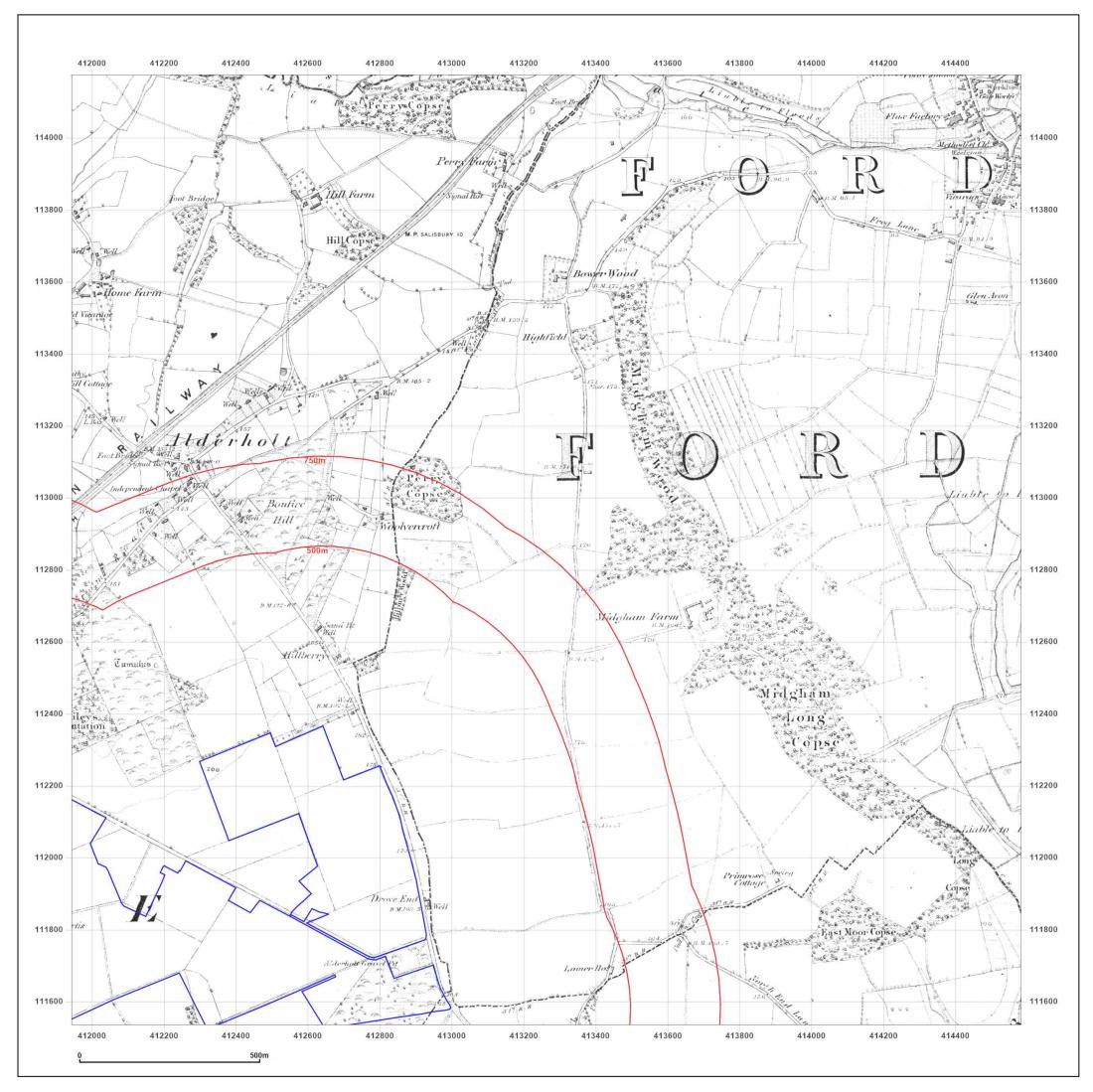
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	County Series	N
Map date:	1871	
Scale:	1:10,560	
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



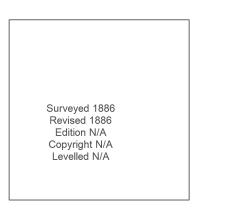
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure\_legend.pdf">www.groundsure\_legend.pdf</a>



Site Details:

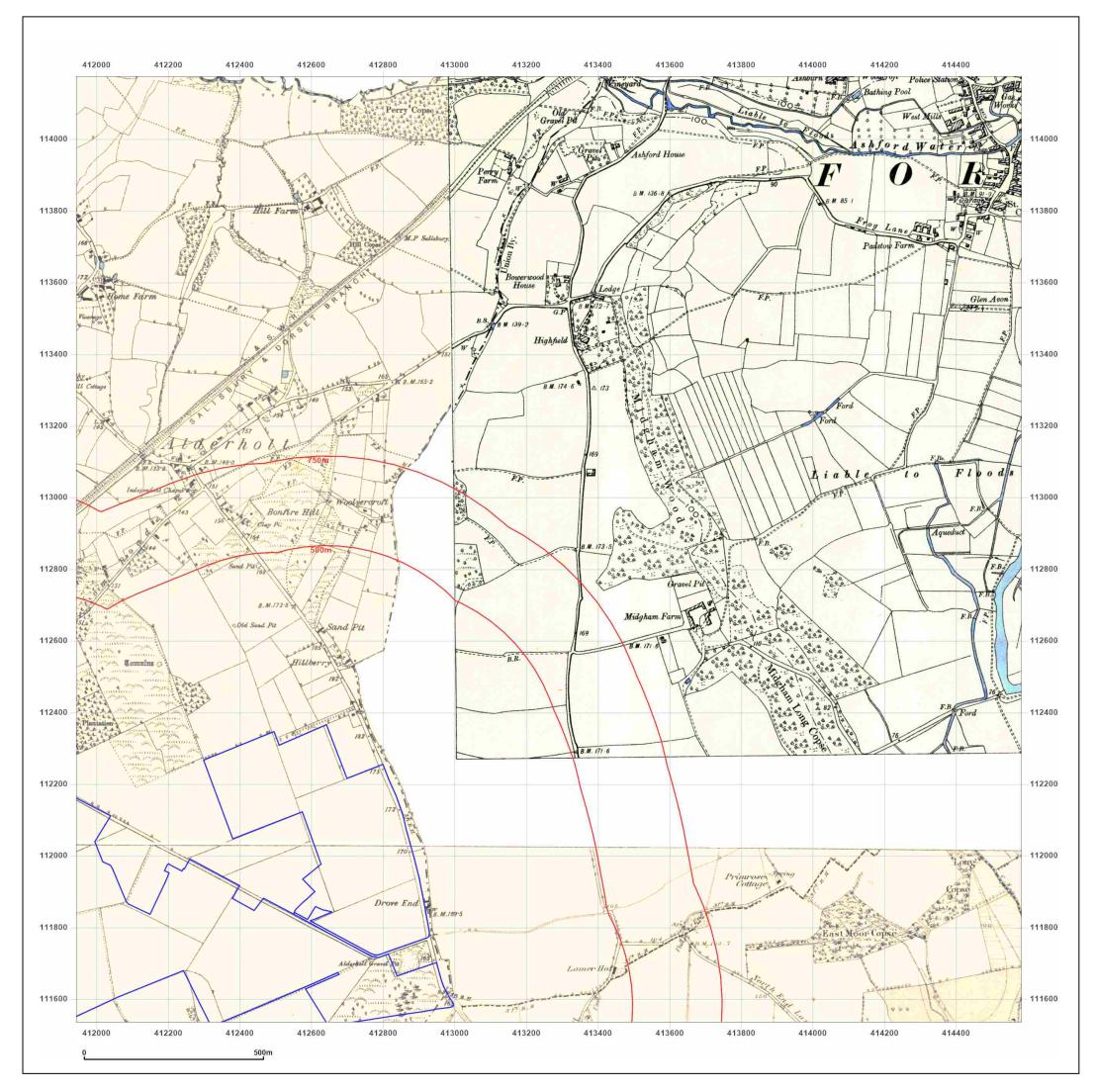
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	County Series	N
Map date:	1886	
Scale:	1:10,560	ΨΤ
Printed at:	1:10,560	S



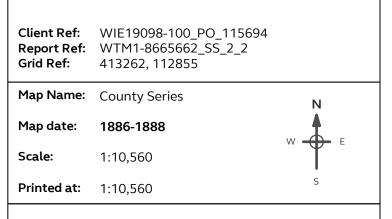


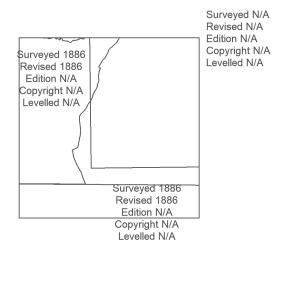
 $\ensuremath{\mathbb{C}}$  Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF





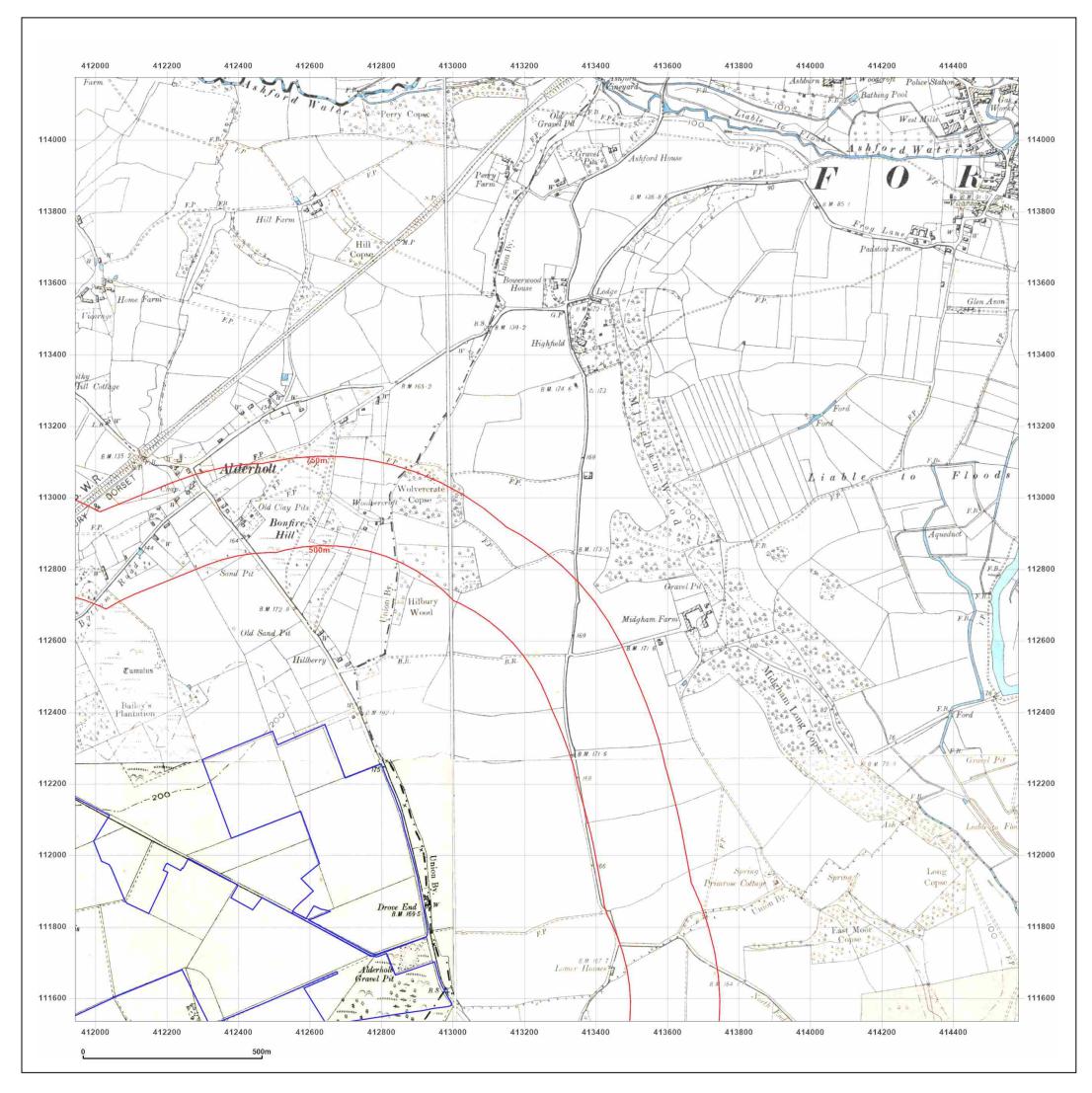


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

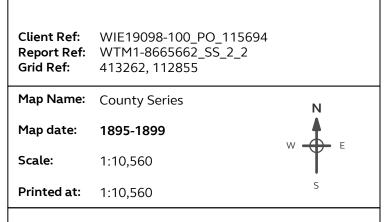
Map legend available at:

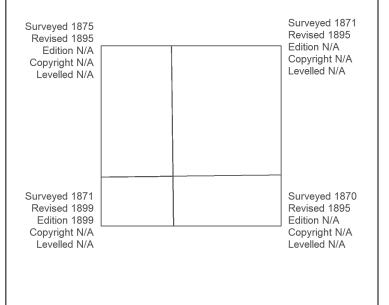
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





ALDERHOLT, SP6 3DF





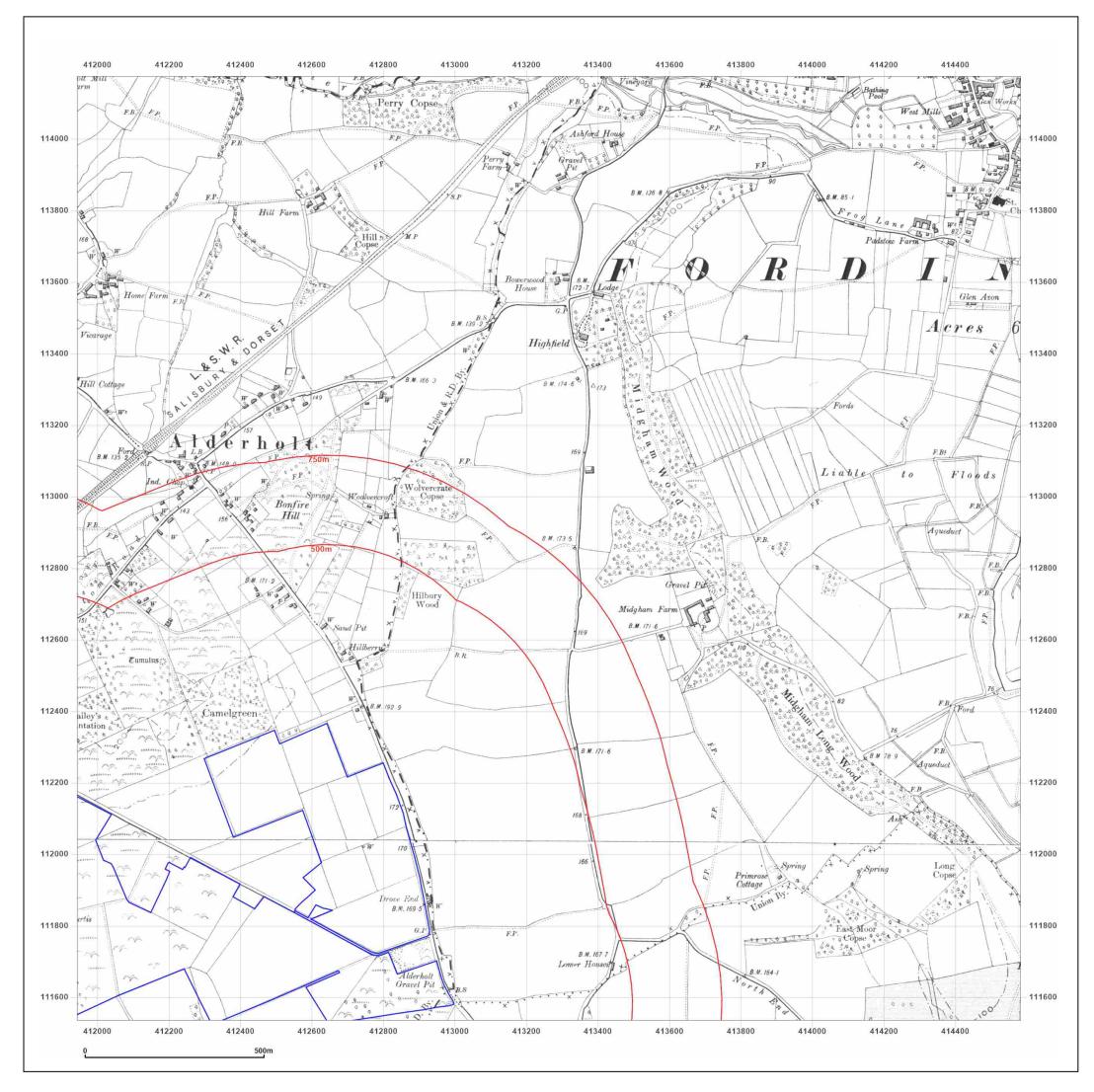


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

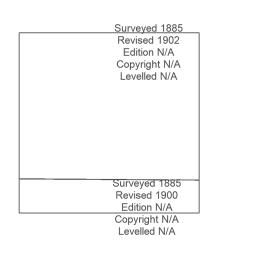
www.groundsure.com/sites/default/files/groundsure\_legend.pdf





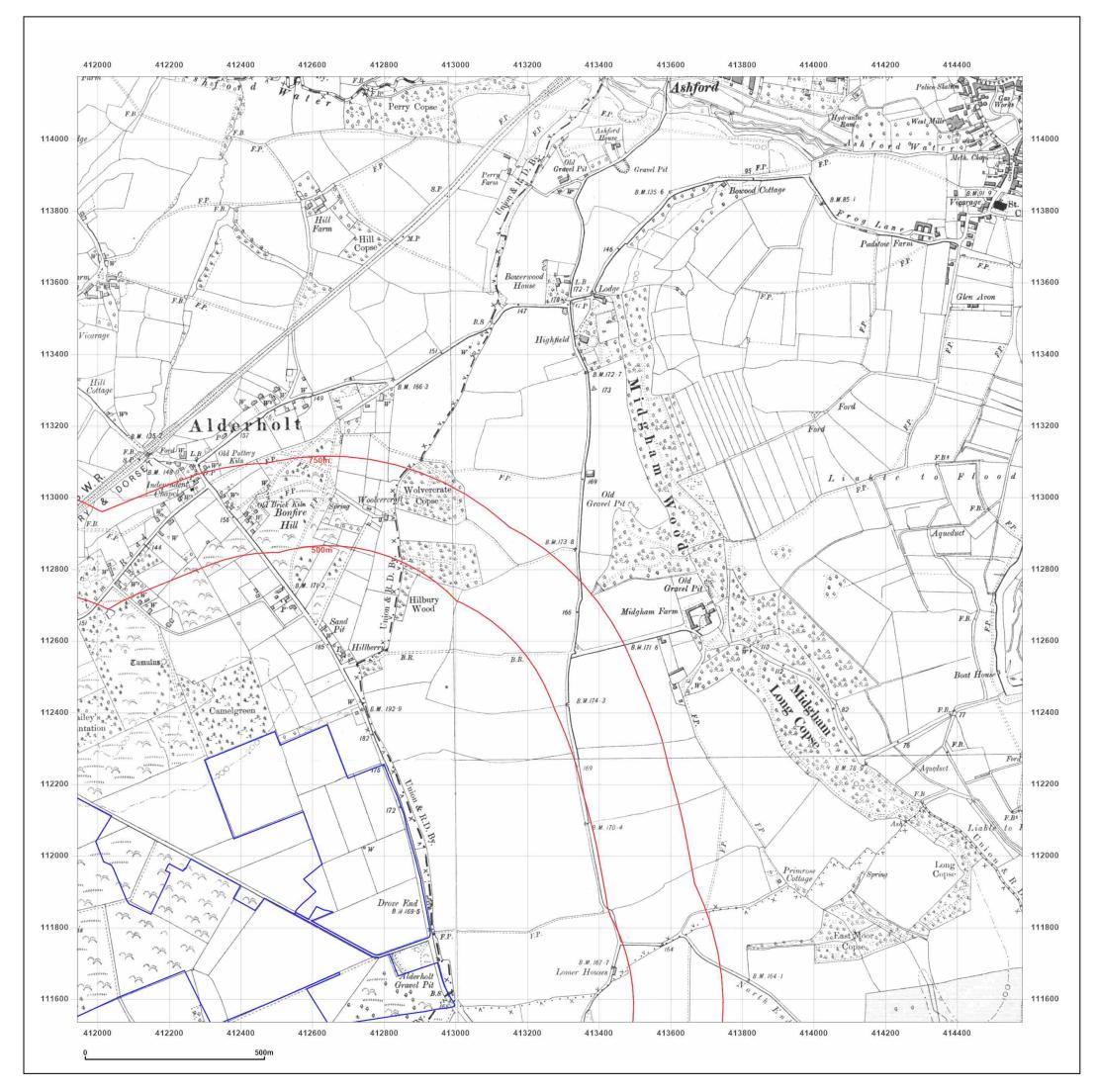
ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	County Series	N
Map date:	1900-1902	
Scale:	1:10,560	
Printed at:	1:10,560	S



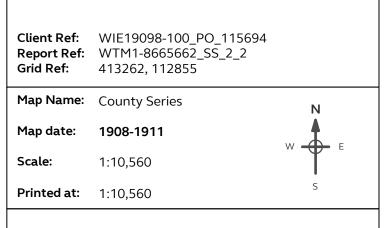


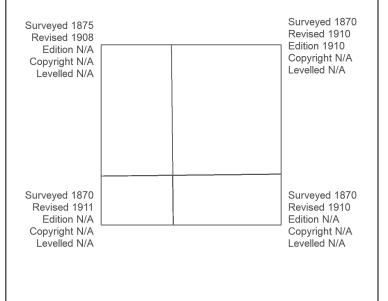
Production date: 11 April 2022





ALDERHOLT, SP6 3DF





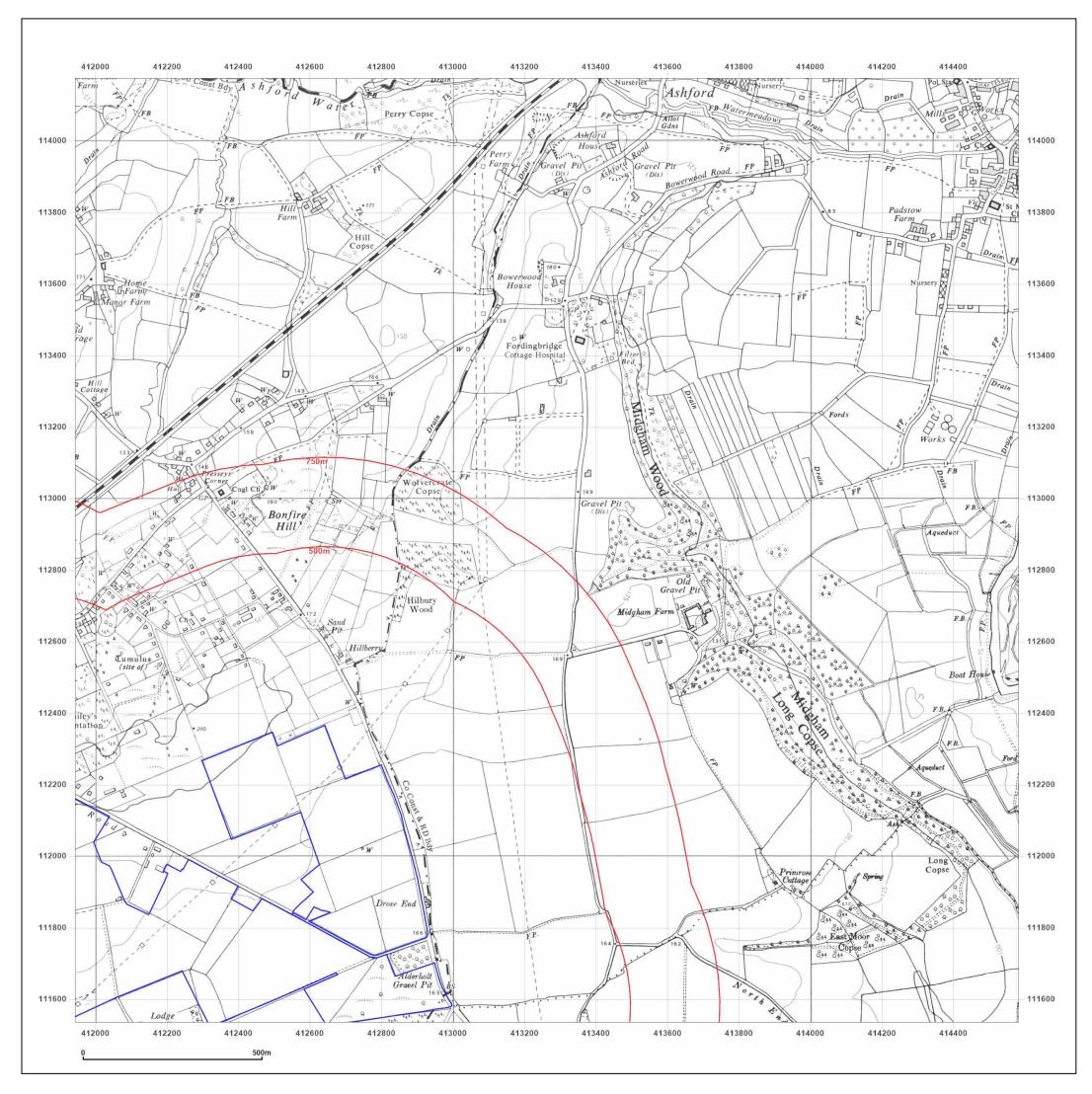


© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022

Map legend available at:

www.groundsure.com/sites/default/files/groundsure\_legend.pdf



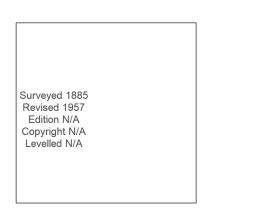
Map legend available at: <a href="http://www.groundsure.com/sites/default/files/groundsure.legend.pdf">www.groundsure.legend.pdf</a>



Site Details:

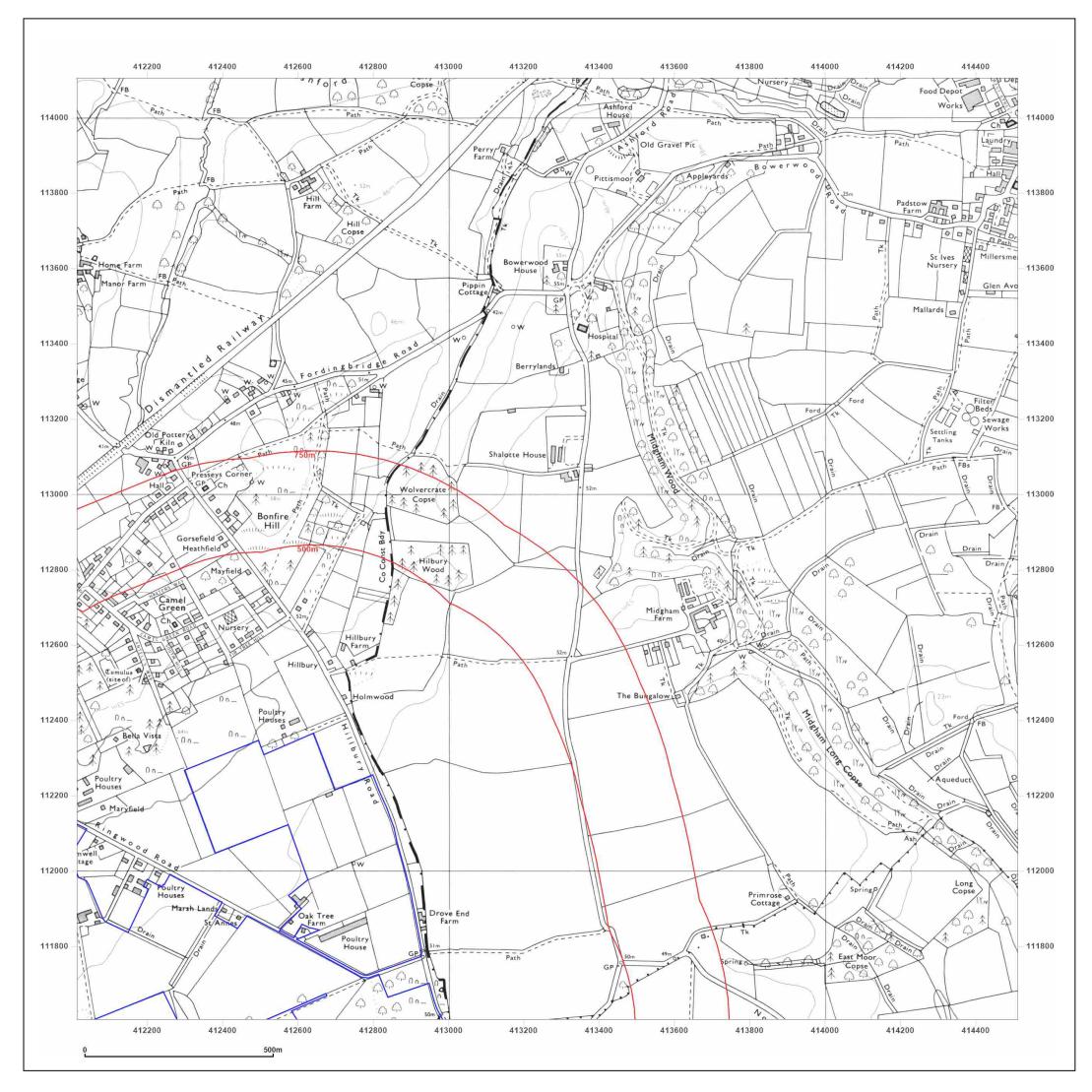
ALDERHOLT, SP6 3DF

	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	Provisional	N
Map date:	1957	
Scale:	1:10,560	
Printed at:	1:10,560	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207





ALDERHOLT, SP6 3DF

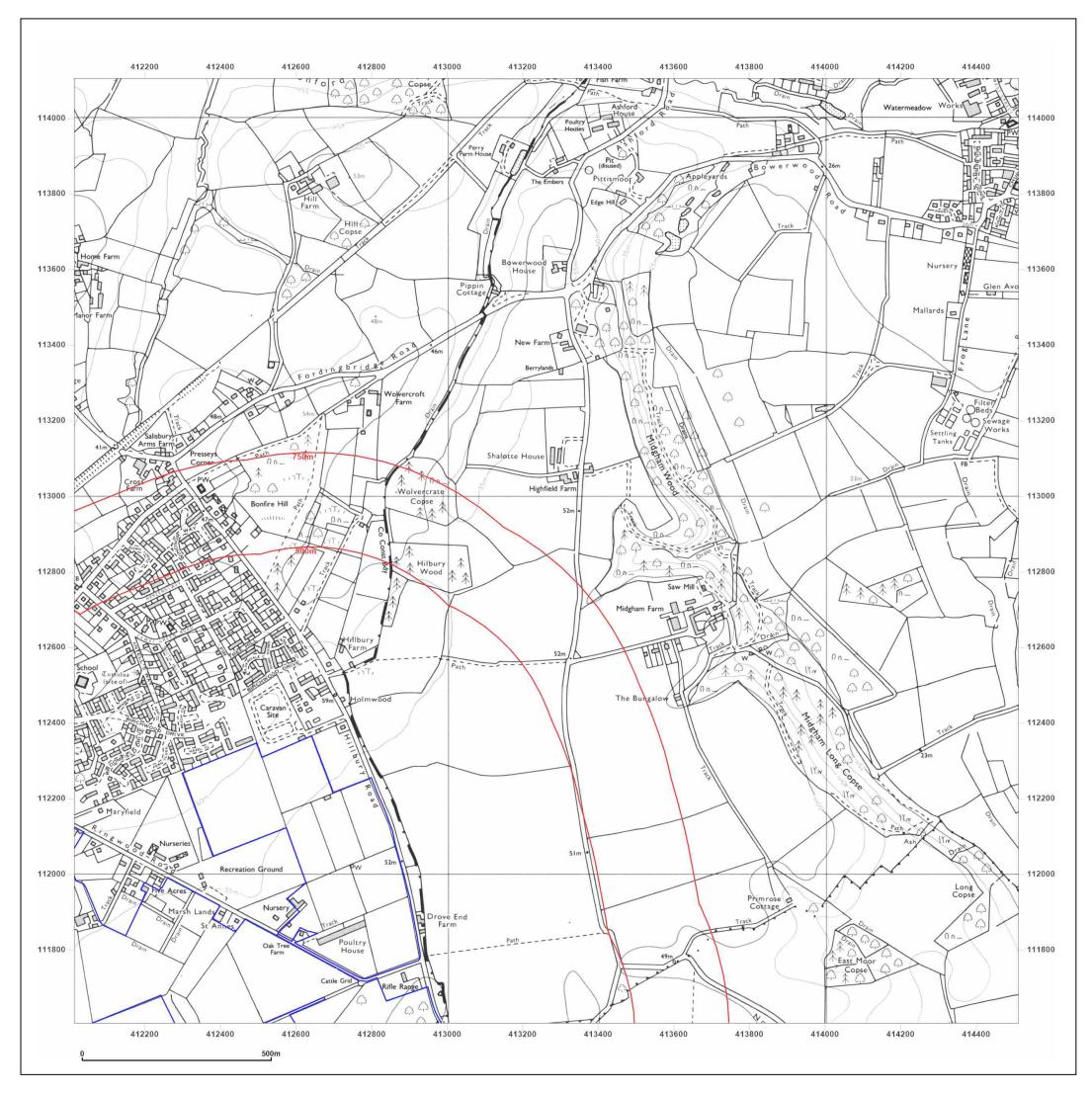
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	National Grid	Ν
Map date:	1972	
Scale:	1:10,000	
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

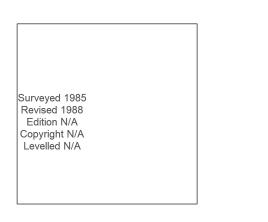
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

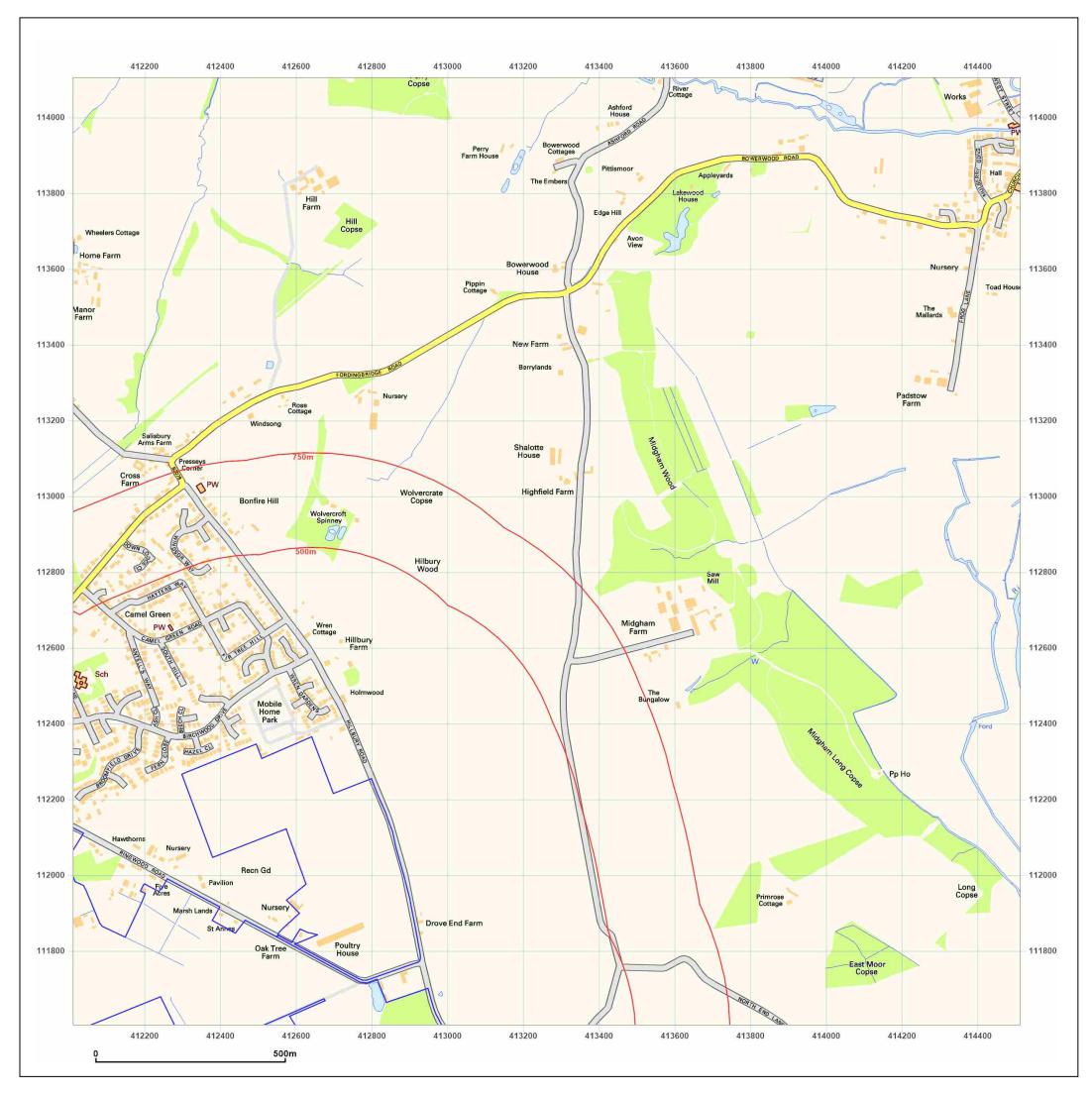
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	National Grid	N
Map date:	1988	
Scale:	1:10,000	Ϋ́Υ '
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

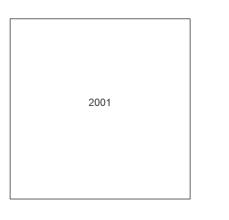
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

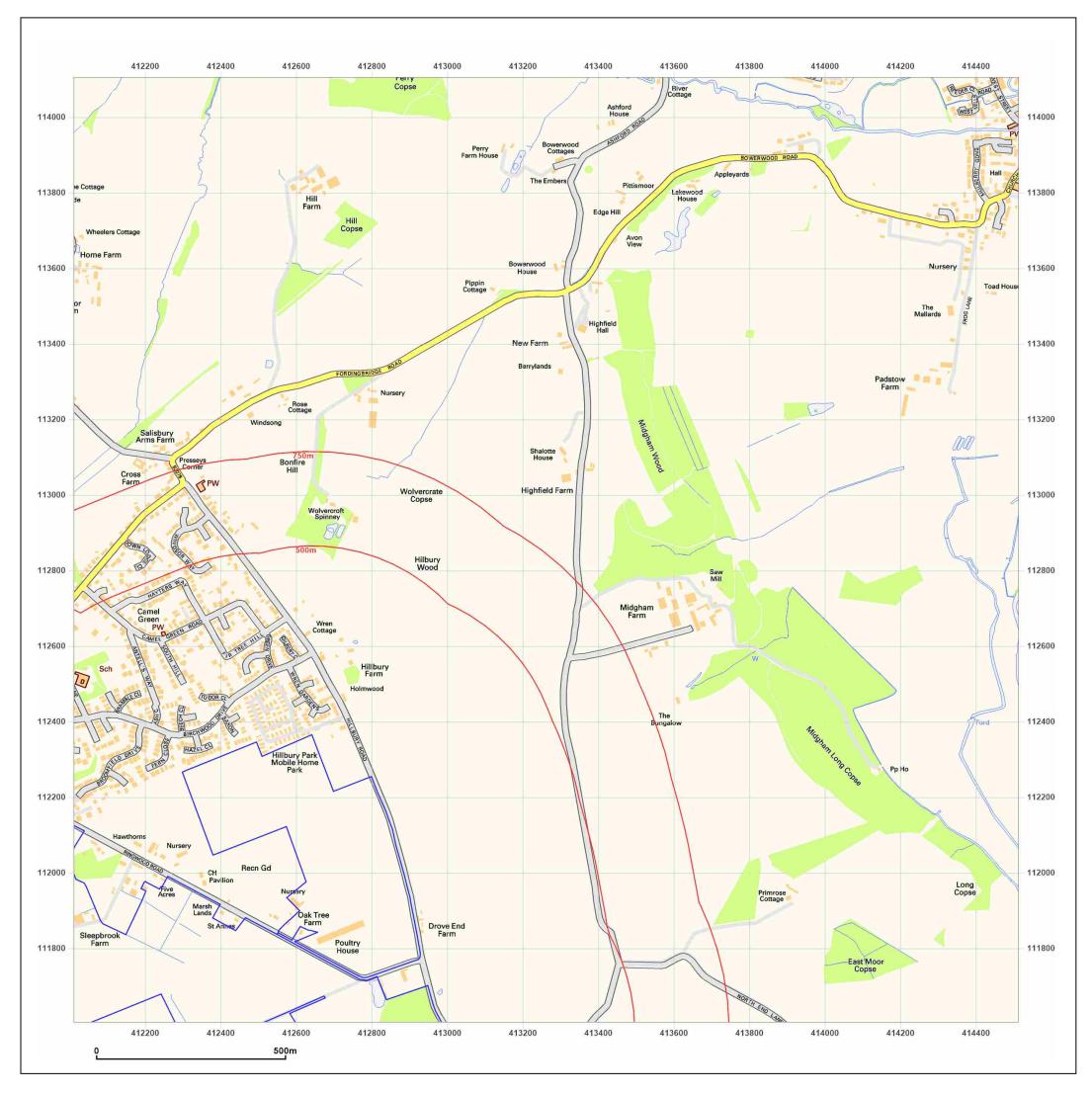
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	National Grid	Ν
Map date:	2001	
Scale:	1:10,000	Ψ Τ Γ
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

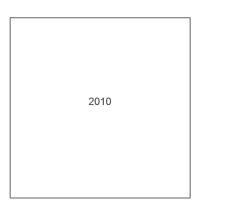
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

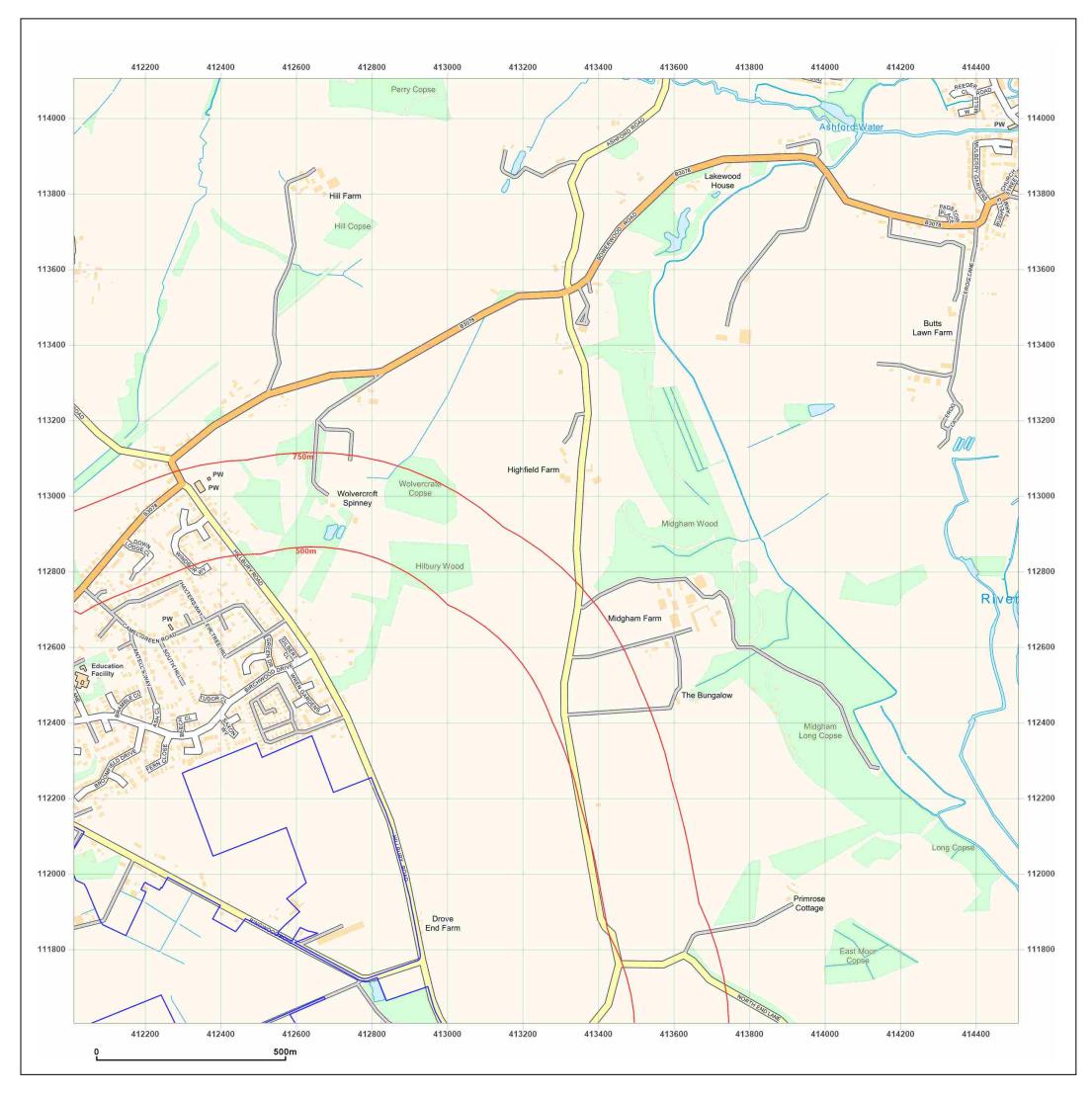
Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	National Grid	Ν
Map date:	2010	
Scale:	1:10,000	
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

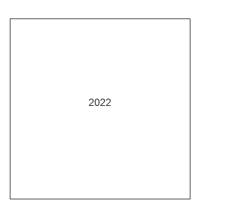
Production date: 11 April 2022





ALDERHOLT, SP6 3DF

Client Ref: Report Ref: Grid Ref:	WIE19098-100_PO_115694 WTM1-8665662_SS_2_2 413262, 112855	
Map Name:	National Grid	N
Map date:	2022	
Scale:	1:10,000	
Printed at:	1:10,000	S





© Crown copyright and database rights 2018 Ordnance Survey 100035207

Production date: 11 April 2022



Environmental Health County Hall, Dorchester, Dorset, DT1 1XJ ① 01305 221000 ~ www.dorsetcouncil.gov.uk

Mr Jon Coates Pickfords Wharf Clink Street Southwark London SE1 9DG Date: 09 May 2022

Ref: 40136

Officer: Michael Hale

- ① 01305838434
- michael.hale@dorsetcouncil.gov.uk

Dear Mr Coates

## Environmental Information Regulations 2004 Environmental Protection Act 1990 Site: Street Record, Ringwood Road, Alderholt, Dorset

I refer to your enquiry of 12 April 2022 relating to the above-mentioned property and potential land contamination.

This letter relates to information held on 9<sup>th</sup> May 2022 and includes information held by Dorset Council's Environmental Health Service about land with possibly contaminating past uses in the Council's administrative area.

## The information provided in this letter is restricted to the questions in your enquiry. If you require additional information, please contact The Council as soon as possible.

I can provide the following responses to the questions in your enquiry:

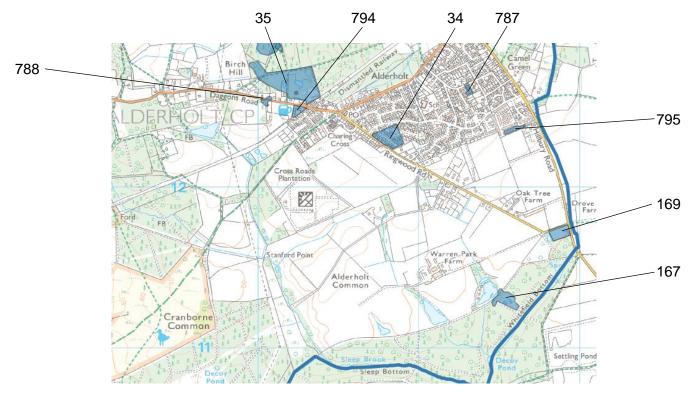
Please can you provide the following information pertaining to the site:

- Is the site registered, or likely to be registered in the future, as contaminated land by the Council under Part IIA of the Environmental Protection Act 1990?
  - The site is not registered or likely to be registered as contaminated land by the Council under Part IIA of the Environmental Protection Act 1990
- Is the site on the Council's prioritisation list as part of your contaminated land strategy?
   The site is not on the Council's prioritisation list
- Records of any contaminative uses on the site or on land adjacent to the site (including current and historical uses and environmental permits)?
   See map and table below
- Existing site investigation reports (geotechnical and contaminated land reports) pertaining to the site or adjacent land?
  - No current or planned investigations
- Records of any ground gas protection measures incorporated into the building?

   No records held
- Records of any confirmed contamination on the site (type of contamination, severity of contamination, date of occurrence, any remediation works that have taken place)?
  - No record of any contaminated land on the site
- Records of any made ground, infilled ground or landfills on the site (type of made ground or infill, dates of when infilling took place, if landfill gas is a concern)?
   No records of any made ground, infilled ground or landfills on the site
- Records of any confirmed pollution incidences on the site (type, impacted receptor, date, severity any remedial action)?
  - $\circ$   $\,$  No records of any confirmed pollution incidences on the site

- Any records of ground settlement?
  - This information is not held by Environmental Health
- Any records of type of foundations on the site?
  - This information is not held by Environmental Health
- Any records regarding the drainage on site, particularly the surface water drainage (presence of interceptors, sumps, any drainage problems flooding or ground water problems)?
  - This information is not held by Environmental Health
- Any complaints regarding the site due to odour, noise, nuisance?
  - No record of any complaints regarding the site due to odour, noise, nuisance
- Any records of buried fuel tanks on the site, if so any information regarding the age, size, number capacity, in use or decommissioned?
  - Records held by Environmental Health do not indicate the presence of any buried fuel tanks. However, you may wish to consult the Petroleum Officer in the Trading standards team who may have further information - <u>tradingstandards@dorsetcouncil.gov.uk</u>

I enclose a map extracted from our records, which shows points of potential interest in the area adjacent to the site you have identified. The table below gives the associated descriptive information about these sites.



Site Ref.	Historical potentially contaminative use	Risk
788	Quarrying of sand & clay, operation of sand & gravel pits	Low
35	Clay bricks & tiles [manufacture]	Low
794	Alderholt Motors - Fuel: retail sale of automotive fuel	Low
34	Clay bricks & tiles [manufacture]	Low
787	Road Haulage Yard	Low
795	Motor vehicles: maintenance & repair e.g. garages	Low
169	Quarrying of sand & clay, operation of sand & gravel pits	Low
167	Quarrying of sand & clay, operation of sand & gravel pits	Low

The Council is still in the process of compiling information on land contamination within its area, therefore any answers given represent only the information the Council currently has available. The Council's information about land with past or current possibly contaminating uses is not comprehensive.

The Council cannot guarantee that the information given is accurate or valid. The information provided is simply extracted from our records, and we cannot provide interpretation of such information. The Council's statutory responsibilities mean that any site may be investigated at any time in relation to land contamination, irrespective of current status.

You may wish to make your own enquiries, but this is entirely a matter for you and/or your clients. Please note that the records searched will only be those held by the Environmental Health Service. Relevant information may be held by other service areas, for example Building Control or the Planning Department, and you are advised to contact these services if you wish to enquire about their records. You are also advised to consider consulting the Environment Agency.

We trust that the above information is of assistance, [and I now enclose your receipt for your remittance in relation to this enquiry].

Yours sincerely

Michael Hale Technical Officer - Environmental Protection





## E. Regulatory Context

The National Planning Policy Framework (NPPF) 2019 sets out Government planning policy for England and how this is expected to be applied to development. Paragraph 118 of Section 11 – Making effective use of land and paragraphs 170, 178, 179 and 183 of Section 15 – Conserving and enhancing the natural environment of the NPPF relate to contaminated land matters and state the following:

118. Planning policies and decisions should:

c) give substantial weight to the value of using suitable brownfield land within settlements for homes and other identified needs, and support appropriate opportunities to remediate despoiled, degraded, derelict, contaminated or unstable land;

170. Planning policies and decisions should contribute to and enhance the natural and local environment by:

e) preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability. Development should, wherever possible, help to improve local environmental conditions such as air and water quality, taking into account relevant information such as river basin management plans; and

f) remediating and mitigating despoiled, degraded, derelict, contaminated and unstable land, where appropriate.

178. Planning policies and decisions should ensure that:

a) a site is suitable for its proposed use taking account of ground conditions and any risks arising from land instability and contamination. This includes risks arising from natural hazards or former activities such as mining, and any proposals for mitigation including land remediation (as well as potential impacts on the natural environment arising from that remediation);

b) after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part IIA of the Environmental Protection Act 1990; and

c) adequate site investigation information, prepared by a competent person, is available to inform these assessments.

179. Where a site is affected by contamination or land stability issues, responsibility for securing a safe development rests with the developer and/or landowner.

183. The focus of planning policies and decisions should be on whether proposed development is an acceptable use of land, rather than the control of processes or emissions (where these are subject to separate pollution control regimes). Planning decisions should assume that these regimes will operate effectively. Equally, where a planning decision has been made on a particular development, the planning issues should not be revisited through the permitting regimes operated by pollution control authorities.

In order to assess the contamination status of the Site, with respect to the proposed end use, it is necessary to assess whether the Site could potentially be classified as "Contaminated Land", as defined in Part IIA of the Environmental Protection Act 1990 and Contaminated Land Statutory Guidance 2012. This is assessed by the identification and assessment of potential pollutant linkages. The linkage between the potential sources and potential receptors identified needs to be established and evaluated.

To fall within this definition, it is necessary that, as a result of the condition of the land, substances





may be present in, on or under the land such that:

a) significant harm is being caused or there is a significant possibility of such harm being caused; or

b) significant pollution of controlled waters is being caused, or there is significant possibility of such pollution being caused.

It should be noted that DEFRA has advised (Ref. Section 4, DEFRA Contaminated Land Statutory Guidance 2012) Local Authorities that land should not be designated as "Contaminated Land" where:

- a) the relevant substance(s) are already present in controlled waters;
- b) entry into controlled waters of the substance(s) from land has ceased; and
- c) it is not likely that that further entry will take place.

These exclusions do not necessarily preclude regulatory action under the Environmental Permitting (England and Wales) Regulations 2016, which make it a criminal offence to cause or knowingly permit a water discharge of any poisonous, noxious or polluting matter to controlled waters. In England and Wales, under The Water Resources Act 1991 (Amendment) (England and Wales) Regulations 2009, a works notice may be served by the regulator requiring appropriate investigation and clean-up.





# F. Risk Rating Matrix

Table F.1: Risk Rating for Contaminated Land Qualitative Risk Assessment

	Likelihood		
Level of Severity	Most Likely	Reasonably Foreseeable	Unlikely
Acute harm or severe chronic harm. Direct pollution of sensitive water receptors or serious pollution of other water bodies.	High	High	Low
Harm from long-term exposure. Slight pollution of sensitive receptors or pollution of other water bodies.	Medium	Medium	Low
No significant harm in either short or long term. No pollution of water that is likely to affect sensitive receptors. No more than slight pollution of other water bodies.	Low	Low	Low

Appendices





### **G. Environmental Receptors**

The Contaminated Land Statutory Guidance has a four category system that considers harm to human health, controlled waters, flora and fauna, property, livestock and crops. The Categories are broadly defined as follows:

1 Contaminated Land – similar to land where it is known that significant harm has been caused or significant harm is being caused

2 Contaminated Land – no significant harm being caused but there is a significant possibility for significant harm to be caused in the future

3 Not Contaminated Land – there may be harm being caused but no significant possibility for significant harm to be caused in the future

4 Not Contaminated Land – no pollutant linkage, normal levels of contaminants and no significant harm being caused and no significant possibility for significant harm to be caused in the future.

Table G.1: Significant Pollution to Controlled Waters

#### **Pollution of controlled waters**

Under Section 78A(9) of Part 2A the term "pollution of controlled waters means the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter. The term "controlled waters" in relation to England has the same meaning as in Part 3 of the Water Resources Act 1991, except that "ground waters" does not include water contained in underground strata but above the saturation zones. (Paragraph 4.36)

Given that the Part 2A regime seeks to identify and deal with significant pollution (rather than lesser levels of pollution), the local authority should seek to focus on pollution which: (i) may be harmful to human health or the quality of aquatic ecosystems or terrestrial ecosystems directly depending on aquatic ecosystems; (ii) which may result in damage to material property; or (iii) which may impair or interfere with amenities and other legitimate uses of the environment. (Paragraph 4.37)

#### Significant pollution of controlled waters

Paragraph 4.38 states that "The following types of pollution should be considered to constitute significant pollution of controlled waters:

(a) Pollution equivalent to "environmental damage" to surface water or groundwater as defined by The Environmental Damage (Prevention and Remediation) Regulations 2009, but which cannot be dealt with under those Regulations.

(b) Inputs resulting in deterioration of the quality of water abstracted, or intended to be used in the future, for human consumption such that additional treatment would be required to enable that use.

(c) A breach of a statutory surface water Environment Quality Standard, either directly or via a groundwater pathway.

(d) Input of a substance into groundwater resulting in a significant and sustained upward trend in concentration of contaminants (as defined in Article 2(3) of the Groundwater Daughter Directive (2006/118/EC)5)".

Paragraph 4.39 states that "In some circumstances, the local authority may consider that the following types of pollution may constitute significant pollution: (a) significant concentrations6 of

#### **Appendices**





hazardous substances or non-hazardous pollutants in groundwater; or (b) significant concentrations of priority hazardous substances, priority substances or other specific polluting substances in surface water; at an appropriate, risk based compliance point. The local authority should only conclude that pollution is significant if it considers that treating the land as contaminated land would be in accordance with the broad objectives of the regime as described in Section 1 (of the Contaminated Land Statutory Guidance). This would normally mean that the authority should conclude that less serious forms of pollution are not significant. In such cases the authority should consult the Environment Agency".

The following types of circumstance should not be considered to be contaminated land on water pollution grounds:

(a) The fact that substances are merely entering water and none of the conditions for considering that significant pollution is being caused set out in paragraphs 4.38 and 4.39 above are being met.

(b) The fact that land is causing a discharge that is not discernible at a location immediately downstream or down-gradient of the land (when compared to upstream or up-gradient concentrations).

(c) Substances entering water in compliance with a discharge authorised under the Environmental Permitting Regulations.

#### Significant pollution of controlled waters is being caused

In deciding whether significant pollution of controlled waters is being caused, the local authority should consider that this test is only met where it is satisfied that the substances in question are continuing to enter controlled waters; or that they have already entered the waters and are likely to do so again in such a manner that past and likely future entry in effect constitutes ongoing pollution. For these purposes, the local authority should:

(a) Regard substances as having entered controlled waters where they are dissolved or suspended in those waters, or (if they are immiscible with water) they have direct contact with those waters on or beneath the surface of the water.

(b) Take the term "continuing to enter" to mean any measurable entry of the substance(s) into controlled waters additional to any which has already occurred.

(c) Take the term "likely to do so again" to mean more likely than not to occur again.

Land should not be determined as contaminated land on grounds that significant pollution of controlled waters is being caused where: (a) the relevant substance(s) are already present in controlled waters; (b) entry into controlled waters of the substance(s) from land has ceased; and (c) it is not likely that further entry will take place.

#### Significant Possibility of Significant Pollution of Controlled Waters

In deciding whether or not a significant possibility of significant pollution of controlled waters exists, the local authority should first understand the possibility of significant pollution of controlled waters posed by the land, and the levels of certainty/uncertainty attached to that understanding, before it goes on to decide whether or not that possibility is significant. The term "possibility of significant pollution of controlled waters" means the estimated likelihood that significant pollution of controlled waters from land, the local authority should act in accordance with the advice on risk assessment in Section 3 and the guidance in this sub-section.

In deciding whether the possibility of significant pollution of controlled waters is significant the local





authority should bear in mind that Part 2A makes the decision a positive legal test. In other words, for particular land to meet the test the authority needs reasonably to believe that there is a significant possibility of such pollution, rather than to demonstrate that there is not.

Before making its decision on whether a given possibility of significant pollution of controlled waters is significant, the local authority should consider:

(a) The estimated likelihood that the potential significant pollution of controlled waters would become manifest; the strength of evidence underlying the estimate; and the level of uncertainty underlying the estimate.

(b) The estimated impact of the potential significant pollution if it did occur. This should include consideration of whether the pollution would be likely to cause a breach of European water legislation, or make a major contribution to such a breach.

(c) The estimated timescale over which the significant pollution might become manifest.

(d) The authority's initial estimate of whether remediation is feasible, and if so what it would involve and the extent to which it might provide a solution to the problem; how long it would take; what benefit it would be likely to bring; and whether the benefits would outweigh the costs and any impacts on local society or the environment from taking action.

Reproduced from DEFRA (2012) Contaminated Land Statutory Guidance pursuant to section 78YA of the Environmental Protection Act 1990 as amended by Section 57 of the Environment Act 1995.

Relevant types of receptor	Significant harm	Significant possibility of significant harm
Human beings	The following health effects should always be considered to constitute significant harm to human health: death; life threatening diseases (eg cancers); other diseases likely to have serious impacts on health; serious injury; birth defects; and impairment of reproductive functions. Other health effects may be considered by the local authority to constitute significant harm. For example, a wide range of conditions may or may not constitute significant harm (alone or in combination) including: physical injury; gastrointestinal disturbances; respiratory tract effects; cardio- vascular effects; central nervous system effects; skin ailments; effects on organs such as the liver or kidneys; or a wide range of other health impacts. In deciding whether or not a particular form of harm is significant harm, the local authority should consider the seriousness of the harm in question: including the impact on the health, and quality of	The risk posed by one or more relevant contaminant linkage(s) relating to the land comprises: (a) The estimated likelihood that significant harm might occur to an identified receptor, taking account of the current use of the land in question. (b) The estimated impact if the significant harm did occur – i.e. the nature of the harm, the seriousness of the harm to any person who might suffer it, and (where relevant) the extent of the harm in terms of how many people might suffer it. In estimating the likelihood that a specific form of significant harm might occur the local authority should, among other things, consider: (a) The estimated probability that the significant harm might occur: (i) if the land continues to be used as it is currently being used; and (ii) where

#### Table G.2: Significant Harm to Human Health, Ecological Systems and Property





Relevant types of receptor	Significant harm	Significant possibility of significant harm
	life, of any person suffering the harm; and the scale of the harm. The authority should only conclude that harm is significant if it considers that treating the land as contaminated land would be in accordance with the broad objectives of the regime as described in Section 1 of the Contaminated Land Statutory Guidance.	relevant, if the land were to be used in a different way (or ways) in the future having regard to the guidance on "current use" in Section 3 of the Contaminated Land Statutory Guidance. (b) The strength of evidence underlying the risk estimate. It should also consider the key assumptions on which the estimate of likelihood is based, and the level of uncertainty underlying the estimate.
<ul> <li>Any ecological system, or living organism forming part of such a system, within a location which is:</li> <li>a site of special scientific interest (under section 28 of the Wildlife and Countryside Act (WCA) 1981 (as amended) and Part 4 of the Natural Environment and Rural Communities Act 2006 (as amended));</li> <li>a national nature reserve (under Section 35 of the WCA 1981 (as amended));</li> <li>a marine nature reserve (under Section 36 of the WCA 1981 (as amended));</li> <li>a mariae nature reserve (under Section 36 of the WCA 1981 (as amended));</li> <li>a mariae of special protection for birds (under Section 3 of the WCA 1981 (as amended));</li> <li>an area of special protection for birds (under Section 3 of the WCA 1981 (as amended));</li> <li>a "European site" within the meaning of regulation 8 of the Conservation of Habitats and Species Regulations 2010 (as amended);</li> <li>any habitat or site afforded policy protection under Section 15 of The National Planning Policy Framework (NPPF) on conserving and enhancing the natural environment (i.e. possible Special Areas of Conservation, potential Special Protection Areas and listed or proposed Ramsar</li> </ul>	<ul> <li>The following types of harm should be considered to be significant harm:</li> <li>harm which results in an irreversible adverse change, or in some other substantial adverse change, in the functioning of the ecological system within any substantial part of that location; or</li> <li>harm which significantly affects any species of special interest within that location and which endangers the long-term maintenance of the population of that species at that location. In the case of European sites, harm should also be considered to be significant harm if it endangers the favourable conservation status of natural habitats at such locations or species typically found there. In deciding what constitutes such harm, the local authority should have regard to the advice of Natural England and to the requirements of the Conservation of Habitats and Species Regulations 2010 (as amended).</li> </ul>	Conditions would exist for considering that a significant possibility of significant harm exists to a relevant ecological receptor where the local authority considers that: • significant harm of that description is more likely than not to result from the contaminant linkage in question; or • there is a reasonable possibility of significant harm of that description being caused, and if that harm were to occur, it would result in such a degree of damage to features of special interest at the location in question that they would be beyond any practicable possibility of restoration. Any assessment made for these purposes should take into account relevant information for that type of contaminant linkage, particularly in relation to the ecotoxicological effects of the contaminant.

• any nature reserve established under Section 21

Appendices





#### **Relevant types of receptor**

Significant harm

Significant possibility of significant harm

Conditions would exist for

of the National Parks and Access to the Countryside Act 1949.

Property in the form of:

- crops, including timber
- produce grown domestically, or on allotments, for consumption
- livestock
- other owned or domesticated animals;
- wild animals which are the subject of shooting or fishing rights.

For crops, a substantial diminution in yield or other substantial loss in their value resulting from death, disease or other physical damage. For domestic pets, death, serious disease or serious physical damage. For other property in this category, a substantial loss in its value resulting from death, disease or other serious physical damage.

The local authority should regard a substantial loss in value as occurring only when a substantial proportion of the animals or crops are dead or otherwise no longer fit for their intended purpose. Food should be regarded as being no longer fit for purpose when it fails to comply with the provisions of the Food Safety Act 1990. Where a diminution in yield or loss in value is caused by a pollutant linkage, a 20% diminution or loss should be regarded as a benchmark for what constitutes a substantial diminution or loss. In the Guidance states that this description of significant harm is referred to as an "animal or crop effect".

Property in the form of buildings. For this purpose 'building' means any structure or erection and any part of a building, including any part below ground level, but does not include plant or machinery comprised in a building, or buried services such as sewers, water pipes or electricity cables. Structural failure, substantial damage or substantial interference with any right of occupation. The local authority should regard substantial damage or substantial interference as occurring when any part of the building ceases to be capable of being used for the purpose for which it is or was intended.

In the case of a scheduled Ancient Monument, substantial damage should be regarded as occurring when the damage significantly impairs the historic, architectural, traditional, artistic or archaeological interest by reason of which the monument was scheduled.

The Guidance states that this

considering that a significant possibility of significant harm exists to the relevant types of receptor where the local authority considers that significant harm is more likely than not to result from the contaminant linkage in question, taking into account relevant information for that type of contaminant linkage, particularly in relation to the ecotoxicological effects of the contaminant.

Conditions would exist for considering that a significant possibility of significant harm exists to the relevant types of receptor where the local authority considers that significant harm is more likely than not to result from the contaminant linkage in question during the expected economic life of the building (or in the case of a scheduled Ancient Monument the foreseeable future), taking into account relevant information for that type of contaminant linkage.

#### **Appendices**





Relevant types of receptor	Significant harm	Significant possibility of significant harm
	description of significant harm is referred to as a 'building effect'.	

Reproduced from DEFRA (2012) Contaminated Land Statutory Guidance pursuant to section 78YA of the Environmental Protection Act 1990 as amended by Section 57 of the Environment Act 1995

Appendices





# UK and Ireland Office Locations

