



Ground Condition Consultants

LAND AT BILLINGSHURST, WEST SUSSEX

GROUND CONDITION DESK TOP STUDY

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Prepared for
Highwood Homes Limited
The Hay Barn, Upper Ashfield
Hoe Lane, Romsey
SO51 9NJ

Prepared by
Ground Condition Consultants Ltd
10 Waldegrave Close
Southampton
Hampshire
SO19 9RY

ask@groundcc.com
www.groundcc.com

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Prepared by: Antony Platt - Director	Reviewed by: Rasmus Palmgren - Director

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0. EXECUTIVE SUMMARY

Brief	The brief was to use the information provided in an Environmental Database Search relating to the site to assess and report on the findings with respect to potential ground contamination and potential associated future liabilities in accordance with the Preliminary Risk Assessment procedure outlined in Land Contamination Risk Management (LCRM), published by the Environment Agency.
Current Site Status	The various land parcels at the site are located to the north and south of the A272 and north of Newbridge Road & west of A29, to the north-west of the A272 (Billingshurst Football Club and Skatepark) and then also to west of Stane Street (opposite Billingshurst Trade Park). The site is predominantly in agricultural use with a few small enclaves of residential development, a fishing lake, sports pitches, a farm equipment business/sales centre (Crawfords Group), Billingshurst Football Club and Skatepark, public open space (walking track), associated car parking area and changing room facilities, a substation and a fishing pond. A well is noted to be present between the fishing pond and the Recycling Centre.
Site History	Historical map extracts reviewed (1870-2025) indicate that there has been little development on-site. A group of farm building were evident in the southwest of the site from the earliest available map extracts, with some amendments to the layout, including a tank, between the 1950s and 1970s. By 1984, these farm buildings had been demolished and the building currently occupied by Crawfords Group (agricultural equipment sales) was constructed adjacent to the south of where the farm buildings had been. The area of the former farm buildings was subsequently returned to agricultural use. Areas of the current agricultural field in the west of the site (north and northeast of the Crawfords Group building) were shown to be covered by woodland until the map extracts from the 1970s and 1980s, when the trees appear to have been removed. A well has been present in the central eastern area of the site, between the current Recycling centre and the fish pond, since at least 1876 and was associated with Weavers Cottage, with the cottage no longer shown from the 1930s maps onwards. The well remains to the present day.
Geology	Reference to the British Geological Survey (BGS) Map extracts indicates the majority of site/area to directly overlie the bedrock geology of the Weald Clay Formation (mudstone and sandstone). The western most areas of the site is shown to overlie superficial Alluvial Deposits (clay, silt, sand and gravel) and Arun Terrace Deposits (sand and gravel) over the Weald Clay Formation (mudstone and sandstone).
Hydrogeology	The Environment Agency Groundwater Vulnerability Map extracts indicate areas of the site to be underlain by Secondary A Aquifers, interpreted as the Alluvial Deposits and Arun Terrace Deposits (western parts) and also the Weald Clay Formation (sandstone). The Weald Clay Formation (mudstone) is identified as an Unproductive Stratum.
Hydrology	Numerous drainage ditches are crossing and adjoining the various land parcels. The River Arun is located to the west of the site. Most of the drainage ditches and watercourses crossing and adjoining the site are part of the Arun catchment.

Conclusions and
Recommendations

The following potential sources of contamination were identified in relation to the proposed use:

- Potential for localised reduced quality Made Ground to be present in vicinity of the former farm buildings, access tracks, field access points and former residential properties, including asbestos, from the demolition of the former buildings and use of the site as a farm. Due to the age of the former structures, there is a significant potential for asbestos to be present.
- Potential for ground gas generation from localised potential Made Ground, particularly in the vicinity of the former farm buildings.
- Potential for PCBs, heavy metals and mineral oils from transformer oil from the electrical substation in the centre east of the site.

The risks to the health of future site users from contamination, in the context of the proposed utility redevelopment of the site, have been assessed to be **very low to low/moderate**.

The proposed development of the site is to include residential properties both with and without garden areas, public open space associated infrastructure and areas of commercial use.

It is considered that intrusive investigation will be required to allow development of the ground model and geotechnical assessment and it is therefore recommended that geo-environmental assessment is included in the scope of intrusive investigation to allow robust assessment of the risks to identified receptors and consideration of health and safety risks assessments for construction workers.

This sheet is intended to provide a summary only of the initial indicative assessment study of the site in relation to ground contamination. It does not provide a definitive engineering analysis for the purposes of costing or construction, and is subject to the limitation of the agreed brief.

1. INTRODUCTION

1.1 INSTRUCTION

Ground Condition Consultants Ltd. (GCC) was commissioned by Highwood Homes Limited in January 2025 to undertake a Ground Condition Desk Top Study of land at Billingshurst, West Sussex.

The brief was to use the information provided in an Environmental Database Search relating to the site to assess and report on the findings with respect to potential ground contamination and potential associated future liabilities in accordance with the Preliminary Risk Assessment procedure outlined in Land Contamination Risk Management (LCRM), published by the Environment Agency.

It is noted that the study site boundary (Figure 1) and the boundary on the appended Groundsure report differ slightly. This assessment has been based on the boundary shown in Figure 1 with the relevant data from the Groundsure report utilised.

This report is prepared in line with the agreed brief and is subject to the report conditions shown in Appendix 1.

1.2 LEGAL CONTEXT

Part IIA of the Environmental Protection Act 1990 (inserted by Section 57 of the Environment Act 1995) provides a regime for the control of specific threats to health or the environment from land contamination. In accordance with the Act and the statutory guidance document 'The Contaminated Land (England) Regulations 2000', the definition of contaminated land is intended to embody the concept of risk assessment. Within the meaning of the Act, land is only "contaminated land" where it appears to the Regulatory Authority, by reason of substances within or under the land, that:

- Significant harm is being caused, or there is a significant possibility of such harm being caused; or
- Pollution of controlled waters is being, or is likely to be, caused."

Inherent in this definition is the requirement for contamination risk assessment to be undertaken on a site specific basis, as the potential for harm is determined by the site's end use and its specific environmental setting.

The guidance defines "risk" as the combination of:

- The probability, or frequency, of occurrence of a defined hazard (for example, exposure of a property to a substance with the potential to cause harm); and
- The magnitude (including the seriousness) of the consequences.

While Part IIA of the Environmental Protection Act provides a risk based approach to the identification and remediation of land where contamination poses an unacceptable risk to human health or the environment, the regime does not take into account future uses. New developments are therefore controlled by the planning regime, with reference to the National Planning Policy Framework (NPPF), rather than directly by Part IIA of the Environmental Protection Act.

The NPPF is based on the principal that the site should be suitable for its new use, taking account of ground conditions, including from natural hazards or former activities and states that “Where a site is affected by contamination or land stability issues, responsibility for securing a safe development rests with the developer and/or landowner”. The NPPF also links the planning and Part IIA regimes by stating that “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”. Key components of the Part IIA regime, such as the definition of Contaminated Land and the associated risk based assessment approach, are therefore considered to also be applicable to the planning regime.

1.3 METHODOLOGY

This report has been prepared in accordance with published Environment Agency guidance (‘Land Contamination Risk Management (LCRM)’). LCRM provides the technical framework for structured decision making about land contamination and builds on previous work carried out under the Contaminated Land Research Programme (of the former Department of the Environment) and the Model Procedures for the Management of Land Contamination – Contaminated Land Report (CLR) 11. LCRM has adopted and refined the well recognised methodology and terminology that has been used in contaminated land risk assessment for a number of years.

1.3.1. Pollutant linkage concept

In the context of land contamination, there are three essential elements to any risk:

- A **contaminant source** – a substance that is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters.

- A **receptor** – in general terms, something that could be adversely affected by a contaminant, such as people, an ecological system, property, or a water body.
- A **pathway** – a route or means by which a receptor can be exposed to, or affected by, a contaminant.

Each of these elements can exist independently, but they create a risk only where they are linked together, so that a particular contaminant affects a particular receptor through a particular pathway. This kind of linked combination of contaminant–pathway–receptor is described as a pollutant linkage.

1.3.2. Conceptual model

An important thread throughout the overall process of risk assessment is the need to formulate and develop a **conceptual model** for the site, which supports the identification and assessment of pollutant linkages. A conceptual model represents the characteristics of the site in diagrammatic or written form that shows the possible relationships between contaminants, pathways and receptors (pollutant linkages).

1.3.3. Risk assessment

LCRM advocates a phased approach to risk assessment comprising the following in order, as necessary:

Preliminary Risk Assessment – a desk study consisting of a review of documentary, anecdotal and site walk over evidence.

Generic Quantitative Risk Assessment (GQRA) - comparison of contaminant concentrations obtained from site investigation with generic assessment criteria.

Detailed Quantitative Risk Assessment (DQRA) - comparison of contaminant concentrations obtained from site investigation with site-specific assessment criteria.

This document constitutes a Preliminary Risk Assessment.

1.4 PROPOSED USE

It is currently understood that a development, comprising residential, retail/employment, school, retirement living, recreation areas, wildlife areas and sports facilities, are proposed for the site.

A change in the site use from that currently proposed may result in the need for re-assessment of risk criteria and the conclusions and recommendations resulting from the risk assessment could therefore significantly change.

1.5 REPORT SCOPE AND LIMITATIONS

This report is based upon a site visit, review of readily available historical and current information, geological and hydrogeological maps and information from an environmental database search. The assessment is based on the proposed use stated in Section 1.4 and the outcomes of this assessment could change if the end uses change.

The information contained in this report is intended for the use of Highwood Homes Limited. GCC can take no responsibility for the use of this information by any other party or for uses other than that described in this report.

2. PRELIMINARY RISK ASSESSMENT

2.1 SITE LOCATION AND DESCRIPTION

The various land parcels at the site are located to the north and south of the A272 and north of Newbridge Road & west of A29, to the north-west of the A272 (Billingshurst Football Club and Skatepark) and then also to west of Stane Street (opposite Billingshurst Trade Park).

The is predominantly in agricultural use with a few small enclaves of residential development, a fishing lake and sports pitches. A farm equipment business/sales centre (Crawfords Group) is located in the southwest of the site, along the A272 (north). A service station is located at Platts Roundabout, just south of the A272 and west of A29, with the adjoining land to the southwest and north of Newbridge Road not in use (grassland).

The land at Billingshurst Football Club and Skatepark is occupied by various sport pitches (football and cricked), skatepark and public open space (walking track) and associated car parking area and changing room facilities. A substation is located adjacent to the car parking and changing room facilities. Access into the Billingshurst Football Club and Skatepark is from the A272 (Platts Roundabout), from the south. Billingshurst Recycling Centre (outside the site boundary) and a fishing pond are also located adjacent (to the west) to the access road into the Football Club car parking area. A well is noted to be present between the fishing pond and the Recycling Centre.

The A272 forms the south-eastern boundary for much of the site, beyond which Billingshurst Centre is situated. Agricultural land and small woodland areas are located to the north and west of the site. The land west of Stane Street (opposite Billingshurst Trade Park) is in agricultural use with the land to the north and east of the site also in agricultural use with some areas of woodland (immediate west). A small business park with a residential dwelling is located, as an enclave, along Stane Street further north. The site is also bounded by several farms.

The topography of the site locally varies with hills and valleys but generally falls from approximately 52m AOD in the northeast to approximately 8.0m AOD in the southwest.

Overhead power lines cross several areas of the site and a culverted watercourse crosses part of the central area of the site.

2.2 SITE HISTORY

Historical map extracts reviewed (1870-2025) indicate that there has been little development on-site.

A group of farm building were evident in the southwest of the site from the earliest available map extracts, with some amendments to the layout, including a tank, between the 1950s and 1970s. By 1984, these farm buildings had been demolished and the building currently occupied by Crawfords Group (agricultural equipment sales) was constructed adjacent to the south of where the farm buildings had been. The area of the former farm buildings was subsequently returned to agricultural use.

Areas of the current agricultural field in the west of the site (north and northeast of the Crawfords Group building) were shown to be covered by woodland until the map extracts from the 1970s and 1980s, when the trees appear to have been removed.

A well has been present in the central eastern area of the site, between the current Recycling centre and the fish pond, since at least 1876 and was associated with Weavers Cottage, with the cottage no longer shown from the 1930s maps onwards. The well remains to the present day.

The fish pond, just to the north of the well and between the football ground and the Recycling Centre, appears to have been constructed between 2005 and 2010.

The car park for the football ground appears to be evidence on aerial imagery from 1999 with indications of the football pitch also being present. However, these do not appear on the Ordnance Survey Maps until 2010.

The Recycling Centre, adjacent to the site, appears to have been constructed between 1999 and 2005.

A section of a watercourse across the central area of the site appears to have been culverted between 1999 and 2005. The recent topographical survey shows a series of manhole covers in the field, along the line of the culvert.

2.3 DOCUMENTATED GROUND CONDITIONS

Ground conditions recorded in readily available sources are summarised below.

2.3.1. Geology

Reference to the British Geological Survey (BGS) Map extracts (see Appendix 2) indicates the majority of site/area to directly overlie the bedrock geology of the Weald Clay Formation (mudstone and sandstone). The western most areas of the site is shown to overlie superficial Alluvial Deposits (clay, silt, sand and gravel) and Arun Terrace Deposits (sand and gravel) over the Weald Clay Formation (mudstone and sandstone).

Recent targeted ground investigation works, comprising the installing of groundwater monitoring wells (10no.) across the site, confirms the underlying geology, comprising Topsoil over Weald Clay Formation, mainly clay soils with some localised sand bands.

2.3.2. Hydrogeology

The Environment Agency Groundwater Vulnerability Map extracts (see Appendix 2) indicate areas of the site to be underlain by Secondary A Aquifers, interpreted as the Alluvial Deposits and Arun Terrace Deposits (western parts) and also the Weald Clay Formation (sandstone). The Weald Clay Formation (mudstone) is identified as an Unproductive Stratum.

Secondary A Aquifers are 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.

Unproductive Strata are layers of deposits with low permeability that have negligible significance for water supply or river base flow.

The site is not located within Groundwater Source Protection Zone.

A well has been located in the centre east of the site, between the fish pond and the Recycling Centre from at least the late 1800s and remains to the present day. While the maps indicate this well to over an Unproductive Stratum, it is assumed that the well must tap into a Secondary A Aquifer at depth.

2.3.3. Hydrology

Numerous drainage ditches are crossing and adjoining the various land parcels. The River Arun is located to the west of the site. Most of the drainage ditches and watercourses crossing and adjoining the site are part of the Arun catchment.

A ditch that runs between the Recycling Centre and the western area of the site flows into a culvert that crosses an agricultural field in the west of the site, before joining an open ditch that bisects the field, flowing broadly from east to west. The culvert is punctuated with a series of manhole covers across the field.

Numerous surface water abstractions are located along the Arun for irrigation.

A fishing pond is located adjacent to the Billingshurst Football Club and Skatepark

2.3.4. Radon

Radon is a naturally occurring radioactive gas which may be harmful to human health. Radon is generally released into the atmosphere in areas underlain by granite and limestone. Harmful concentrations of radon may build up if it becomes trapped in an enclosed space such as a building. BGS/Public Health England data presented within the Groundsure Report indicates that the percentage of houses exceeding the Action Levels for Radon is less than 1%. Therefore, the property is not in a Radon Affected Area, as defined by the Health Protection Agency (HPA), and radon protection measures are not necessary in new buildings.

2.4 ENVIRONMENTAL DATA SEARCH

A search of an environmental database was undertaken together with information from various other organisations as part of the desk study and is summarised in the following sections. The following summary is generally limited to locations within 250m of the site boundaries unless it is considered that installations or activities beyond that range could potentially have an impact on the site or be affected by the redevelopment of the site.

Table 2.1. Data search results

Discharge consents	There 1no recorded active discharge consent on the site, which relates to treated sewage discharge to Cedar Brook. Several off-site active discharge consents area also present in the vicinity of the site, all relating to treated sewage effluent and surface water discharges to watercourses.
Pollution incidents	There are 2no. recorded pollution incidents in the vicinity of the site. 05/04/2002, pollutant was Agricultural Materials and Wastes and there was no impact (Cat 4) to land, air and water. 03/07/2002, pollutant was crude sewage and there was no impact (Cat 4) to land and air and a minor impact (Cat 3) to water.
Water abstractions	There is 1no. recorded active surface water abstraction on site and several in the vicinity of the site. Located at Steele Farm and used for spray irrigation

Fuel Stations	A service/fuel station is located at Platts Roundabout, adjacent to the east of the site. This services station has been recently constructed.
Landfill Sites	There are no landfill sites (historic & current) within 250m of the site.
Environmental Designations	A Site of Special Scientific Interest (SSSI) and two designated Ancient Woodlands are located within 50m of the site. The SSSI relates to the River Arun.

2.5 MINING AND NATURAL GROUND HAZARDS

2.5.1. Mining

The site is located in an area where underground mine workings for Iron Ore may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

2.5.2. Natural Ground Hazards

The following ground hazards were identified:

Compressible ground stability hazards – Negligible to Moderate hazard

BGS Notes: Compressible strata are not thought to occur across the majority of the site.

Collapsible ground stability hazards – Very Low hazard

BGS Notes: Deposits with potential to collapse when loaded and saturated are unlikely to be present. However, compressibility and uneven settlement hazards are probably present in the far west of the site, associated with the superficial deposits. Land use should consider specifically the compressibility and variability of the site.

Ground dissolution stability hazards – Negligible hazard

BGS Notes: Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

Landslide ground stability hazard – Very Low hazard

BGS Notes: Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Shrinking or swelling clay ground stability hazard – Negligible hazard

BGS Notes: Ground conditions predominantly non-plastic.

Running sand ground stability hazards – Negligible to Low hazard

BGS Notes: Running sand conditions are not thought to occur whatever the position of the water table across the majority of the site. No identified constraints on lands use due to running conditions. Running sand conditions may be present in the far west of the site, associated with the superficial deposits. Constraints may apply to land uses involving excavation or the addition or removal of water.

2.6 DEPARTMENT OF ENVIRONMENT – INDUSTRY PROFILES

The Department of the Environment Industry Profiles do not cover the previous or existing site uses.

2.7 UNEXPLODED ORDNANCE

A Zetica UXO Unexploded Bomb (UXB) Risk Map was obtained for the site and is presented in Appendix 2. This map indicates the site to be of low risk of potential UXBs to be present following World War Two (WWII) bombing, due to the sites location within an area of low density bombing. Zetica UXO typically recommend that a Preliminary UXO risk assessment is undertaken for sites in an area with a low bombing density. If both the map and other research confirm that there is a low potential for UXO to be present on the site, then, subject to the developer's own comfort and risk tolerance, Zetica UXO indicate that works can proceed with no special precautions.

2.8 REGULATOR CONSULTATION

A request for information was submitted to Horsham District Council for any records they hold that may be relevant to the assessment of contamination on the site.

A response was received on the 26th February, which states that a Contaminated Land Notice has not been issued for the site and no consultations have been undertaken with regard to the Environmental Protection Act 1990 in relation to the site.

The site is not located in a Radon Affected Area.

3. CONCEPTUAL SITE MODEL

3.1 SOURCES

The conceptual model, based on information obtained as part of the preliminary risk assessment, identified the following potential contaminant sources:

- Potential for localised reduced quality Made Ground to be present in vicinity of the former farm buildings, access tracks, field access points and former residential properties, including asbestos, from the demolition of the former buildings and use of the site as a farm. Due to the age of the former structures, there is a significant potential for asbestos to be present.
- Potential for ground gas generation from localised potential Made Ground, particularly in the vicinity of the former farm buildings.
- Potential for PCBs, heavy metals and mineral oils from transformer oil from the electrical substation in the centre east of the site.

It should be noted that additional sources of contamination may become apparent during any future investigation and development of the site.

3.2 PATHWAYS

The key environmental pathways and exposure routes by which potentially toxic substances can reach the identified potential receptors are considered to be:

- Inhalation of gas and vapours
- Inhalation of dust
- Direct contact
- Ingestion
- Vertical and lateral migration
- Build up of gases in enclosed spaces

3.3 RECEPTORS

Receptors that may be affected by the potential contamination are:

- Future site users
- Buildings
- Potable water pipework

- Secondary A Aquifer
- Watercourses on and adjacent to the site

Construction workers have been excluded from this assessment on the basis that they are subject to health and safety at work regulations and are expected to use appropriate personal protective equipment (PPE) and be suitably aware of risks of accumulation of gases in confined spaces.

4. RISK ASSESSMENT

4.1 RISK ASSESSMENT PROCEDURE

By considering the sources, pathways and receptors (pollutant linkages), an assessment of the human health/ environmental risks is made with reference to the significance and degree of the risk. This assessment is based on consideration of whether the source contamination can reach a receptor and hence whether it is of major or minor significance.

The risk assessment has been undertaken with reference to BS10175 and CIRIA Document C552: Contaminated Land Risk assessment 'A Guide to Good Practice'. The risk assessment has been carried out by assessing the severity of the potential consequence, taking into account both the potential magnitude of the hazard and the sensitivity of the target, based on the categories given overleaf.

Table 4.1. Sensitivity of receptor

Category	Examples
High	Residential with gardens/Groundwater Source Protection Zone
Medium	Residential without gardens/Principal (Major) Aquifer/sensitive watercourse
Low	Commercial and industrial use/Secondary (Minor) Aquifer
Very Low	Construction and maintenance workers/non-sensitive watercourse

Table 4.2. Magnitude of impact

Category	Examples
Gross Impact	Heavily contaminated gasworks or industrial site, hazardous waste landfill
Moderate Impact	Major leaks and spills from fuel infrastructure (e.g. petrol stations), domestic waste landfill
Slight Impact	Minor leaks and spills from fuel infrastructure, 'inert' waste landfills
No Impact	No identified or suspected contamination

Table 4.3. Level of severity for potential hazard

	Sensitivity of receptor			
Magnitude of Impact	High	Medium	Low	Very Low
Gross Impact	Severe	Medium	Mild	Minor
Moderate Impact	Medium	Mild	Minor	Minor
Slight Impact	Mild	Minor	Minor	Minor
No Impact	Minor	Minor	Minor	Minor

The likelihood of an event (probability) takes into account both the presence of the hazard and target and the integrity of the pathway and has been assessed based on the categories given below.

Table 4.4. Probability of risk definition

Category	Definition
High likelihood	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
Low likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

The potential severity of the risk and the probability of the risk occurring have been combined in accordance with the following matrix in order to give a level of risk for each potential hazard.

Table 4.5. Level of risk for potential hazard definition

Probability of risk	Potential severity			
	Severe	Medium	Mild	Minor
High Likelihood	Very high	High	Moderate	Low/ Moderate
Likely	High	Moderate	Low/ Moderate	Low
Low likelihood	Moderate	Low/ Moderate	Low	Very low
Unlikely	Low/ Moderate	Low	Very low	Very low

The assessment is discussed below in terms of plausible pollutant linkages. A complete assessment of the pollutant linkages is presented in Table 4.6 overleaf.

A description of these risk classifications and likely action required are given in CIRIA 552 as:

Very high risk – High probability that severe harm could arise to a designated receptor from an identified hazard OR there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in substantial liability. Urgent investigation and remediation are likely to be required.

High risk – Harm is likely to arise to a designated receptor from an identified hazard. This risk, if realised, is likely to result in substantial liability. Urgent investigation is required and remedial works may be necessary in the short term and are likely over the long term.

Moderate risk – It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation is normally required to clarify risks and to determine potential liability. Some remedial works may be required in the long term.

Low risk – It is possible that harm could arise to a designated receptor from an identified hazard but it is likely that this harm, if realised, would at worst normally be mild.

Very low risk – It is a low possibility that harm could arise to a designated receptor. In the event of such harm being realised it is not likely to be severe.

4.2 POLLUTANT LINKAGE ASSESSMENT

The following assessment is based on the proposed end use scenario.

Table 4.6. Pollutant Linkage Assessment

Source	Pathway	Receptor	Severity	Likelihood	Risk Level
Potential for localised asbestos containing materials and fibres in on-site Made Ground	Inhalation	Future Users	Medium	Low Likelihood	Low/ Moderate
Potential for localised reduced quality Made Ground (ex. asbestos)	Direct contact Ingestion Inhalation	Future Users	Mild	Low Likelihood	Low
	Vertical migration	Secondary A Aquifer	Minor	Unlikely	Very Low

Source	Pathway	Receptor	Severity	Likelihood	Risk Level
	Run off or lateral migration	Water courses	Minor	Unlikely	Very Low
Potential for PCBs, heavy metals and mineral oils from transformer oil from the electrical substation	Direct contact Ingestion Inhalation	Future Users	Mild	Low Likelihood	Low
	Vertical migration	Secondary A Aquifer	Minor	Unlikely	Very Low
	Run off or lateral migration	Water courses	Minor	Low Likelihood	Very Low
	Direct contact	Potable Pipework	Mild	Low Likelihood	Low
Potential generation of ground gases	Migration and build up in enclosed spaces	Future Users	Mild	Low Likelihood	Low
		Buildings	Minor	Low Likelihood	Very Low

4.2.1. Asbestos in Soil

As previous buildings present on site were constructed during the period when asbestos was a common component of building materials, there is a potential that asbestos containing materials are present within the Made Ground. While this is not likely to be an issue across the majority of the site, it is a potential risk in localised areas of the site, particularly where former buildings have been present and where demolition materials may have been placed on or in the ground to locally improve ground stability at heavily trafficked points, such as field accesses.

The main exposure pathway would be in any areas of soft landscaping or unsurfaced areas. It is understood the subject site is to comprise residential properties with a combination of gardens and no gardens, commercial areas and infrastructure and open space. The risk of exposure has therefore been assessed to be low/moderate due to the potential high sensitivity of the proposed end use but considering that any asbestos containing material potentially present is likely to be partially bound in the soil matrix and is likely to be localised, if present. Ground truthing across the subject site area is recommended and should include geo-environmental sampling, testing and assessment.

4.2.2. Reduced Quantity Made Ground

Due to the former farm uses of the site, Made Ground is locally anticipated beneath the site and potentially contains a variety of organic and inorganic contaminants, in addition to the asbestos discussed above. The most likely locations for such Made Ground to be present are in the area of the former farm building in the southwest of the site, adjacent to the north of the Crawfords Group building, and between the Recycling Centre and fish pond, where previous buildings had been located, although other localised Made Ground deposits could be encountered.

Given the high sensitivity of the proposed end use and in consideration of potentially localised nature of the impact, the risks to the health of the future users are considered to be low. A very low risk to controlled waters is considered to be posed by this source. Ground truthing across the subject site area is recommended and should include geo-environmental sampling, testing and assessment.

4.2.3. Electrical sub-station

The electrical sub-station in the east of the study site has been considered as a potential source of contamination as a sub-station has been present at this location since between 1999 and 2005. It is therefore unlikely for PCBs to be present in the transformer oil as PCBs were phased out in the 1970s. The potential, however, does exist for leaked transformer oil to contain heavy metals and aliphatic and aromatic hydrocarbons. However, a sub-station is proposed to remain at this location so access and exposure will remain limited.

Transformer oil comprises long chain, low mobility, low volatility hydrocarbon fractions and the viscosity of the oil tends to increase with age. In general, these fractions tend to be less toxic than lighter fractions and less prone to migration in soil. The concrete base of the sub-station is also likely limit the migration of transformer oils that may have leaked from the sub-station. In addition, quantities of leaked oil are likely to be limited unless a catastrophic failure of the transformer has occurred.

Contaminant concentrations that may present a risk to human health are therefore only potentially present in close proximity to or beneath the sub-station and the risk of significant exposure to future site users is therefore considered to be very low.

Due to the relatively low mobility and limited quantities of the transformer oil that may have leaked from the sub-station over the years, the migration of mineral oil contamination and associated heavy metal contamination is likely to be limited.

The risk of significant quantities of leaked transformer oil migrating to the underlying Secondary A Aquifer or running off to surface water courses has been assessed to be very low.

From a practical perspective, with the sub-station remaining, investigating in close enough proximity to a substation to be relevant, presents significant health and safety risks that are not justified by the potential contamination risks. Furthermore, in the event that sampling could be achieved in close proximity to the sub-station, remediation of any impact would be impractical, dangerous and costly and would not meet the criteria for sustainable remediation.

Further investigation and assessment of the sub-station is therefore not considered appropriate at this stage but should be considered if the sub-station is removed in the future.

4.2.4. Potential for Ground Gas

Although no specific evidence of thick Made Ground deposits have been identified on the site, the potential exists for such deposits to be present in localised areas of the site. The potential exists for the generation of ground gas from organic matter in such Made Ground deposits. No potential on or off-site landfills have been identified in the vicinity of the site.

Whilst potential risks to future users have been assessed to be low, ground truthing is recommended and assessment of gas risk should be included in subsequent phases of assessment.

5. CONCLUSIONS AND RECOMMENDATIONS

The following potential sources of contamination were identified in relation to the proposed public open space end use:

- Potential for localised reduced quality Made Ground to be present in vicinity of the former farm buildings, access tracks, field access points and former residential properties, including asbestos, from the demolition of the former buildings and use of the site as a farm. Due to the age of the former structures, there is a significant potential for asbestos to be present.
- Potential for ground gas generation from localised potential Made Ground, particularly in the vicinity of the former farm buildings.
- Potential for PCBs, heavy metals and mineral oils from transformer oil from the electrical substation in the centre east of the site.

It should be noted that additional sources of contamination may become apparent during any future investigation and development of the site.

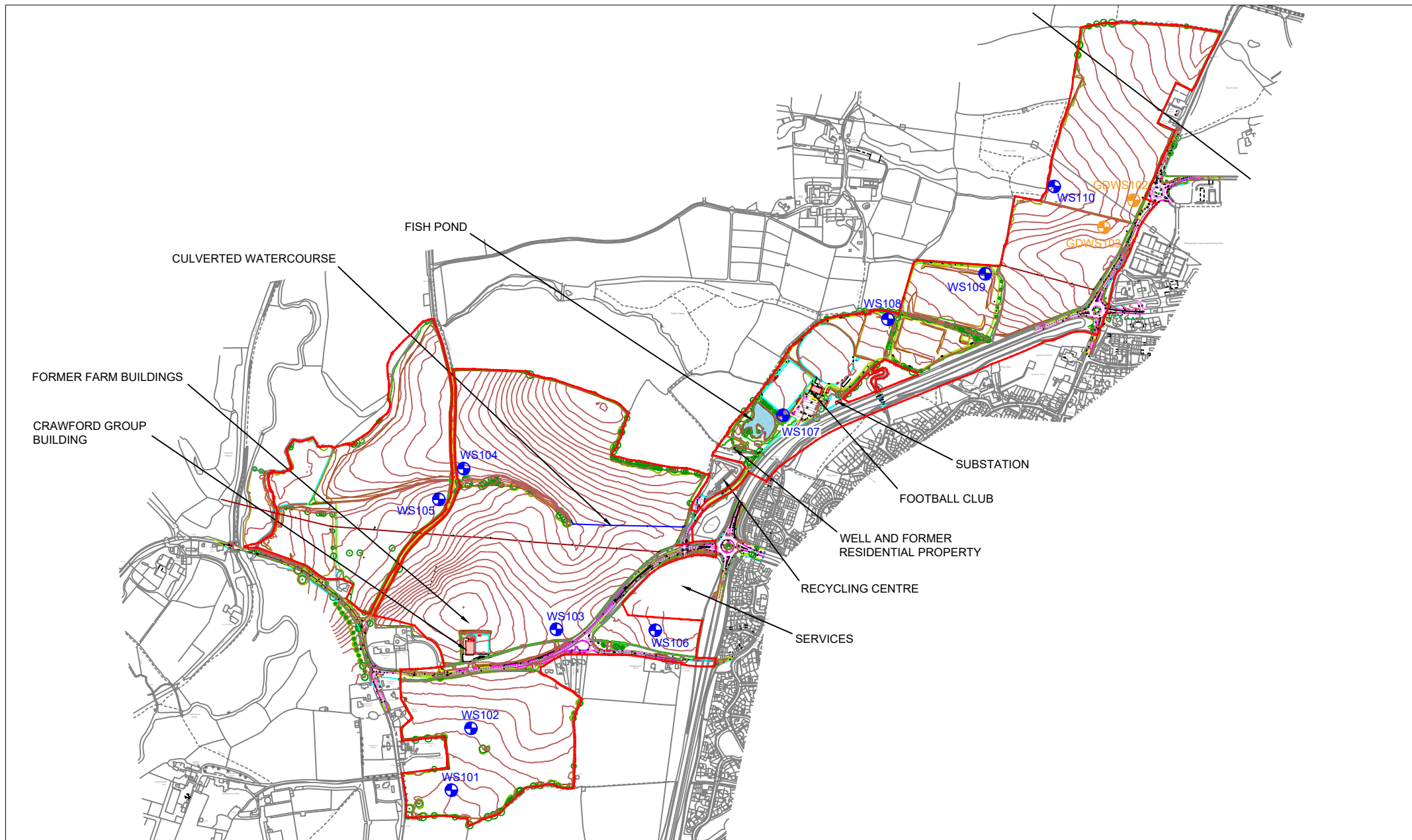
The risks to the health of future site users from contamination, in the context of the proposed utility redevelopment of the site, have been assessed to be **very low to low/moderate**.

The proposed development of the site is to include residential properties both with and without garden areas, public open space associated infrastructure and areas of commercial use.

It is considered that intrusive investigation will be required to allow development of the ground model and geotechnical assessment and it is therefore recommended that geo-environmental assessment is included in the scope of intrusive investigation to allow robust assessment of the risks to identified receptors and consideration of health and safety risks assessments for construction workers.

While construction workers have been excluded from this assessment on the basis that they are subject to health and safety at work regulations and are expected to use appropriate personal protective equipment (PPE), any ground works contractors working on the site, including installing new underground services, should be made aware of the potential for contamination to be present within the ground underlying the site surfacing.

FIGURE 1: EXISTING LAYOUT PLAN



Ground Condition Consultants Ltd
 10 Waldegrave Close Southampton SO19 9RY
 Telephone 07971 450113
 ask@groundcc.co.uk www.groundcc.co.uk

client
HIGHWOOD

project
BILLINGSHURST

title
SITE INVESTIGATION PLAN

scale **NTS** | drawn by **DP** | checked by **RP**

date **12 JAN 2026** | cad file **J25-007**

drawing number **FIGURE 1** | rev. **1**

APPENDIX 1: REPORT CONDITIONS

This report is produced solely for the benefit of **Highwood Homes Limited** and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report refers, within the limitations stated, to the condition of the Site at the time of the inspections. No warranty is given as to the possibility of future changes in the condition of the Site.

This report is based on a visual Site inspection, study of readily accessible referenced historical records, information supplied by those parties noted in the text and preliminary discussions with local and Statutory Authorities. Some of the opinions are based on unconfirmed data and information and are presented in good faith without exhaustive clarification. Where ground contamination is suspected but no physical Site test results are available to confirm this, the report must be regarded as initial advice only, and further assessment should be undertaken prior to detailed activities related to the Site. Where test results undertaken by others have been made available these can only be regarded as a limited sample. The possibility of the presence of contaminants, not revealed by this research cannot be discounted.

Whilst confident in the findings detailed within this report because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categorical assurances that they will be accepted by Authorities or Funds etc. without question, as such bodies may have unpublished, often more stringent objectives. This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to Ground Condition Consultants Ltd. In time improved practices or amended legislation may necessitate a re-assessment.

The report is necessarily limited to those aspects of land contamination specifically reported on and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents that may occur. The opinions expressed cannot be absolute due to the limitations of time and resources within the context of the agreed brief and the possibility of unrecorded previous use and abuse of the Site and adjacent Sites. The report concentrates on the Site as defined in the report and provides an opinion on surrounding Sites. If migrating pollution or contamination (past or present) exists this can only practically be better assessed following extensive on and off Site intrusive investigations and monitoring.

APPENDIX 2: GROUNDSURE REPORT & ZETICA UXO RISK MAP

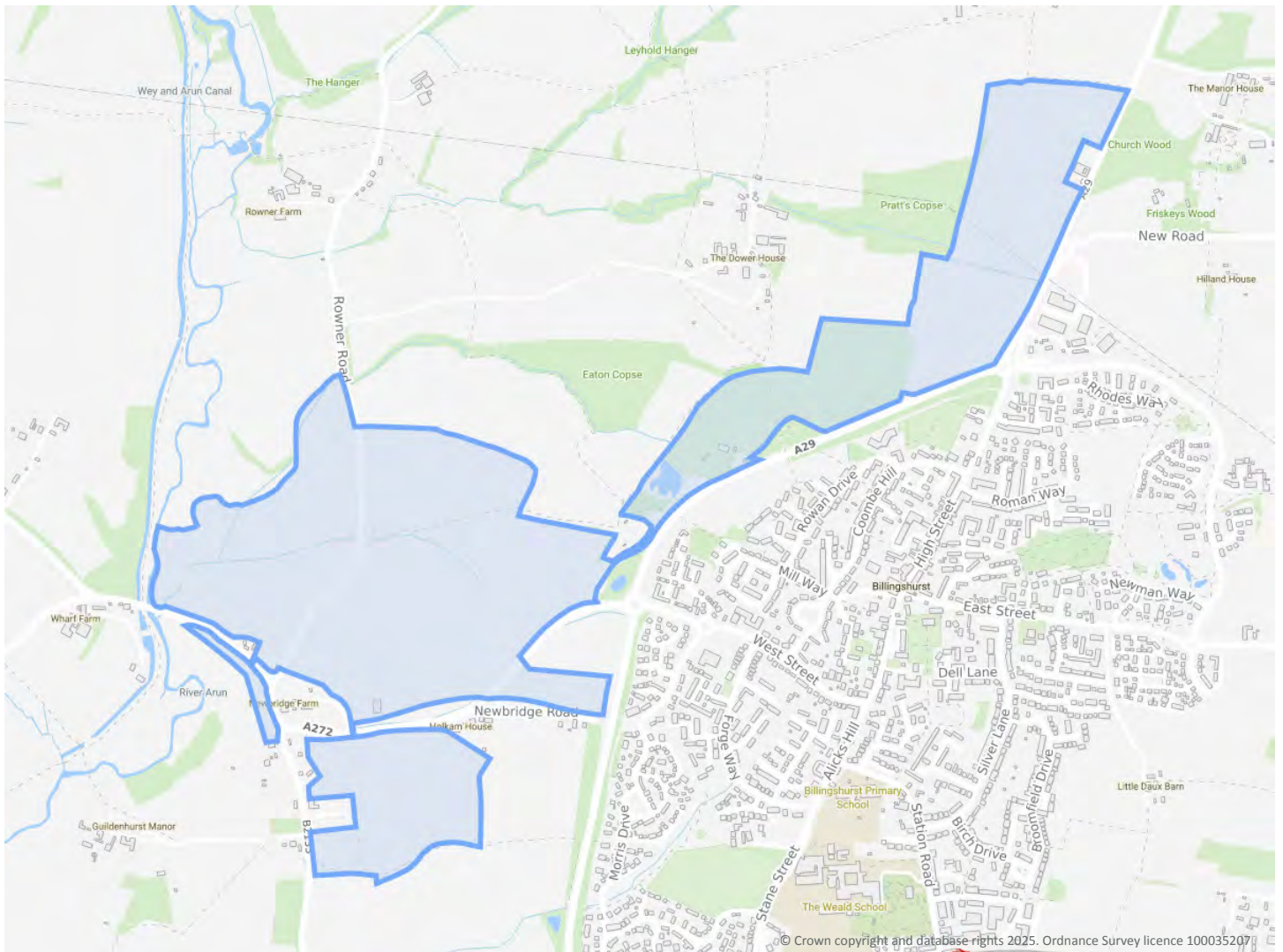
Billingshurst

Order Details

Date: 05/02/2025
Your ref: J25-007 - Billingshurst
Our Ref: GS-LXT-Q8L-I4T-HN2

Site Details

Location: 507864 126190
Area: 99.59 ha
Authority: [Chichester District Council](#) ↗, [Horsham District Council](#) ↗



Summary of findings

[p. 2 >](#) **Aerial image**

[p. 9 >](#)

OS MasterMap site plan

N/A: >10ha [Insight User Guide](#) ↗

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	0	4	12	12	-
16 >	1.2 >	Historical tanks >	1	0	6	14	-
17 >	1.3 >	Historical energy features >	0	0	3	10	-
17	1.4	Historical petrol stations	0	0	0	0	-
18 >	1.5 >	Historical garages >	0	0	2	4	-
18	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
19 >	2.1 >	Historical industrial land uses >	0	5	16	16	-
21 >	2.2 >	Historical tanks >	1	0	9	19	-
22 >	2.3 >	Historical energy features >	0	0	4	19	-
23	2.4	Historical petrol stations	0	0	0	0	-
24 >	2.5 >	Historical garages >	0	0	2	5	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
25	3.1	Active or recent landfill	0	0	0	0	-
25	3.2	Historical landfill (BGS records)	0	0	0	0	-
26	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
26	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
26 >	3.5 >	Historical waste sites >	0	1	0	0	-
27 >	3.6 >	Licensed waste sites >	0	3	2	0	-
29 >	3.7 >	Waste exemptions >	1	0	17	44	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
34 >	4.1 >	Recent industrial land uses >	2	2	20	-	-
36 >	4.2 >	Current or recent petrol stations >	0	0	1	1	-
36	4.3	Electricity cables	0	0	0	0	-
36	4.4	Gas pipelines	0	0	0	0	-
37	4.5	Sites determined as Contaminated Land	0	0	0	0	-



37	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
37	4.7	Regulated explosive sites	0	0	0	0	-
37	4.8	Hazardous substance storage/usage	0	0	0	0	-
37	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
38	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
38 >	4.11 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	0	1	-
38	4.12	Radioactive Substance Authorisations	0	0	0	0	-
38 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	6	6	10	19	-
45	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
45	4.15	Pollutant release to public sewer	0	0	0	0	-
45	4.16	List 1 Dangerous Substances	0	0	0	0	-
45	4.17	List 2 Dangerous Substances	0	0	0	0	-
45 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	2	1	-
46	4.19	Pollution inventory substances	0	0	0	0	-
46	4.20	Pollution inventory waste transfers	0	0	0	0	-
46	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
48 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
50 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
52 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
61	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
61	5.5	Groundwater vulnerability- local information	None (within 0m)				
62	5.6	Groundwater abstractions	0	0	0	0	0
63 >	5.7 >	<u>Surface water abstractions ></u>	0	3	2	4	4
66	5.8	Potable abstractions	0	0	0	0	0
66	5.9	Source Protection Zones	0	0	0	0	-
66	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
67 >	6.1 >	<u>Water Network (OS MasterMap) ></u>	21	20	14	-	-



72 >	6.2 >	Surface water features >	1	12	7	-	-
72 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
73 >	6.4 >	WFD Surface water bodies >	1	1	0	-	-
73	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
74 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
75 >	7.2 >	Historical Flood Events >	2	0	11	-	-
76	7.3	Flood Defences	0	0	0	-	-
76	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
76	7.5	Flood Storage Areas	0	0	0	-	-
77 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
78 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
79 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
81 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
82 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	1	0	0	1
83	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
83	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
83	10.4	Special Protection Areas (SPA)	0	0	0	0	0
83	10.5	National Nature Reserves (NNR)	0	0	0	0	0
84	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
84 >	10.7 >	Designated Ancient Woodland >	0	2	4	0	42
86	10.8	Biosphere Reserves	0	0	0	0	0
86	10.9	Forest Parks	0	0	0	0	0
86	10.10	Marine Conservation Zones	0	0	0	0	0
86	10.11	Green Belt	0	0	0	0	0
87	10.12	Proposed Ramsar sites	0	0	0	0	0



87	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
87	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
87	10.15	Nitrate Sensitive Areas	0	0	0	0	0
88 >	10.16 >	Nitrate Vulnerable Zones >	2	0	0	0	0
89 >	10.17 >	SSSI Impact Risk Zones >	7	-	-	-	-
93 >	10.18 >	SSSI Units >	0	1	0	0	2
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
95	11.1	World Heritage Sites	0	0	0	-	-
96	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
96	11.3	National Parks	0	0	0	-	-
96 >	11.4 >	Listed Buildings >	0	6	5	-	-
97 >	11.5 >	Conservation Areas >	0	0	1	-	-
97	11.6	Scheduled Ancient Monuments	0	0	0	-	-
98	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
99 >	12.1 >	Agricultural Land Classification >	Grade 2 (within 250m)				
101	12.2	Open Access Land	0	0	0	-	-
101	12.3	Tree Felling Licences	0	0	0	-	-
101 >	12.4 >	Environmental Stewardship Schemes >	0	0	5	-	-
102 >	12.5 >	Countryside Stewardship Schemes >	0	0	3	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
103 >	13.1 >	Priority Habitat Inventory >	6	11	19	-	-
105	13.2	Habitat Networks	0	0	0	-	-
105	13.3	Open Mosaic Habitat	0	0	0	-	-
105	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
106 >	14.1 >	10k Availability >	Identified (within 500m)				
107	14.2	Artificial and made ground (10k)	0	0	0	0	-
108 >	14.3 >	Superficial geology (10k) >	3	2	1	9	-

109	14.4	Landslip (10k)	0	0	0	0	-
110 >	14.5 >	Bedrock geology (10k) >	8	2	3	5	-
111 >	14.6 >	Bedrock faults and other linear features (10k) >	0	1	0	3	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
112 >	15.1 >	50k Availability >	Identified (within 500m)				
113	15.2	Artificial and made ground (50k)	0	0	0	0	-
113	15.3	Artificial ground permeability (50k)	0	0	-	-	-
114 >	15.4 >	Superficial geology (50k) >	3	1	2	7	-
115 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
115	15.6	Landslip (50k)	0	0	0	0	-
116	15.7	Landslip permeability (50k)	None (within 50m)				
117 >	15.8 >	Bedrock geology (50k) >	8	0	2	3	-
118 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
119 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	1	2	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
120 >	16.1 >	BGS Boreholes >	2	3	0	-	-
Page	Section	Natural ground subsidence >					
122 >	17.1 >	Shrink swell clays >	Low (within 50m)				
124 >	17.2 >	Running sands >	Low (within 50m)				
126 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
128 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
130 >	17.5 >	Landslides >	Low (within 50m)				
132 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
134	18.1	BritPits	0	0	0	0	-
135 >	18.2 >	Surface ground workings >	3	12	6	-	-
136	18.3	Underground workings	0	0	0	0	0
136	18.4	Underground mining extents	0	0	0	0	-
136	18.5	Historical Mineral Planning Areas	0	0	0	0	-



136 >	18.6 >	Non-coal mining >	1	0	0	1	1
137	18.7	JPB mining areas	None (within 0m)				
137	18.8	The Coal Authority non-coal mining	0	0	0	0	-
137	18.9	Researched mining	0	0	0	0	-
138	18.10	Mining record office plans	0	0	0	0	-
138	18.11	BGS mine plans	0	0	0	0	-
138	18.12	Coal mining	None (within 0m)				
138	18.13	Brine areas	None (within 0m)				
138	18.14	Gypsum areas	None (within 0m)				
139	18.15	Tin mining	None (within 0m)				
139	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
140	19.1	Natural cavities	0	0	0	0	-
140	19.2	Mining cavities	0	0	0	0	0
140	19.3	Reported recent incidents	0	0	0	0	-
140	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
142 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
144 >	21.1 >	BGS Estimated Background Soil Chemistry >	55	18	-	-	-
148	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
148	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
149	22.1	Underground railways (London)	0	0	0	-	-
149	22.2	Underground railways (Non-London)	0	0	0	-	-
149	22.3	Railway tunnels	0	0	0	-	-
149	22.4	Historical railway and tunnel features	0	0	0	-	-
149	22.5	Royal Mail tunnels	0	0	0	-	-
150	22.6	Historical railways	0	0	0	-	-

150	22.7	Railways	0	0	0	-	-
150	22.8	Crossrail 2	0	0	0	0	-
150	22.9	HS2	0	0	0	0	-

Recent aerial photograph



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Capture Date: 24/04/2021

Site Area: 99.59ha



Recent site history - 2018 aerial photograph



Capture Date: 14/05/2018

Site Area: 99.59ha



Recent site history - 2013 aerial photograph



Capture Date: 03/05/2013

Site Area: 99.59ha



Recent site history - 2005 aerial photograph



Capture Date: 17/04/2005

Site Area: 99.59ha



Recent site history - 1999 aerial photograph



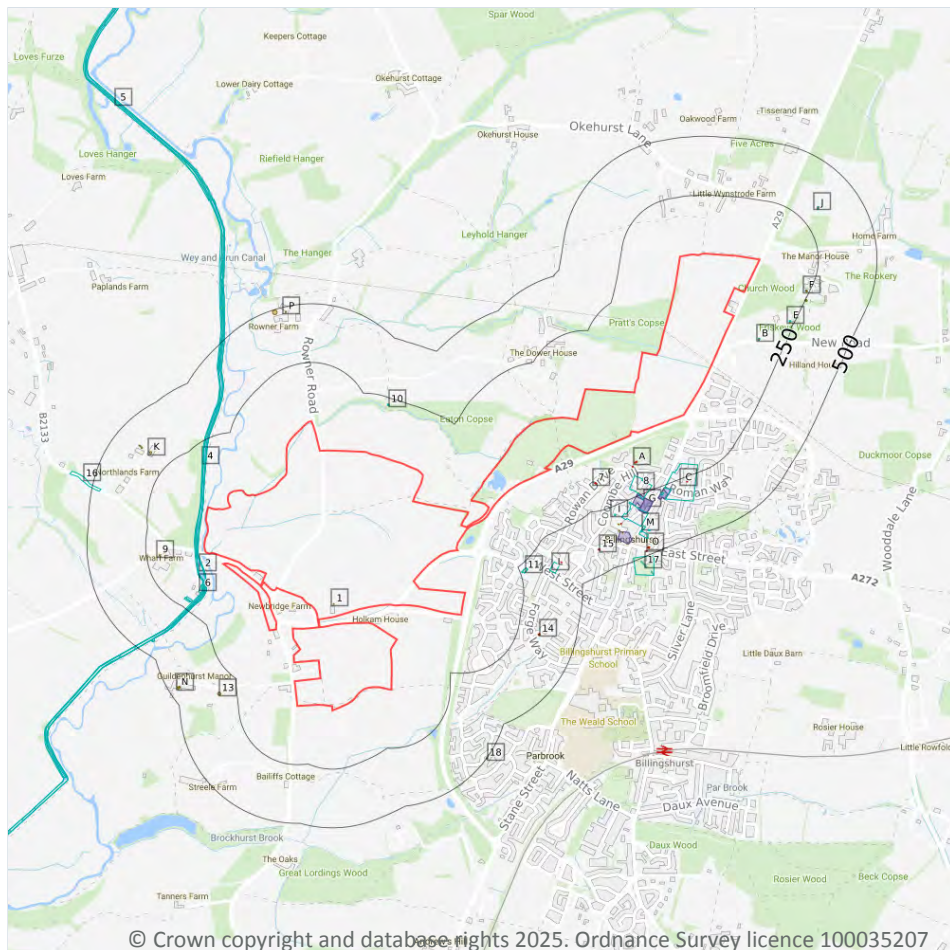
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2025. All Rights Reserved.

Capture Date: 29/08/1999

Site Area: 99.59ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

28

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 14](#) >

ID	Location	Land use	Dates present	Group ID
2	20m W	Disused Canal	1973	2203985



ID	Location	Land use	Dates present	Group ID
3	20m W	Disused Canal	1947	2203833
4	20m W	Disused Canal	1895 - 1914	2313182
5	22m W	Old Canal	1956	2188650
6	122m W	Unspecified Wharf	1876	2189953
B	137m NE	Unspecified Tank	1956	2306765
B	138m NE	Unspecified Tank	1913	2255120
8	165m E	Nursery	1876	2275964
C	190m E	Nursery	1973	2180457
D	204m SW	Lime Kilns	1876	2166538
D	211m W	Old Lime Kilns	1896	2171921
10	218m NW	Boat House	1909	2172850
E	228m NE	Unspecified Tank	1956	2191303
E	231m NE	Unspecified Tank	1913	2311756
F	232m NE	Unspecified Tank	1913	2278980
F	249m NE	Unspecified Tank	1913	2191301
11	256m SE	Smithy	1909 - 1947	2269078
12	260m E	Brewery	1896 - 1909	2246389
H	274m E	Rope Walk	1896 - 1909	2274947
I	283m E	Unspecified Tank	1909	2193581
J	326m NE	Unspecified Tank	1913	2239679
J	332m NE	Unspecified Tank	1956	2191302
L	346m SE	Fire Station	1973	2167614
M	376m E	Smithy	1909	2240819
M	391m E	Smithy	1876	2260934
M	400m E	Smithy	1896	2181524
16	461m W	Cuttings	1876	2323629
17	486m E	Grave Yard	1876	2166249

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

21

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 14](#) >

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Tank	1971	395097
B	140m NE	Unspecified Tank	1911	394016
9	193m W	Unspecified Tank	1971	395096
E	233m NE	Unspecified Tank	1897 - 1911	414486
F	235m NE	Unspecified Tank	1911	394015
F	238m NE	Unspecified Tank	1972 - 1996	406799
F	249m NE	Unspecified Tank	1911 - 1972	418991
F	252m NE	Unspecified Tank	1996	422191
13	319m SW	Unspecified Tank	1996	395089
I	327m E	Unspecified Tank	1912	395093
J	331m NE	Unspecified Tank	1897 - 1911	420138
K	333m W	Unspecified Tank	1972	393986
I	354m E	Unspecified Tank	1912	395100
I	367m E	Unspecified Tank	1912	395101
K	377m W	Unspecified Tank	1912 - 1938	398325
K	388m W	Tanks	1972	379824
N	450m SW	Tanks	1911 - 1939	398685
N	451m SW	Tanks	1971	403655
P	475m NW	Unspecified Tank	1897	394008
P	479m NW	Unspecified Tank	1996	393984
18	498m S	Unspecified Tank	1876 - 1897	428041



This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	13
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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 14 >](#)

ID	Location	Land use	Dates present	Group ID
A	112m E	Electricity Substation	1996	267042
A	124m E	Electricity Substation	1991	272245
7	128m E	Electricity Substation	1991 - 1996	322405
C	268m E	Electricity Substation	1991 - 1996	308205
I	330m E	Electricity Substation	1996	267043
14	338m SE	Electricity Substation	1979 - 1991	313139
L	367m SE	Electricity Substation	1979	296157
L	367m SE	Electricity Substation	1984 - 1991	302083
L	369m SE	Electricity Substation	1972	306451
L	369m SE	Electricity Substation	1981	317047
15	396m E	Electricity Substation	1991	272242
O	467m E	Electricity Substation	1984 - 1991	300726
O	477m E	Electricity Substation	1981	271020

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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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 un-



grouped 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

6

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 14](#) >

ID	Location	Land use	Dates present	Group ID
G	239m E	Garage	1991	93723
G	240m E	Garage	1971	91709
H	260m E	Garage	1991 - 1996	88205
H	263m E	Garage	1971	85911
G	269m E	Garage	1996	85239
I	362m E	Garage	1971	81126

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

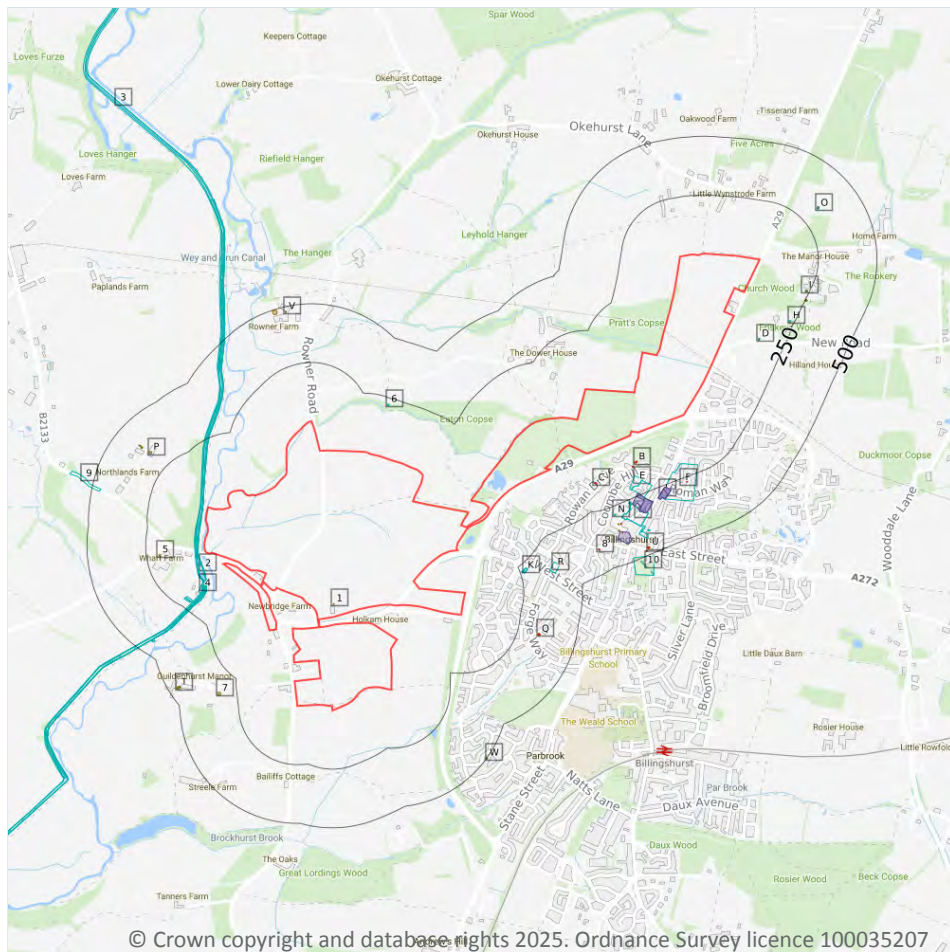
0

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



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

37

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 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 19](#) >

ID	Location	Land Use	Date	Group ID
2	20m W	Disused Canal	1973	2203985
A	20m W	Disused Canal	1947	2203833
A	20m W	Disused Canal	1896	2313182



ID	Location	Land Use	Date	Group ID
A	20m W	Disused Canal	1909	2313182
3	22m W	Old Canal	1956	2188650
4	122m W	Unspecified Wharf	1876	2189953
D	137m NE	Unspecified Tank	1956	2306765
D	138m NE	Unspecified Tank	1913	2255120
D	139m NE	Unspecified Tank	1913	2255120
E	165m E	Nursery	1876	2275964
F	190m E	Nursery	1973	2180457
E	196m E	Nursery	1876	2275964
G	204m SW	Lime Kilns	1876	2166538
G	211m W	Old Lime Kilns	1896	2171921
6	218m NW	Boat House	1909	2172850
H	228m NE	Unspecified Tank	1956	2191303
H	231m NE	Unspecified Tank	1913	2311756
I	232m NE	Unspecified Tank	1913	2278980
H	233m NE	Unspecified Tank	1913	2311756
I	234m NE	Unspecified Tank	1913	2278980
I	249m NE	Unspecified Tank	1913	2191301
K	256m SE	Smithy	1947	2269078
M	260m E	Brewery	1896	2246389
M	260m E	Brewery	1909	2246389
K	266m SE	Smithy	1909	2269078
L	274m E	Rope Walk	1896	2274947
L	274m E	Rope Walk	1909	2274947
N	283m E	Unspecified Tank	1909	2193581
O	326m NE	Unspecified Tank	1913	2239679
O	328m NE	Unspecified Tank	1913	2239679
O	332m NE	Unspecified Tank	1956	2191302



ID	Location	Land Use	Date	Group ID
R	346m SE	Fire Station	1973	2167614
S	376m E	Smithy	1909	2240819
S	391m E	Smithy	1876	2260934
S	400m E	Smithy	1896	2181524
9	461m W	Cuttings	1876	2323629
10	486m E	Grave Yard	1876	2166249

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

29

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 19](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Tank	1971	395097
D	140m NE	Unspecified Tank	1911	394016
5	193m W	Unspecified Tank	1971	395096
H	233m NE	Unspecified Tank	1897	414486
H	233m NE	Unspecified Tank	1911	414486
I	235m NE	Unspecified Tank	1911	394015
I	238m NE	Unspecified Tank	1972	406799
I	239m NE	Unspecified Tank	1996	406799
I	239m NE	Unspecified Tank	1993	406799
I	249m NE	Unspecified Tank	1911	418991
I	252m NE	Unspecified Tank	1996	422191
I	252m NE	Unspecified Tank	1972	418991
7	319m SW	Unspecified Tank	1996	395089
N	327m E	Unspecified Tank	1912	395093



ID	Location	Land Use	Date	Group ID
O	331m NE	Unspecified Tank	1897	420138
O	331m NE	Unspecified Tank	1911	420138
P	333m W	Unspecified Tank	1972	393986
N	354m E	Unspecified Tank	1912	395100
N	367m E	Unspecified Tank	1912	395101
P	377m W	Unspecified Tank	1912	398325
P	377m W	Unspecified Tank	1938	398325
P	388m W	Tanks	1972	379824
T	450m SW	Tanks	1911	398685
T	450m SW	Tanks	1939	398685
T	451m SW	Tanks	1971	403655
V	475m NW	Unspecified Tank	1897	394008
V	479m NW	Unspecified Tank	1996	393984
W	498m S	Unspecified Tank	1876	428041
W	498m S	Unspecified Tank	1897	428041

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

23

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 19 >](#)

ID	Location	Land Use	Date	Group ID
B	112m E	Electricity Substation	1996	267042
B	124m E	Electricity Substation	1991	272245
C	128m E	Electricity Substation	1991	322405
C	130m E	Electricity Substation	1996	322405
F	268m E	Electricity Substation	1991	308205



ID	Location	Land Use	Date	Group ID
F	269m E	Electricity Substation	1996	308205
N	330m E	Electricity Substation	1996	267043
Q	338m SE	Electricity Substation	1984	313139
Q	338m SE	Electricity Substation	1987	313139
Q	338m SE	Electricity Substation	1979	313139
Q	338m SE	Electricity Substation	1991	313139
Q	340m SE	Electricity Substation	1981	313139
R	367m SE	Electricity Substation	1984	302083
R	367m SE	Electricity Substation	1987	302083
R	367m SE	Electricity Substation	1979	296157
R	367m SE	Electricity Substation	1991	302083
R	369m SE	Electricity Substation	1981	317047
R	369m SE	Electricity Substation	1972	306451
8	396m E	Electricity Substation	1991	272242
U	467m E	Electricity Substation	1991	300726
U	467m E	Electricity Substation	1984	300726
U	467m E	Electricity Substation	1987	300726
U	477m E	Electricity Substation	1981	271020

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

7

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'.

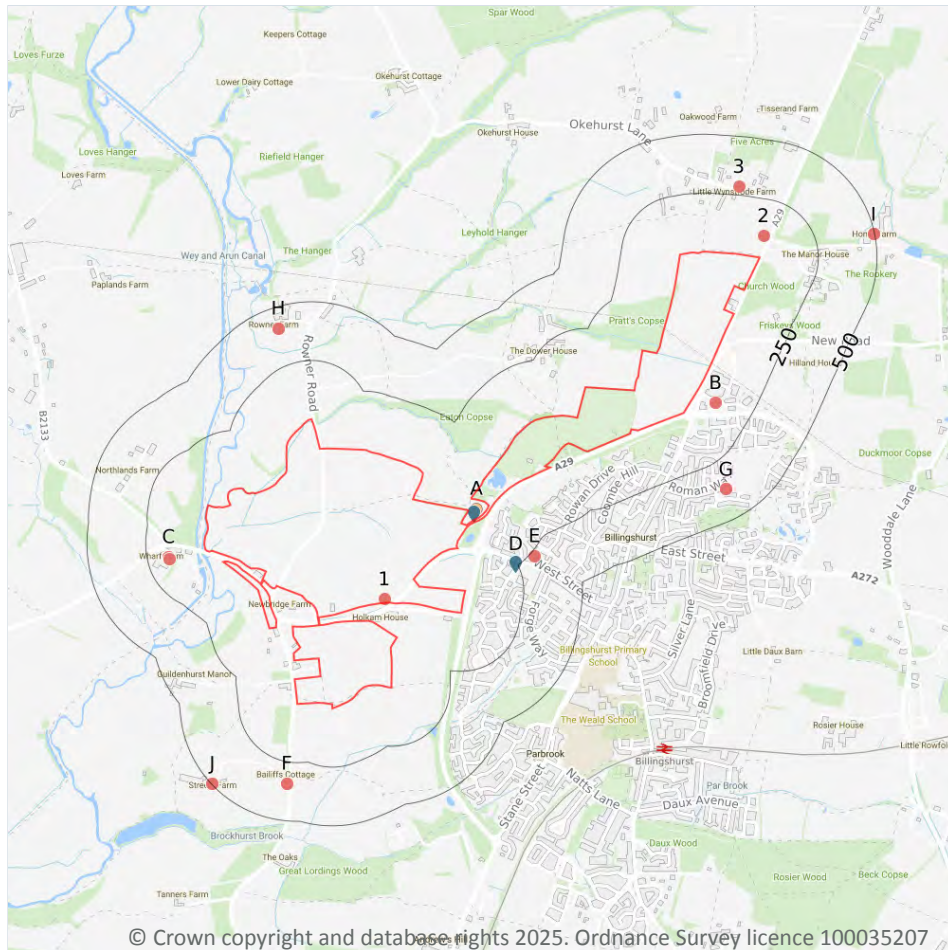
Features are displayed on the Past land use - un-grouped map on [page 19](#) >

ID	Location	Land Use	Date	Group ID
J	239m E	Garage	1991	93723
J	240m E	Garage	1971	91709
L	260m E	Garage	1991	88205
L	260m E	Garage	1996	88205
L	263m E	Garage	1971	85911
J	269m E	Garage	1996	85239
N	362m E	Garage	1971	81126

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

0

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.



3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

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**0**

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**1**

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

Features are displayed on the Waste and landfill map on [page 25](#) >



ID	Location	Address	Further Details	Date
A	10m E	Site Address: A29 & A272, BILLINGSHURST, West Sussex, RH14	Type of Site: Waste Recycling/Transfer Station Planning application reference: DC/04/1018 Description: Scheme comprises a new Household Waste Recycling Site on a site adjacent to the Billingshurst by-pass close to the roundabout with the A272. It will include a new, state-of-the-art, recycling facility. The facility is designed as a split-level, ced site in order for all materials to be placed in bins. There will be an area of hardstanding for the handling and storage of large goods such as fridges and washing machines and separate containers. The proposal also includes the provision of a small, portable site/mess building for use by the site staff. Access to the site will be via a private road at its junction on the A272 close to the Billingshurst by-pass. An application (ref: DC/04/1018) for Detailed Planning permission was granted by Horsham D.C. after the local authority raised no objections. West Sussex County Council will be implementing a series of waste management facilities under the Reclaim banner. For full details please visit www.reclaim-westsussex.co.uk Reclaim Offices: Molyneux House Arunside Industrial Estate Fort Road Littlehampton West Sussex BN17 7QU Tel: 0845 1300 393 Fax: 0845 1300 398 Email: info@reclaim-westsussex.co.uk Master Lead - 00184795 Billingshurst - 04206330 Burgess Hill - 04585884 Crawley - 04585886 East Grinstead - 04585888 Ford - 04480760 Lancing - 04585890 Littlehampton - 04480758 West Hampnett - 04239278 Worthing - 04585894 Please note Dean & Dyball will undertake the groundworks on this project. Data source: Historic Planning Application Data Type: Point	09/05/2005

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

3.6 Licensed waste sites

Records within 500m	5
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 25 >](#)



ID	Location	Details		
A	23m SE	Site Name: Billingshurst Household Waste Recycling Site Site Address: Newbridge Road, Billingshurst, West Sussex, RH14 9HZ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SYR011 EPR reference: EA/EPR/KB3606GW/T001 Operator: Syracuse Waste Ltd Waste Management licence No: 10142 Annual Tonnage: 19999	Issue Date: 23/08/2005 Effective Date: 18/09/2021 Modified: 12/10/2020 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
A	23m SE	Site Name: Billingshurst Household Waste Recycling Site Site Address: Newbridge Road, Billingshurst, West Sussex, RH14 9HZ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR016 EPR reference: EA/EPR/VP3195HX/V003 Operator: Viridor Waste Management Limited Waste Management licence No: 10142 Annual Tonnage: 19999	Issue Date: 23/08/2005 Effective Date: - Modified: 12/10/2020 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	23m SE	Site Name: Billingshurst Household Waste Recycling Site Site Address: Newbridge Road, Billingshurst, West Sussex, RH14 9HZ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 640420 EPR reference: EA/EPR/KB3606GW Operator: Syracuse Waste Limited Waste Management licence No: 10142 Annual Tonnage: 19999	Issue Date: 23/08/2005 Effective Date: 23/08/2005 Modified: 23/08/2005 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	241m SE	Site Name: Billingshurst Household Waste Recycling Site Site Address: - Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR016 EPR reference: - Operator: Viridor Waste Management Ltd Waste Management licence No: 10142 Annual Tonnage: 20000	Issue Date: 23/08/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
D	241m SE	Site Name: Billingshurst Household Waste Recycling Site Site Address: Land / Premises At, Junction Of A29 & A272, Billingshurst, West Sussex, RH14 9HL Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VIR016 EPR reference: EA/EPR/VP3195HX/A001 Operator: Viridor Waste Management Ltd Waste Management licence No: 10142 Annual Tonnage: 20000	Issue Date: 23/08/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	62
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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 25 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
1	On site	-	WEX408449	Storing waste exemption	On a farm	Storage of sludge
2	92m NE	Hookhurst Farm, Skiff Lane, Wisborough Green, Billingshurst, Rh14 0aa	WEX189074	Storing waste exemption	On a farm	Storage of sludge
B	93m E	Hilland Farm Stane Street Billingshurst West Sussex Rh14 9hn	EPR/LH0571GJ /A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
B	93m E	Hilland Farm Stane Street Billingshurst West Sussex Rh14 9hn	EPR/LH0571GJ /A001	Using waste exemption	Agricultural waste only	Use of waste in construction
B	93m E	Hilland Farm Stane Street Billingshurst West Sussex Rh14 9hn	EPR/LH0571GJ /A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
B	93m E	Hilland Farm Stane Street Billingshurst West Sussex Rh14 9hn	EPR/LH0571GJ /A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
B	93m E	Hilland Farm Stane Street Billingshurst West Sussex Rh14 9hn	EPR/LH0571GJ /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
B	93m E	Hilland Farm Stane Street Billingshurst West Sussex Rh14 9hn	EPR/LH0571GJ /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
C	160m W	Wharf Farm Billingshurst West Sussex Rh14 0jg	EPR/EH0079N M/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
C	160m W	Wharf Farm Billingshurst West Sussex Rh14 0jg	EPR/EH0079N M/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
C	160m W	Wharf Farm Billingshurst West Sussex Rh14 0jg	EPR/EH0079N M/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
C	160m W	Wharf Farm Billingshurst West Sussex Rh14 0jg	EPR/EH0079N M/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
C	160m W	Wharf Farm Billingshurst West Sussex Rh14 0jg	EPR/EH0079N M/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
C	162m W	Wharf Farm, Newbridge, Billingshurst, Rh14 0jg	WEX051136	Disposing of waste exemption	On a farm	Burning waste in the open
C	162m W	Wharf Farm, Newbridge, Billingshurst, Rh14 0jg	WEX051136	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	162m W	Wharf Farm, Newbridge, Billingshurst, Rh14 0jg	WEX051136	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
C	162m W	Wharf Farm, Newbridge, Billingshurst, Rh14 0jg	WEX051136	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
C	162m W	Wharf Farm, Newbridge, Billingshurst, Rh14 0jg	WEX051136	Using waste exemption	On a farm	Use of waste in construction
E	270m SE	Longfield Manor, West Street, Billingshurst, Rh14 9lx	WEX138720	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
E	270m SE	Longfield Manor, West Street, Billingshurst, Rh149lx	WEX286832	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal



ID	Location	Site	Reference	Category	Sub-Category	Description
E	270m SE	Derwent Lodge, West Street, Billingshurst, Rh14 9lx	WEX322097	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
3	285m NE	Universal Trailers Okehurst Lane Rh14 9hr	EPR/WE5852F Z/A001	Using waste exemption	Non-agricultural waste only	Use of waste in construction
F	343m SW	Streele Farm Lordings Road Billingshurst West Sussex Rh14 9jd	EPR/VH0379N L/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
F	343m SW	Streele Farm Lordings Road Billingshurst West Sussex Rh14 9jd	EPR/VH0379N L/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
F	343m SW	Streele Farm Lordings Road Billingshurst West Sussex Rh14 9jd	EPR/VH0379N L/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
F	343m SW	Streele Farm Lordings Road Billingshurst West Sussex Rh14 9jd	EPR/VH0379N L/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
F	343m SW	Streele Farm Lordings Road Billingshurst West Sussex Rh14 9jd	EPR/VH0379N L/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
G	374m E	Roman Way, Billingshurst, Rh14 9qz	WEX311890	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
G	374m E	Roman Way, Billingshurst, Rh14 9qz	WEX177780	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
G	374m E	Roman Way, Billingshurst, Rh14 9qz	WEX228629	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
G	374m E	Roman Way, Billingshurst, Rh14 9qz	WEX084585	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
H	409m NW	Rowner Farm, Rowner Road, Billingshurst, Rh14 9ht	WEX321974	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
H	409m NW	Rowner Farm, Rowner Road, Billingshurst, Rh14 9ht	WEX036648	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
H	409m NW	Rowner Farm, Rowner Road, Billingshurst, Rh14 9ht	WEX195145	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX335148	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX335148	Disposing of waste exemption	On a farm	Burning waste in the open
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX335148	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX335148	Using waste exemption	On a farm	Incorporation of ash into soil
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX211218	Using waste exemption	On a farm	Incorporation of ash into soil
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX211218	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX056100	Disposing of waste exemption	On a farm	Burning waste in the open
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX056100	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX056100	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX056100	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX056100	Using waste exemption	On a farm	Use of waste for a specified purpose
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX211218	Disposing of waste exemption	On a farm	Burning waste in the open
I	494m NE	Home Farm, Stane Street, Billingshurst, Rh14 9ab	WEX211218	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX330454	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX330454	Disposing of waste exemption	On a farm	Burning waste in the open

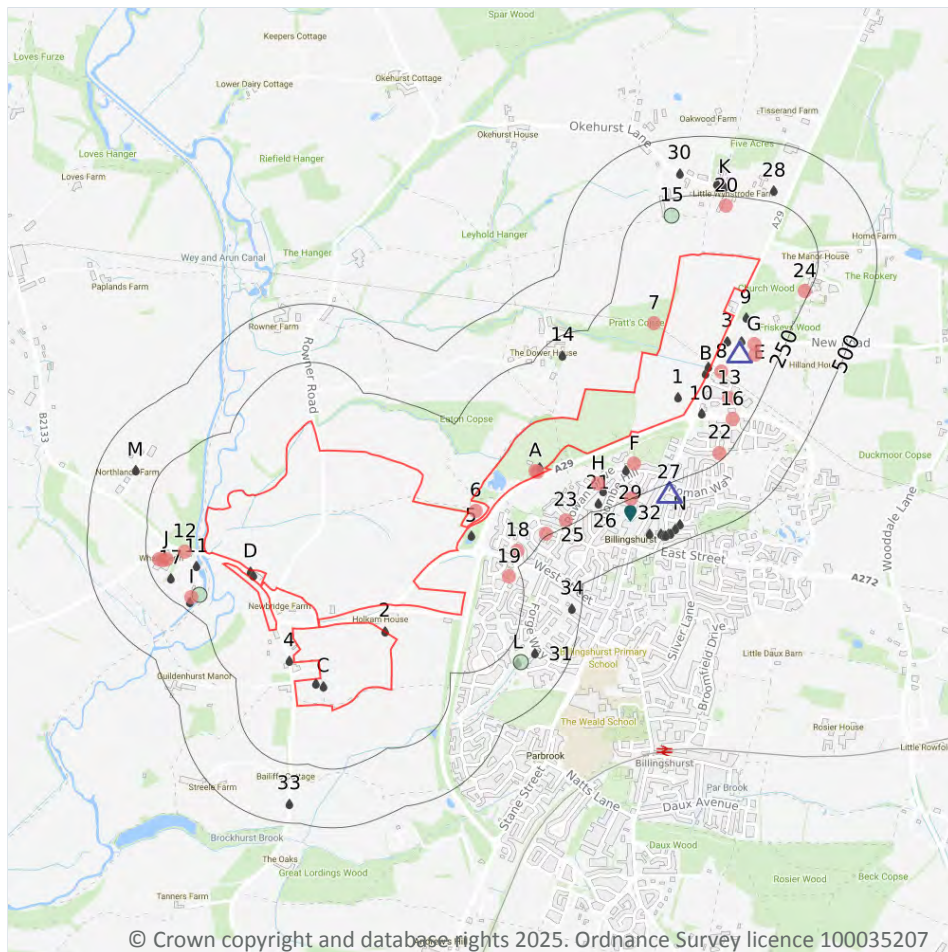


ID	Location	Site	Reference	Category	Sub-Category	Description
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX330454	Using waste exemption	On a farm	Use of waste in construction
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX330454	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX330454	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX051120	Disposing of waste exemption	On a farm	Burning waste in the open
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX051120	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX205733	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX205733	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX205733	Using waste exemption	On a farm	Use of waste in construction
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX051120	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX051120	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX051120	Using waste exemption	On a farm	Use of waste in construction
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX205733	Disposing of waste exemption	On a farm	Burning waste in the open
J	498m SW	Streele Farm, Lordings Road, Billingshurst, Rh14 9jd	WEX205733	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- ◆ Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

24

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 34](#) >

ID	Location	Company	Address	Activity	Category
A	On site	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
A	On site	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
6	32m E	Recycling Centre	West Sussex, RH14	Recycling Centres	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
7	50m NE	Pylon	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
8	50m NE	Pylon	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
12	86m W	Wharf	West Sussex, RH14	Moorings and Unloading Facilities	Water
F	118m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
13	129m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
G	131m NE	Rss Billingshurst	Unit 2, Stane Street, Billingshurst Business Park, Billingshurst, Horsham, West Sussex, RH14 9LY	Vehicle Cleaning Services	Personal, Consumer and Other Services
H	137m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
G	153m NE	Shell Rontec Billingshurst	Unit 2 Billingshurst Business Park, Stane Street, Billingshurst, West Sussex, RH14 9LY	Petrol and Fuel Stations	Road and Rail
J	170m W	Wharf	West Sussex, RH14	Moorings and Unloading Facilities	Water
J	184m W	D G Clifton & Son Ltd	Wharf Farm, Newpound, Wisborough Green, West Sussex, RH14 0JG	Furniture	Consumer Products
16	186m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
18	195m SE	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
I	197m W	The Old Wharf	West Sussex, RH14	Moorings and Unloading Facilities	Water
J	198m W	Equitogs	Wharf Farm, Newpound, Wisborough Green, West Sussex, RH14 0JG	Hobby, Sports and Pastime Products	Consumer Products
19	199m SE	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
20	210m NE	Denver Poultry Farm	West Sussex, RH14	Poultry Farming, Equipment and Supplies	Farming
22	222m E	R Funnell Flooring	53, The Alders, Billingshurst, West Sussex, RH14 9GU	Construction Completion Services	Construction Services



ID	Location	Company	Address	Activity	Category
23	223m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
24	232m NE	Tank	West Sussex, RH14	Tanks (Generic)	Industrial Features
25	242m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities
26	249m E	Electricity Sub Station	West Sussex, RH14	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 34 >](#)

ID	Location	Company	Address	LPG	Status
E	86m NE	SHELL	UNIT 2, Stane Street, Billingshurst Business Park, Billingshurst, West Sussex, RH14 9LY	No	Open
27	286m E	OBSOLETE	3, High Street, Roman Way, Billingshurst, West Sussex, RH14 9PL	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.5 Sites determined as Contaminated Land

Records within 500m**0**

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**0**

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**0**

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.

4.8 Hazardous substance storage/usage

Records within 500m**0**

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**0**

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

0

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

1

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.

Features are displayed on the Current industrial land use map on [page 34 >](#)

ID	Location	Address	Details	
29	305m E	Hurst Cleaners, 7 Jengers Mead, Billingshurst, West Sussex, RH14 9PB	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

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.

4.13 Licensed Discharges to controlled waters

Records within 500m

41

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 34 >](#)



ID	Location	Address	Details	
1	On site	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSSETOPRATT SFA,NORTHOFBILLINGSHURST,BILL INGSHURS,WESTSUSSE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997
A	On site	ELECTRICALPRIMARYSUBSTATION, ELECTRICALPRIMARYSUBSTATION, LANDADJACENTTOA29,BILLINGSH URSTBYPASS,EASTSUSSEX,RH14	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: P12616 Permit Version: 1 Receiving Water: GROUNDWATER VIA A SOAKAWAY	Status: SURRENDERED UNDER EPR 2010 Issue date: 03/02/2006 Effective Date: 03/02/2006 Revocation Date: 01/05/2020
B	On site	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSSETOPRATT SFA,NORTHOFBILLINGSHURST,BILL INGSHURS,WESTSUSSE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997
B	On site	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSSETOPRATT SFA,NORTHOFBILLINGSHURST,BILL INGSHURS,WESTSUSSE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997
C	On site	THELIMEBURNERSPUBLICHOUSE,T HELIMEBURNERSPUBLICHOUSE,NE WBRIDGE,BILLINGSHURST,WESTS USSEX,RH149JA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: P05139 Permit Version: 1 Receiving Water: UNNAMED TRIB OF CEDAR BROOK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/12/1993 Effective Date: 01/12/1993 Revocation Date: 05/02/1998
C	On site	THELIMEBURNERSPUBLICHOUSE,T HELIMEBURNERSPUBLICHOUSE,NE WBRIDGE,BILLINGSHURST,WESTS USSEX,RH149JA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: P05139 Permit Version: 2 Receiving Water: UNNAMED TRIB OF CEDAR BROOK	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: 01/12/1993 Effective Date: 06/02/1998 Revocation Date: -
2	2m S	BRENDON,NEWBRIDGEROADWEST ,BILLINGSHURST,WESTSUSSEX,WES TSUSSEX,RH149LS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRAP3326GG Permit Version: 1 Receiving Water: DITCH TO BROCKHURST BROOK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 15/06/2010 Effective Date: 15/06/2010 Revocation Date: -



ID	Location	Address	Details	
D	6m W	HOLEFARM,LORDINGSROAD,BILLINGSHURST,WESTSUSSEX,RH149JA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRNB3490WU Permit Version: 1 Receiving Water: TRIB OF RIVER ARUN	Status: NEW ISSUED UNDER EPR 2010 Issue date: 13/08/2019 Effective Date: 13/08/2019 Revocation Date: -
D	12m SW	HOLECOTTAGE,HOLECOTTAGE,NE WBRIDGE,BILLINGSHURST,SUSSEX,RH149JA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: N02716 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 12/05/1980 Effective Date: 12/05/1980 Revocation Date: 31/03/1997
3	19m NE	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSETOPRATTS FA,NORTHOFBILLINGSHURST,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997
4	21m SW	ROSECOTTAGE,LORDINGSROAD,BILLINGSHURST,WESTSUSSEX,RH149JA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRVB3890EL Permit Version: 1 Receiving Water: TRIB OF BROCKHURST BROOK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 11/11/2021 Effective Date: 11/11/2021 Revocation Date: -
5	30m SE	HOUSEHOLDWASTERECYCLINGSITE ,JUNCTIONA29A272,BILLINGSHURSTBYPASS,BILLINGSHURST,WESTSUSSEX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: P12238 Permit Version: 1 Receiving Water: BALANCING POND/ DITCH/ R ARUN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 12/05/2005 Effective Date: 12/05/2005 Revocation Date: -
9	51m NE	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSETOPRATTS FA,NORTHOFBILLINGSHURST,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997
10	60m E	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSETOPRATTS FA,NORTHOFBILLINGSHURST,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997



ID	Location	Address	Details	
11	73m W	1&2FARMCOTTAGES,1&2FARMCOTTAGES,THEOLDWHARF,NEWBRIDGE,BILLINGSHURST,WESTSUSSEX	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: P03275 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 14/01/1991 Effective Date: 14/01/1991 Revocation Date: 31/03/1997
E	74m NE	A29LONDONBOGNORREGISROAD, A29LONDONBOGNORREGISROAD, BETWEENMANORHOUSETOPRATTS FA,NORTHOFBILLINGSHURST,BILLINGSHURST,WESTSUSSE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02126 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/11/1972 Effective Date: 15/11/1972 Revocation Date: 31/03/1997
F	128m E	DEVELOPMENT,DEVELOPMENT,ROWANAVECOOMBEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01728 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 28/06/1968 Effective Date: 28/06/1968 Revocation Date: 31/03/1997
H	173m E	DEVELOPMENT,DEVELOPMENT,ROWANAVECOOMBEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01728 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 28/06/1968 Effective Date: 28/06/1968 Revocation Date: 31/03/1997
14	175m NE	TEDFOLDBARNS,TEDFOLDBARNS,TEDFOLDSTUD,ROWNERROAD,BILLINGSHURST,WESTSUSSEX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: P05412 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 26/07/1994 Effective Date: 26/07/1994 Revocation Date: -
17	187m W	THEOLDWHARFFARMHOUSE,THEOLDWHARFFARMHOUSE,NEWBRIDGE,BILLINGSHURST,WESTSUSSEX	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: P03274 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 14/01/1991 Effective Date: 14/01/1991 Revocation Date: 31/03/1997
21	215m E	DEVELOPMENT,DEVELOPMENT,ROWANAVECOOMBEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01728 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 28/06/1968 Effective Date: 28/06/1968 Revocation Date: 31/03/1997



ID	Location	Address	Details	
I	217m SW	THEOLDWHARF,THEOLDWHARF,NE WBRIDGE,BILLINGSHURST,WESTSU SSEX	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: P03273 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 14/01/1991 Effective Date: 14/01/1991 Revocation Date: 31/03/1997
K	288m NE	CHALKFARM,OKEHURSTLANE,BILLI NGHURST,WESTSUSSEX,RH149HR	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRUB3192VT Permit Version: 1 Receiving Water: TRIBUTARY RIVER ARUN	Status: NEW ISSUED UNDER EPR 2010 Issue date: 21/04/2021 Effective Date: 21/04/2021 Revocation Date: -
28	299m NE	DUNELM,DUNELM,OKEHURSTLANE ,BILLINGSHURST,WESTSUSSEX,RH1 49HR	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: P04495 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 15/10/1992 Effective Date: 15/10/1992 Revocation Date: 31/03/1997
K	302m NE	2CHALKBARNSTP,OKEHURSTLANE, BILLINGSHURST,WESTSUSSEX,RH14 9HR	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRVB3693DM Permit Version: 1 Receiving Water: DITCH TRIB OF THE RIVER ARUN	Status: NEW ISSUED UNDER EPR 2010 Issue date: 19/08/2021 Effective Date: 19/08/2021 Revocation Date: -
K	302m NE	1CHALKBARNSTP,OKEHURSTLANE, BILLINGSHURST,WESTSUSSEX,RH14 9HR	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRVB3693EU Permit Version: 1 Receiving Water: DITCH TRIB OF THE RIVER ARUN	Status: NEW ISSUED UNDER EPR 2010 Issue date: 19/08/2021 Effective Date: 19/08/2021 Revocation Date: -
L	316m SE	RESIDENTIALDEVELOPMENT,RESID ENTIALDEVELOPMENT,LAND@FOR GEWAY,BILLINGSHURST,WESTSUSS EX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01484 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 24/02/1982 Effective Date: 24/02/1982 Revocation Date: 31/03/1997



ID	Location	Address	Details	
M	349m W	INRESPECTOF3BUNGALOWS,INRESPECTOF3BUNGALOWS,NORTHLANDSFARM,BILLINGSHURST	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: N03495 Permit Version: 1 Receiving Water: INTO LAND	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 10/04/1979 Effective Date: 10/04/1979 Revocation Date: 20/12/2012
M	349m W	INRESPECTOF3BUNGALOWS,INRESPECTOF3BUNGALOWS,NORTHLANDSFARM,BILLINGSHURST	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: N03495 Permit Version: 2 Receiving Water: INTO LAND	Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: -
30	351m NE	MINSTRELSWOOD,OKEHURSTLANE,BILLINGSHURST,WESTSUSSEX,RH149HR	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRNB3398AY Permit Version: 1 Receiving Water: TRIB RIVER ARUN	Status: NEW ISSUED UNDER EPR 2010 Issue date: 16/07/2019 Effective Date: 16/07/2019 Revocation Date: -
31	352m SE	LANDOFFFORGEWAY,LANDOFFFORGEWAY,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01470 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 23/09/1982 Effective Date: 23/09/1982 Revocation Date: 13/07/1998
32	416m E	DEVELOPMENTATROSEHILL,DEVELOPMENTATROSEHILL,EASTSTREET,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01729 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 04/07/1968 Effective Date: 04/07/1968 Revocation Date: 31/03/1997
33	417m SW	1STREELECOTTAGES,LORDINGSROAD,BILLINGSHURST,WESTSUSSEX,RH149JD	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRXB3497EF Permit Version: 1 Receiving Water: BROCKHURST BROOK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 25/07/2022 Effective Date: 25/07/2022 Revocation Date: -
N	428m E	RESIDENTIALDEVELOPMENT,RESIDENTIALDEVELOPMENT,ROSEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01538 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 13/12/1979 Effective Date: 13/12/1979 Revocation Date: 31/03/1997



ID	Location	Address	Details	
N	435m E	DEVELOPMENTATROSEHILL,DEVELOPMENTATROSEHILL,EASTSTREET,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01729 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 04/07/1968 Effective Date: 04/07/1968 Revocation Date: 31/03/1997
N	440m E	RESIDENTIALDEVELOPMENT,RESIDENTIALDEVELOPMENT,ROSEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01538 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 13/12/1979 Effective Date: 13/12/1979 Revocation Date: 31/03/1997
N	447m E	DEVELOPMENTATROSEHILL,DEVELOPMENTATROSEHILL,EASTSTREET,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01729 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 04/07/1968 Effective Date: 04/07/1968 Revocation Date: 31/03/1997
N	449m E	RESIDENTIALDEVELOPMENT,RESIDENTIALDEVELOPMENT,ROSEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01538 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 13/12/1979 Effective Date: 13/12/1979 Revocation Date: 31/03/1997
N	451m E	RESIDENTIALDEVELOPMENT,RESIDENTIALDEVELOPMENT,ROSEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01538 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 13/12/1979 Effective Date: 13/12/1979 Revocation Date: 31/03/1997
N	452m E	RESIDENTIALDEVELOPMENT,RESIDENTIALDEVELOPMENT,ROSEHILL,BILLINGSHURST,WESTSUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: N01538 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 13/12/1979 Effective Date: 13/12/1979 Revocation Date: 31/03/1997
34	460m SE	HIGHWAYATBILLINGSHURST,HIGHWAYATBILLINGSHURST,WESTSUSS EX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01441 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 28/01/1966 Effective Date: 28/01/1966 Revocation Date: 31/03/1997

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**0**

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**0**

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**0**

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.

4.18 Pollution Incidents (EA/NRW)

Records within 500m**3**

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 34 >](#)

ID	Location	Details	
I	166m W	Incident Date: 05/04/2002 Incident Identification: 69190 Pollutant: Agricultural Materials and Wastes Pollutant Description: Other Agricultural Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
15	179m NE	Incident Date: 03/07/2002 Incident Identification: 88922 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
L	327m SE	Incident Date: 06/07/2003 Incident Identification: 171381 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	0
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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.

4.20 Pollution inventory waste transfers

Records within 500m	0
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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	0
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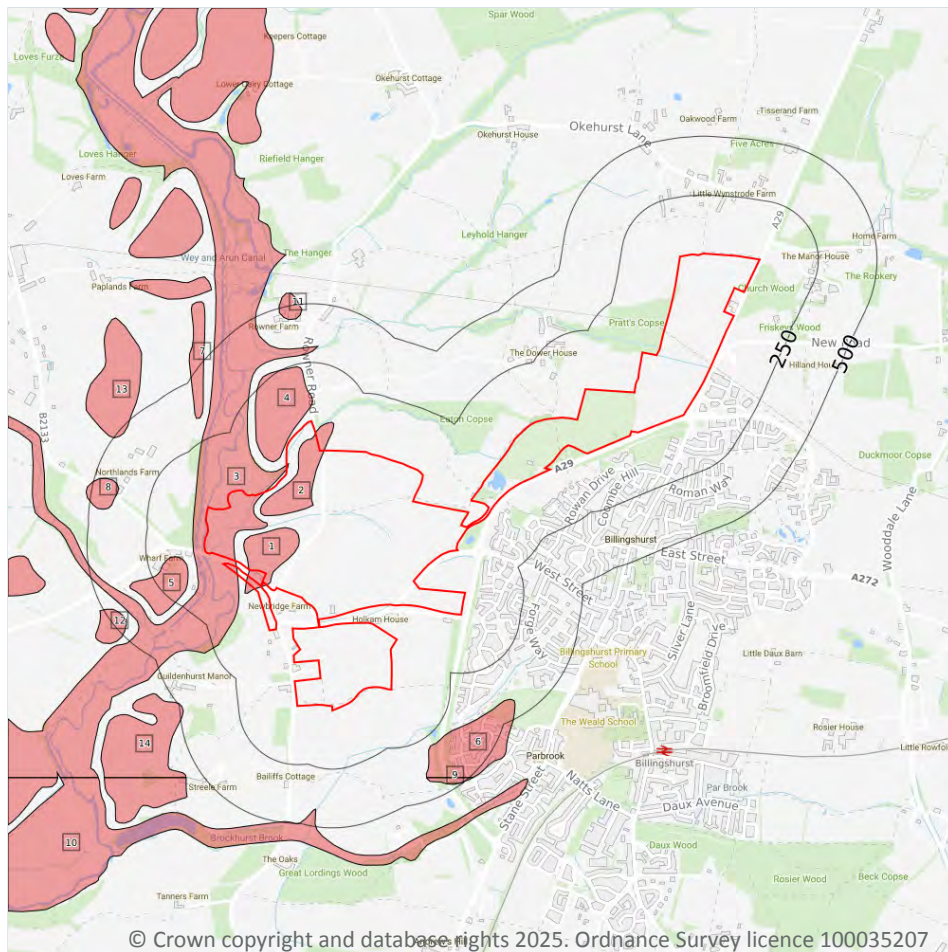
The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.



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



5 Hydrogeology - Superficial aquifer



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

14

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 48 >](#)

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	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

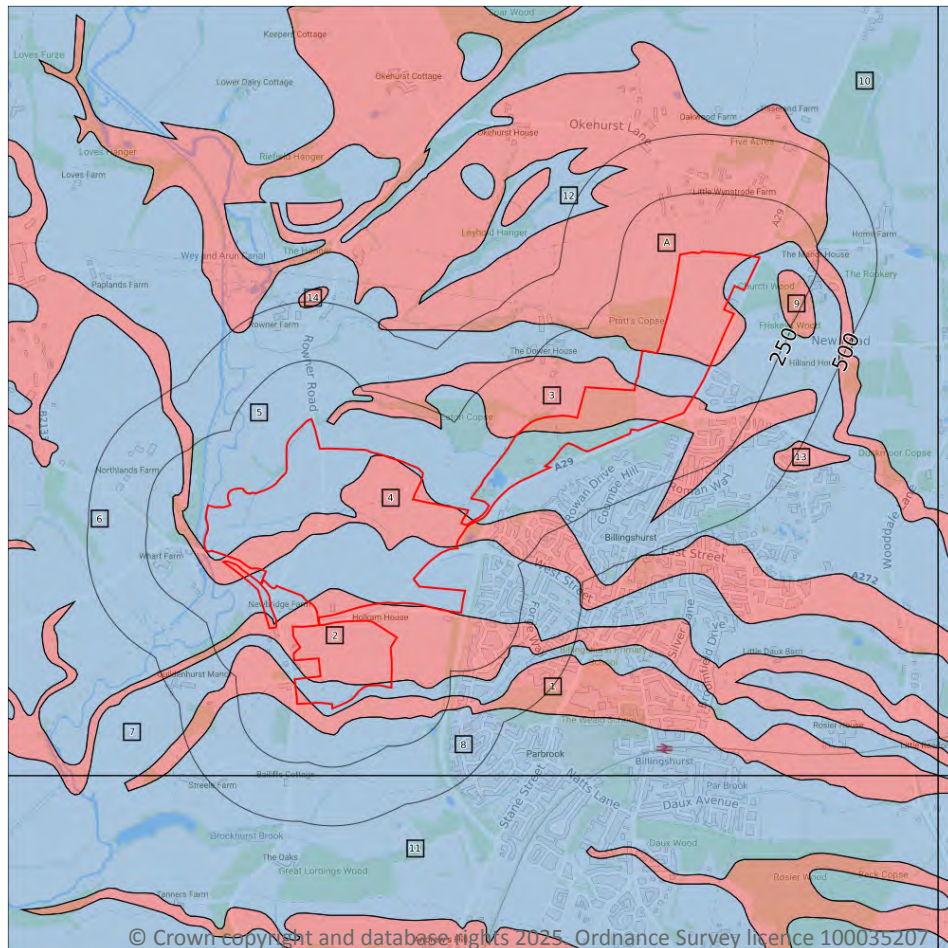


ID	Location	Designation	Description
3	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	9m W	Secondary 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
5	98m 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
6	292m S	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
7	344m 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
8	388m 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
9	404m S	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
10	426m S	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
11	441m NW	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
12	445m 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
13	479m 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
14	485m SW	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



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

15

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 50 >](#)

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	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

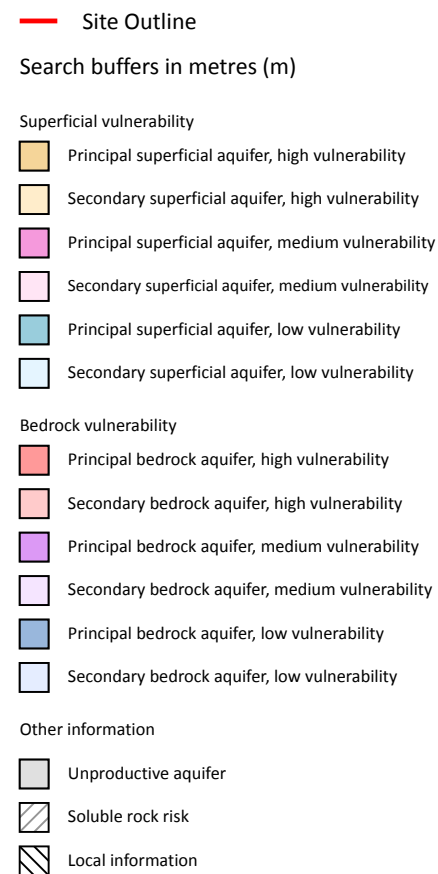
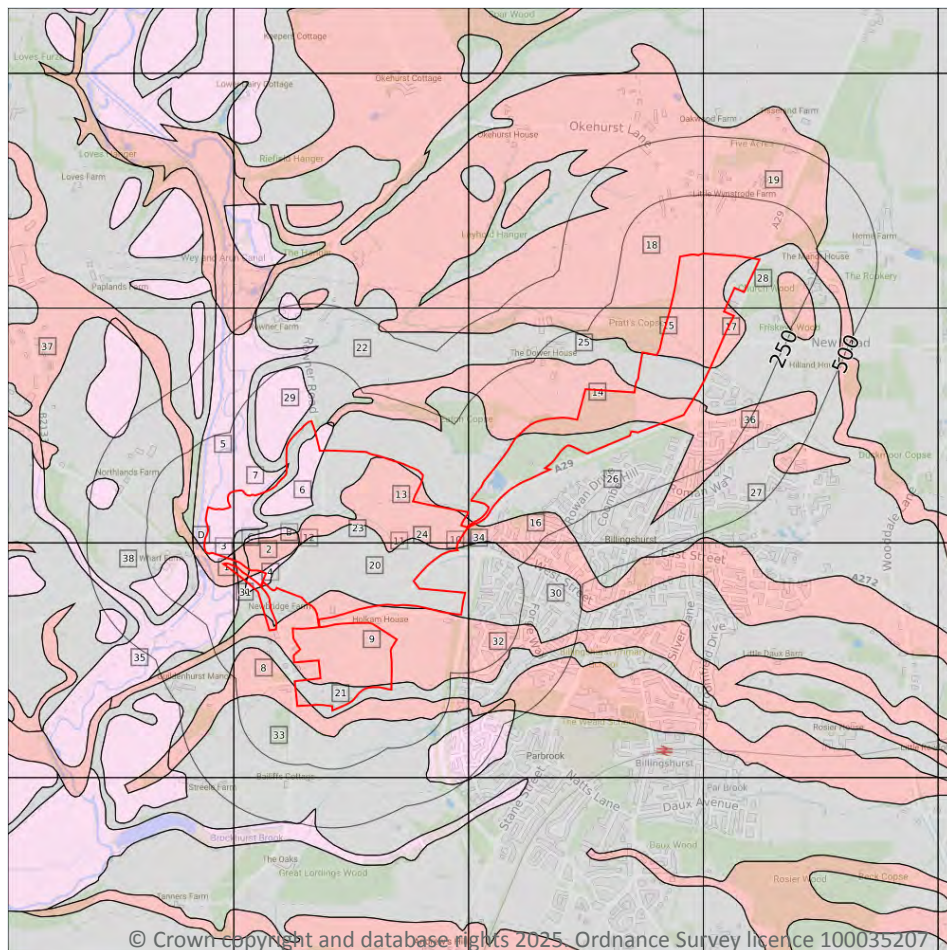


ID	Location	Designation	Description
3	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	On site	Secondary 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	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
A	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
8	36m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
9	103m NE	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
10	248m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
11	286m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
12	371m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
13	422m E	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
14	474m NW	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.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

48

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 52 >](#)



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



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
13	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
14	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
15	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
16	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
17	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
18	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
19	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
20	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
21	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
22	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
23	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
24	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
25	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
27	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
28	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
A	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low 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: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
B	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low 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
B	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
C	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
C	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
C	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
C	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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	9m W	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
30	15m S	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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	25m SW	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
D	27m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
32	36m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
33	36m SW	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
34	39m SE	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
35	43m SW	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
36	47m E	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low 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
D	48m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
37	49m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
38	50m W	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	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

0

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

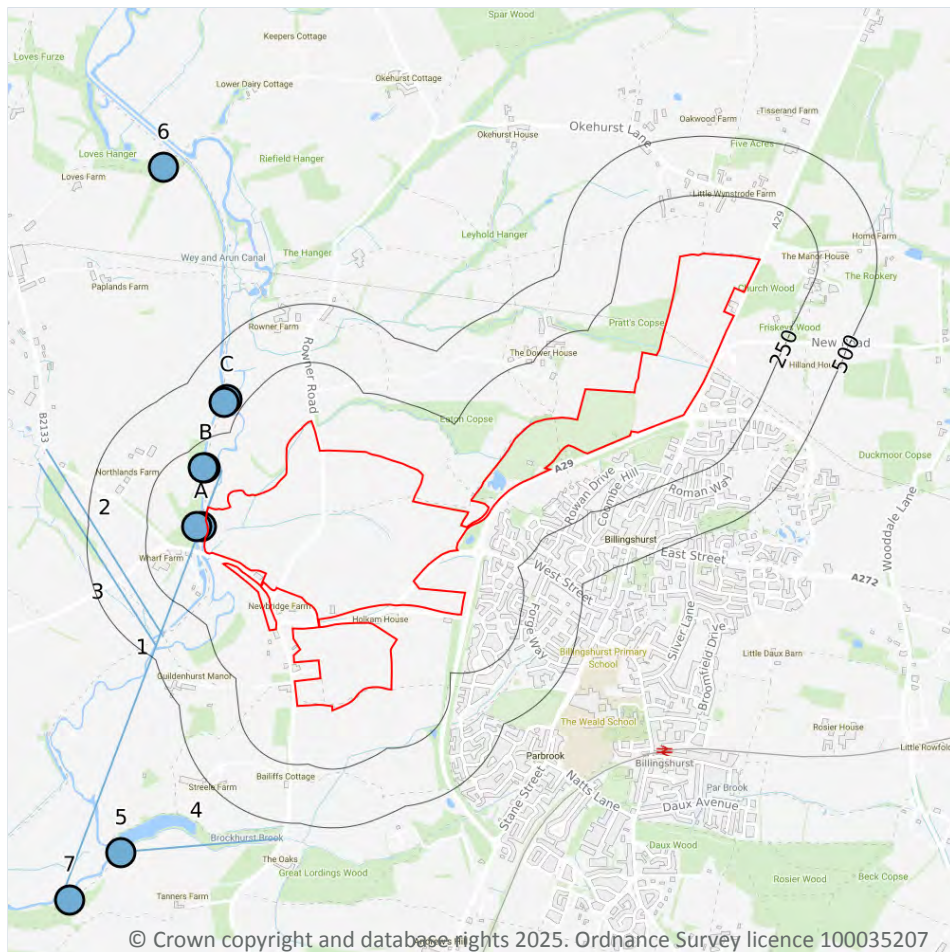
0

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 ↗.

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
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

0

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.

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



5.7 Surface water abstractions

Records within 2000m

13

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 62](#) >

ID	Location	Details	
1	On site	Status: Active Licence No: 10/41/423005 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIB OF RIVER ARUN AT STEELE FARM (A - B) Data Type: Line Name: Gilmour Easting: 506950 Northing: 126310	Annual Volume (m³): 18184 Max Daily Volume (m³): 227.3 Original Application No: NPS/WR/031081 Original Start Date: 30/05/1977 Expiry Date: - Issue No: 103 Version Start Date: 05/03/2019 Version End Date: -
A	27m W	Status: Historical Licence No: 10/41/423002 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: WEY & ARUN CANAL AT NORTHLANDS FARM (POINT C) Data Type: Point Name: Wakefield Easting: 506860 Northing: 126070	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 25/02/1966 Version End Date: -
A	47m W	Status: Historical Licence No: 10/41/423004 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: WEY & ARUN CANAL AT NORTHLANDS FARM (POINT 3) Data Type: Point Name: Wakefield Easting: 506840 Northing: 126070	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 31/03/1987 Version End Date: -



ID	Location	Details	
B	151m W	Status: Historical Licence No: 10/41/423002 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: WEY & ARUN CANAL AT NORTHLANDS FARM (POINT B) Data Type: Point Name: Wakefield Easting: 506880 Northing: 126320	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 25/02/1966 Version End Date: -
B	157m W	Status: Historical Licence No: 10/41/423004 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: WEY & ARUN CANAL AT NORTHLANDS FARM (POINT 2) Data Type: Point Name: Wakefield Easting: 506870 Northing: 126320	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 31/03/1987 Version End Date: -
C	321m NW	Status: Historical Licence No: 10/41/423004 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: RIVER ARUN AT NORTHLANDS FARM. Data Type: Point Name: Wakefield Easting: 506970 Northing: 126610	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 31/03/1987 Version End Date: -
C	324m NW	Status: Historical Licence No: 10/41/423002 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: WEY & ARUN CANAL AT NORTHLANDS FARM (POINT A) Data Type: Point Name: Wakefield Easting: 506960 Northing: 126600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 25/02/1966 Version End Date: -
2	345m W	Status: Active Licence No: 10/41/423005 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIB OF RIVER ARUN AT STEELE FARM (C - D) Data Type: Line Name: Gilmour Easting: 506200 Northing: 126400	Annual Volume (m ³): 18184 Max Daily Volume (m ³): 227.3 Original Application No: NPS/WR/031081 Original Start Date: 30/05/1977 Expiry Date: - Issue No: 103 Version Start Date: 05/03/2019 Version End Date: -



ID	Location	Details	
3	394m W	Status: Active Licence No: 10/41/423005 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIB OF RIVER ARUN AT STEELE FARM (C - D) Data Type: Line Name: Gilmour Easting: 506170 Northing: 126340	Annual Volume (m ³): 18184 Max Daily Volume (m ³): 227.3 Original Application No: NPS/WR/031081 Original Start Date: 30/05/1977 Expiry Date: - Issue No: 103 Version Start Date: 05/03/2019 Version End Date: -
4	570m SW	Status: Active Licence No: 10/41/423005 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIB OF RIVER ARUN AT STEELE FARM (E - F) Data Type: Line Name: Gilmour Easting: 507200 Northing: 124740	Annual Volume (m ³): 18184 Max Daily Volume (m ³): 227.3 Original Application No: NPS/WR/031081 Original Start Date: 30/05/1977 Expiry Date: - Issue No: 103 Version Start Date: 05/03/2019 Version End Date: -
5	977m SW	Status: Active Licence No: 10/41/423005 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIB OF RIVER ARUN AT STEELE FARM (F) Data Type: Point Name: Gilmour Easting: 506520 Northing: 124680	Annual Volume (m ³): 18184 Max Daily Volume (m ³): 227.3 Original Application No: NPS/WR/031081 Original Start Date: 30/05/1977 Expiry Date: - Issue No: 103 Version Start Date: 05/03/2019 Version End Date: -
6	1249m NW	Status: Historical Licence No: 10/41/423006 Details: Make-Up or Top Up Water Direct Source: Southern Region Surface Waters Point: WISBOROUGH GREEN (POINT A) Data Type: Point Name: Wey & Arun Canal Trust Ltd Easting: 506700 Northing: 127600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 15/01/1991 Version End Date: -
7	1274m SW	Status: Active Licence No: 10/41/423005 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIB OF RIVER ARUN AT STEELE FARM (B) Data Type: Point Name: Gilmour Easting: 506300 Northing: 124480	Annual Volume (m ³): 18184 Max Daily Volume (m ³): 227.3 Original Application No: NPS/WR/031081 Original Start Date: 30/05/1977 Expiry Date: - Issue No: 103 Version Start Date: 05/03/2019 Version End Date: -

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



5.8 Potable abstractions

Records within 2000m

0

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

0

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

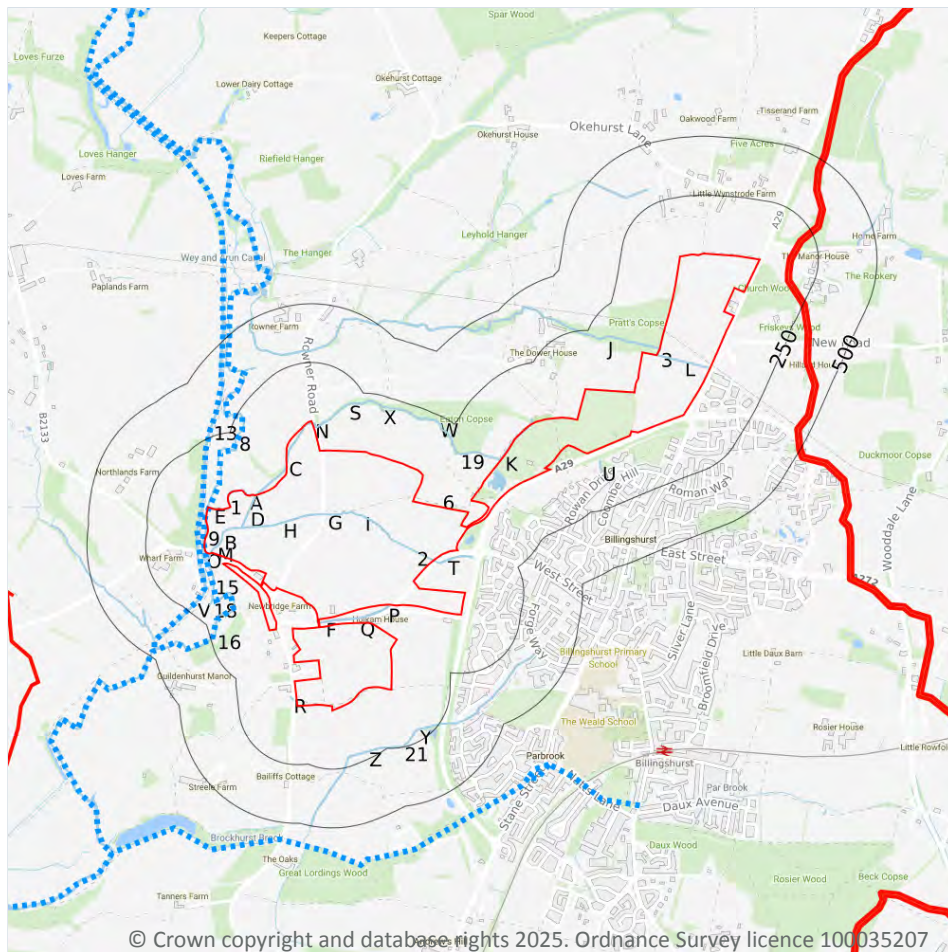
0

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.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

55

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 67 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
1	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
2	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	2m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	2m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	2m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Arun
9	2m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Arun
O	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	4m SW	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
N	7m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	10m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	11m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Arun
F	13m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Q	13m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	14m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	20m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	20m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
13	23m W	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Wey and Arun Canal
T	25m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	27m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	28m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
15	32m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Arun



ID	Location	Type of water feature	Ground level	Permanence	Name
U	48m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	64m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Wey and Arun Canal
V	76m W	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Wey and Arun Canal
16	84m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Arun
18	146m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
19	156m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	160m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	187m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	202m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	204m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	205m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	210m NW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
X	210m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
Z	210m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
21	247m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	20
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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 67 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
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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 67 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
6	On site	River	Arun (U/S Pallingham)	GB107041017950	Arun Upper	Arun and Western Streams

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

6.4 WFD Surface water bodies

Records identified

2

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 67 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
7	On site	River	Arun (U/S Pallingham)	GB107041017950 ↗	Moderate	Fail	Moderate	2019
14	24m W	Canal	Wey and Arun Canal (Newbridge Section)	GB70710021 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

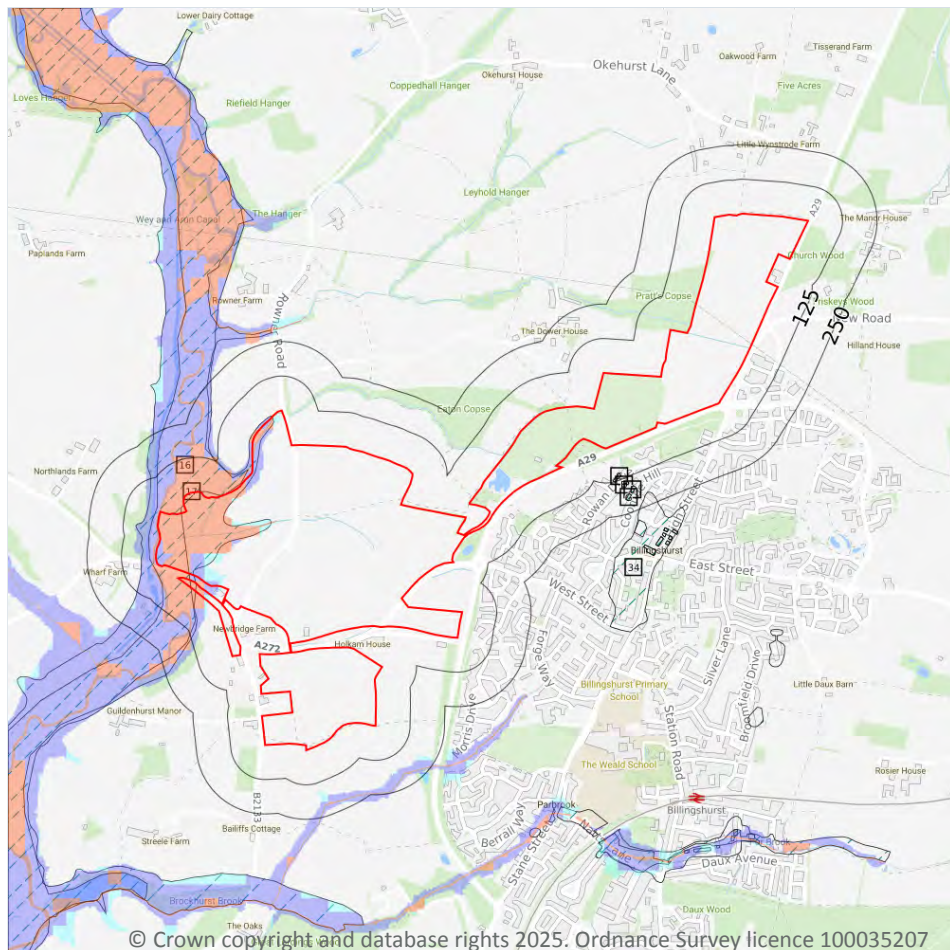
0

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.

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



7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

19

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 100 chance) or High (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 in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on [page 74 >](#)



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	13
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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.

Features are displayed on the River and coastal flooding map on [page 74 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
16	On site	Arun Valley 2013/14	2013-12-01 2014-02-01	Main river	Overtopping of defences	Fluvial
17	On site	Upper Arun 1974	1974-11-23 1974-11-23	Main river	Other	Fluvial
C	103m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
C	103m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
C	111m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
C	111m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
D	139m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
D	139m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
E	162m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
E	162m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial



ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
G	184m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
G	184m E	Billingshurst 1982	1982-12-09 1982-12-09	Drainage	Local drainage/surface water	Fluvial
34	205m E	Billingshurst 1981	1981-06-01 1981-06-01	Drainage	Other	Fluvial

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

7.3 Flood Defences

Records within 250m

0

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

0

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

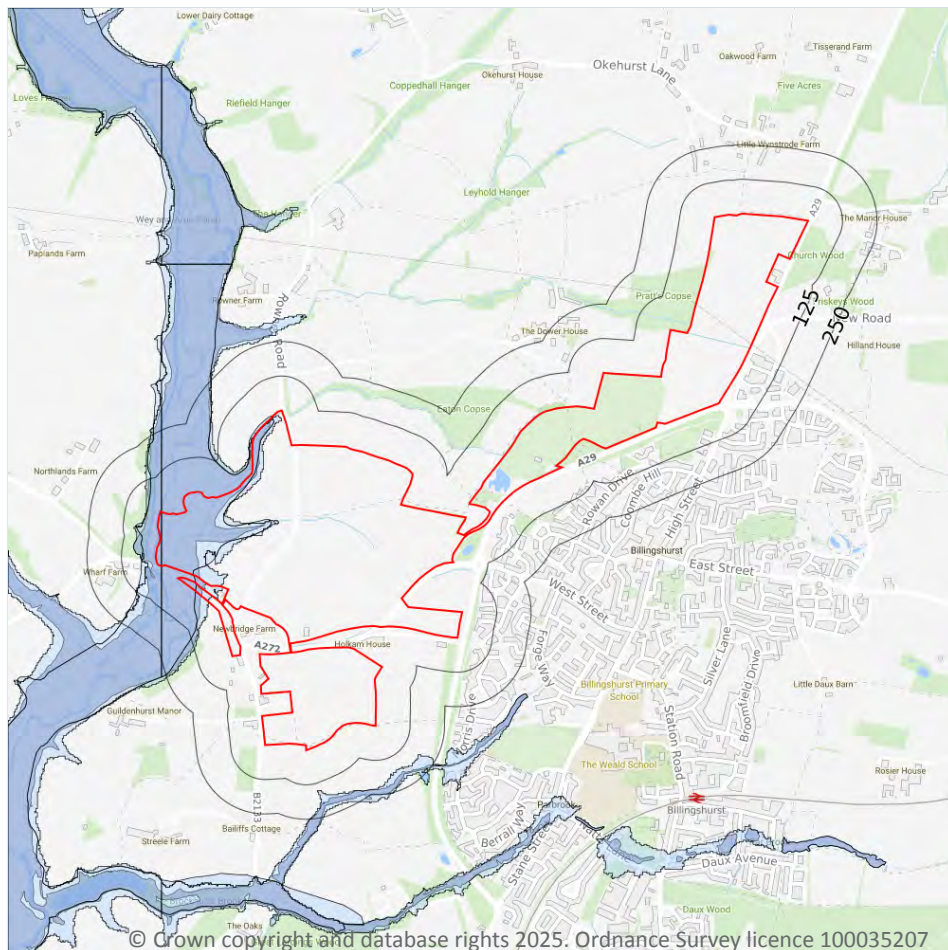
0

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.



River and coastal flooding - Flood Zones



— Site Outline

Search buffers in metres (m)

 Flood zone 2

 Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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 74 >](#)

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

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

7.7 Flood Zone 3

Records within 50m

1

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.

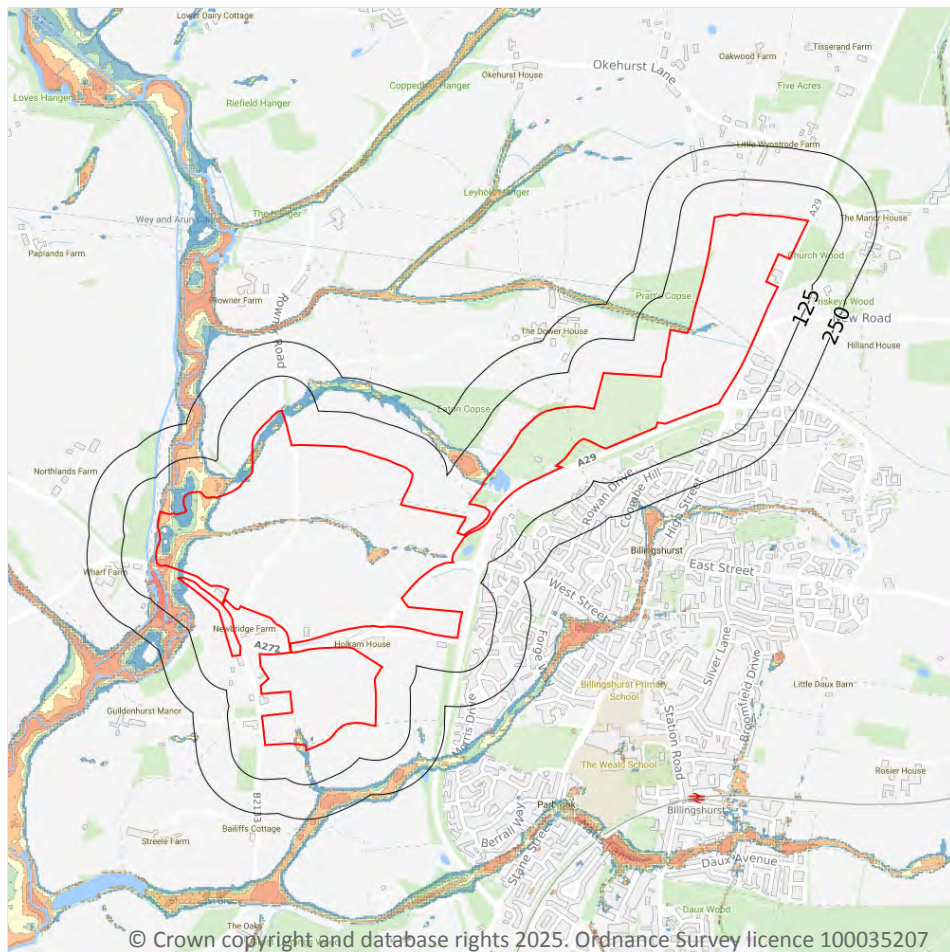
Features are displayed on the River and coastal flooding map on [page 74](#) >

Location	Type
On site	Zone 3 - (Fluvial Models)

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 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 79 >](#)

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.



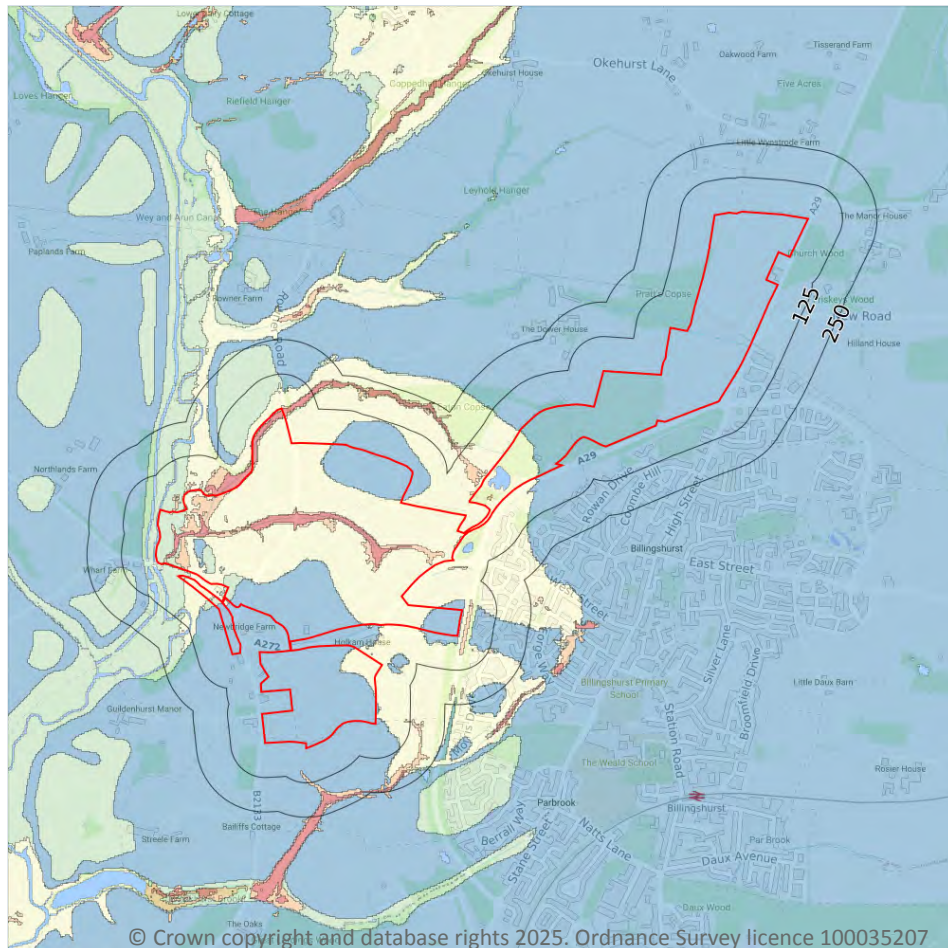
The table below shows the maximum flood depths for a range of return periods for the site.

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	Between 0.3m and 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

High

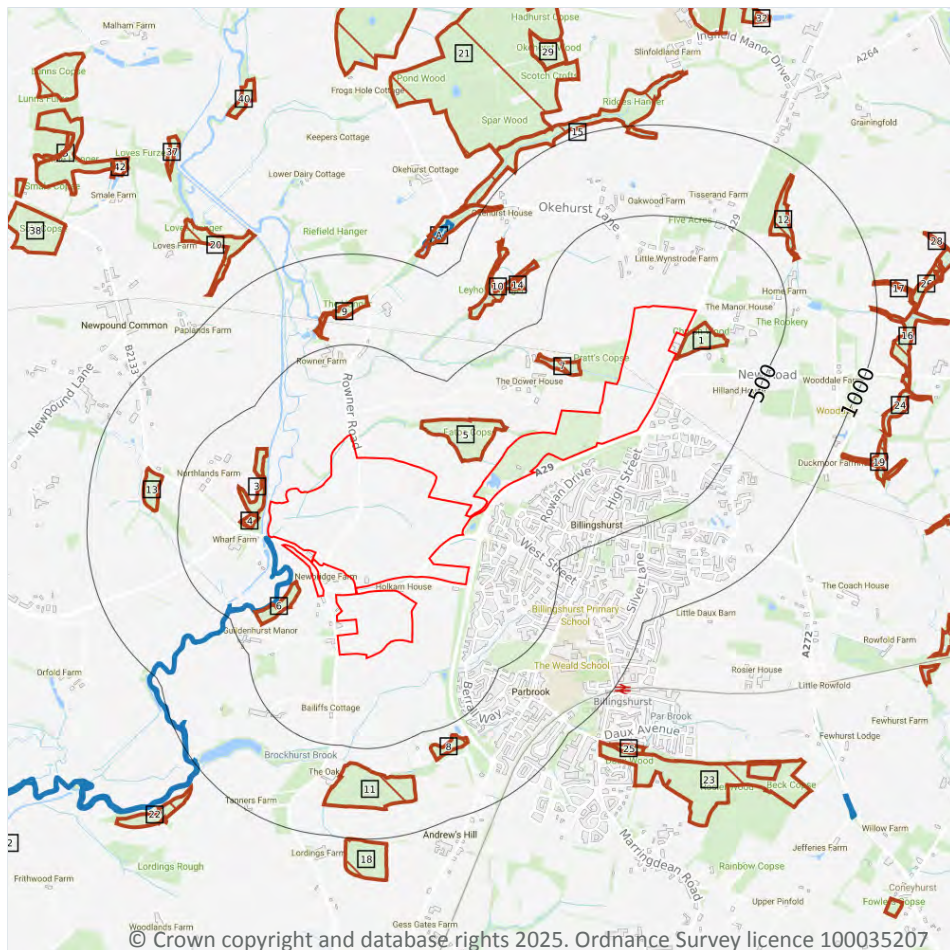
Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks 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 81](#) >

This data is sourced from Ambiantal Risk Analytics.



10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

2

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 re-notified 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 82](#) >

ID	Location	Name	Data source
2	13m W	Upper Arun	Natural England



ID	Location	Name	Data source
A	1105m N	Coppedhall Hanger	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0
-----------------------------	----------

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.

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0
-----------------------------	----------

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.

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0
-----------------------------	----------

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.

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0
-----------------------------	----------

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

0

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.

10.7 Designated Ancient Woodland

Records within 2000m

48

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.

Features are displayed on the Environmental designations map on [page 82 >](#)

ID	Location	Name	Woodland Type
1	12m NE	Unknown	Ancient & Semi-Natural Woodland
3	35m W	Unknown	Ancient & Semi-Natural Woodland
4	65m W	Unknown	Ancient Replanted Woodland
5	84m NE	Unknown	Ancient & Semi-Natural Woodland
6	88m SW	Unknown	Ancient & Semi-Natural Woodland
7	146m NE	Unknown	Ancient & Semi-Natural Woodland
8	559m S	Unknown	Ancient & Semi-Natural Woodland
9	562m NW	Unknown	Ancient & Semi-Natural Woodland
10	584m N	Unknown	Ancient & Semi-Natural Woodland
11	585m S	Unknown	Ancient & Semi-Natural Woodland
12	587m NE	Unknown	Ancient & Semi-Natural Woodland
13	614m W	Unknown	Ancient & Semi-Natural Woodland
14	622m N	Unknown	Ancient & Semi-Natural Woodland
A	922m N	Unknown	Ancient & Semi-Natural Woodland
15	927m NE	Unknown	Ancient & Semi-Natural Woodland
16	970m NE	Unknown	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
17	993m NE	Unknown	Ancient & Semi-Natural Woodland
18	1002m S	Little Lordings Wood	Ancient & Semi-Natural Woodland
19	1069m E	Unknown	Ancient & Semi-Natural Woodland
20	1082m NW	Unknown	Ancient & Semi-Natural Woodland
21	1093m N	Unknown	Ancient Replanted Woodland
22	1099m SW	Unknown	Ancient & Semi-Natural Woodland
23	1146m SE	Lime Kiln Wood, The Furze Field	Ancient & Semi-Natural Woodland
24	1184m E	Unknown	Ancient & Semi-Natural Woodland
25	1190m SE	Lime Kiln Field, The Brays	Ancient & Semi-Natural Woodland
26	1194m NE	Unknown	Ancient & Semi-Natural Woodland
27	1277m NE	Unknown	Ancient & Semi-Natural Woodland
28	1331m NE	Unknown	Ancient & Semi-Natural Woodland
29	1403m N	Unknown	Ancient Replanted Woodland
30	1523m NE	Unknown	Ancient & Semi-Natural Woodland
-	1617m NE	Unknown	Ancient & Semi-Natural Woodland
32	1625m NE	Unknown	Ancient & Semi-Natural Woodland
-	1634m NE	Unknown	Ancient & Semi-Natural Woodland
-	1653m NE	Unknown	Ancient & Semi-Natural Woodland
35	1666m E	Unknown	Ancient & Semi-Natural Woodland
-	1730m S	Unknown	Ancient & Semi-Natural Woodland
37	1750m NW	Unknown	Ancient & Semi-Natural Woodland
38	1815m NW	Unknown	Ancient & Semi-Natural Woodland
-	1853m S	Hadfold And Marringdean Wood	Ancient & Semi-Natural Woodland
40	1863m NW	Unknown	Ancient & Semi-Natural Woodland
-	1891m E	Unknown	Ancient & Semi-Natural Woodland
42	1906m NW	Unknown	Ancient & Semi-Natural Woodland
-	1927m W	Unknown	Ancient & Semi-Natural Woodland
-	1932m E	Unknown	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
-	1933m E	Unknown	Ancient & Semi-Natural Woodland
-	1957m NE	Unknown	Ancient & Semi-Natural Woodland
B	1966m NW	Unknown	Ancient & Semi-Natural Woodland
-	1983m W	Unknown	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m	0
-----------------------------	----------

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	0
-----------------------------	----------

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	0
-----------------------------	----------

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	0
-----------------------------	----------

Areas designated to prevent urban sprawl by keeping land permanently open.

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



10.12 Proposed Ramsar sites

Records within 2000m**0**

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**0**

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**0**

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**0**

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.



10.16 Nitrate Vulnerable Zones

Records within 2000m**2**

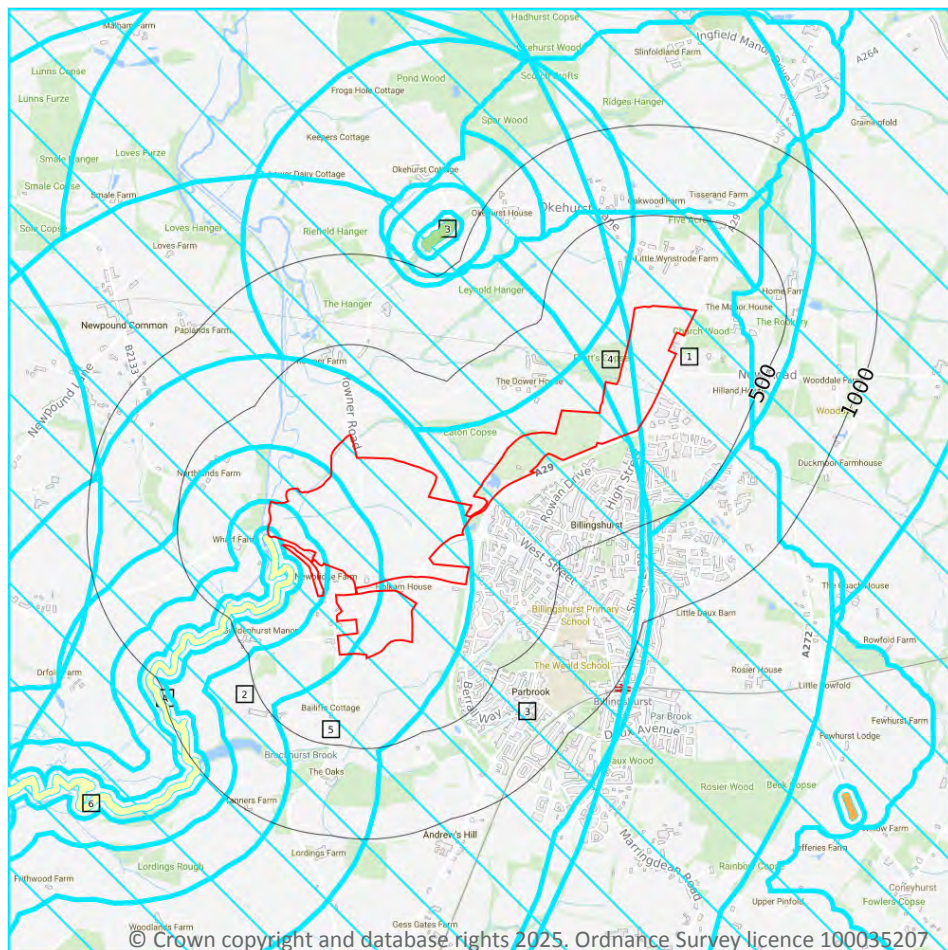
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	River Arun (u/s Pallingham) NVZ	Surface Water	523	Existing
On site	River Arun (u/s Pallingham) NVZ	Surface Water	523	Existing

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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

7

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 89](#) >



ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. 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. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m². Combustion - General combustion processes >50MW 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. 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 1,000m² or more. Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.
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 and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. 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 > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50MW 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. 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 > 1,000m² or any development needing its own water supply . Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.

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 and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. 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. Rural residential - Any residential development of 100 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50MW 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. 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 1,000m² or more. Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.
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 and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. 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. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50MW 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. 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 1,000m² or more. Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.



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 and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. 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 > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50MW 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. 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 > 1,000m² or any development needing its own water supply . Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.
A	On site	All applications - ALL PLANNING APPLICATIONS - EXCEPT HOUSEHOLDER APPLICATIONS. Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.



ID	Location	Type of developments requiring consultation
A	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 and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. 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 > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50MW 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. 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 > 1,000m² or any development needing its own water supply . Notes: SUSSEX NORTH WATER SUPPLY ZONE. All new development that requires a public water supply requires an HRA to assess the impacts of groundwater abstraction on Arun Valley SPA/SAC/Ramsar. LPAs to refer to Natural England's Statement and Advice Note.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

3

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 89 >](#)

ID: 6
 Location: 13m W
 SSSI name: Upper Arun
 Unit name: New Bridge To Harsford Hanger
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - Recovering
 Reportable features:



Feature name	Feature condition	Date of assessment
Outstanding dragonfly assemblage	Unfavourable - Recovering	12/08/2011

ID: B
Location: 1105m N
SSSI name: Coppedhall Hanger
Unit name: 1
Broad habitat: Earth Heritage
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
EW - Wealden	Favourable	13/09/2012

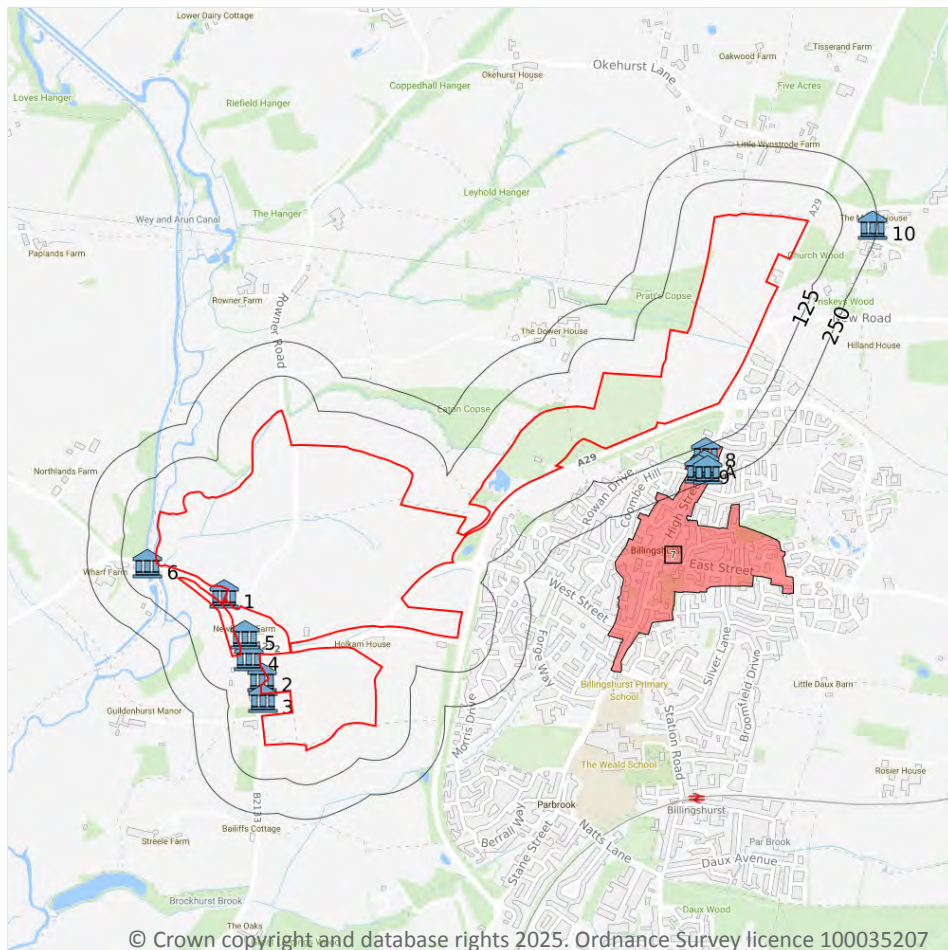
ID: B
Location: 1120m N
SSSI name: Coppedhall Hanger
Unit name: 2
Broad habitat: Earth Heritage
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
EW - Wealden	Favourable	13/09/2012

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



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

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

0

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

0

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 well-being 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

11

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.

Features are displayed on the Visual and cultural designations map on [page 95 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	8m SW	Hole Cottage	II	1027101	22/09/1959
2	16m SW	Diggles	II	1354125	28/11/1980
3	17m SW	The Lime Burners Arms Public House	II	1356651	28/11/1980
4	30m SW	Newbridge Cottage	II	1192793	28/11/1980
5	33m SW	Newbridge Farmhouse	II	1027102	22/09/1959
6	33m W	New Bridge	II	1227432	22/02/1955



ID	Location	Name	Grade	Reference Number	Listed date
8	148m E	The Manor House Including Attached Outbuilding And Garden Wall With Pump And Tank	II	1380083	11/02/2000
A	187m E	The White Cottage	II	1354104	28/11/1980
9	197m E	Oakwood Cottages	II	1192724	28/11/1980
A	209m E	Highseat	II	1286509	28/11/1980
10	236m NE	Summers Place	II	1261218	09/11/1984

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

11.5 Conservation Areas

Records within 250m

1

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.

Features are displayed on the Visual and cultural designations map on [page 95 >](#)

ID	Location	Name	District	Date of designation
7	119m E	Billingshurst	Horsham	1973

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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.

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



11.7 Registered Parks and Gardens

Records within 250m

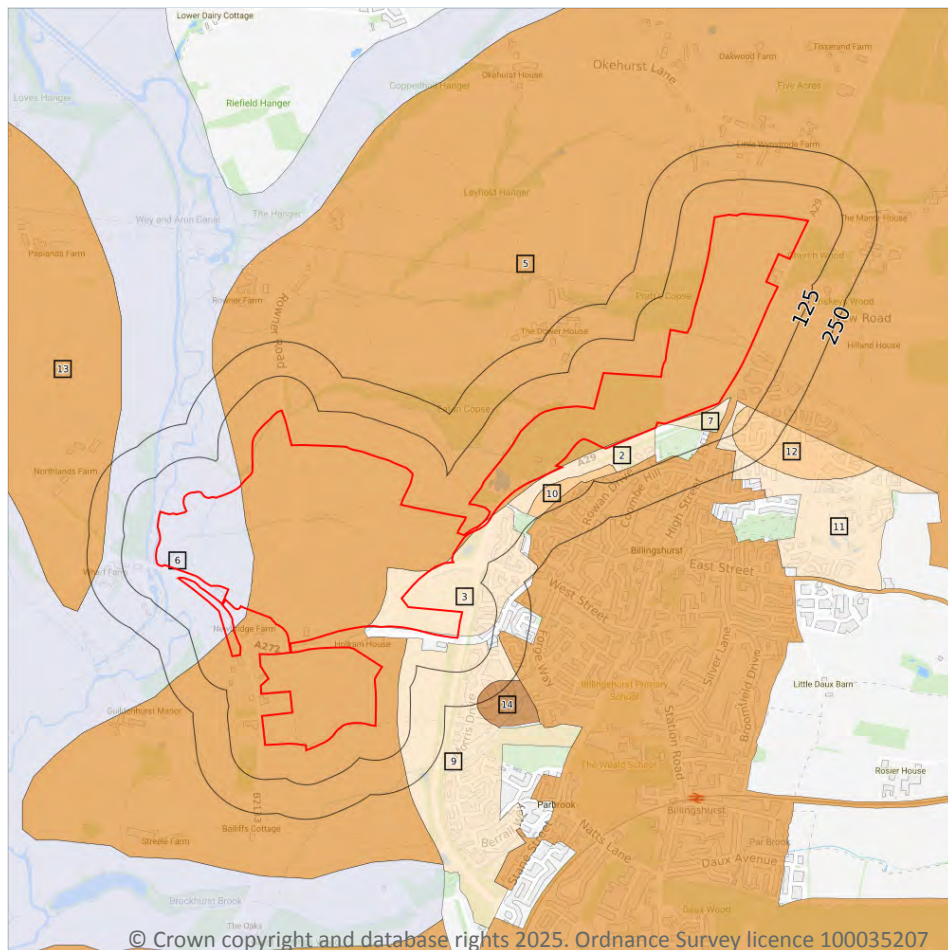
0

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



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

11

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 99](#) >

ID	Location	Classification	Description
2	On site	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.



ID	Location	Classification	Description
3	On site	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.
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	1m 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.
9	22m S	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.
10	39m 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.
11	51m 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.
12	78m 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.
13	189m W	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.
14	205m S	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m**0**

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.

12.3 Tree Felling Licences

Records within 250m**0**

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.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m**5**

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
68m W	AG00702571	Entry Level plus Higher Level Stewardship	01/02/2013	31/01/2023
82m W	AG00702571	Entry Level plus Higher Level Stewardship	01/02/2013	31/01/2023
82m W	AG00409968	Entry Level plus Higher Level Stewardship	01/05/2010	30/04/2023
195m SW	AG00428903	Entry Level plus Higher Level Stewardship	01/02/2013	31/01/2023
230m W	AG00428903	Entry Level plus Higher Level Stewardship	01/02/2013	31/01/2023

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m**3**

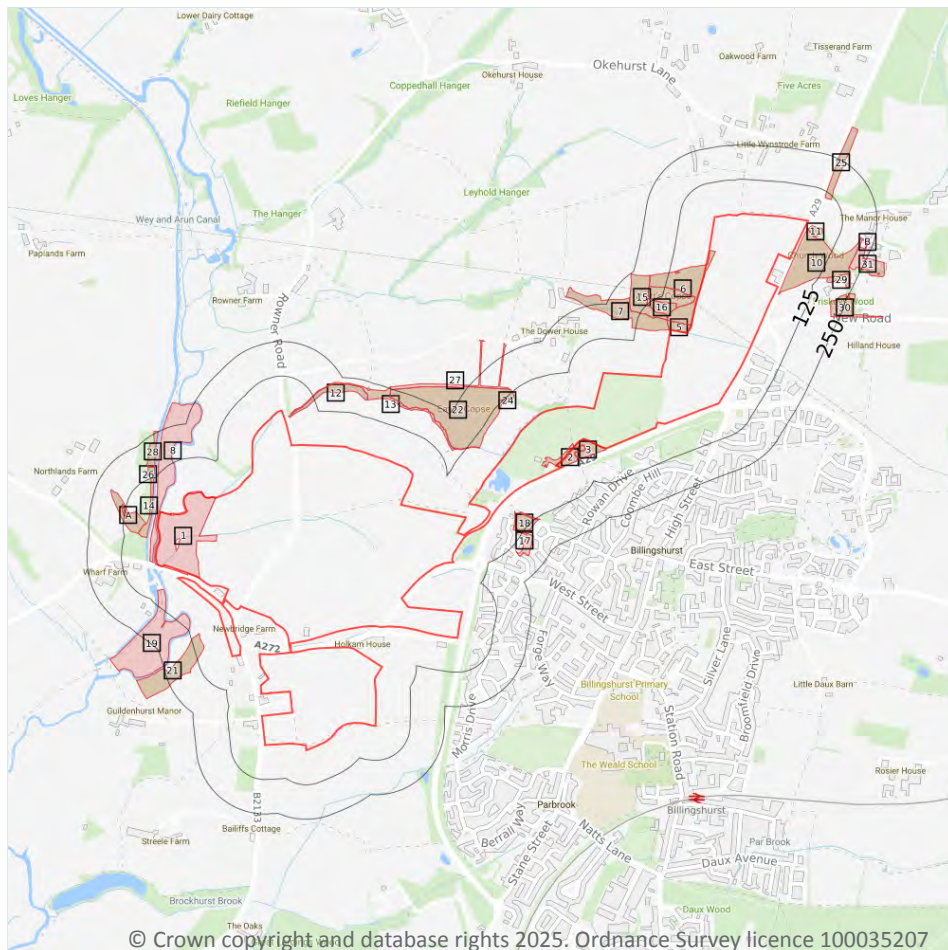
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
67m W	1641633	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028
81m W	1641633	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028
175m W	1639692	Countryside Stewardship (Middle Tier)	01/01/2024	31/12/2028

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 Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

36

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 103](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	5m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	5m W	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
9	9m NE	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
10	10m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	13m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	16m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	26m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	28m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	37m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	43m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	43m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	55m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	65m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
19	67m W	Coastal and floodplain grazing marsh	Main habitat: CFPGM (FEP + HLS)
20	71m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	88m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
22	90m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	90m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	98m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
25	104m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	113m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	135m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
27	138m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
28	153m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
29	153m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
30	199m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
31	207m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	220m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	228m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
32	248m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m **0**

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.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m **0**

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

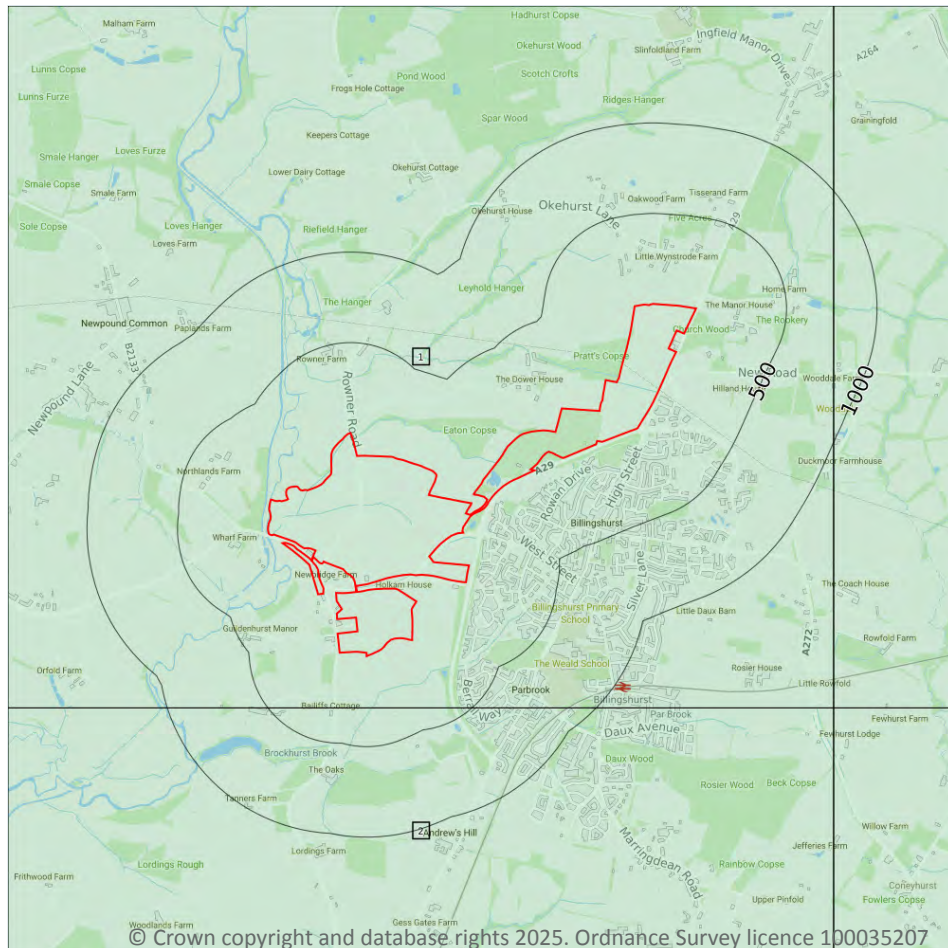
Records within 250m **0**

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.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

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 106](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	TQ02NE
2	286m S	Full	Full	Full	Full	TQ02SE

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

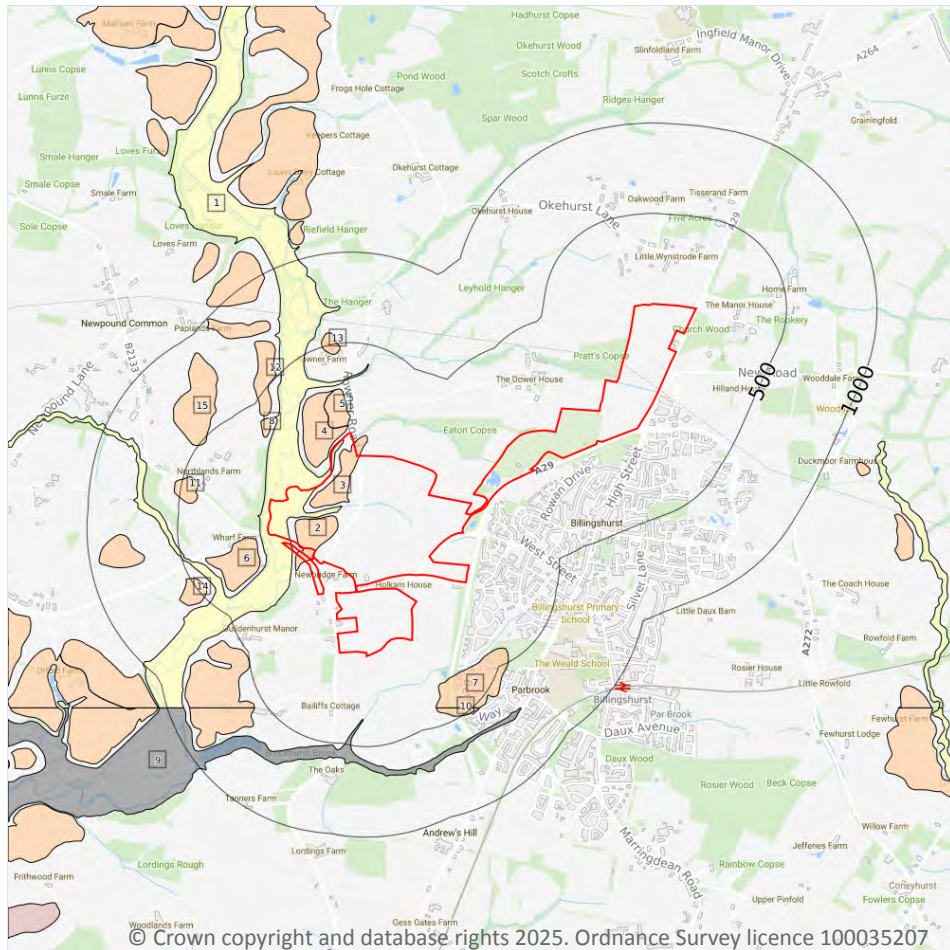
0

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.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

15

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 108](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
2	On site	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel
3	On site	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel
4	16m W	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
5	44m NW	AR3-XSV	Arun Terrace Deposits, 3 Member - Sand And Gravel	Sand And Gravel
6	79m W	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel
7	287m S	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel
8	307m W	AR2T3-XSV	River Terrace Deposits, 2 To 3 (arun) - Sand And Gravel	Sand And Gravel
9	351m S	ALV-C	Alluvium - Clay (unlithified Deposits Coding Scheme)	Clay
10	398m S	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel
11	401m W	AR5-XSV	Arun Terrace Deposits, 5 Member - Sand And Gravel	Sand And Gravel
12	406m NW	AR2T3-XSV	River Terrace Deposits, 2 To 3 (arun) - Sand And Gravel	Sand And Gravel
13	445m NW	AR3-XSV	Arun Terrace Deposits, 3 Member - Sand And Gravel	Sand And Gravel
14	449m W	AR2-XSV	Arun Terrace Deposits, 2 Member - Sand And Gravel	Sand And Gravel
15	481m W	AR5-XSV	Arun Terrace Deposits, 5 Member - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

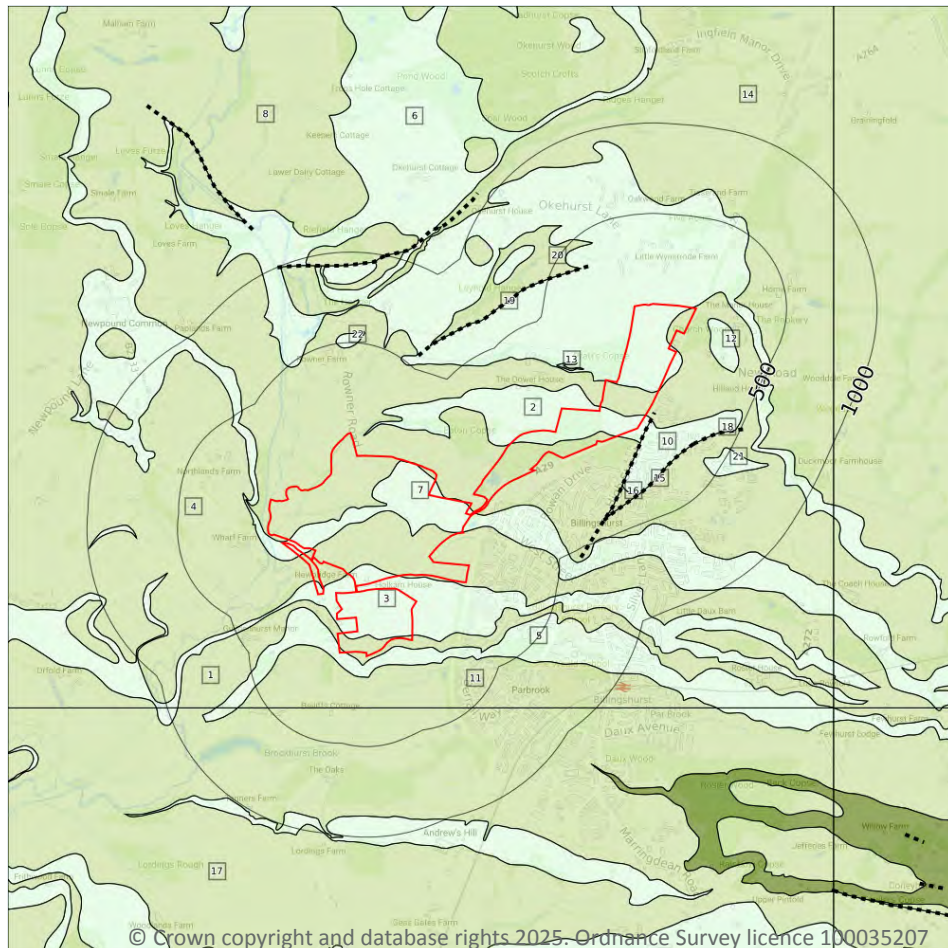
0

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.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

18

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 110](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
2	On site	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
3	On site	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
4	On site	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age



ID	Location	LEX Code	Description	Rock age
5	On site	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
6	On site	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
7	On site	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
8	On site	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
10	40m E	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
11	45m SW	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
12	90m NE	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
13	137m NE	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
14	217m NE	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
16	267m E	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
17	286m S	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
20	365m NE	WC-MDST	Weald Clay Formation - Mudstone	Barremian Age - Hauterivian Age
21	403m E	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age
22	472m NW	WC-SDST	Weald Clay Formation - Sandstone	Barremian Age - Hauterivian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

4

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.

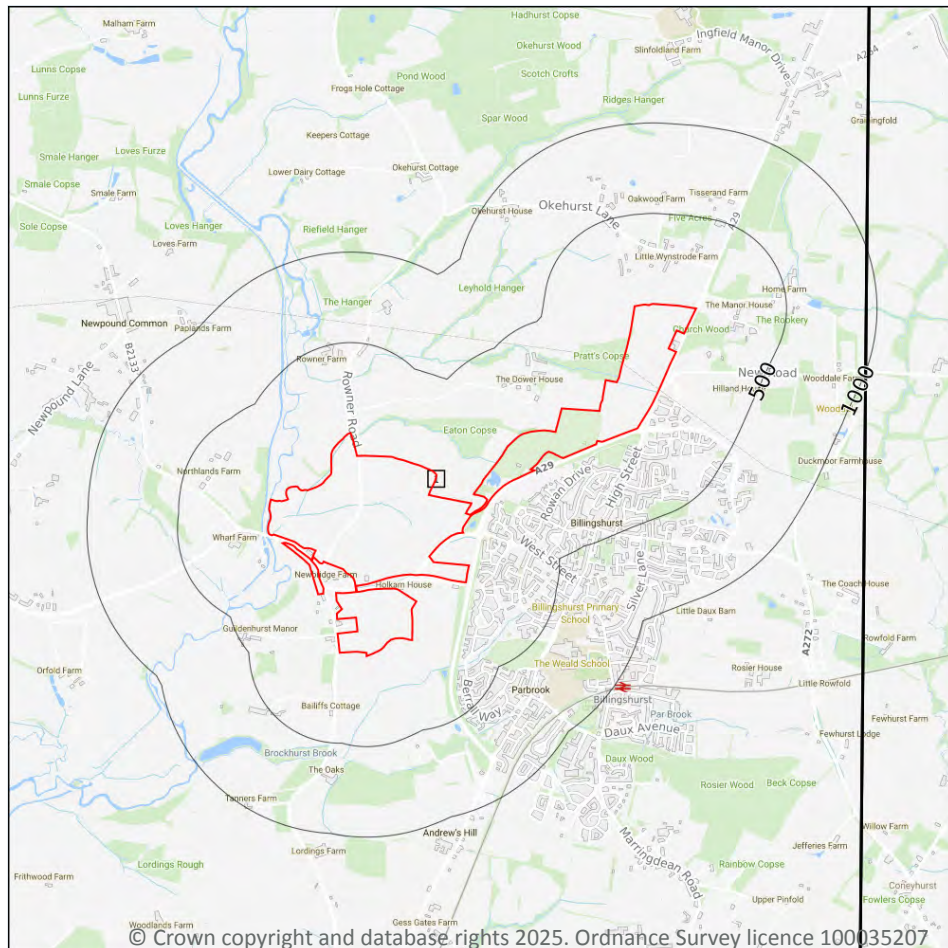
Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 110](#) >

ID	Location	Category	Description
9	34m E	FAULT	Normal fault, inferred; crossmarks on downthrow side
15	263m E	FAULT	Normal fault, inferred; crossmarks on downthrow side
18	309m E	FAULT	Normal fault, inferred; crossmarks on downthrow side
19	339m NE	FAULT	Normal fault, observed; crossmark on downthrow side

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

☐ Geological map tile

15.1 50k Availability

Records within 500m

1

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 112](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	Full	EW301_haslemere_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

0

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.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

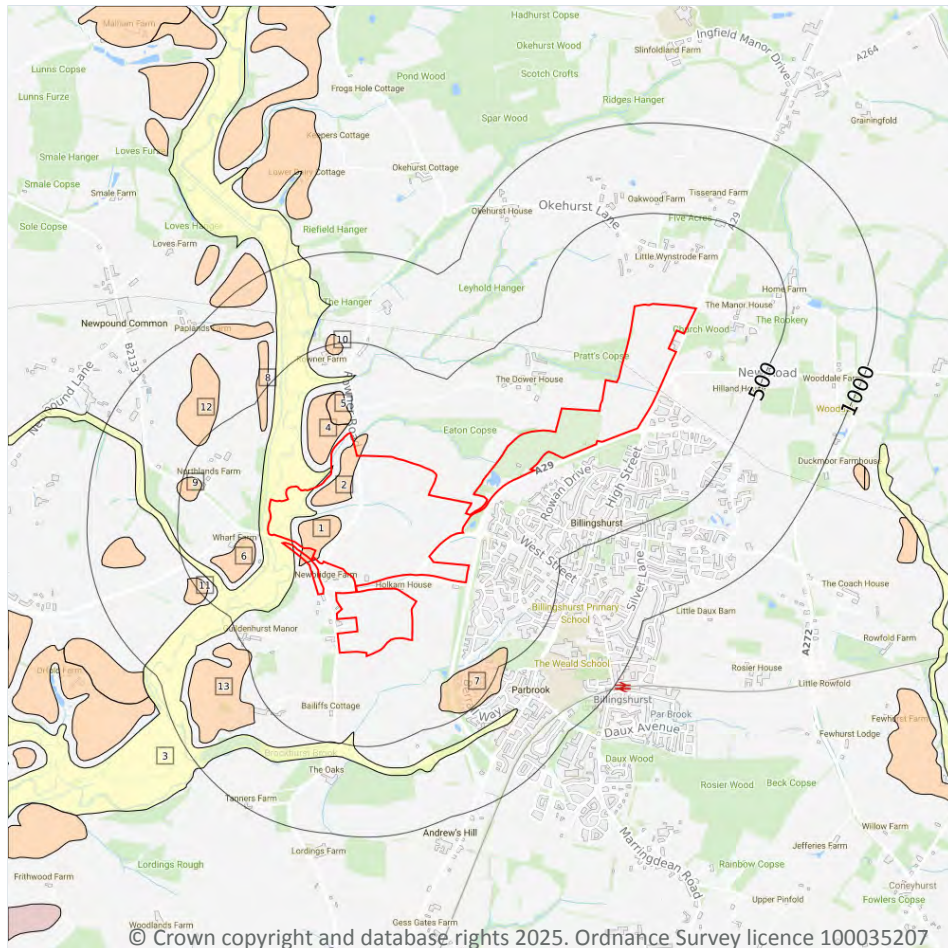
0

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.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

13

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 114](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL
2	On site	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL
3	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
4	9m W	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	52m NW	AR3-XSV	ARUN TERRACE DEPOSITS, 3 MEMBER	SAND AND GRAVEL
6	98m W	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL
7	292m S	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL
8	344m W	AR2T3-XSV	ARUN RIVER TERRACE DEPOSITS, 2 MEMBER AND ARUN RIVER TERRACE DEPOSITS, 3 MEMBER, UNDIFFERENTIATED	SAND AND GRAVEL
9	388m W	AR5-XSV	ARUN TERRACE DEPOSITS, 5 MEMBER	SAND AND GRAVEL
10	441m NW	AR3-XSV	ARUN TERRACE DEPOSITS, 3 MEMBER	SAND AND GRAVEL
11	445m W	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL
12	479m W	AR5-XSV	ARUN TERRACE DEPOSITS, 5 MEMBER	SAND AND GRAVEL
13	485m SW	AR2-XSV	ARUN TERRACE DEPOSITS, 2 MEMBER	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

4

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	High	Very Low
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
9m W	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

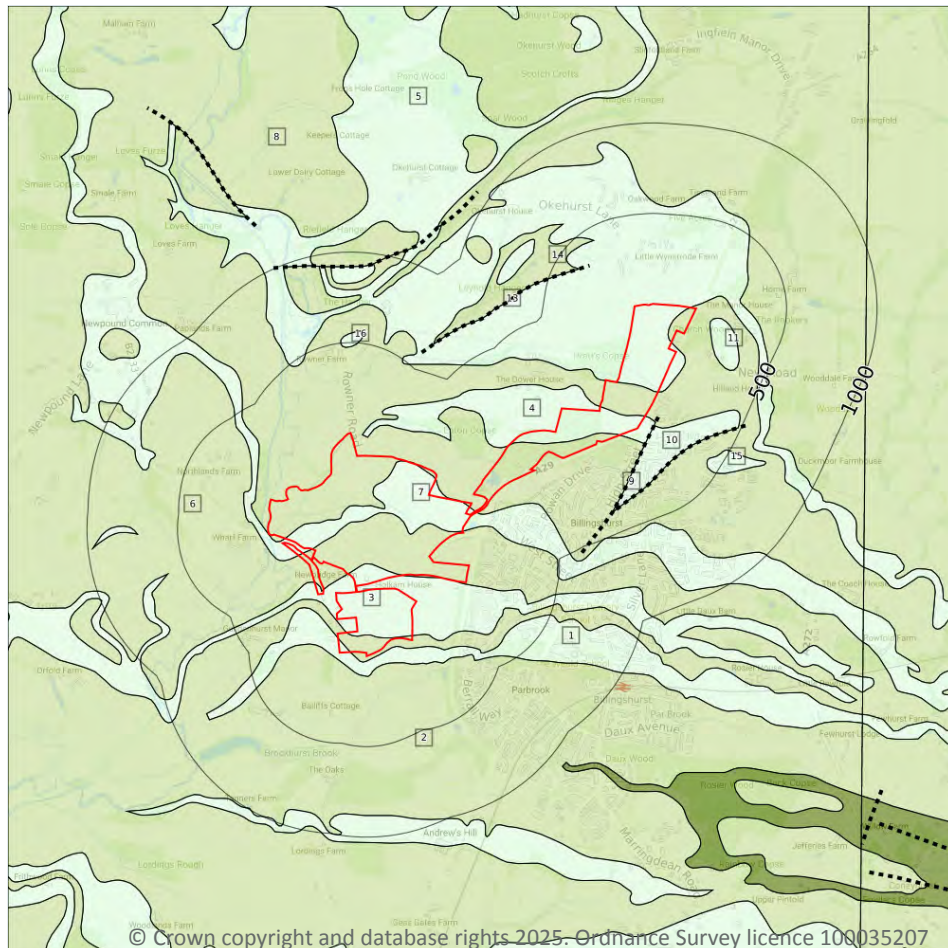
0

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).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

---- Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

13

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 117](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
2	On site	WC-MDST	WEALD CLAY FORMATION - MUDSTONE	HAUTERIVIAN
3	On site	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
4	On site	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN



ID	Location	LEX Code	Description	Rock age
5	On site	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
6	On site	WC-MDST	WEALD CLAY FORMATION - MUDSTONE	HAUTERIVIAN
7	On site	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
8	On site	WC-MDST	WEALD CLAY FORMATION - MUDSTONE	HAUTERIVIAN
10	70m E	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
11	103m NE	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
14	371m NE	WC-MDST	WEALD CLAY FORMATION - MUDSTONE	HAUTERIVIAN
15	422m E	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN
16	474m NW	WC-SDST	WEALD CLAY FORMATION - SANDSTONE	HAUTERIVIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

9

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	Mixed	Moderate	Moderate
On site	Mixed	Moderate	Moderate
On site	Mixed	Moderate	Moderate
On site	Mixed	Moderate	Moderate
On site	Mixed	Moderate	Moderate
On site	Fracture	Low	Very Low
On site	Fracture	Low	Very Low
On site	Fracture	Low	Very Low
36m SW	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

3

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.

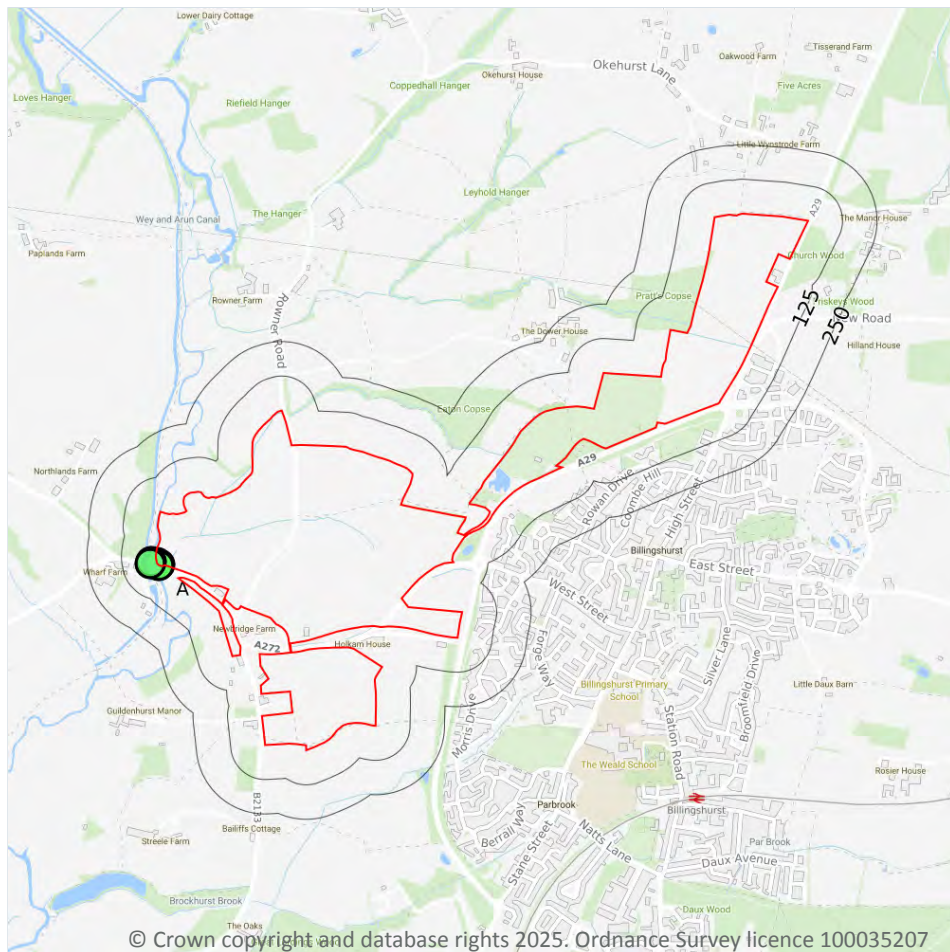
Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 117](#) >

ID	Location	Category	Description
9	64m E	FAULT	Fault, inferred, displacement unknown
12	259m E	FAULT	Fault, inferred, displacement unknown
13	336m NE	FAULT	Fault, observed, displacement unknown

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

5

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 120](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	On site	506879 125966	BILLINGSHURST NEWBRIDGE 3	15.7	N	570401 ↗
A	On site	506887 125961	BILLINGSHURST NEWBRIDGE 4	15.8	N	570402 ↗
A	3m W	506885 125955	BILLINGSHURST NEWBRIDGE 5	15.45	N	570403 ↗

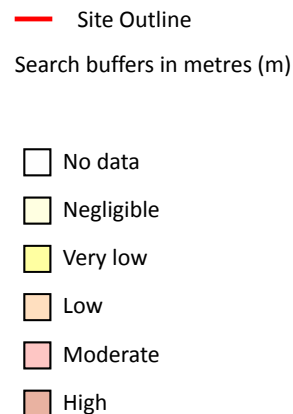
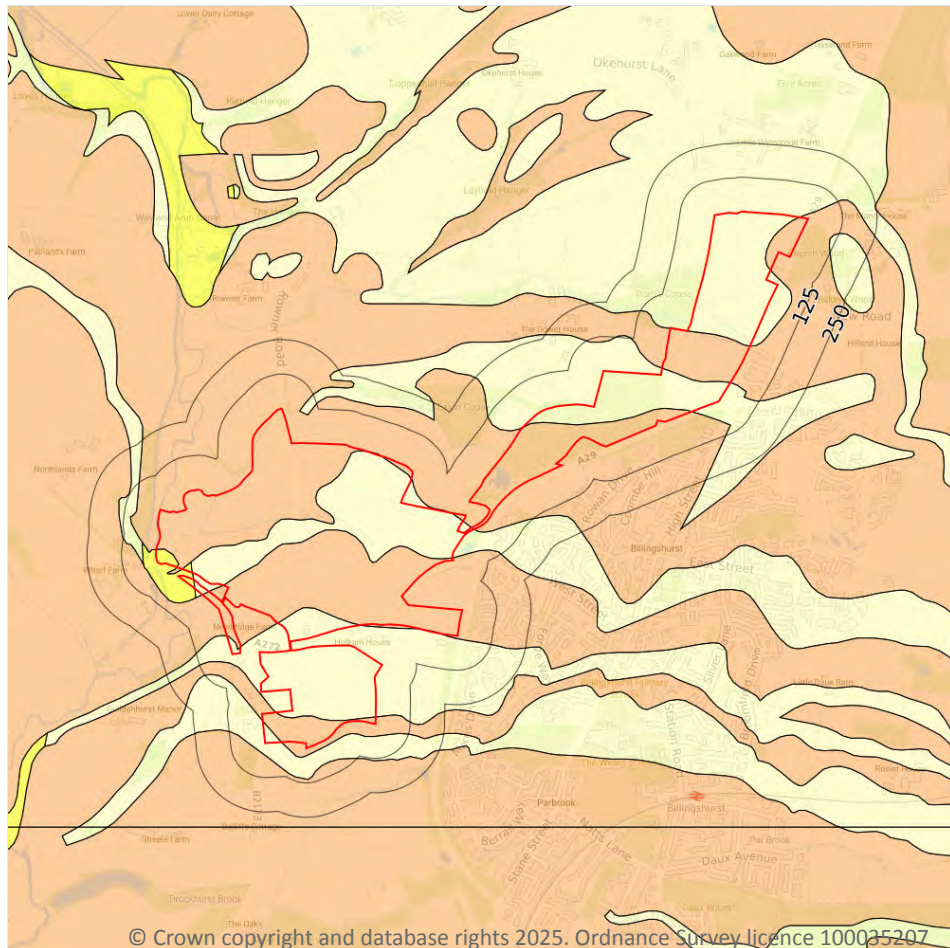


ID	Location	Grid reference	Name	Length	Confidential	Web link
A	20m W	506856 125972	BILLINGSHURST NEWBRIDGE 2	10.0	N	570400 ↗
A	25m W	506853 125964	BILLINGSHURST NEWBRIDGE 1	10.4	N	570399 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

5

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 122 >](#)

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

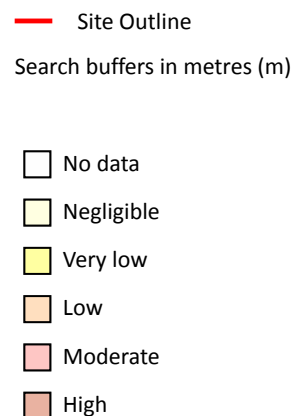
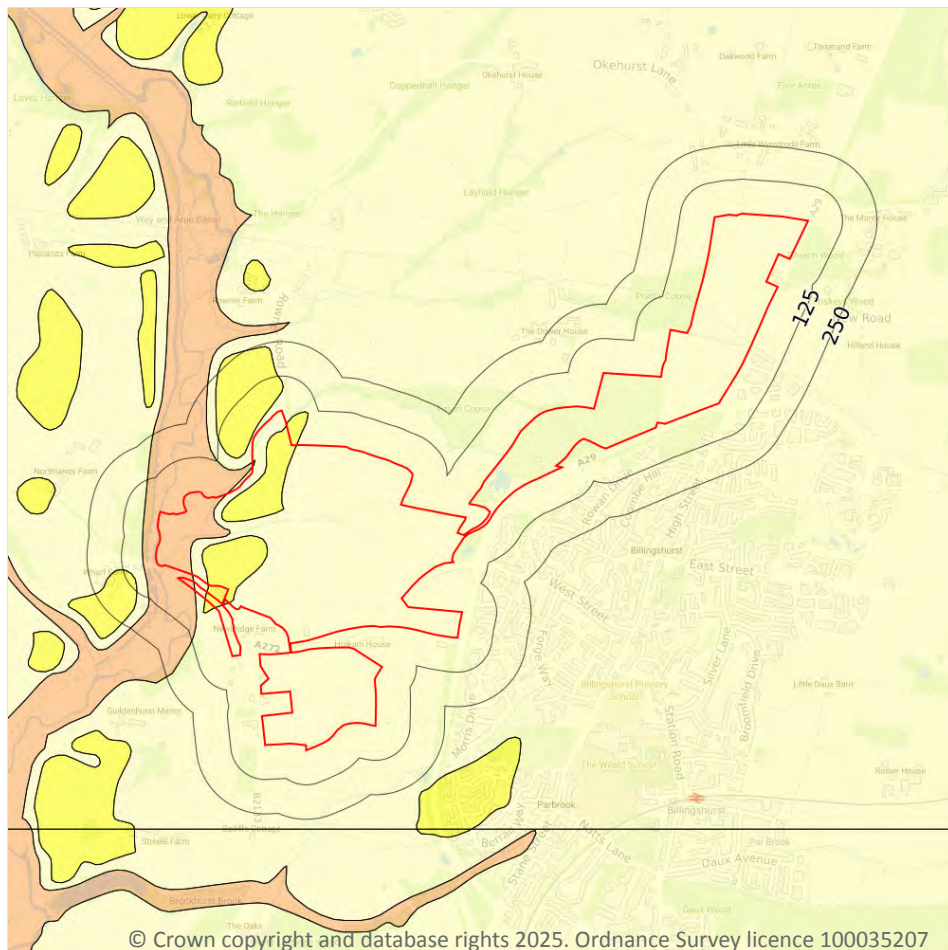


Location	Hazard rating	Details
36m SW	Low	Ground conditions predominantly medium plasticity.
48m W	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

5

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 124 >](#)

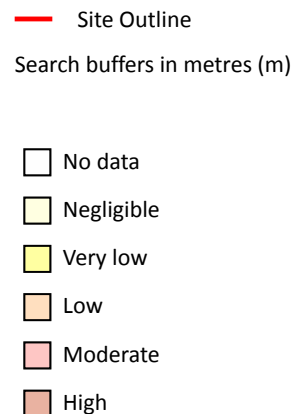
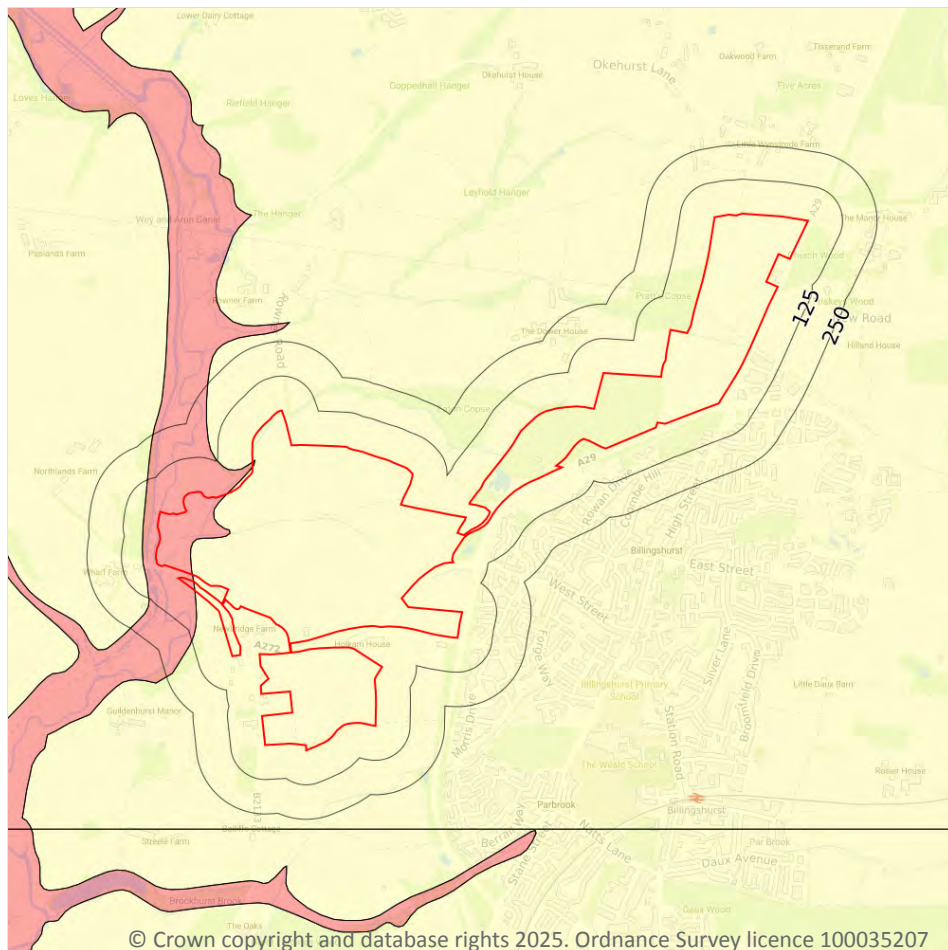
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

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.
9m W	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
48m W	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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

3

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 126 >](#)

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



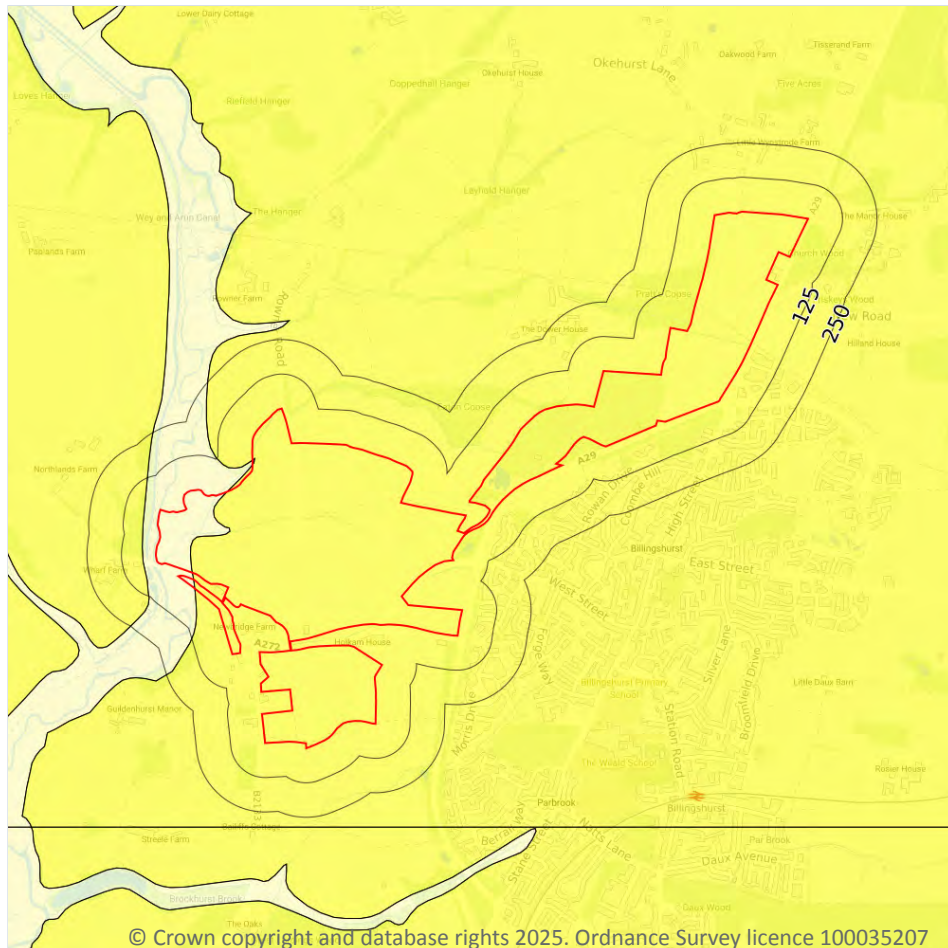
Location	Hazard rating	Details
----------	---------------	---------

48m W	Negligible	Compressible strata are not thought to occur.
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This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline**
- Search buffers in metres (m)**
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

3

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 128](#) >

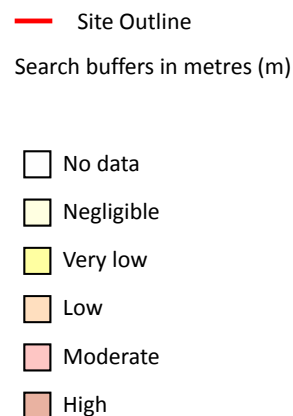
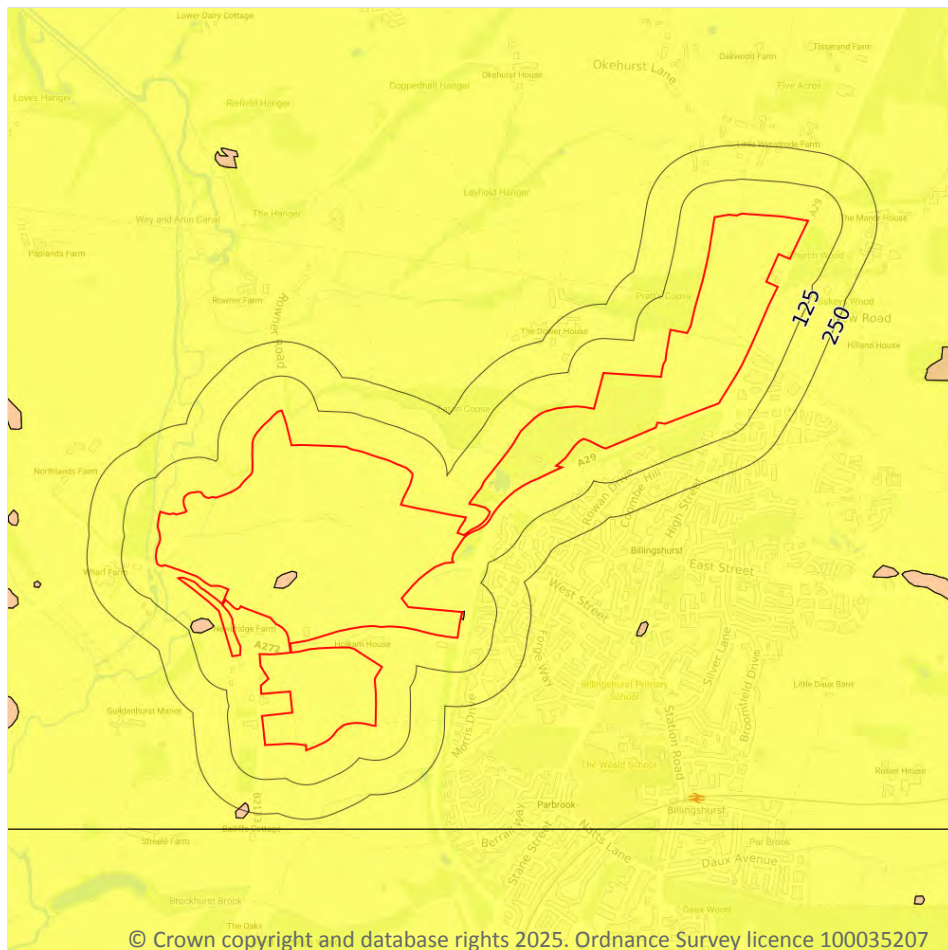
Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
48m W	Very low	Deposits with potential to collapse 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

3

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 130](#) >

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.

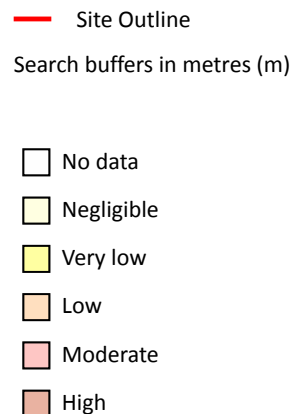
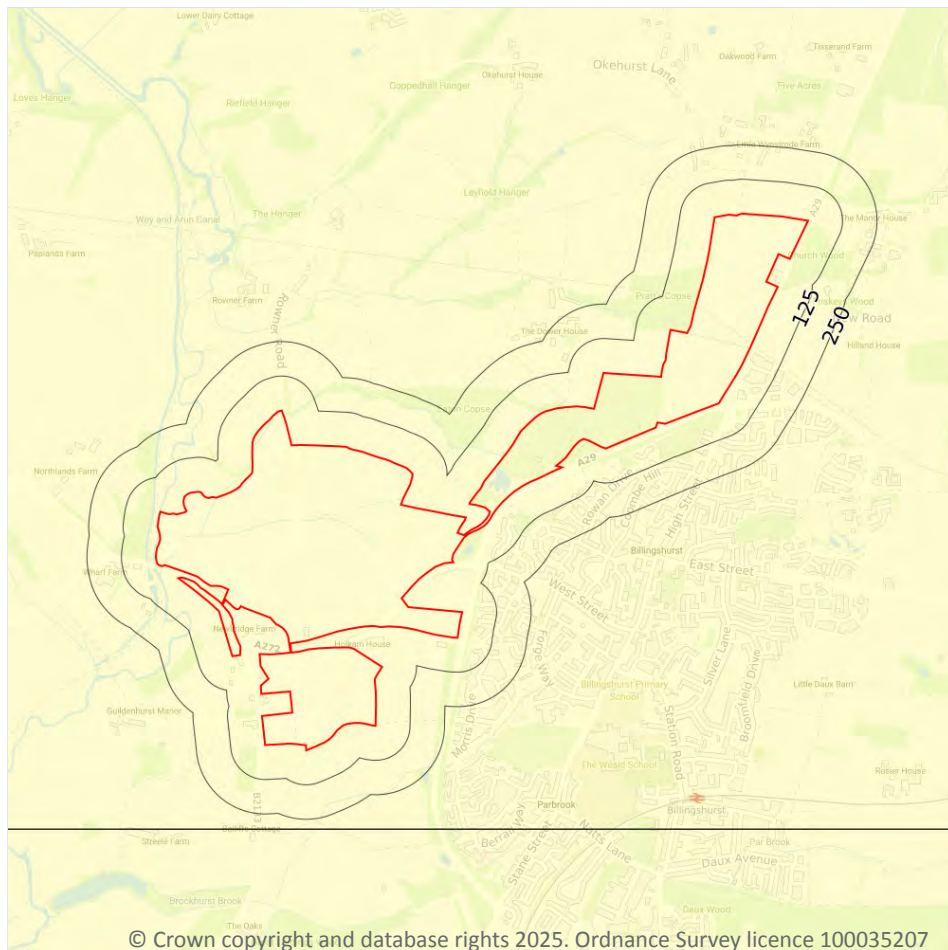


Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
34m SW	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

1

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 132](#) >

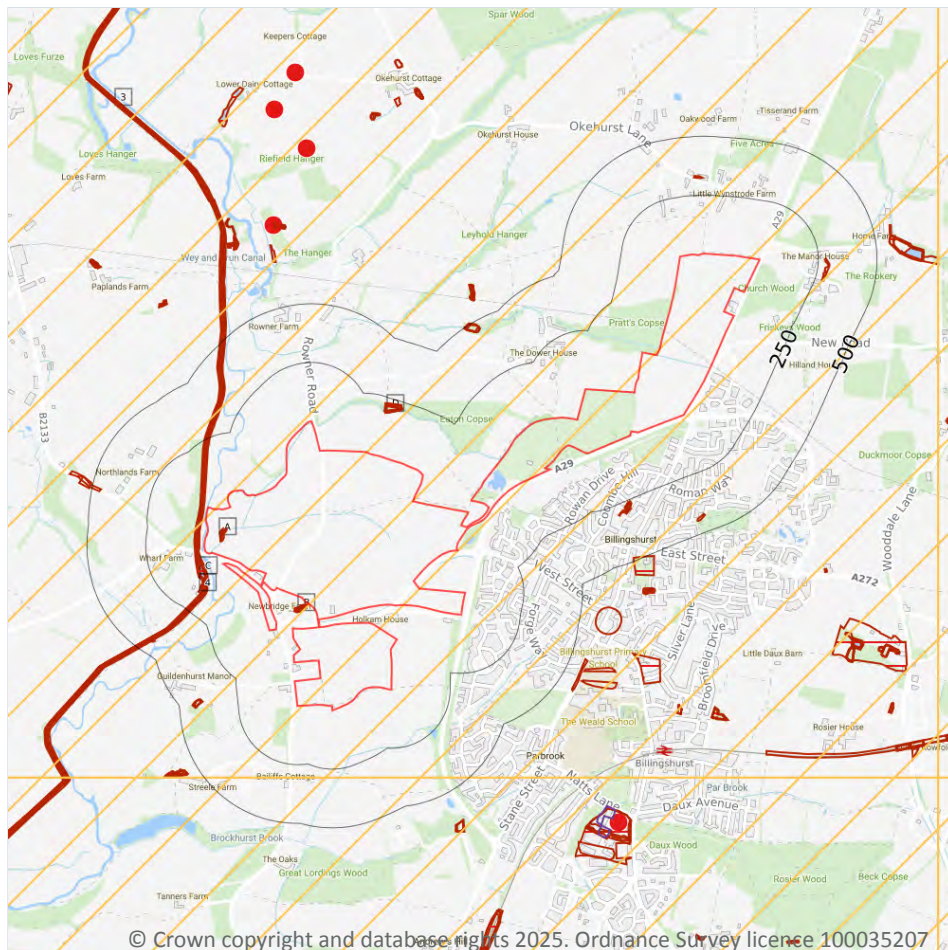
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

21

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 and ground workings map on [page 134](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Pond	1956	1:10560
A	On site	Pond	1947	1:10560
A	On site	Pond	1896	1:10560
B	6m SW	Ponds	1876	1:10560
B	8m SW	Pond	1947	1:10560
B	8m SW	Pond	1896	1:10560
B	8m SW	Pond	1909	1:10560
B	12m SW	Ponds	1973	1:10000
B	12m SW	Ponds	1956	1:10560
C	15m W	Canal	1876	1:10560
2	20m W	Disused Canal	1973	1:10000
C	20m W	Disused Canal	1947	1:10560
C	20m W	Disused Canal	1896	1:10560
C	20m W	Disused Canal	1909	1:10560
3	22m W	Old Canal	1956	1:10560
4	122m W	Unspecified Wharf	1876	1:10560
D	185m NW	Fish Pond	1947	1:10560
D	185m NW	Pond	1896	1:10560
D	185m NW	Fish Pond	1909	1:10560
D	190m NW	Fish Pond	1956	1:10560
D	194m NW	Pond	1876	1:10560

This is data is sourced from Ordnance Survey/Groundsure.



18.3 Underground workings

Records within 1000m

0

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

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

3

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 and ground workings map on [page 134](#) >

ID	Location	Name	Commodity	Class	Likelihood
1	On site	Not available	Iron Ore	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.



ID	Location	Name	Commodity	Class	Likelihood
6	286m S	Not available	Iron Ore	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
16	760m NE	Not available	Iron Ore	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

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.

18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.



18.10 Mining record office plans

Records within 500m**0**

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m**0**

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site**0**

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site**0**

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.

18.14 Gypsum areas

Records on site**0**

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.



18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
-----------------	---

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 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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.

19.2 Mining cavities

Records within 1000m

0

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.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

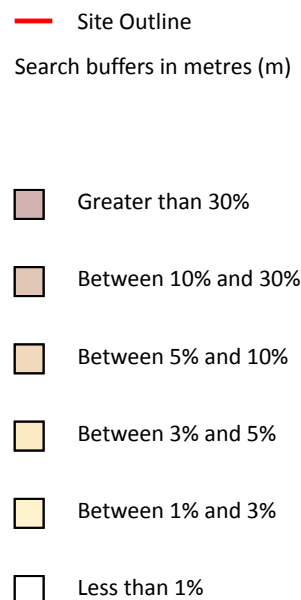
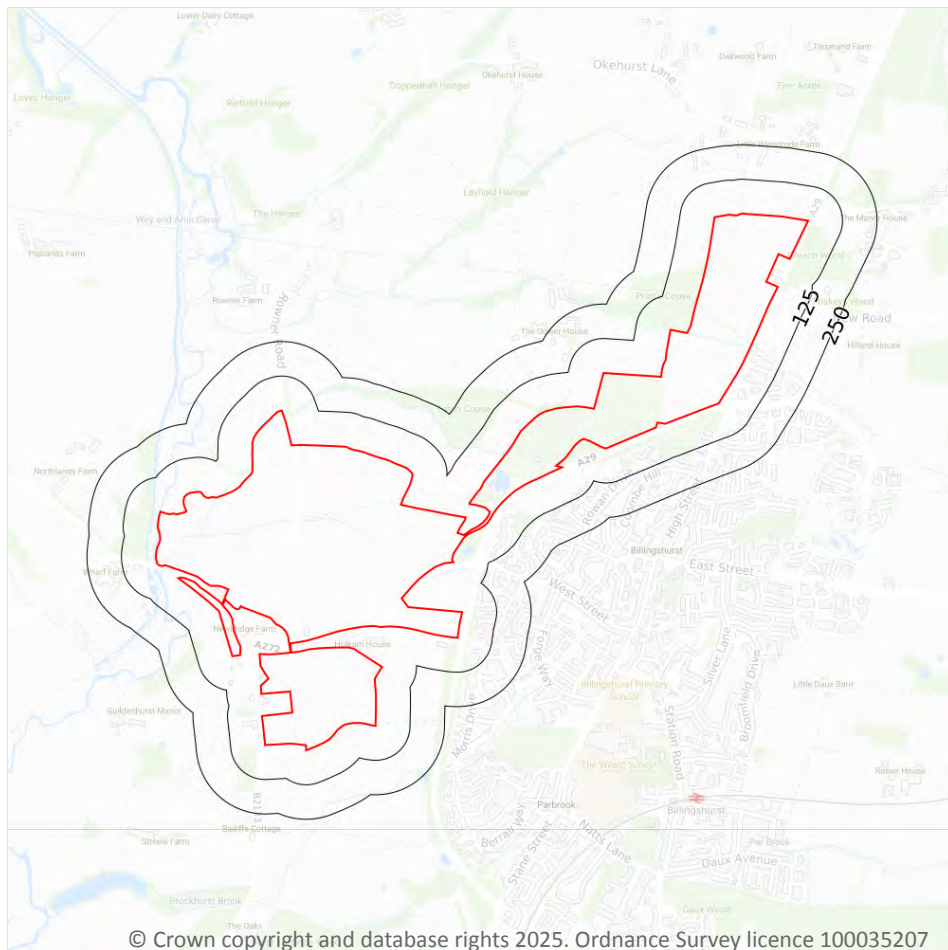
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 142](#) >

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



This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

73

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 km². 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 km²; 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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
9m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
15m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
15m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
16m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
21m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
24m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
24m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
27m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
36m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
36m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
38m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
38m SE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
43m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
48m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
49m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
50m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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 km²).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

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 km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m	0
---------------------	---

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.

22.2 Underground railways (Non-London)

Records within 250m	0
---------------------	---

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.

22.3 Railway tunnels

Records within 250m	0
---------------------	---

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	0
---------------------	---

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.

22.5 Royal Mail tunnels

Records within 250m	0
---------------------	---

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.



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0
---------------------	---

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0
---------------------	---

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0
---------------------	---

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.

22.9 HS2

Records within 500m	0
---------------------	---

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.



Data providers

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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_1
Grid Ref: 506807, 125008

Map Name: County Series

Map date: 1876

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

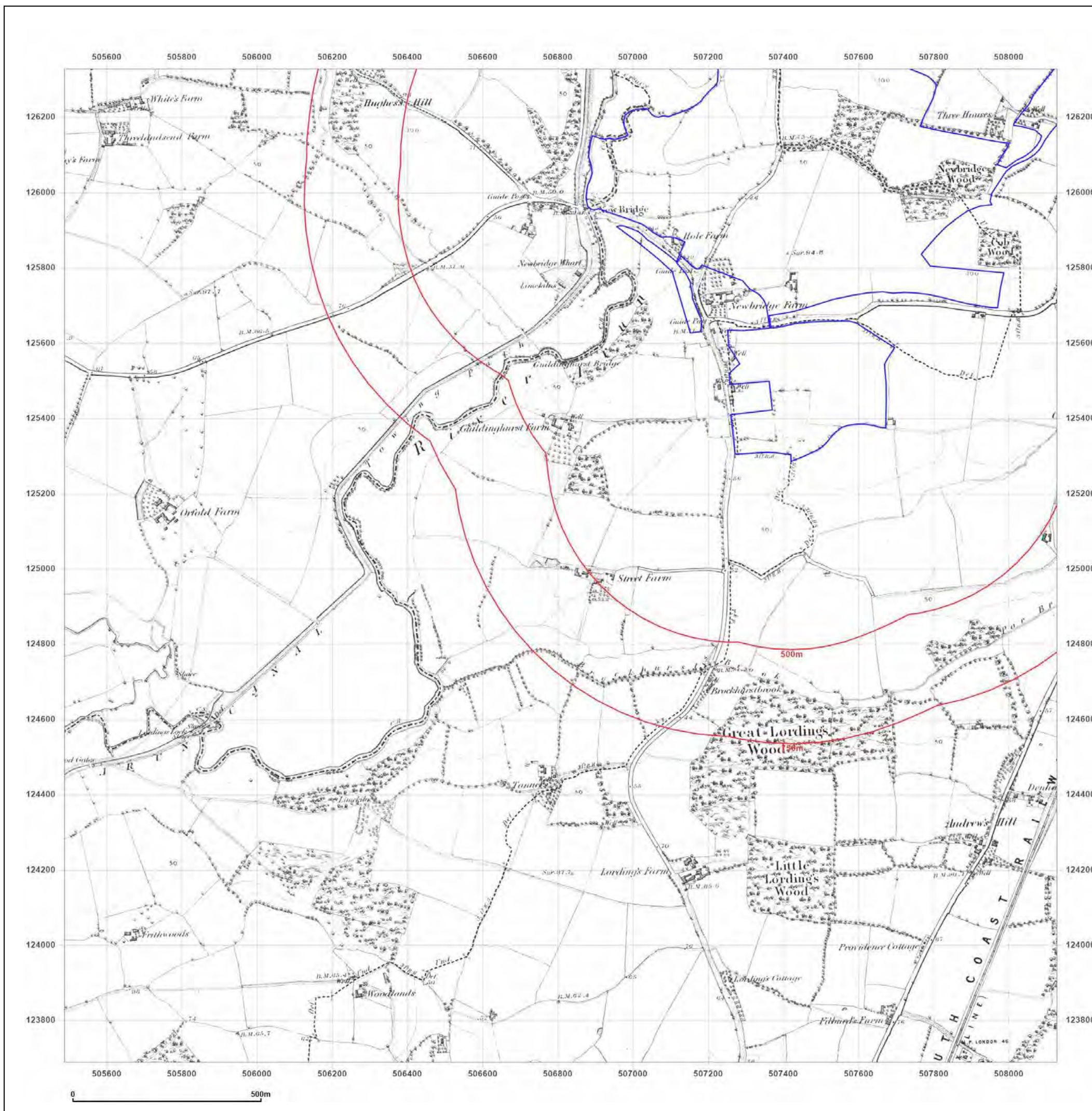


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_1
Grid Ref: 506807, 125008

Map Name: County Series

Map date: 1896

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

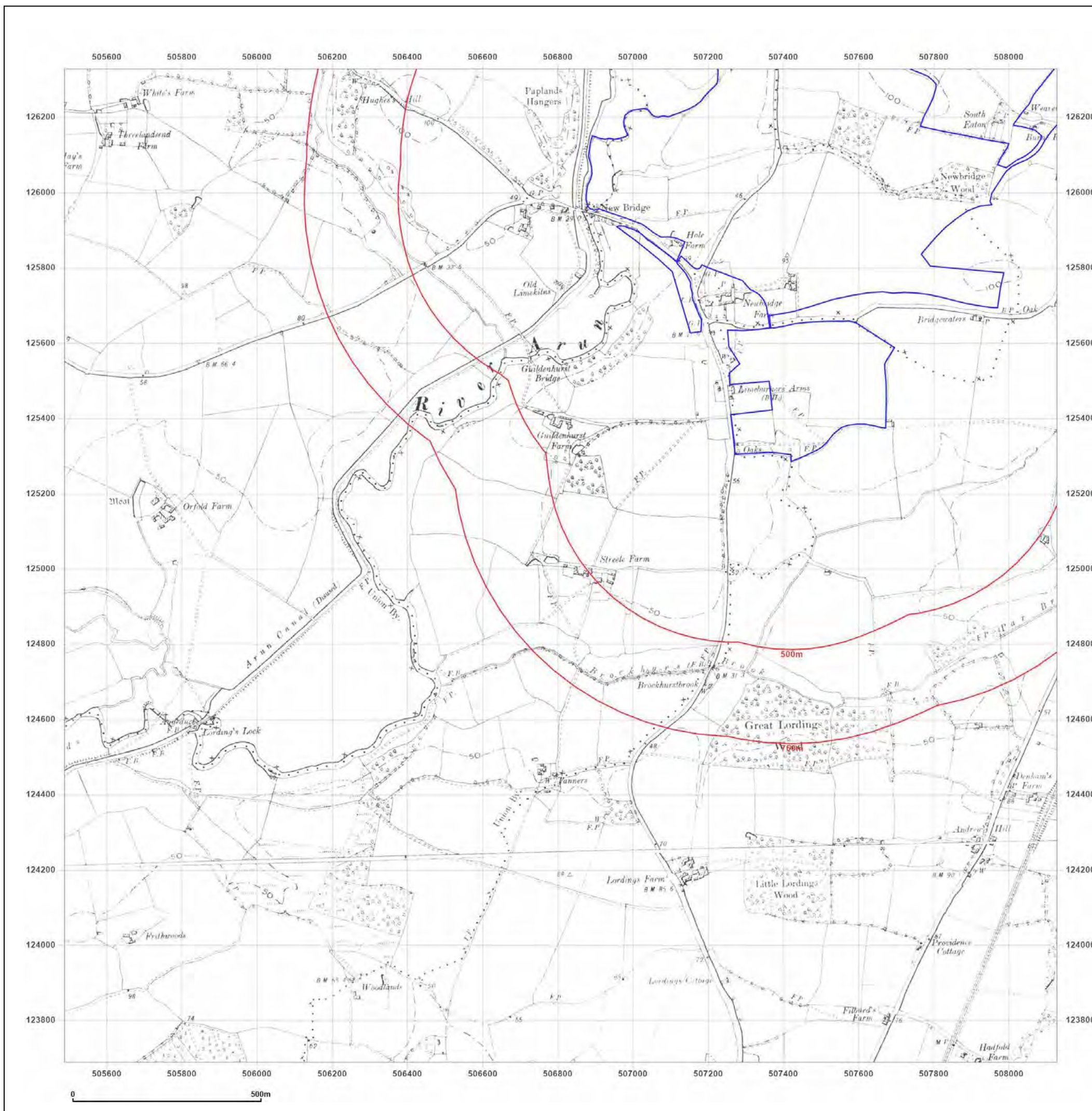


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_1
Grid Ref: 506807, 125008

Map Name: County Series

Map date: 1947

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1874
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

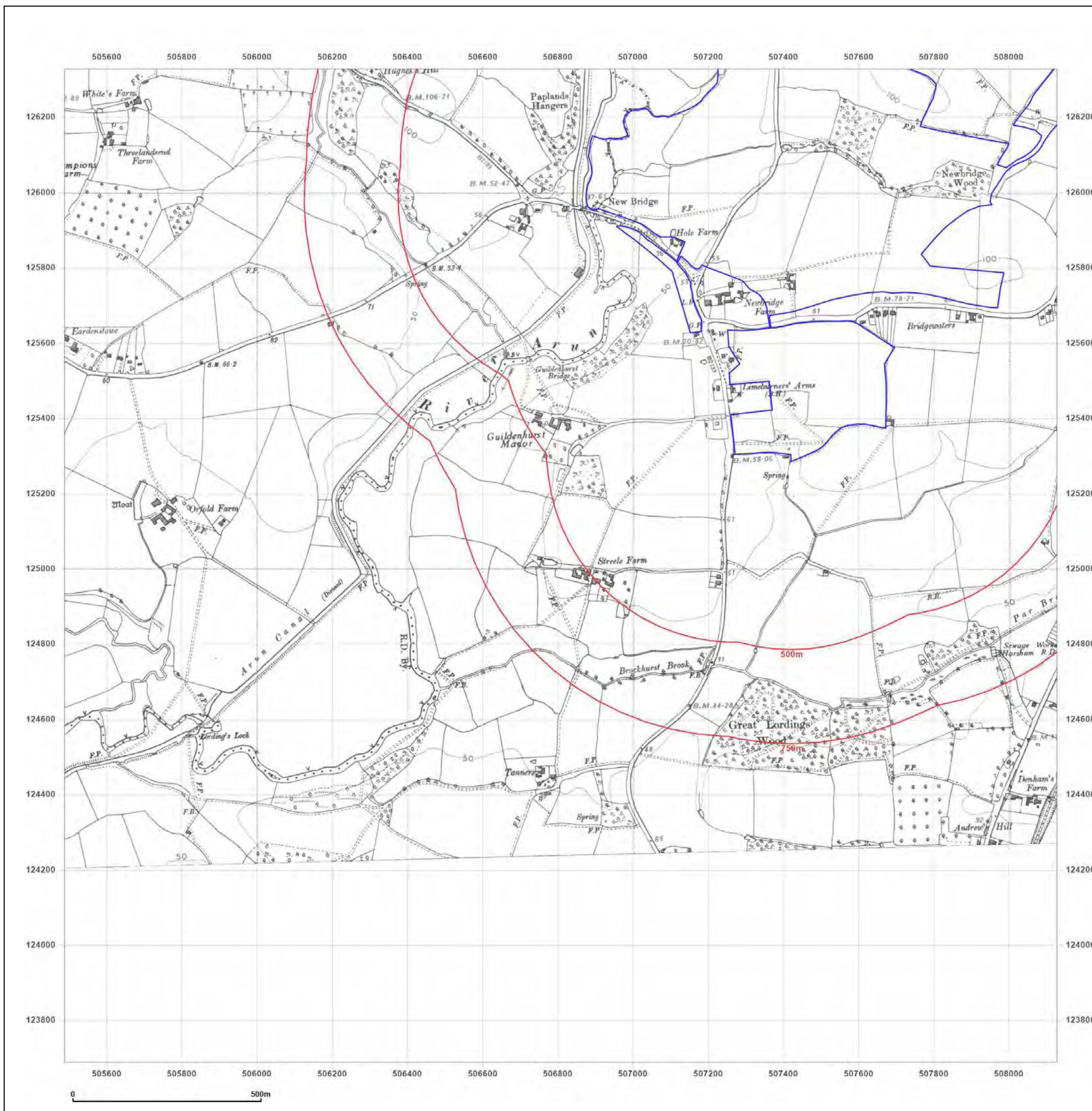


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Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_1
Grid Ref: 506807, 125008

Map Name: Provisional

Map date: 1956-1957

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

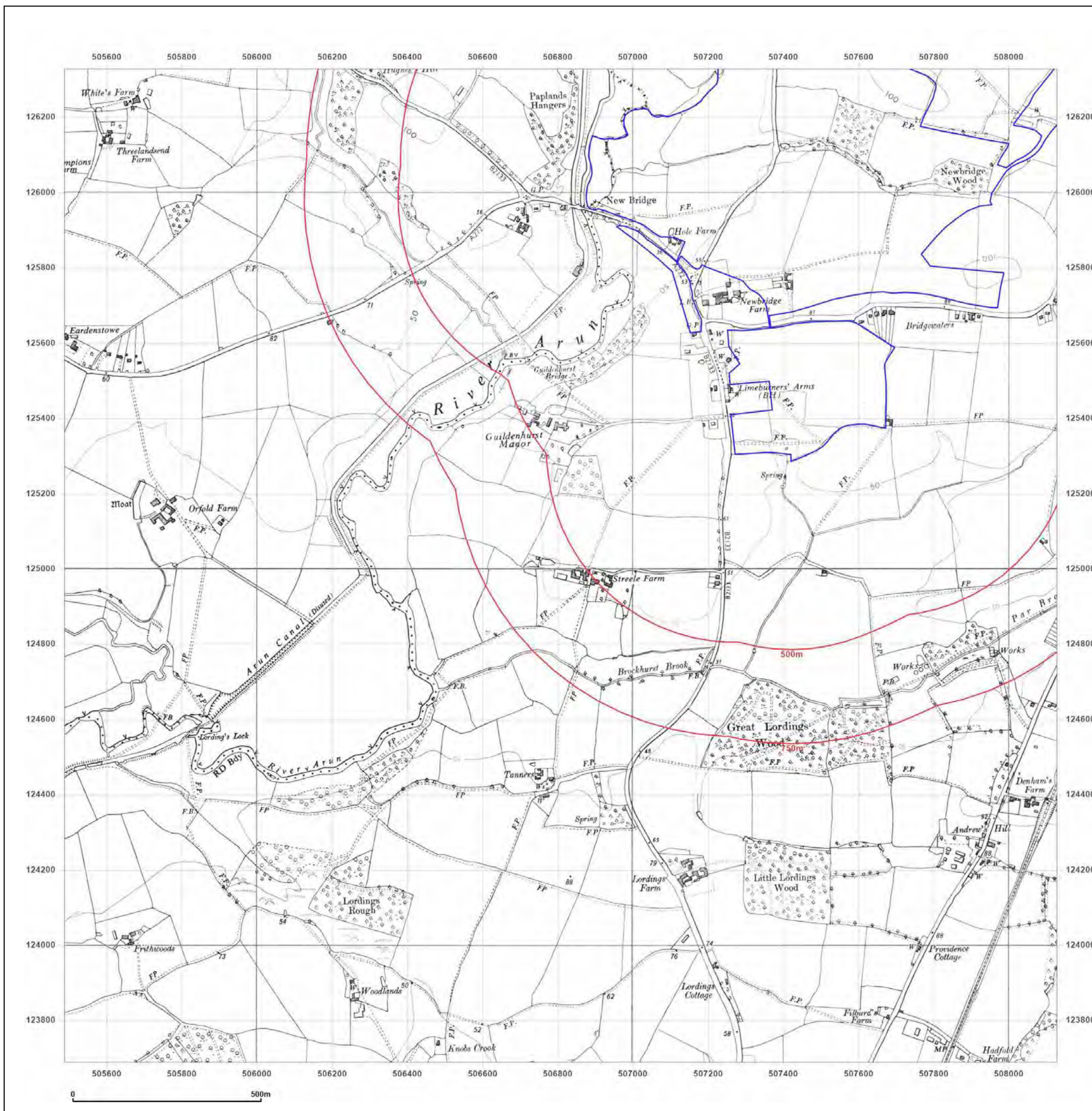


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_1
Grid Ref: 506807, 125008

Map Name: National Grid

Map date: 1973

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
Revised 1973
Edition N/A
Copyright N/A
Levelled N/A

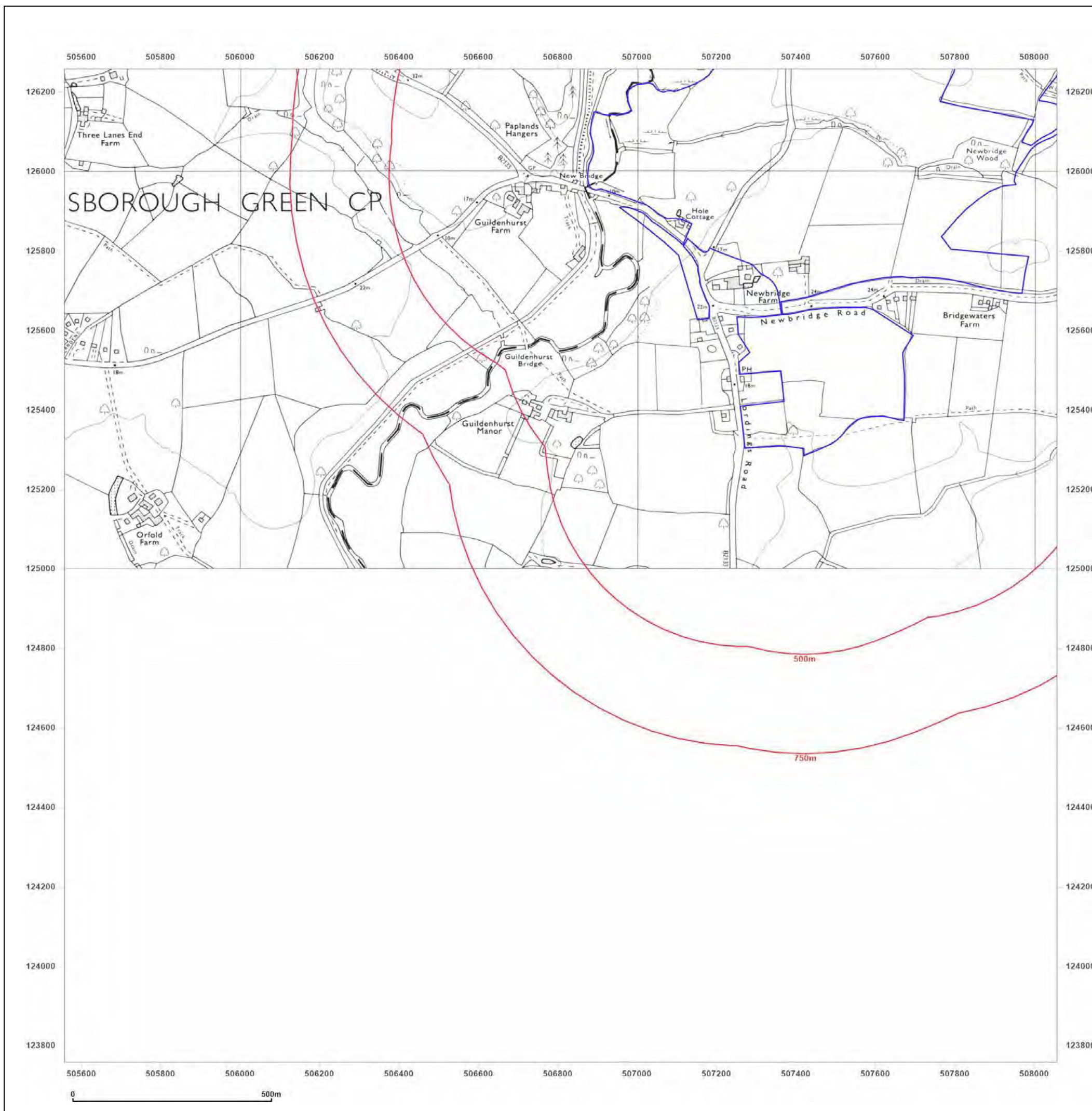


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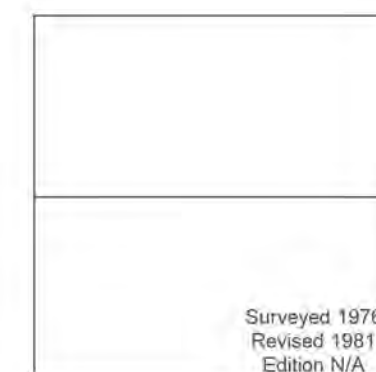
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Grid Ref: 506807, 125008

Map Name: National Grid

Map date: 1981

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1976
Revised 1981
Edition N/A
Copyright N/A
Levelled N/A

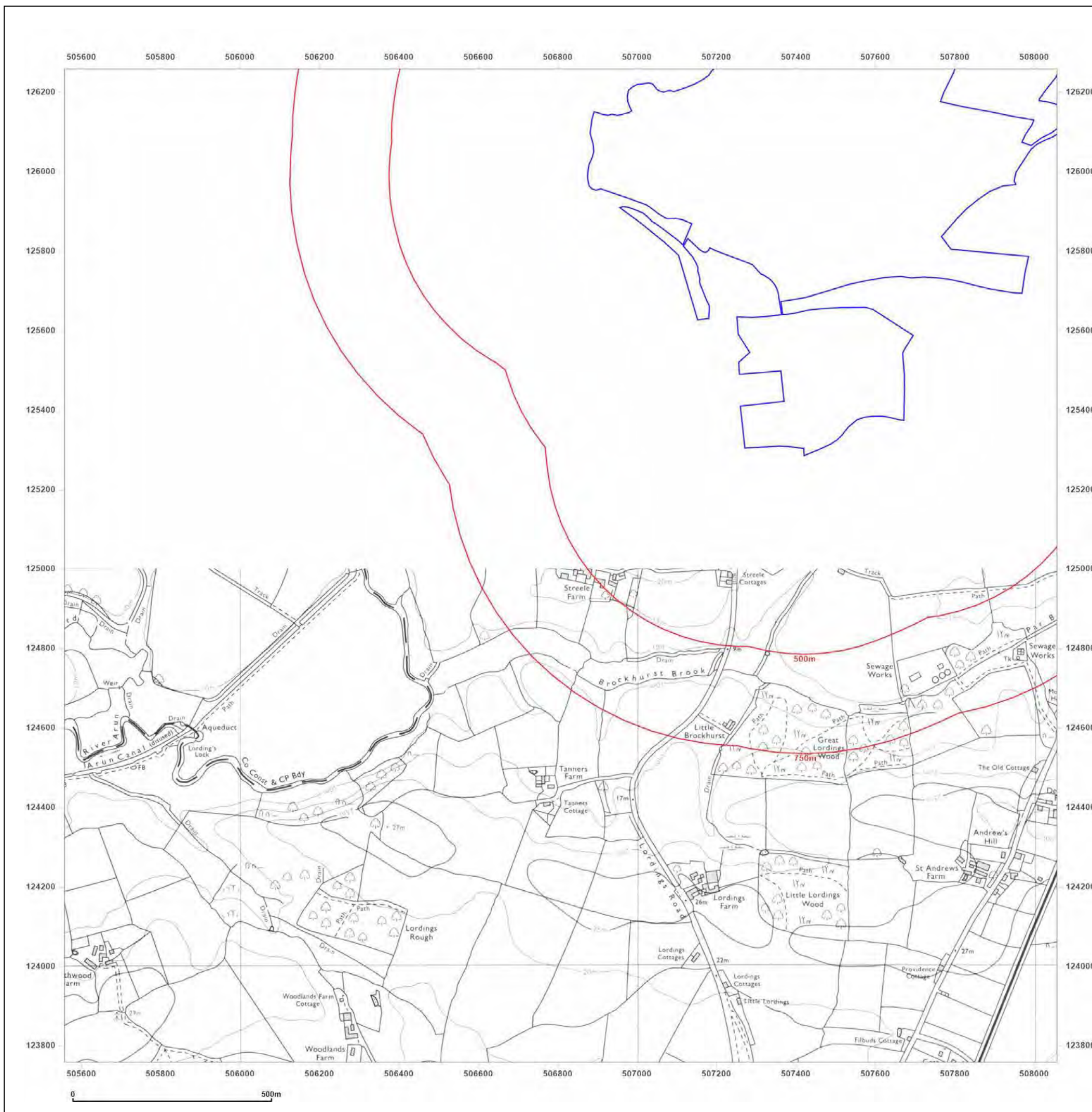


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_1
Grid Ref: 506807, 125008

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

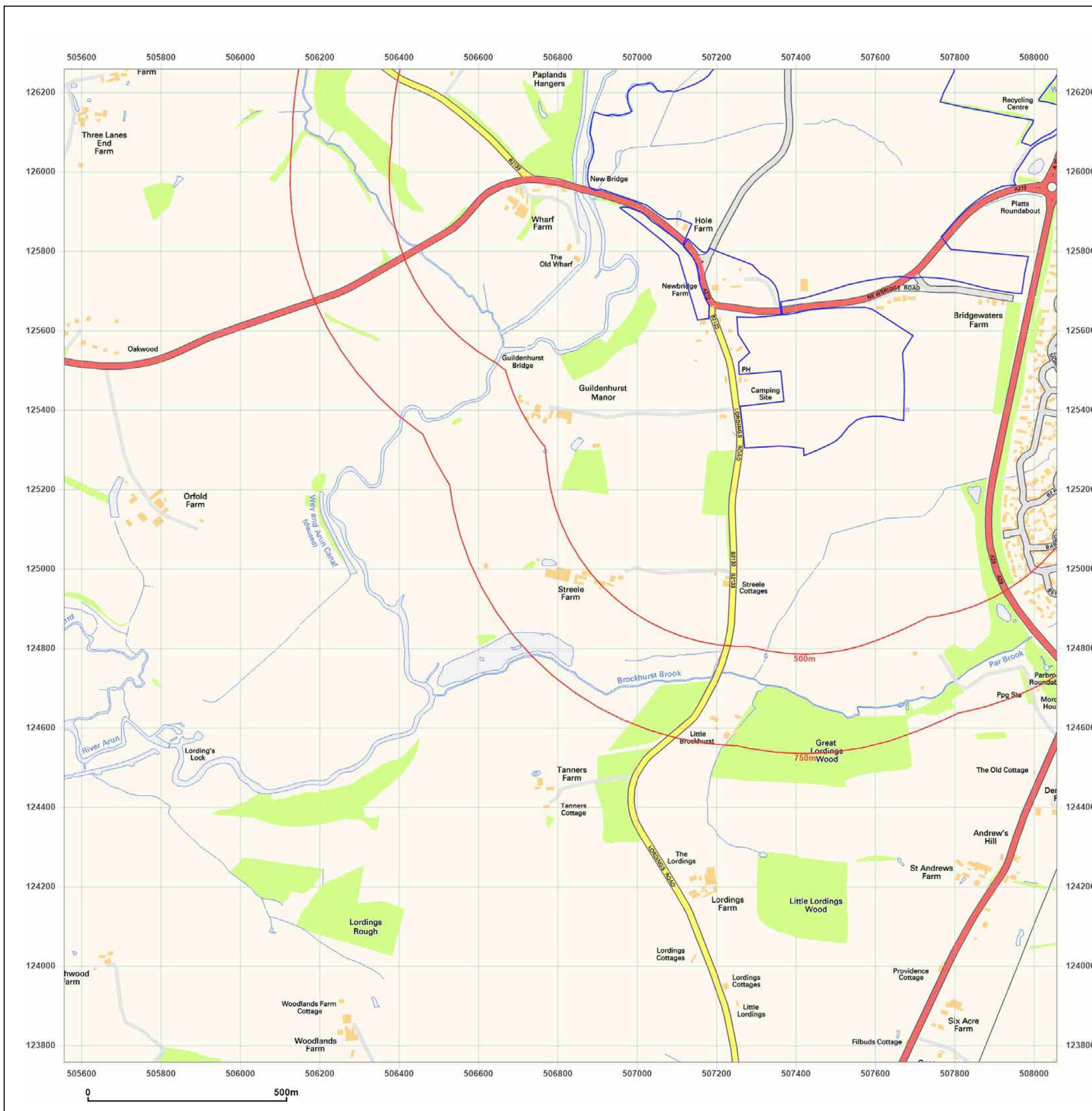


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Grid Ref: 506807, 125008

Map Name: National Grid

Map date: 2025

Scale: 1:10,000

Printed at: 1:10,000

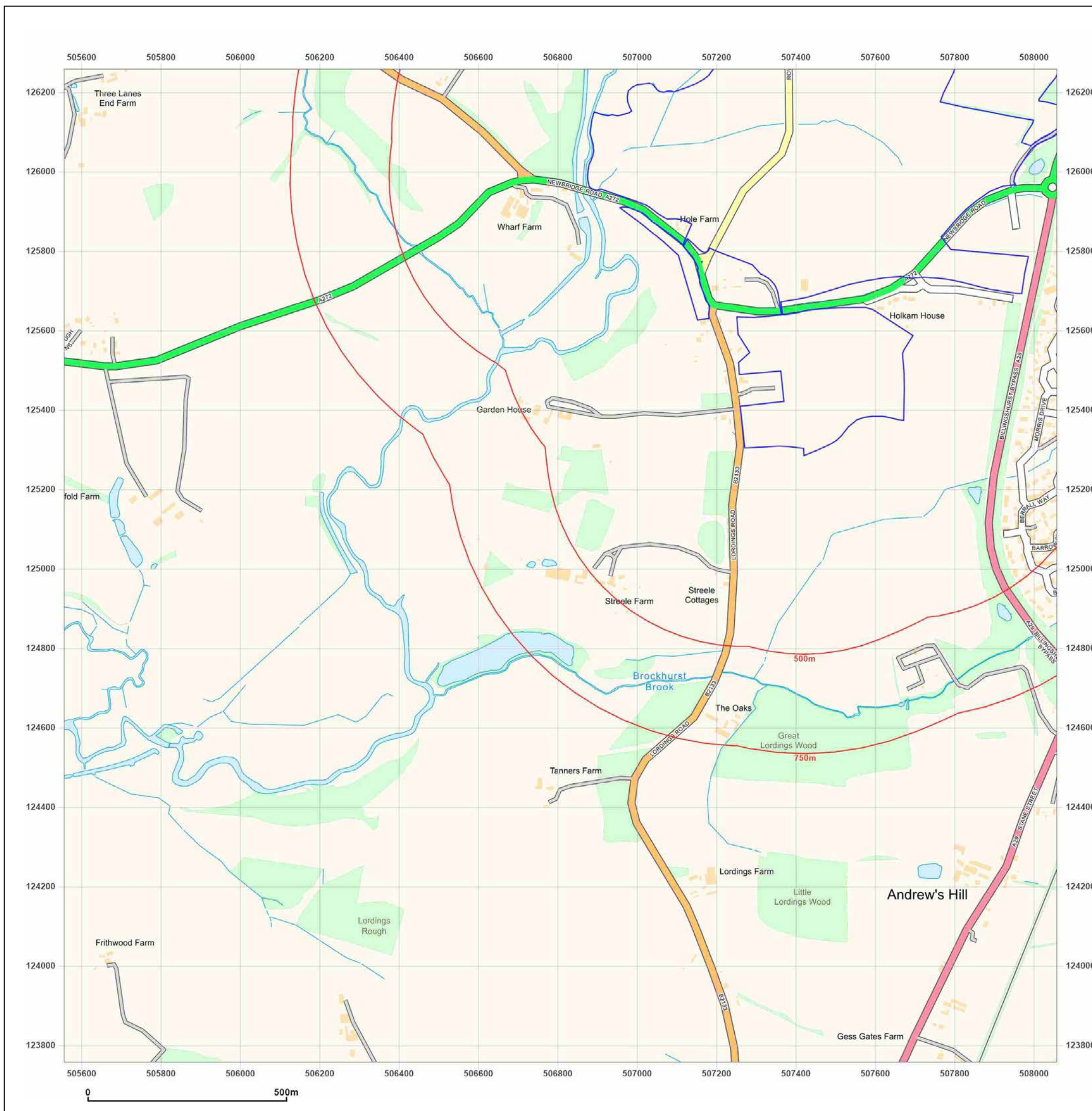


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: County Series

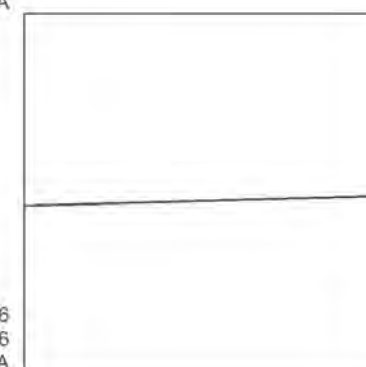
Map date: 1876

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
 Revised 1876
 Edition N/A
 Copyright N/A
 Levelled N/A



Surveyed 1876
 Revised 1876
 Edition N/A
 Copyright N/A
 Levelled N/A

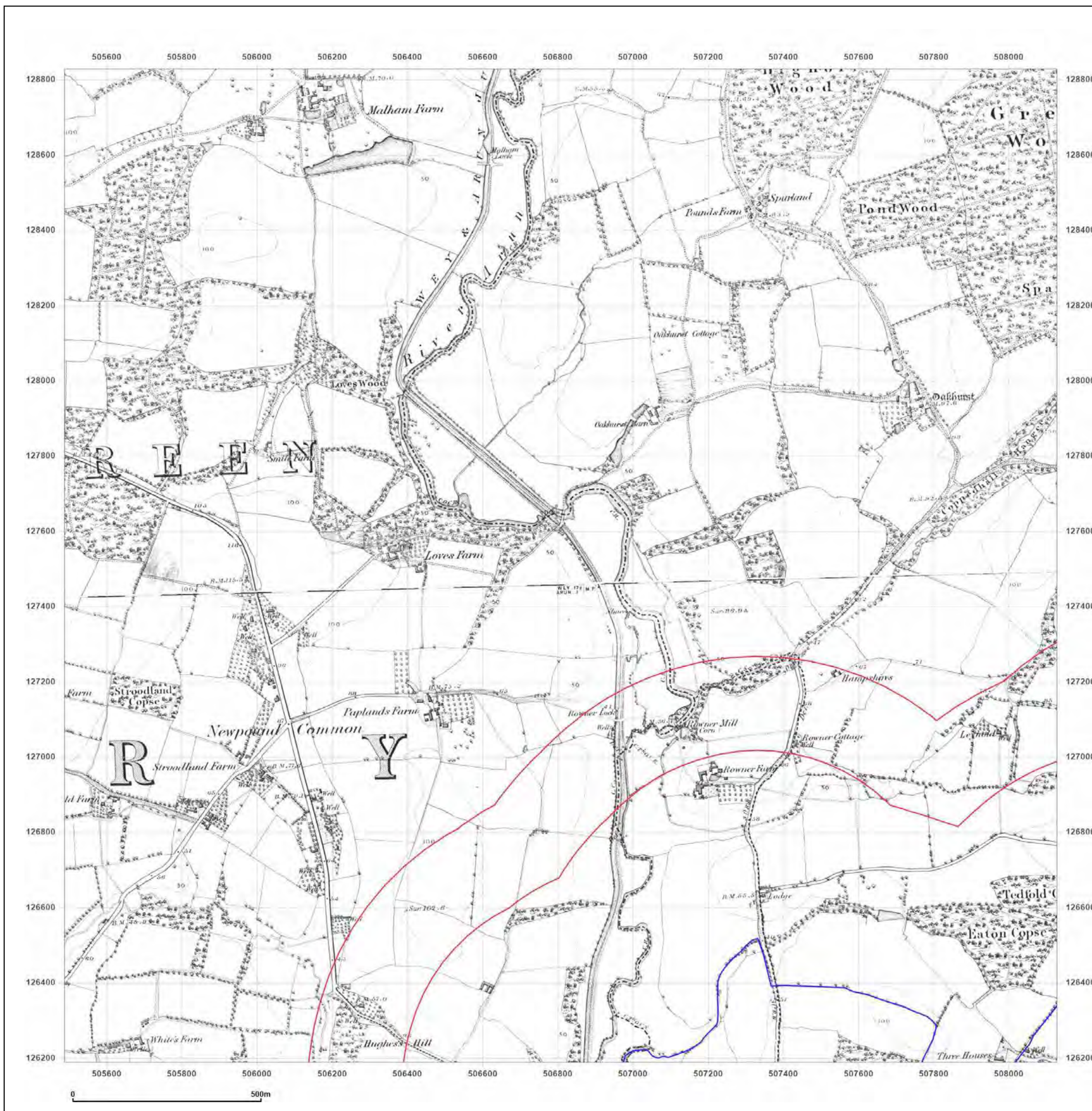


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: County Series

Map date: 1895-1896

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1895
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

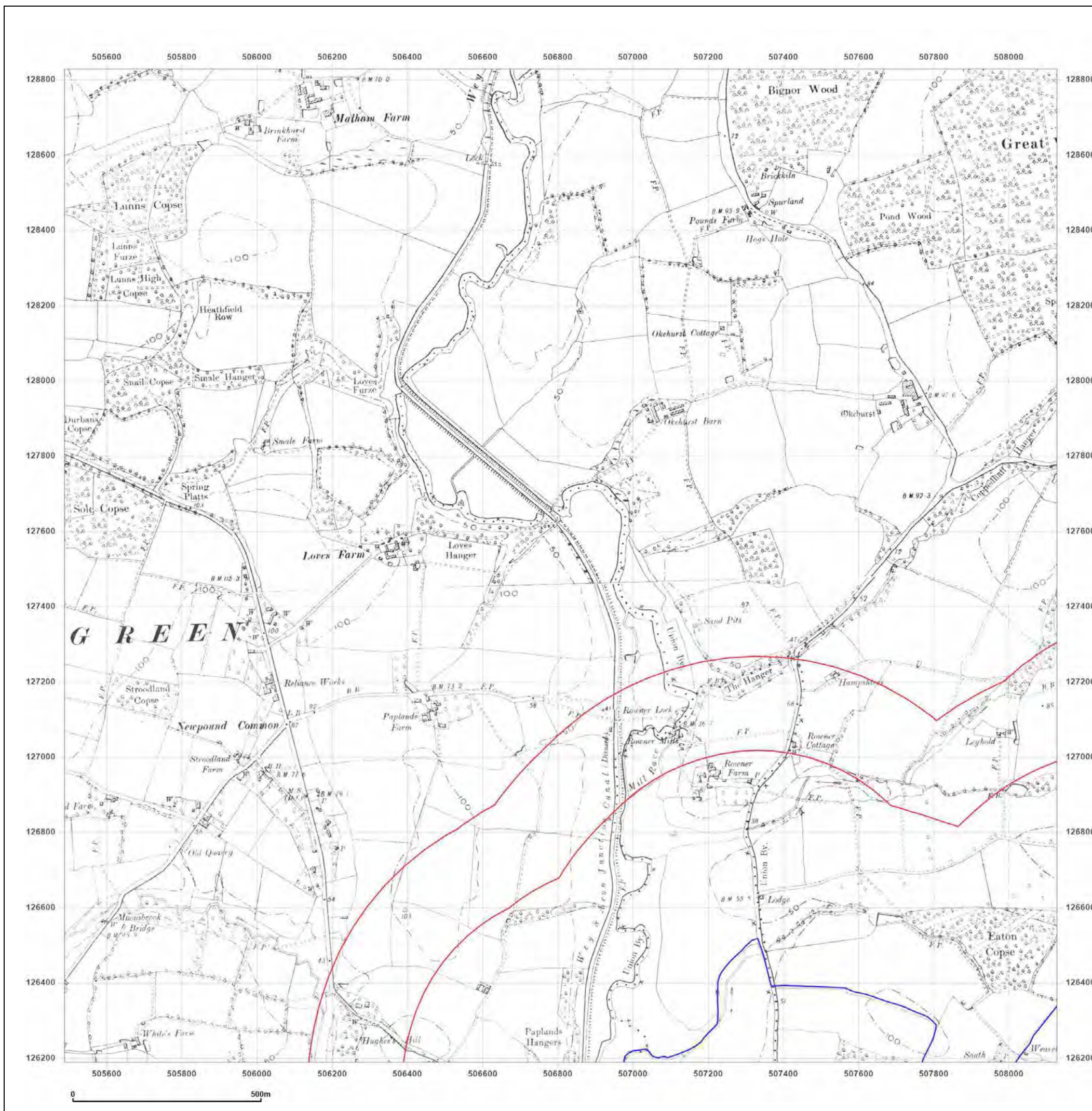


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: County Series

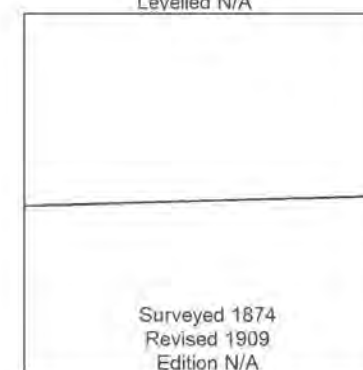
Map date: 1909-1914

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1874
Revised 1914
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1874
Revised 1909
Edition N/A
Copyright N/A
Levelled N/A

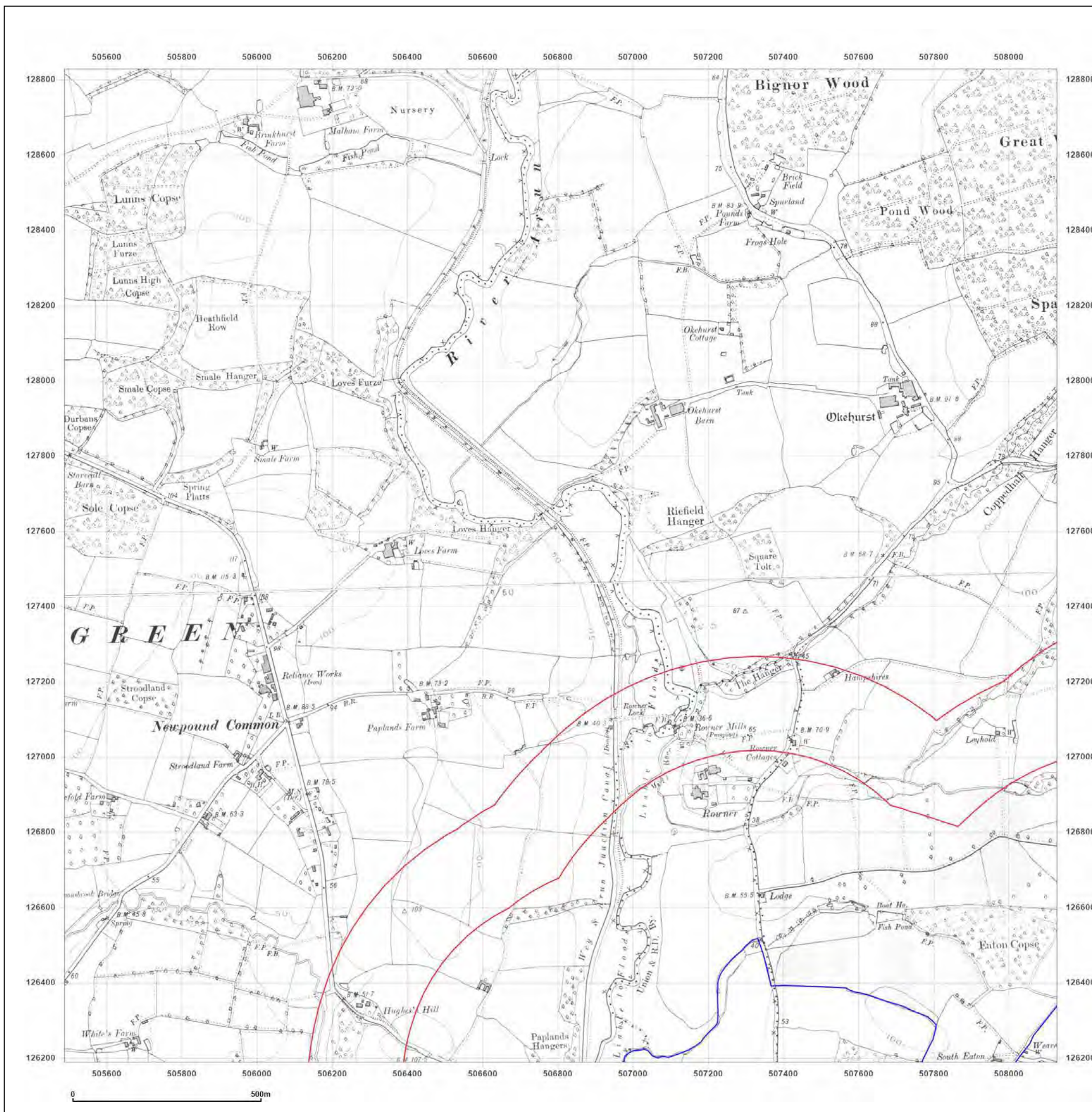


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: Provisional

Map date: 1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

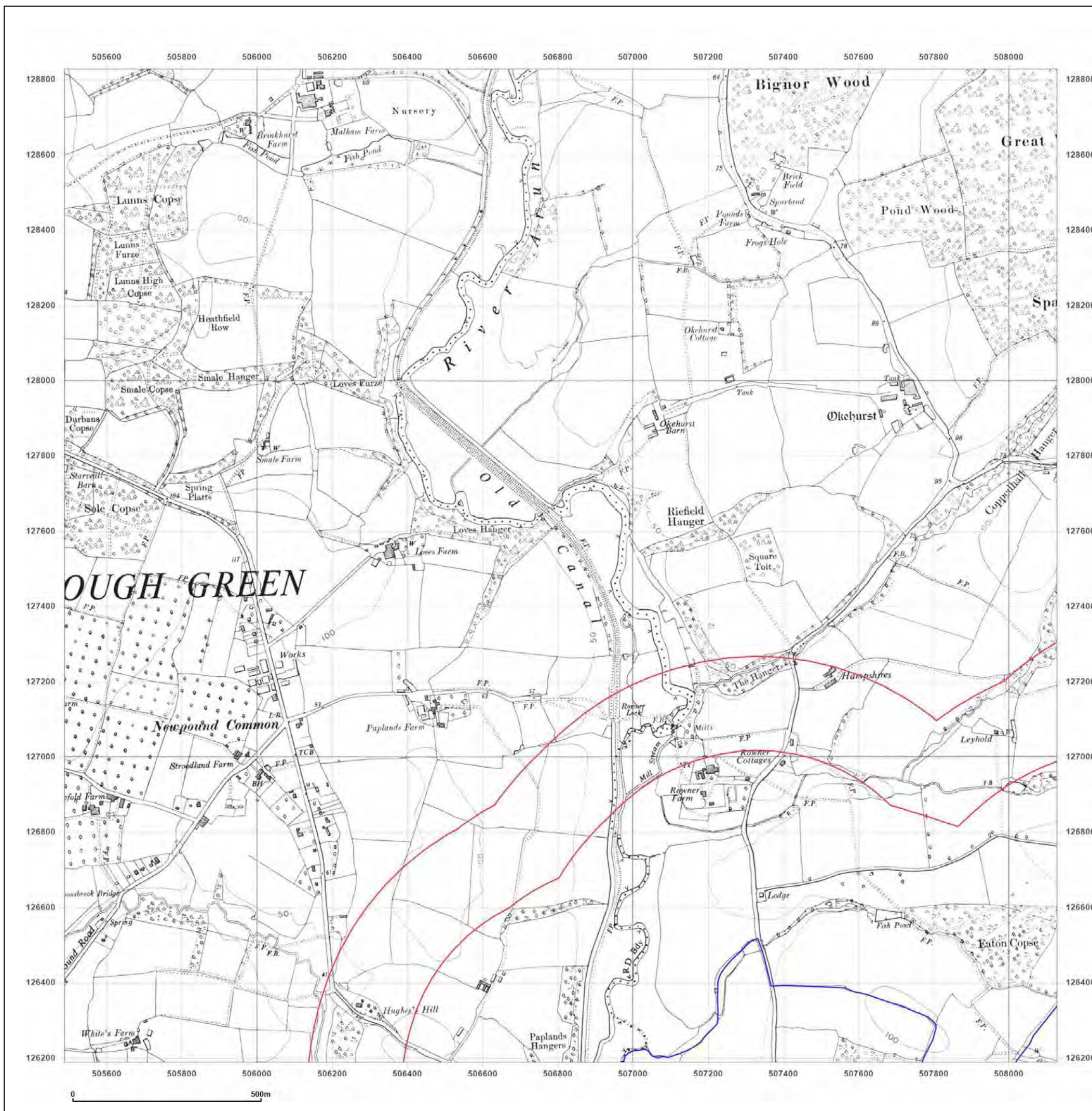


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Grid Ref: 506807, 127508

Map Name: National Grid

Map date: 1973

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
 Revised 1973
 Edition N/A
 Copyright N/A
 Levelled N/A

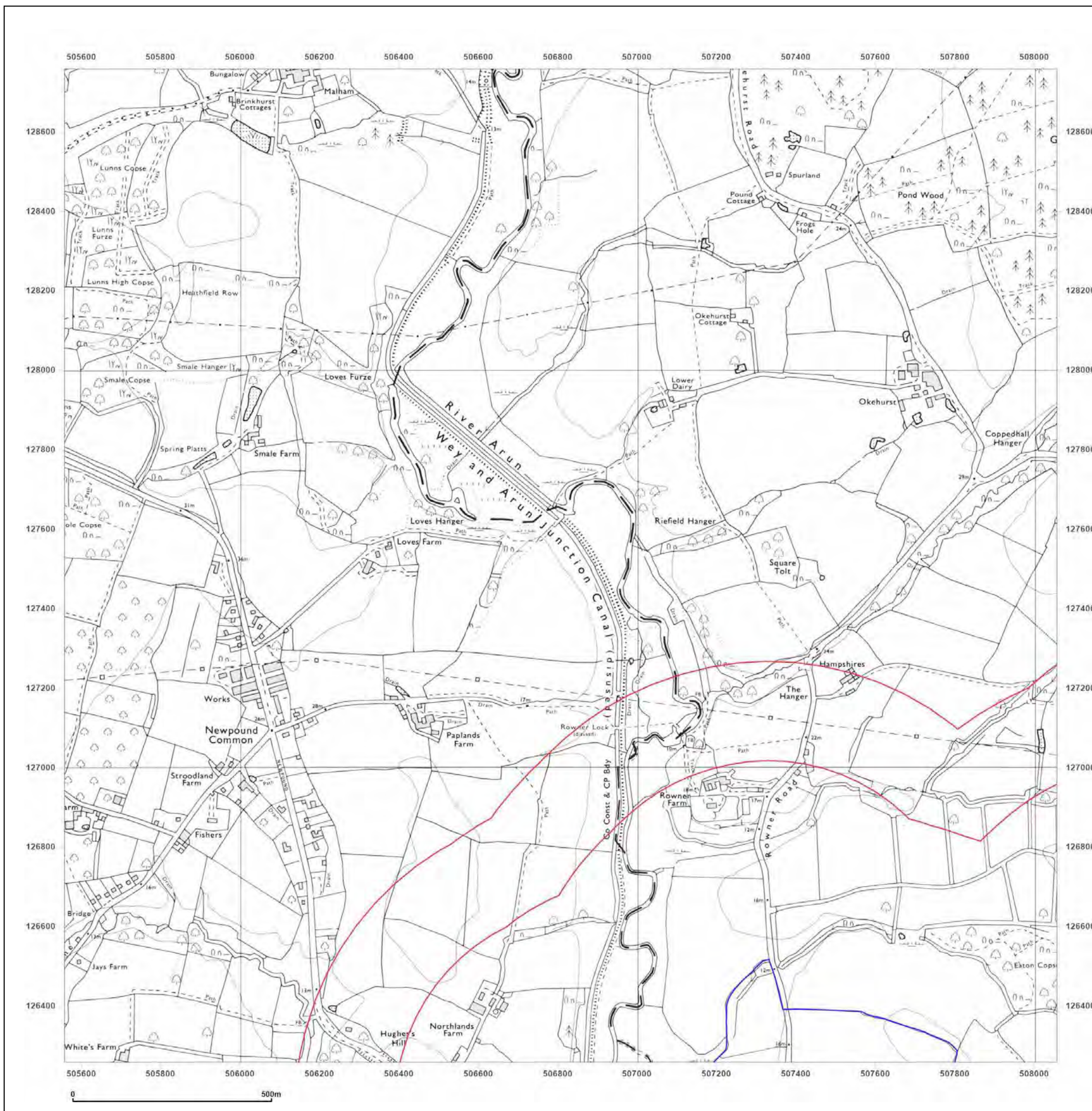


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

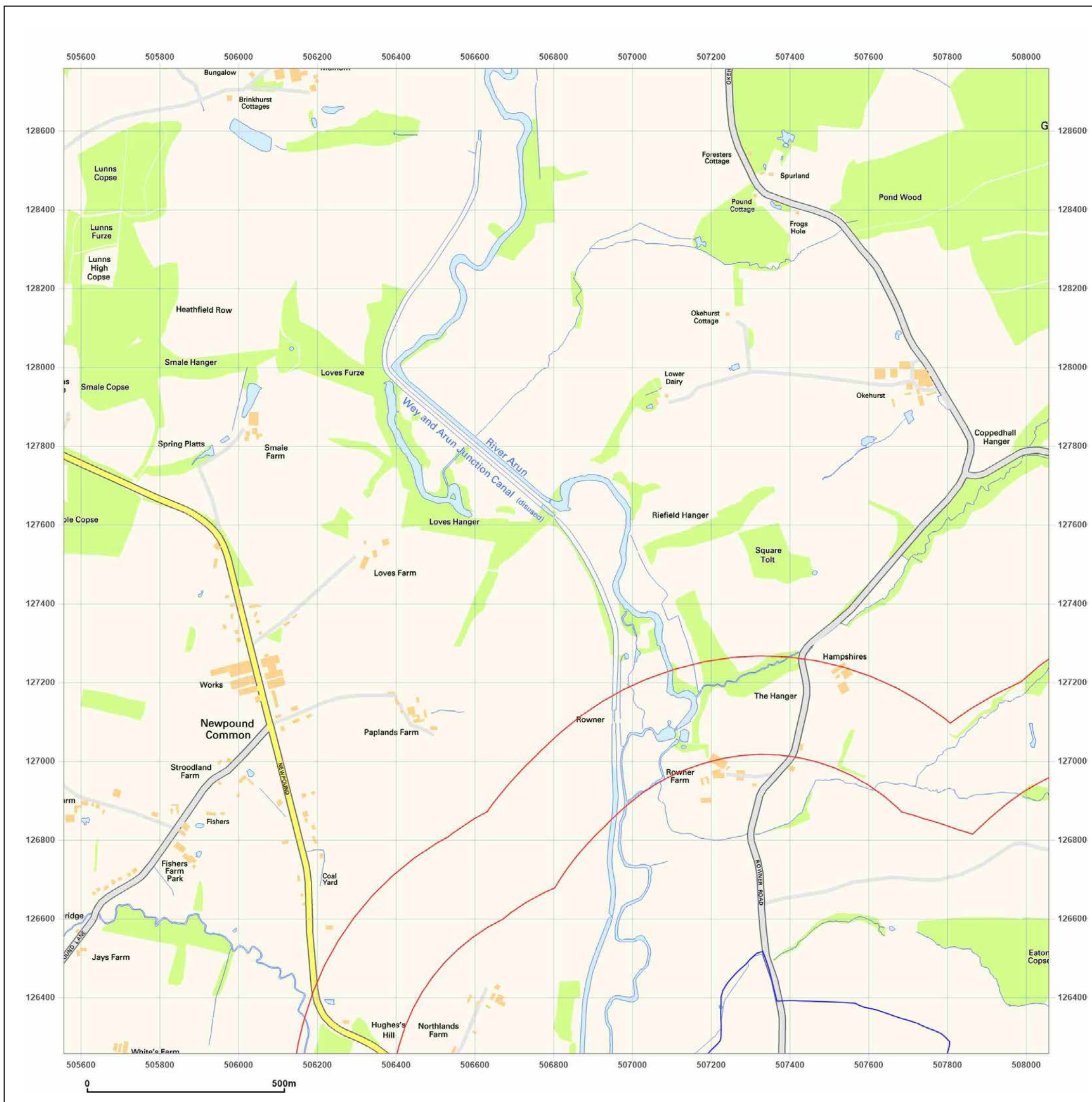


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Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

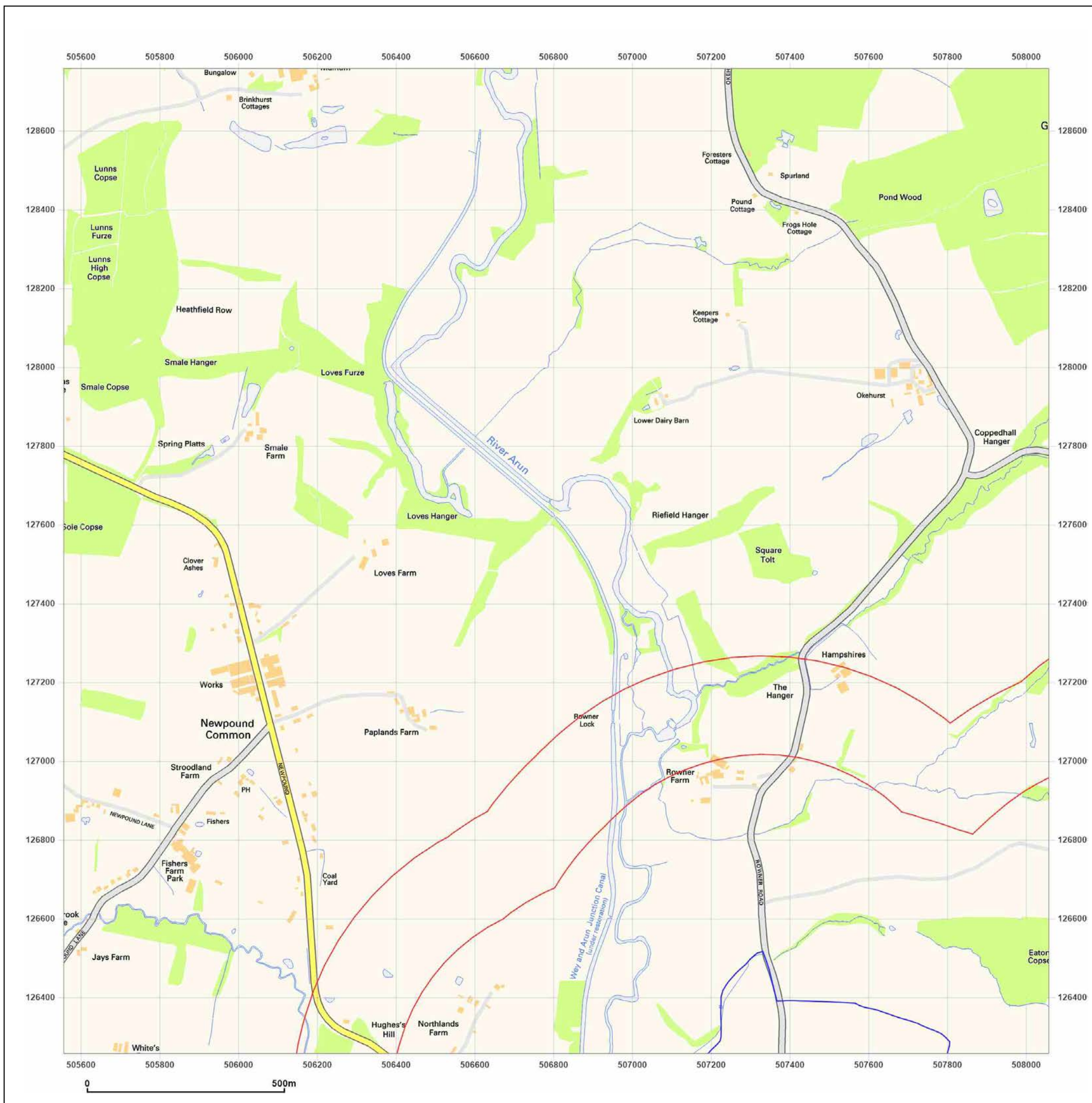


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_1_2
Grid Ref: 506807, 127508

Map Name: National Grid

Map date: 2025

Scale: 1:10,000

Printed at: 1:10,000

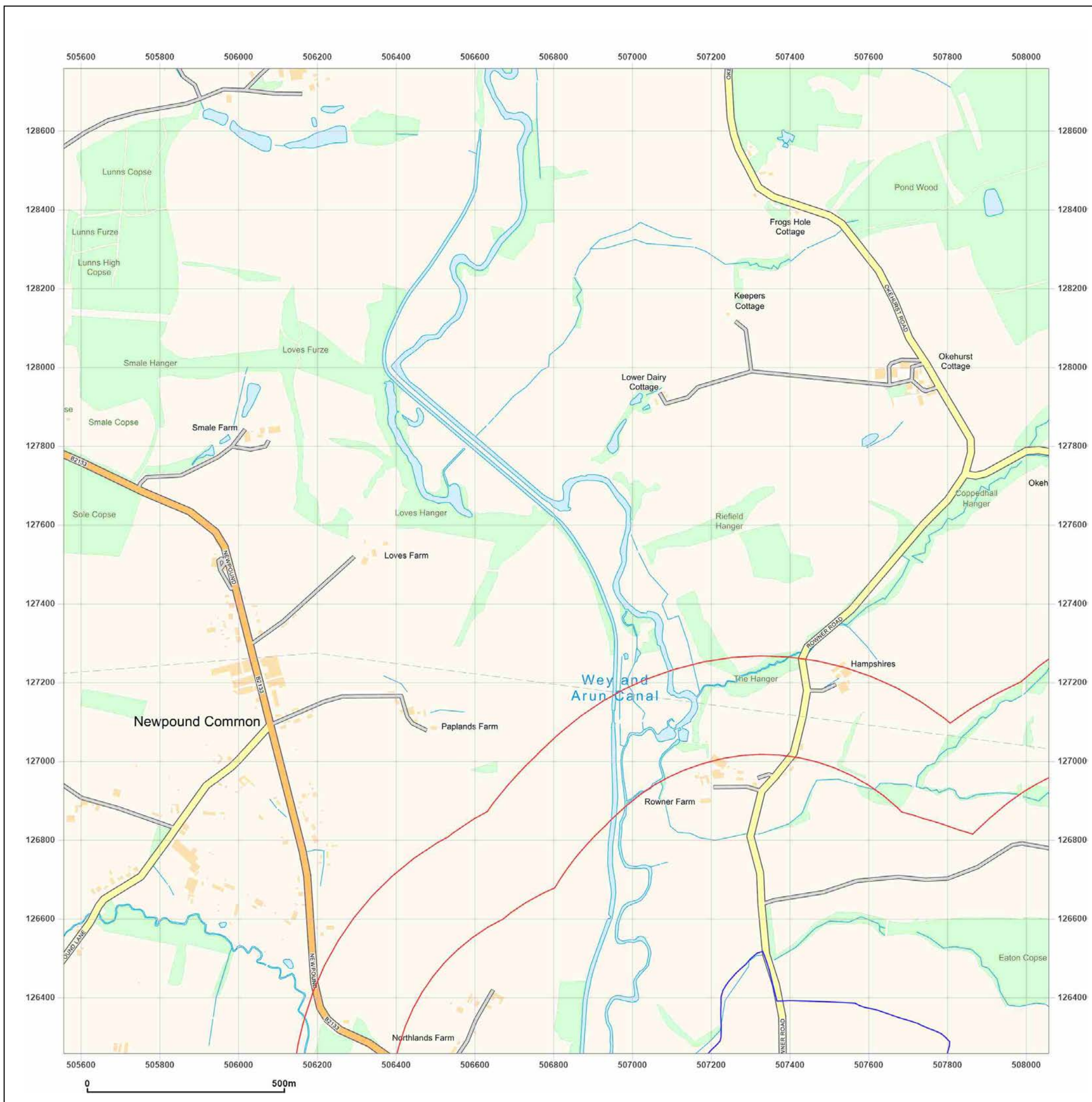


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: County Series

Map date: 1876

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

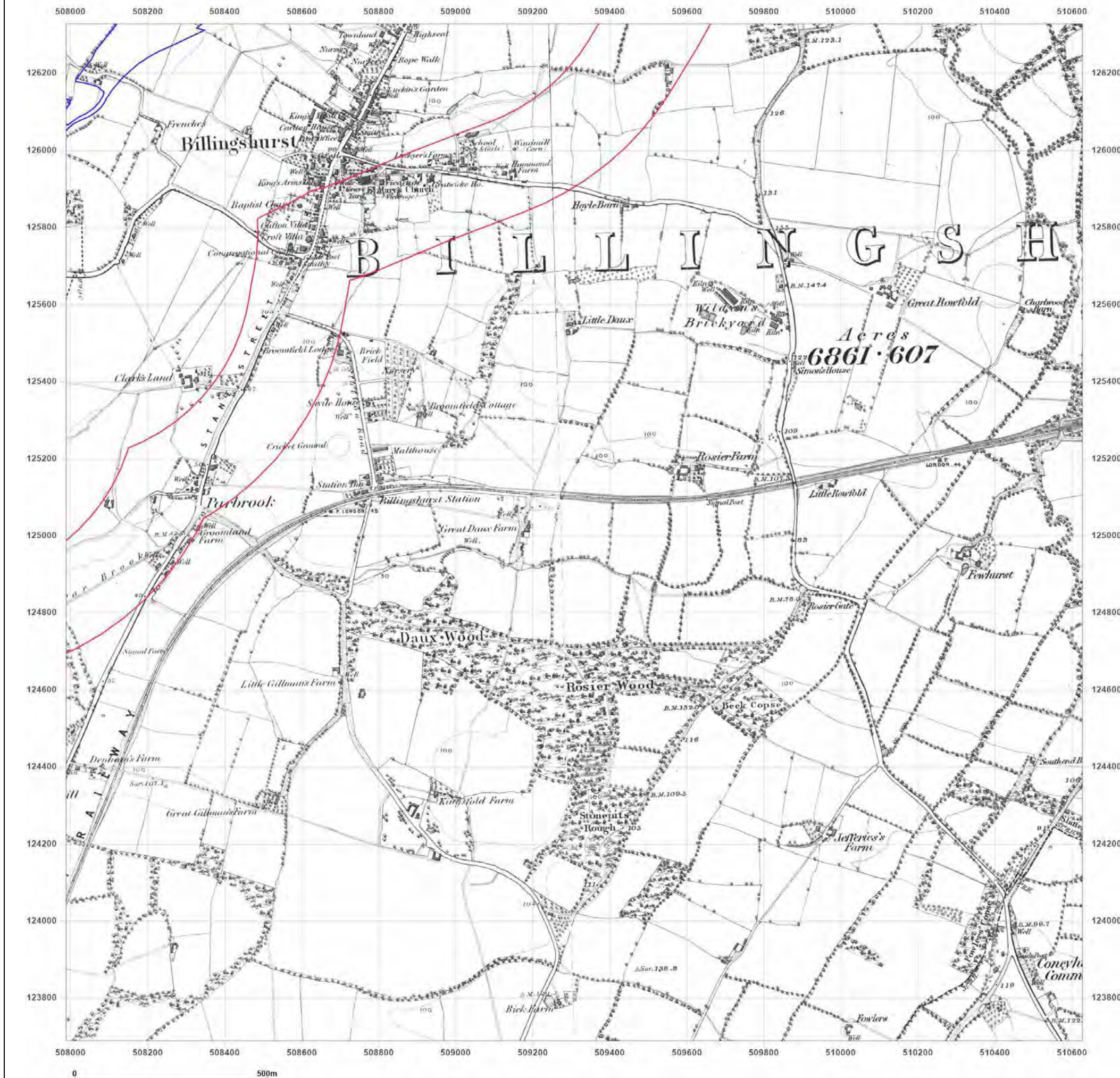


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: County Series

Map date: 1896

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
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Copyright N/A
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Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

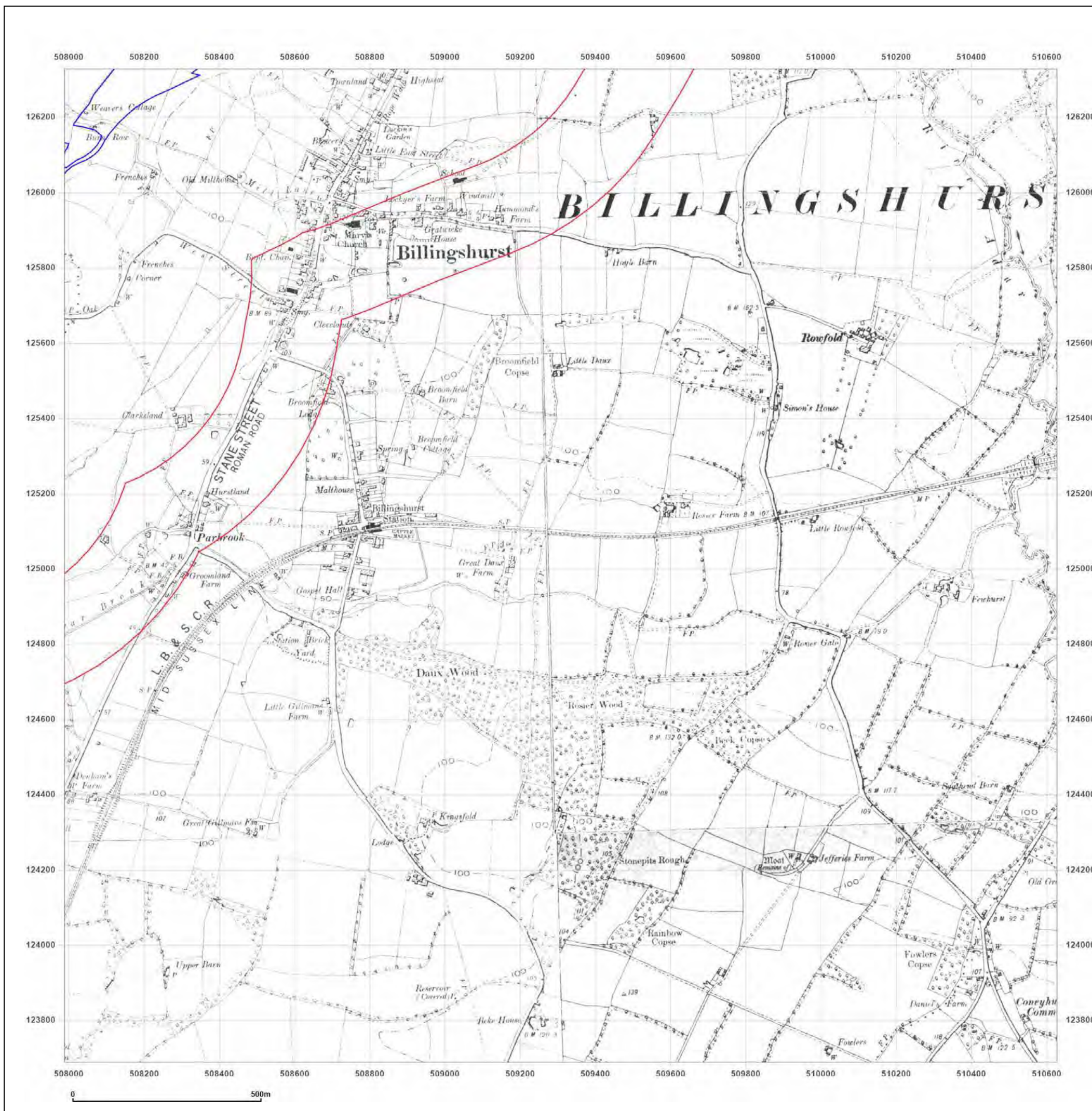


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: County Series

Map date: 1909-1914

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1874
Revised 1909
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1913
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
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Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1912
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Copyright N/A
Levelled N/A

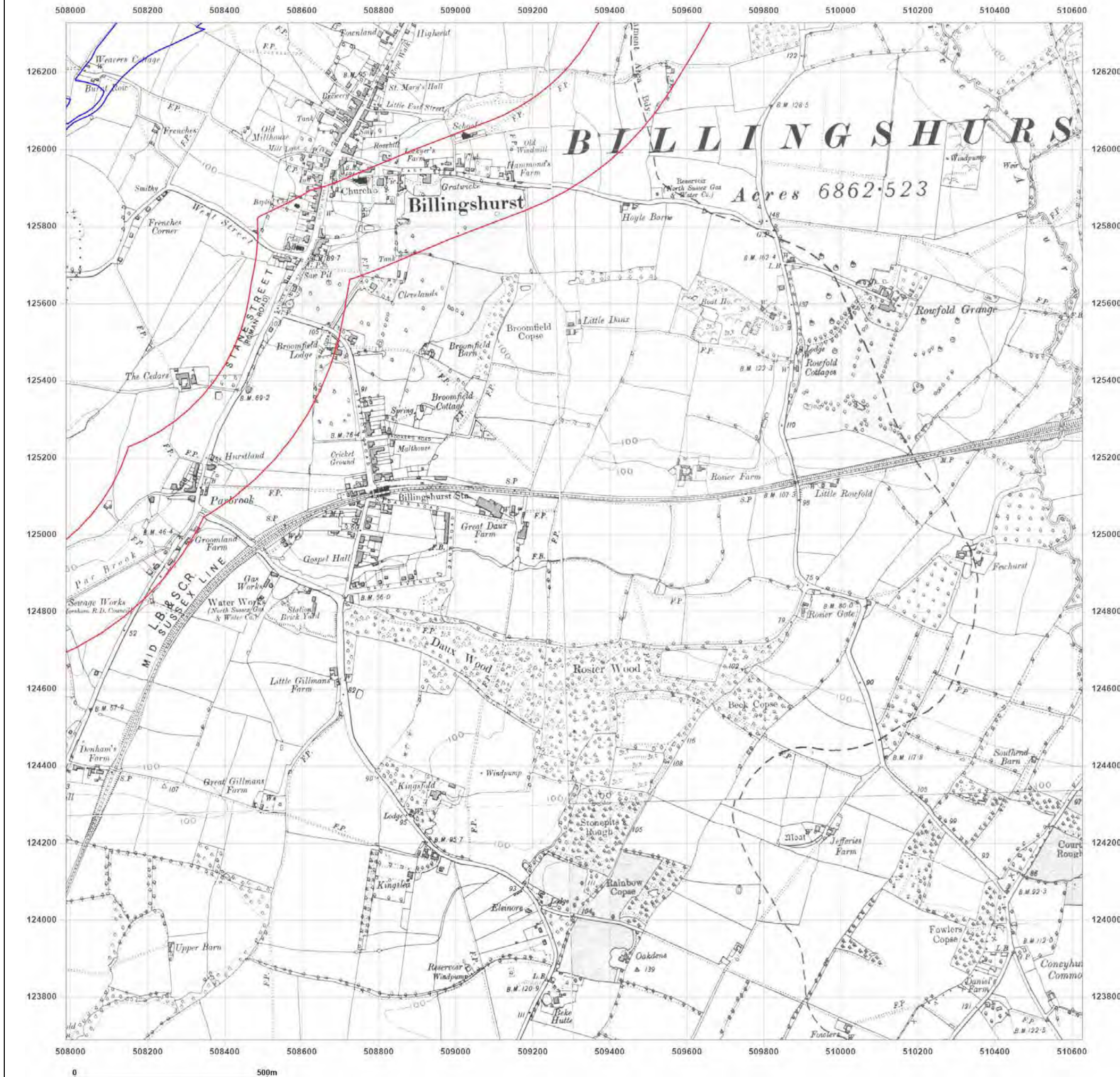


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Site Details:

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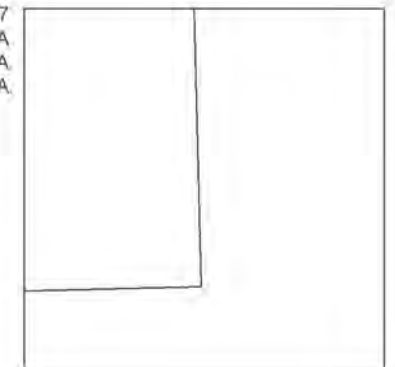
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Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1874
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

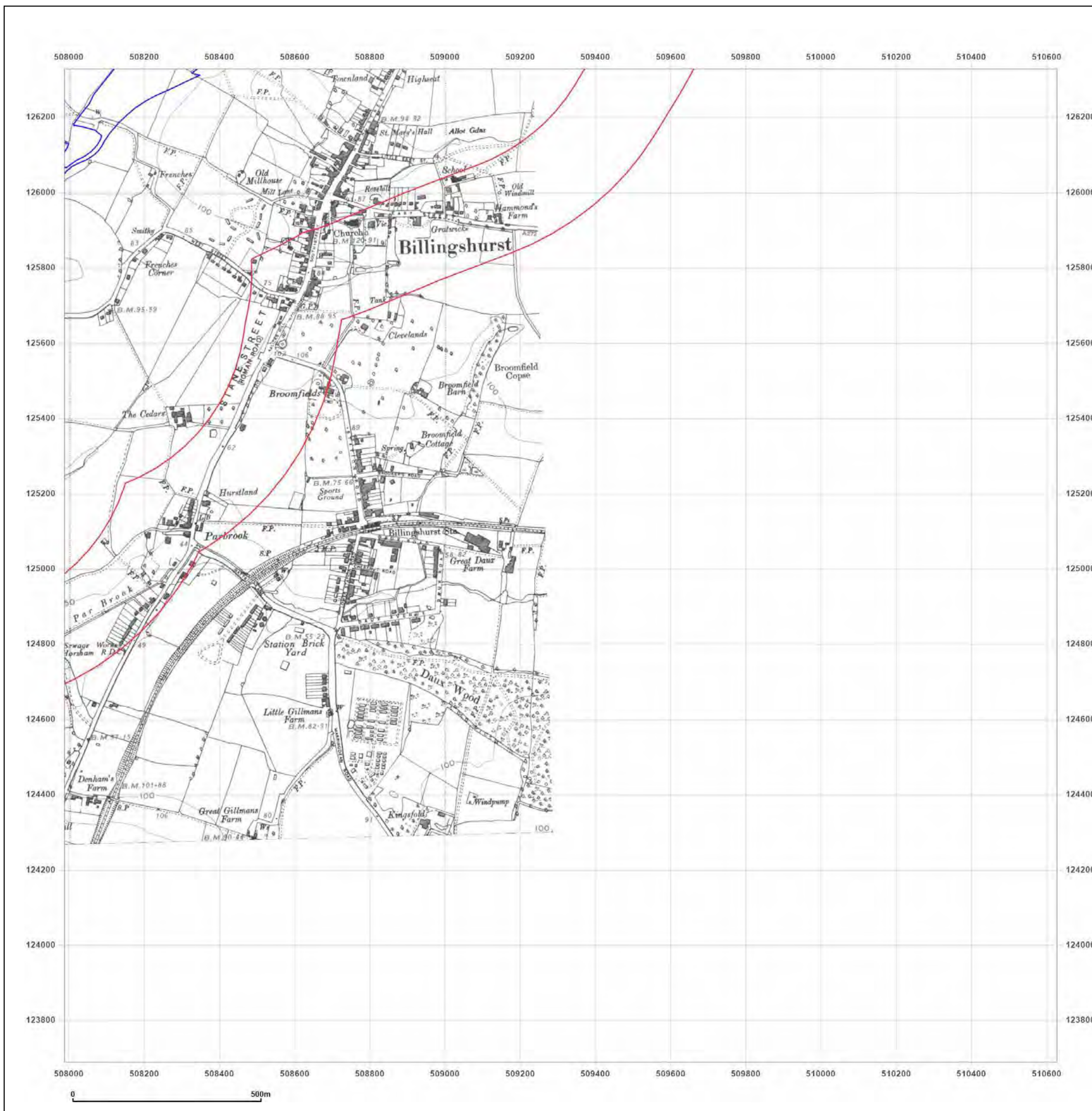


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Site Details:

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Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: Provisional

Map date: 1956-1957

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

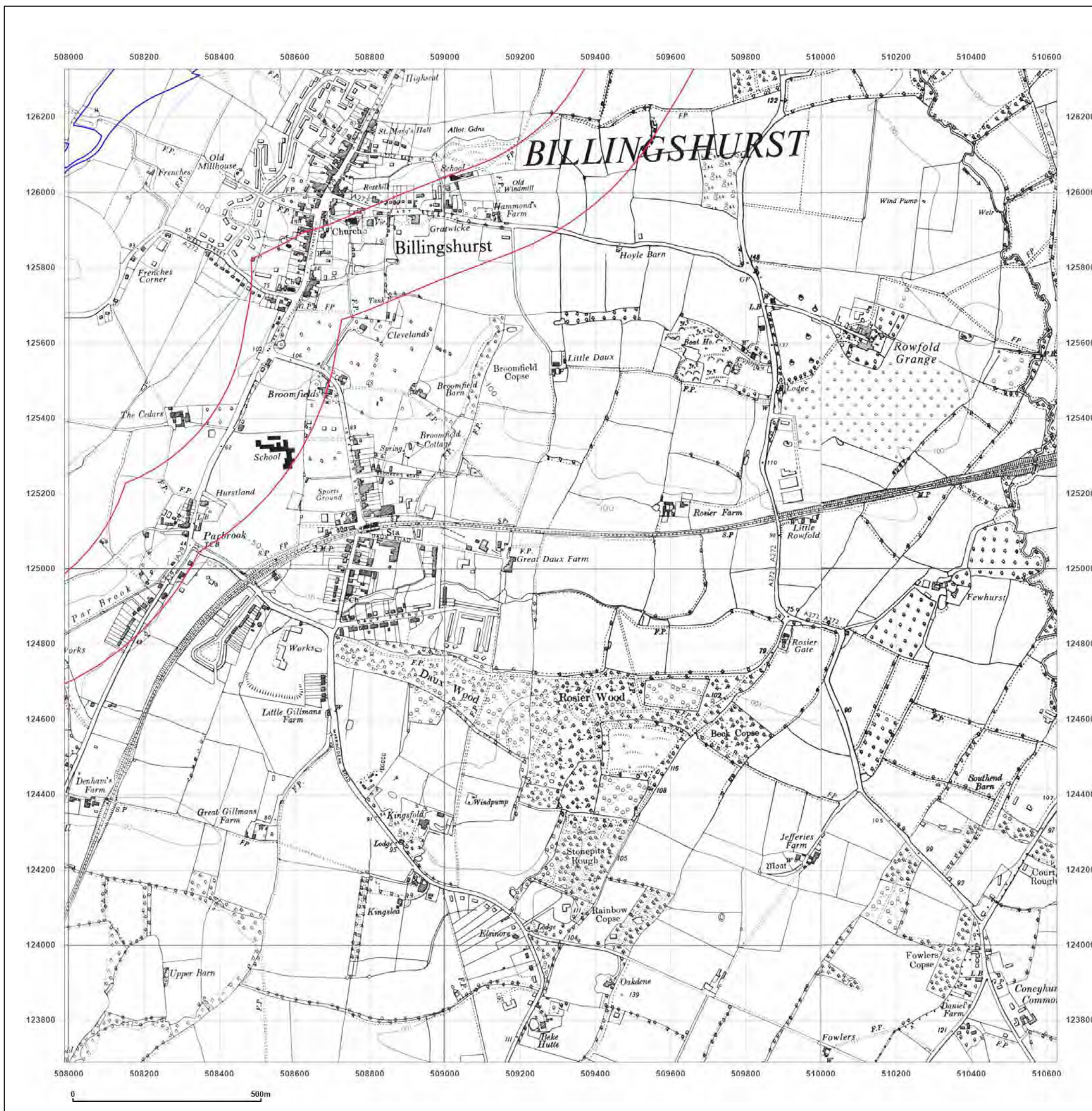


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: National Grid

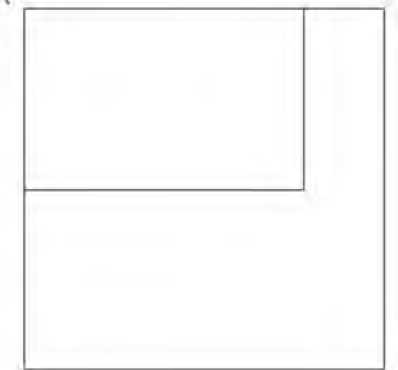
Map date: 1973

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
Revised 1973
Edition N/A
Copyright N/A
Levelled N/A

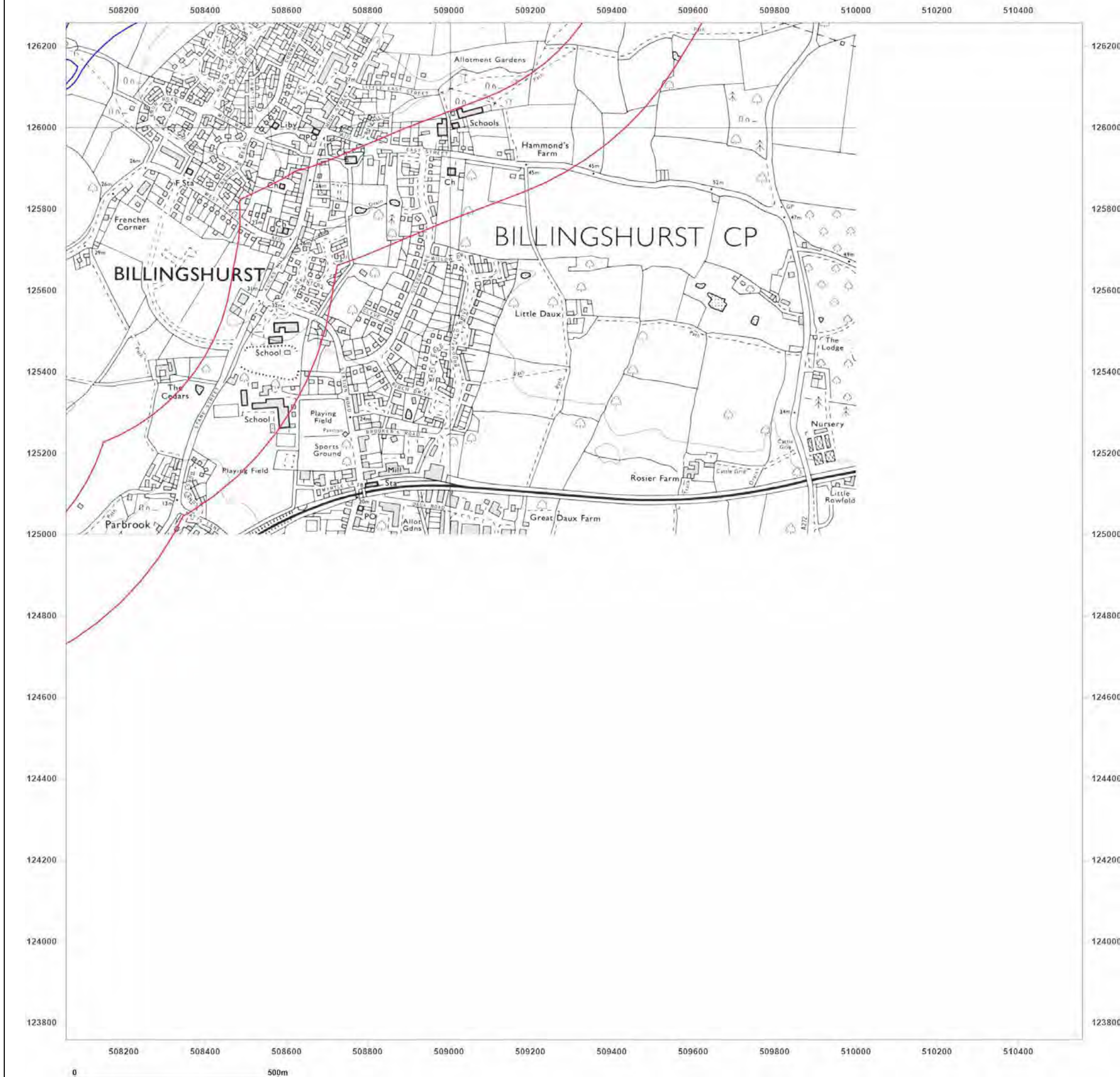


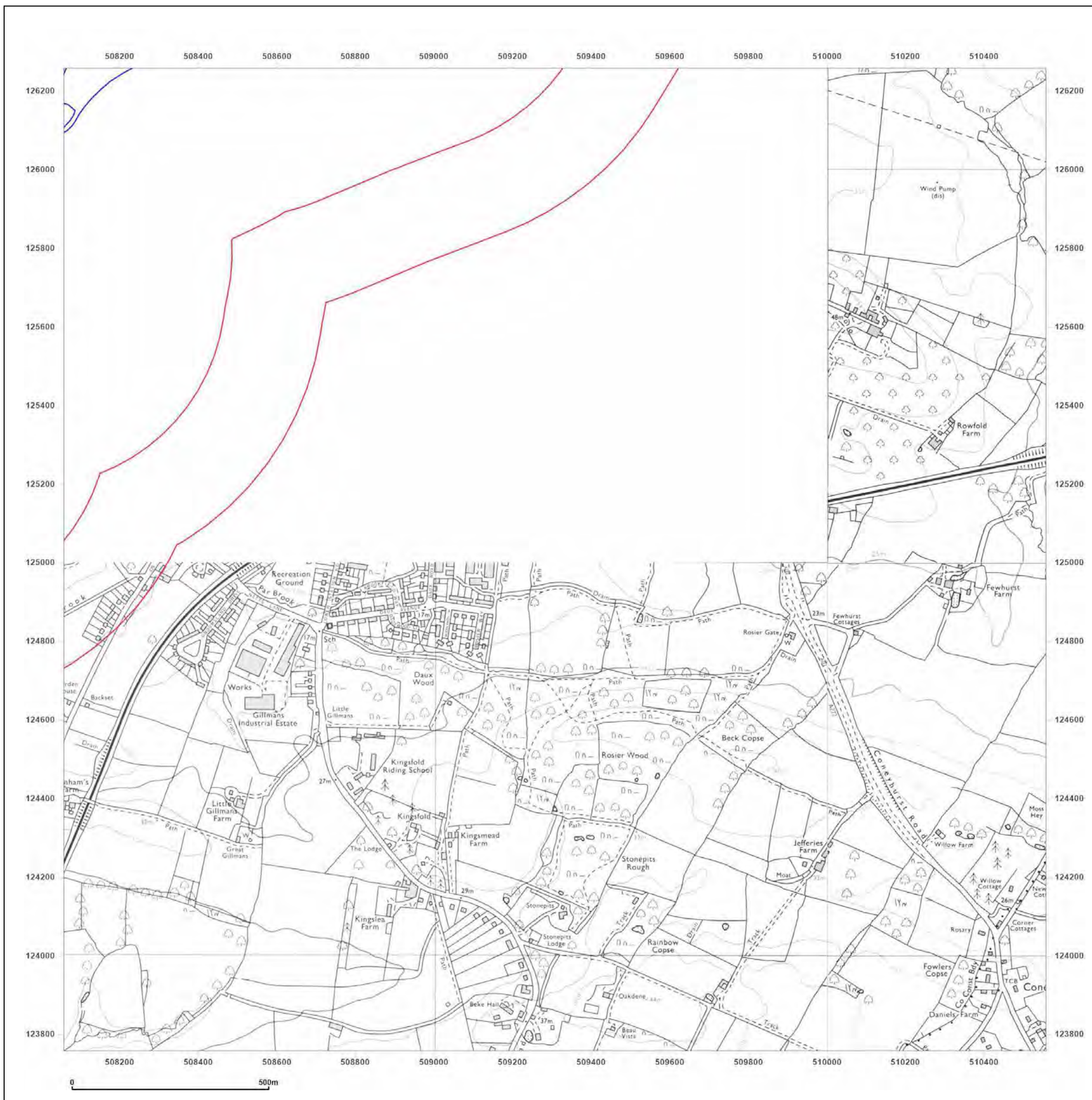
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: National Grid

Map date: 1981

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1975
Revised 1981
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1976
Revised 1981
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1976
Revised 1981
Edition N/A
Copyright N/A
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

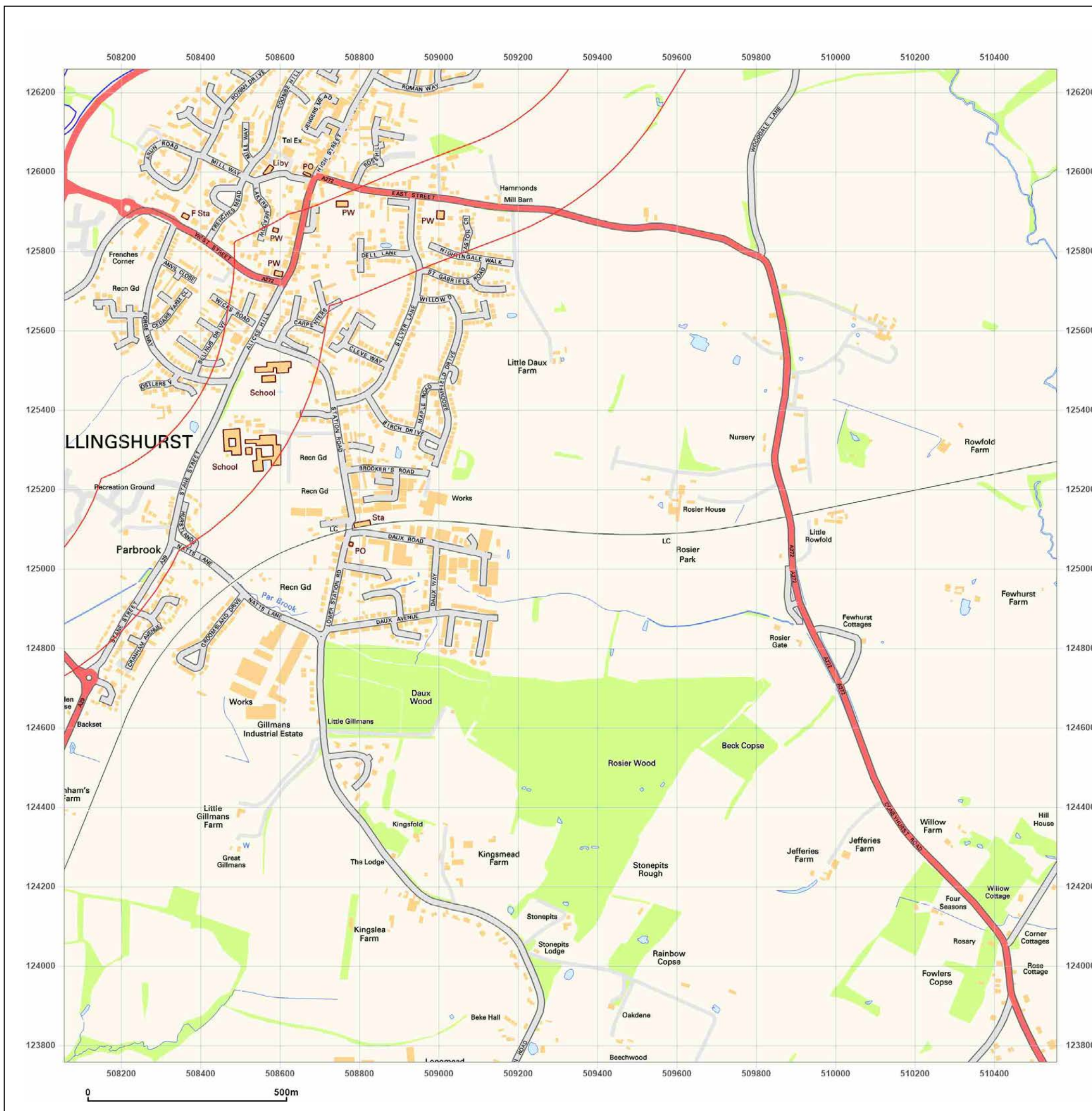


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Site Details:

Billingshurst

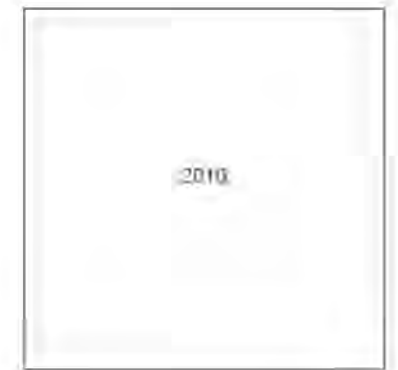
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Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_1
Grid Ref: 509307, 125008

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

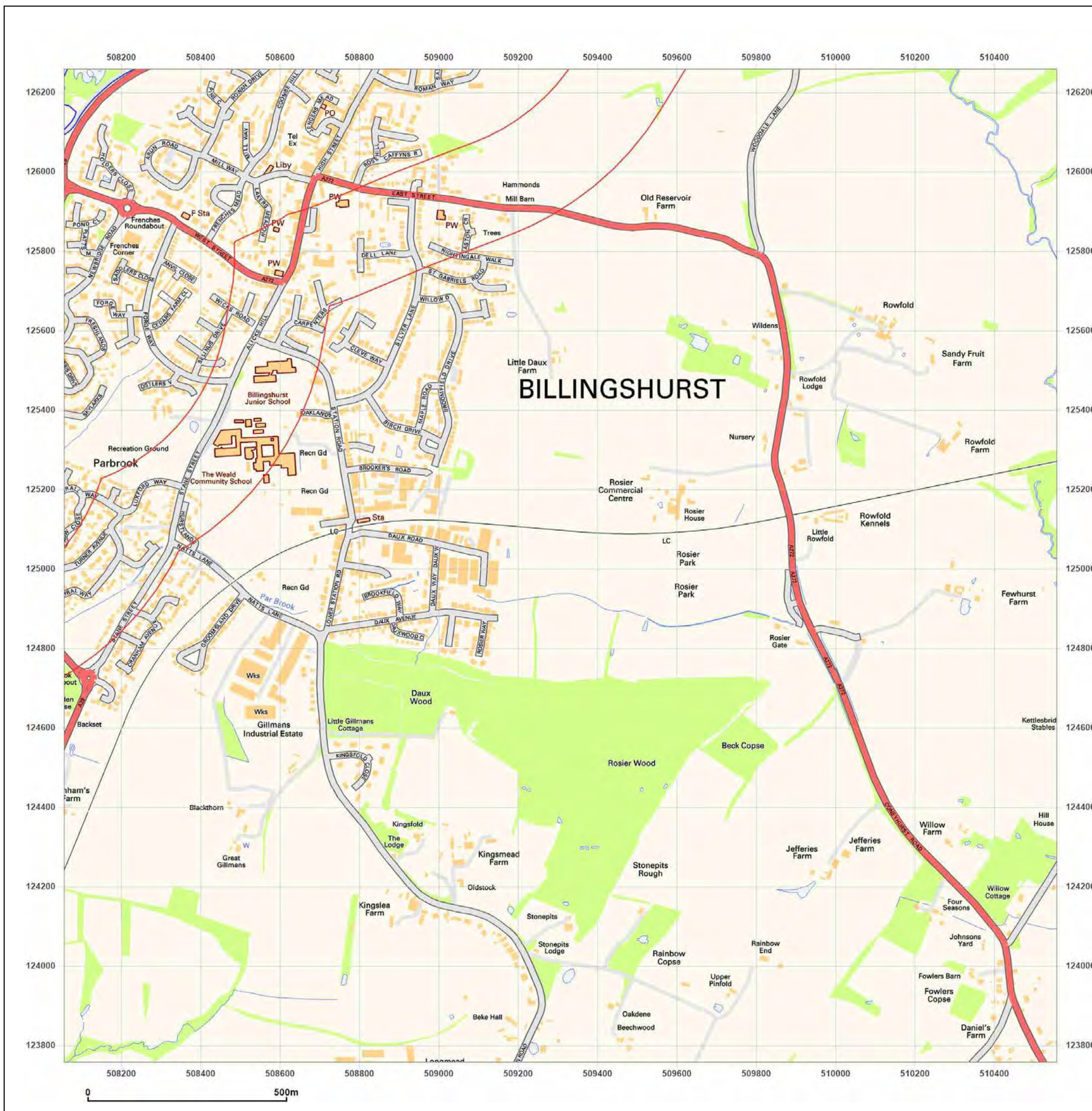


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Production date: 05 February 2025

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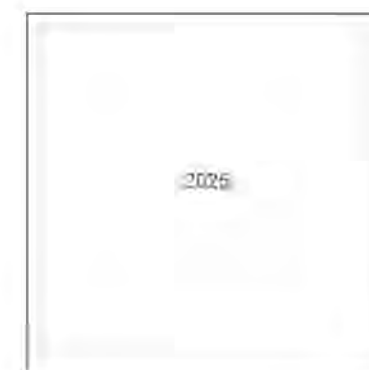
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Map Name: National Grid

Map date: 2025

Scale: 1:10,000

Printed at: 1:10,000

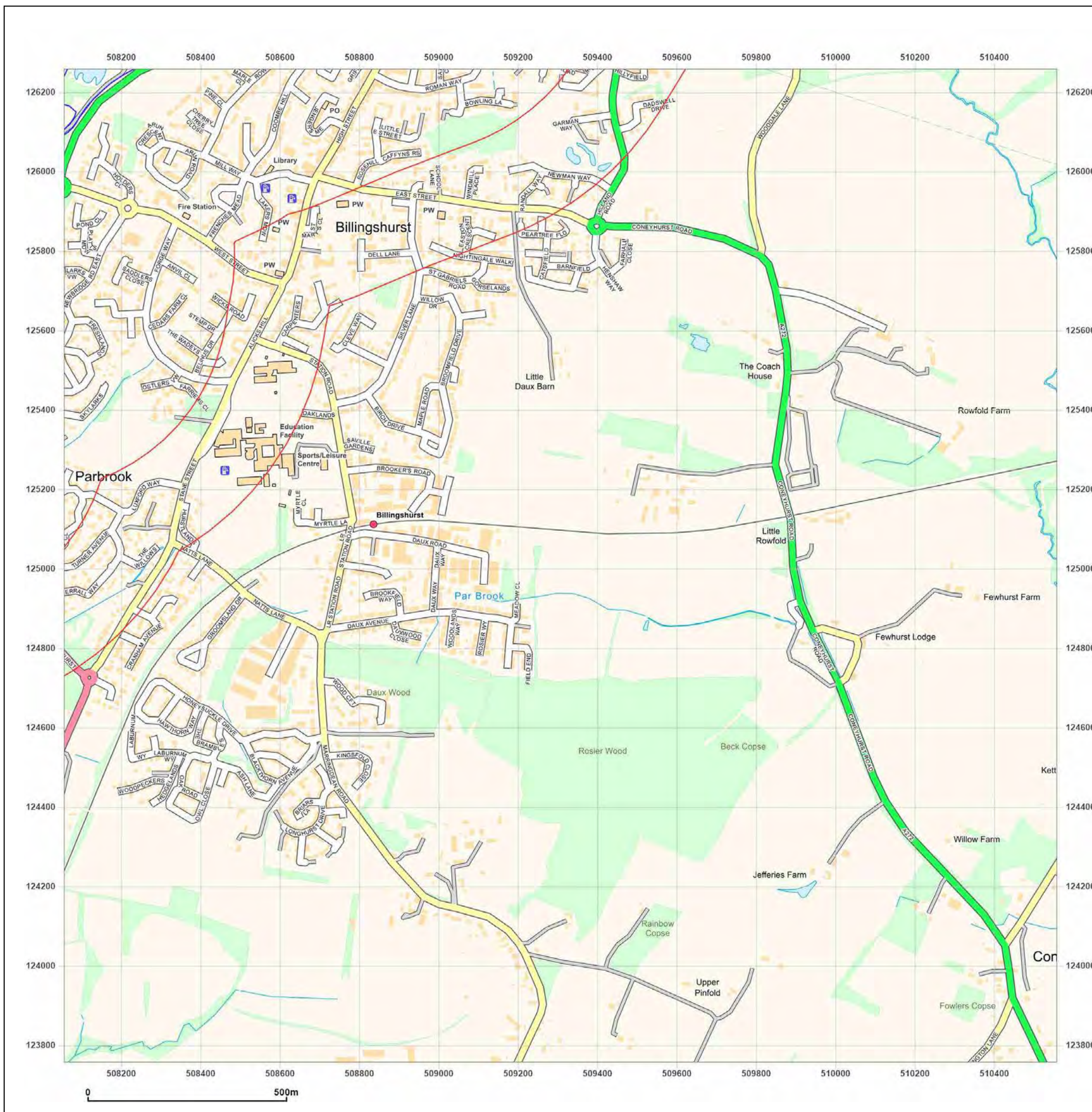


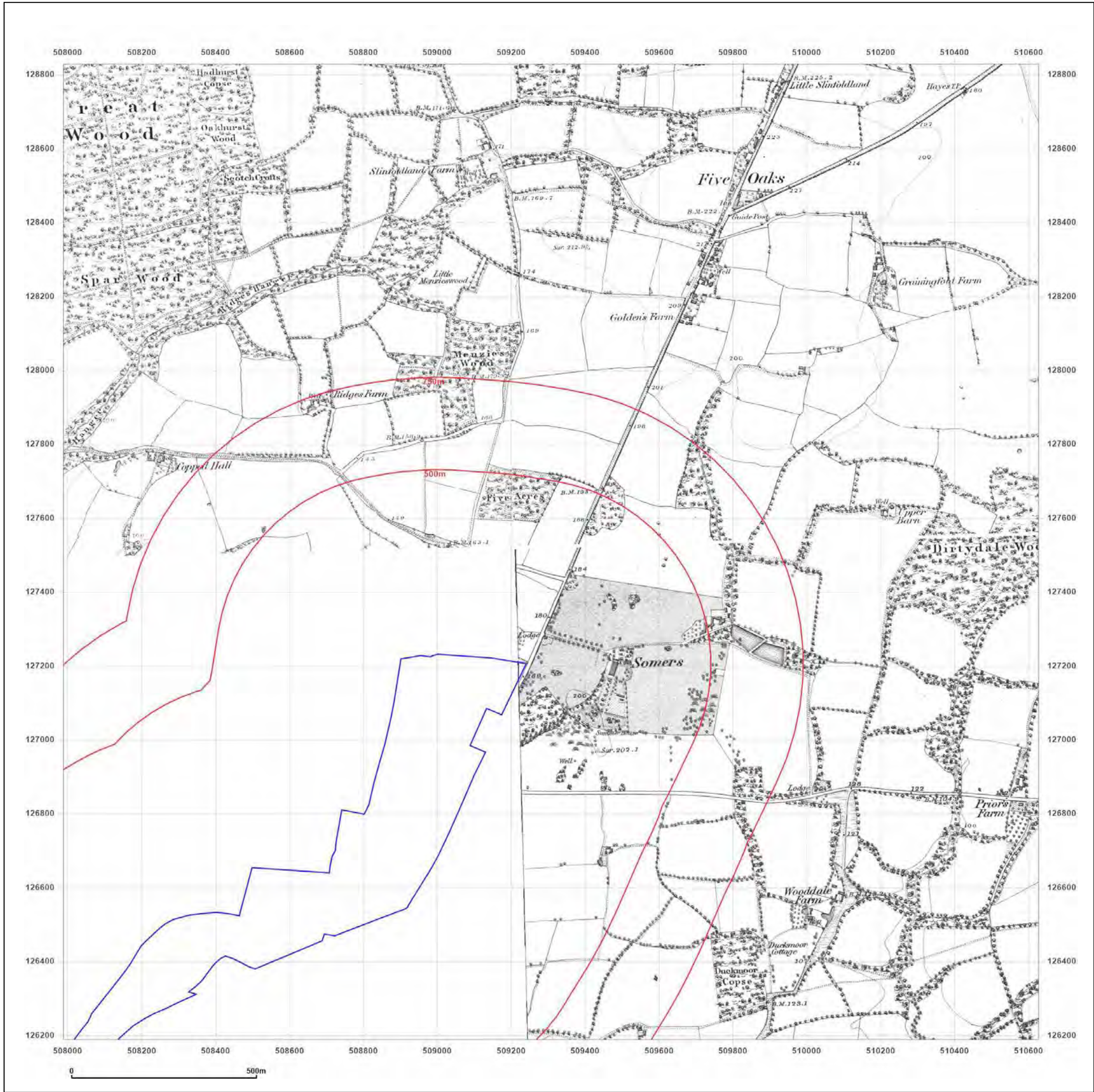
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Production date: 05 February 2025

Map legend available at:
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Site Details:
Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: County Series
Map date: 1876
Scale: 1:10,560
Printed at: 1:10,560

Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1876
Edition N/A
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Production date: 05 February 2025

Map legend available at:
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: County Series

Map date: 1876

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1876
Edition N/A
Copyright N/A
Levelled N/A

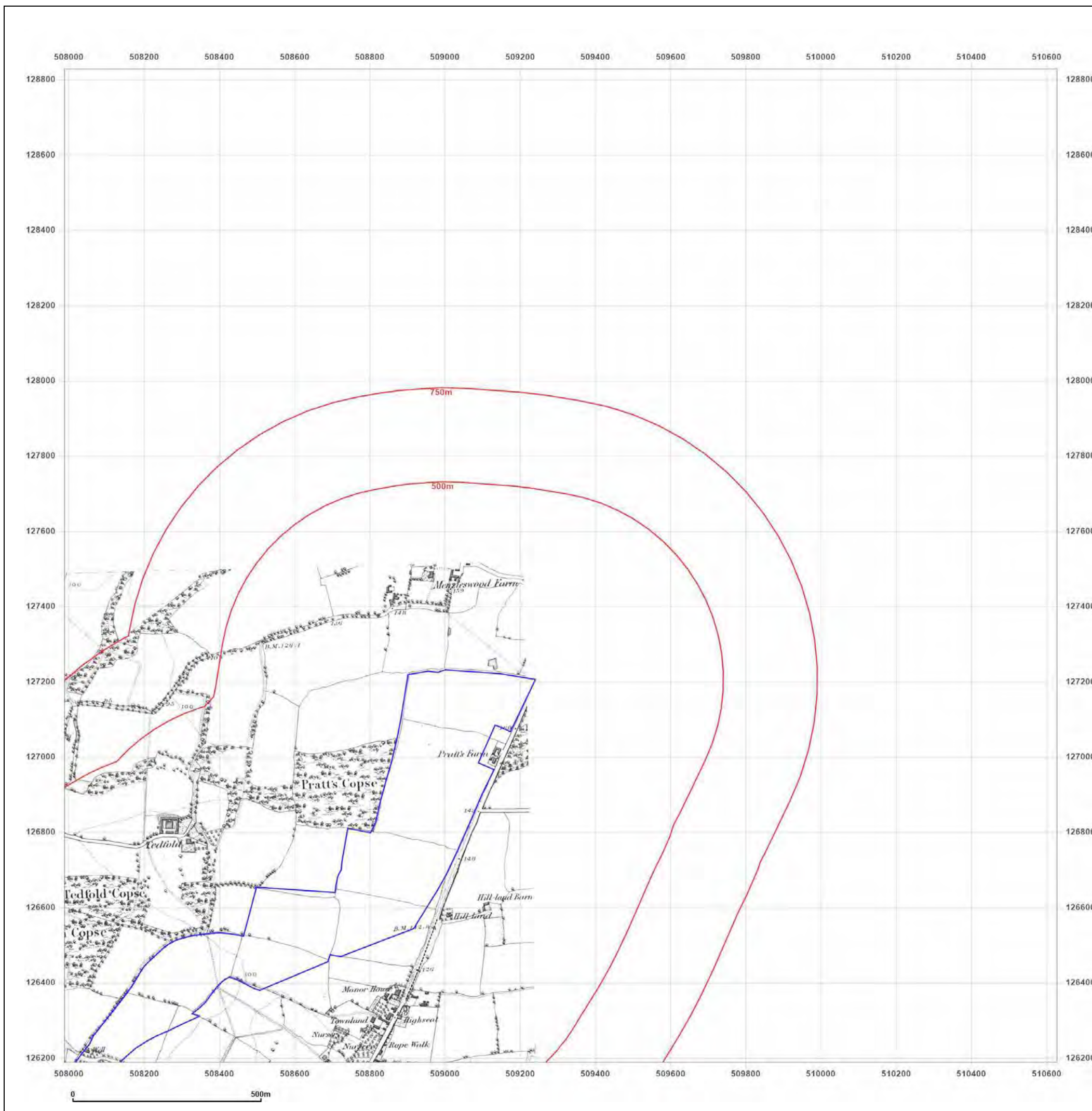


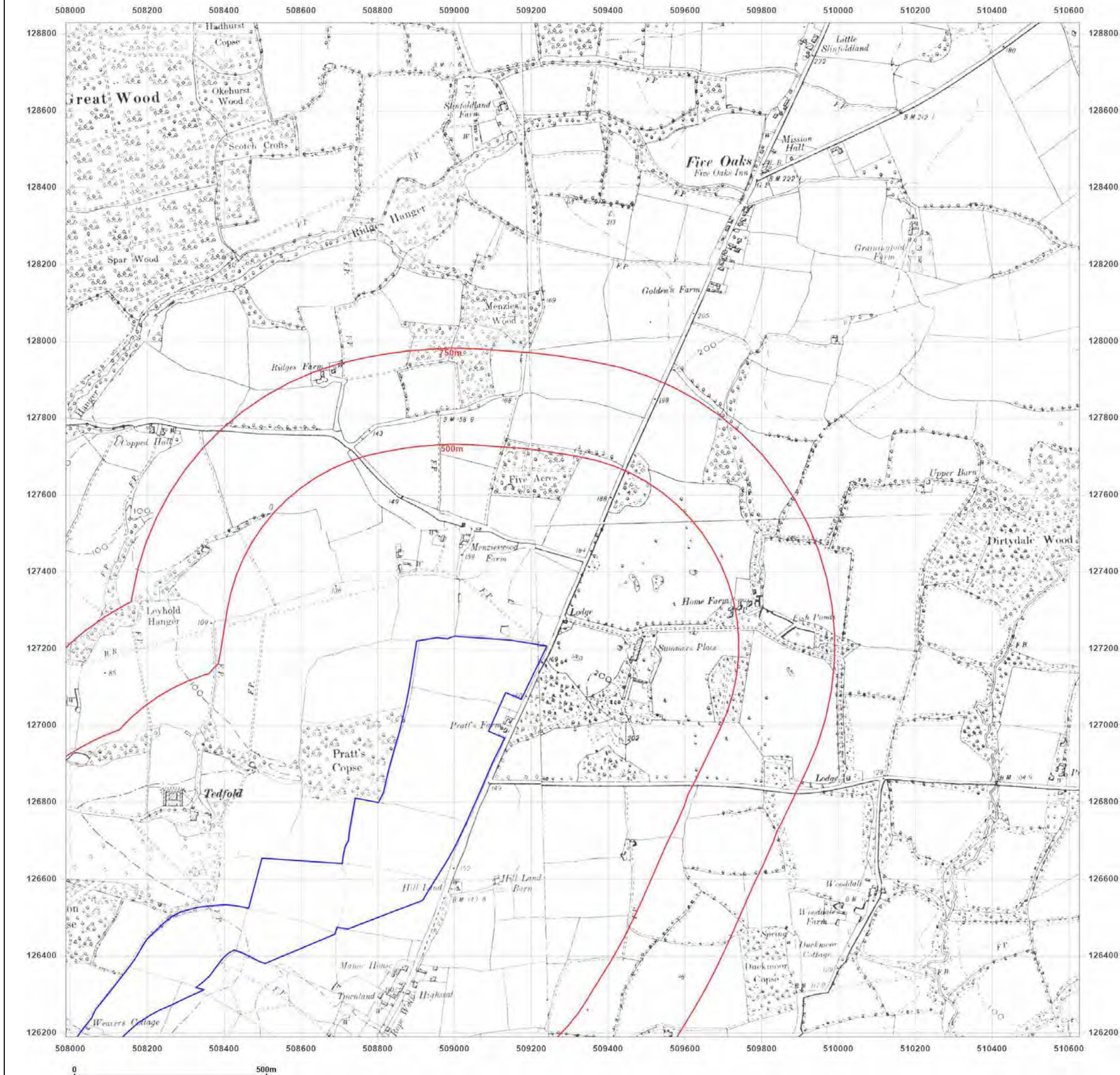
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Production date: 05 February 2025

Map legend available at:
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: County Series

Map date: 1895-1896

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1895
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
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Map legend available at:
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: County Series

Map date: 1913-1914

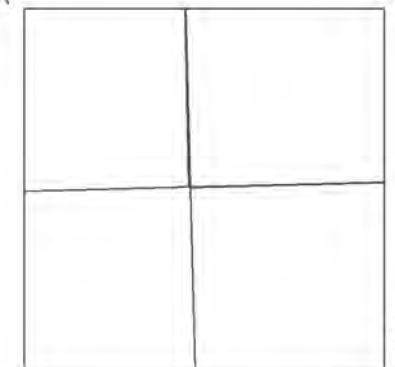
Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1874
Revised 1914
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1874
Revised 1913
Edition 1913
Copyright N/A
Levelled N/A



Surveyed 1875
Revised 1913
Edition 1913
Copyright N/A
Levelled N/A

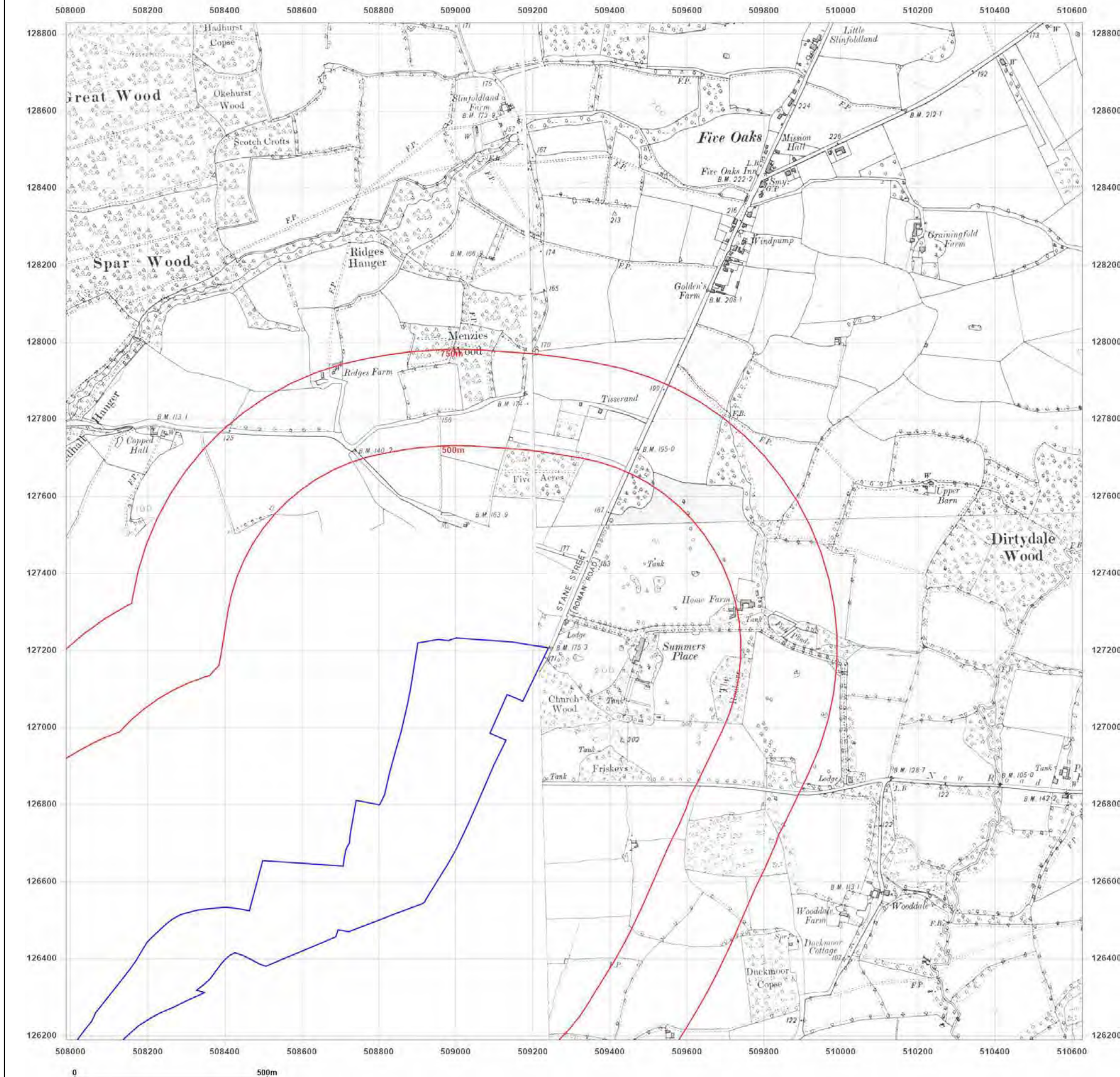


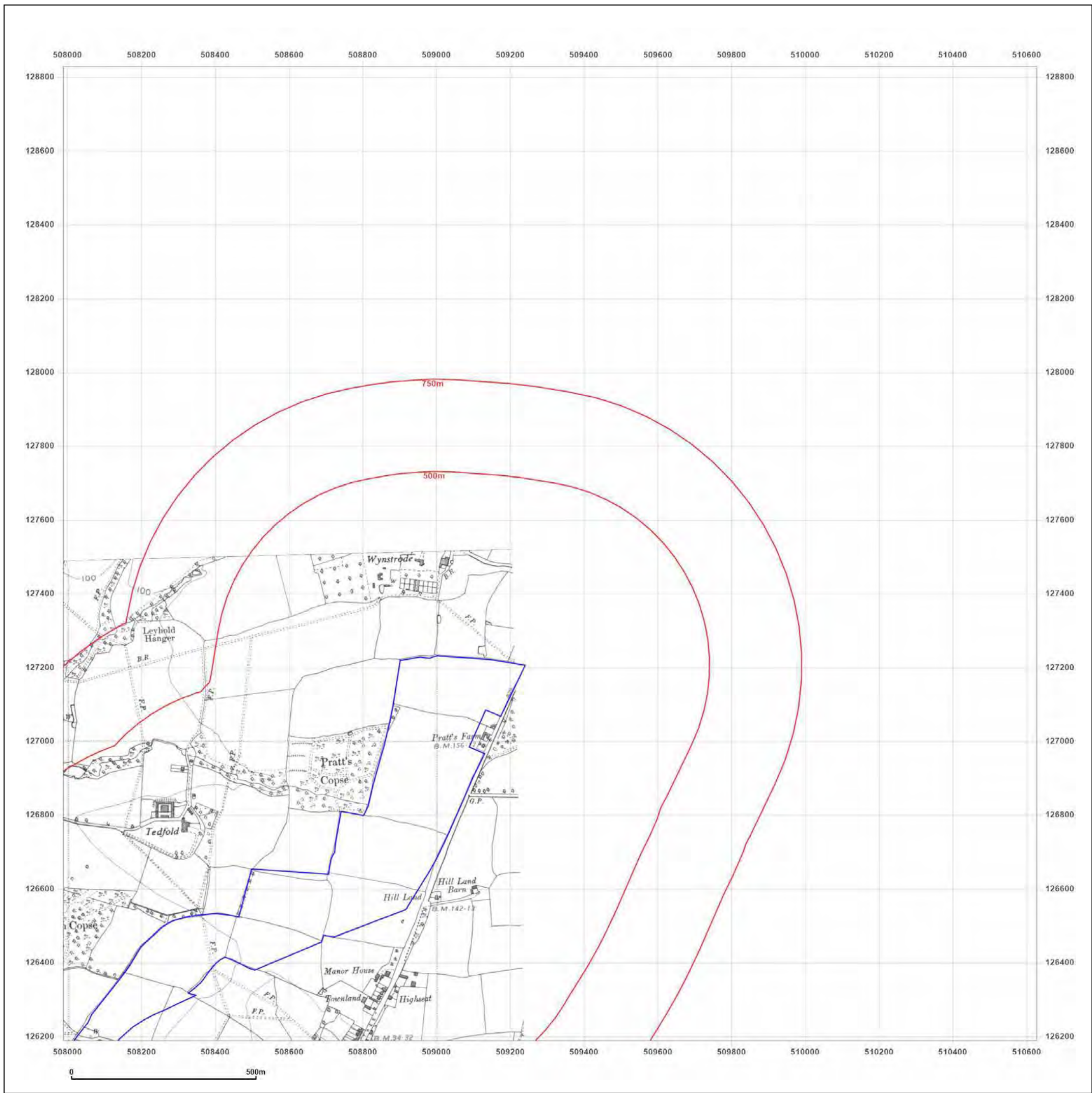
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: County Series

Map date: 1947

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1874
Revised 1947
Edition N/A
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: Provisional

Map date: 1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled N/A

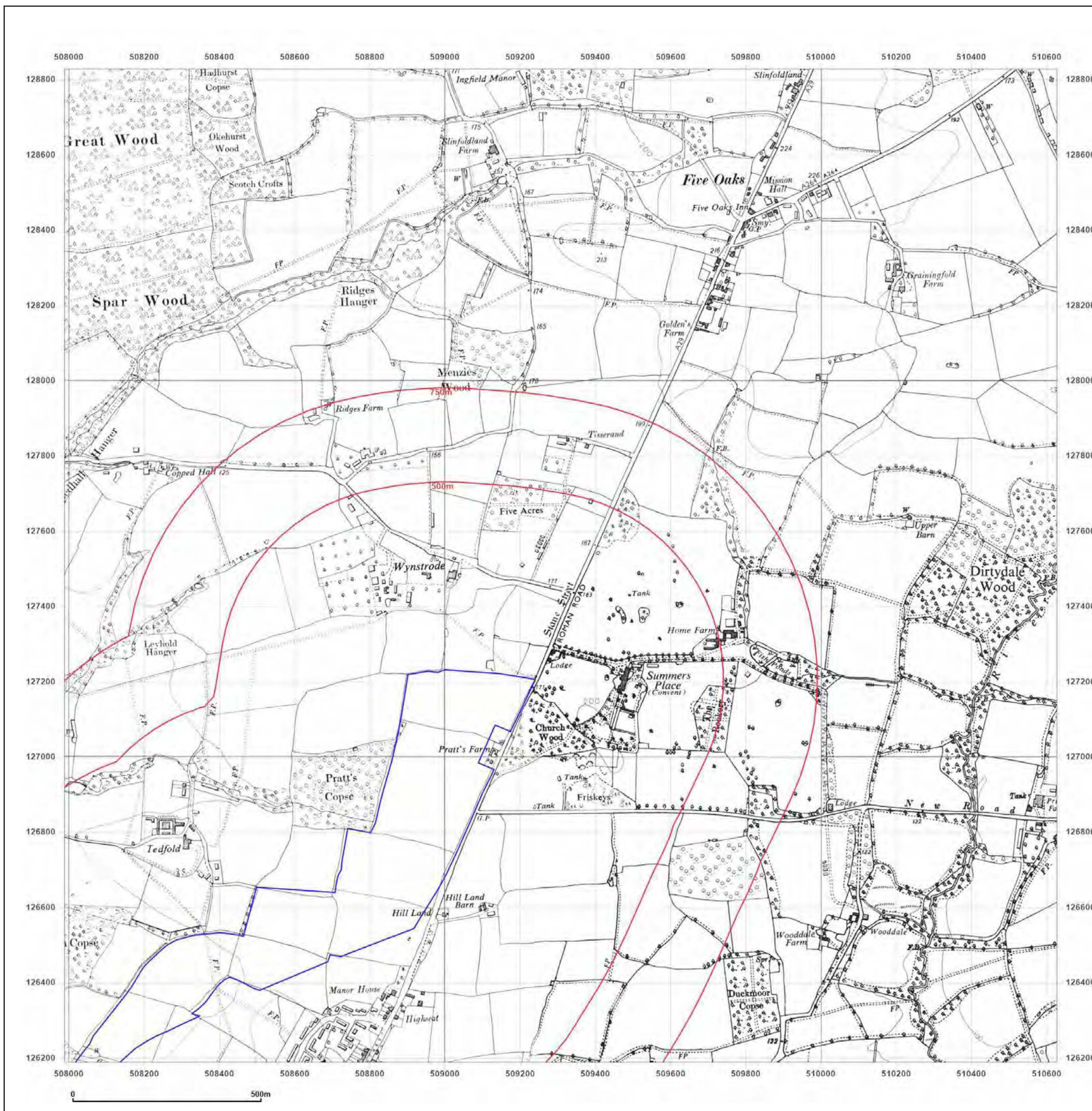


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: National Grid

Map date: 1973

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
 Revised 1973
 Edition N/A
 Copyright N/A
 Levelled N/A

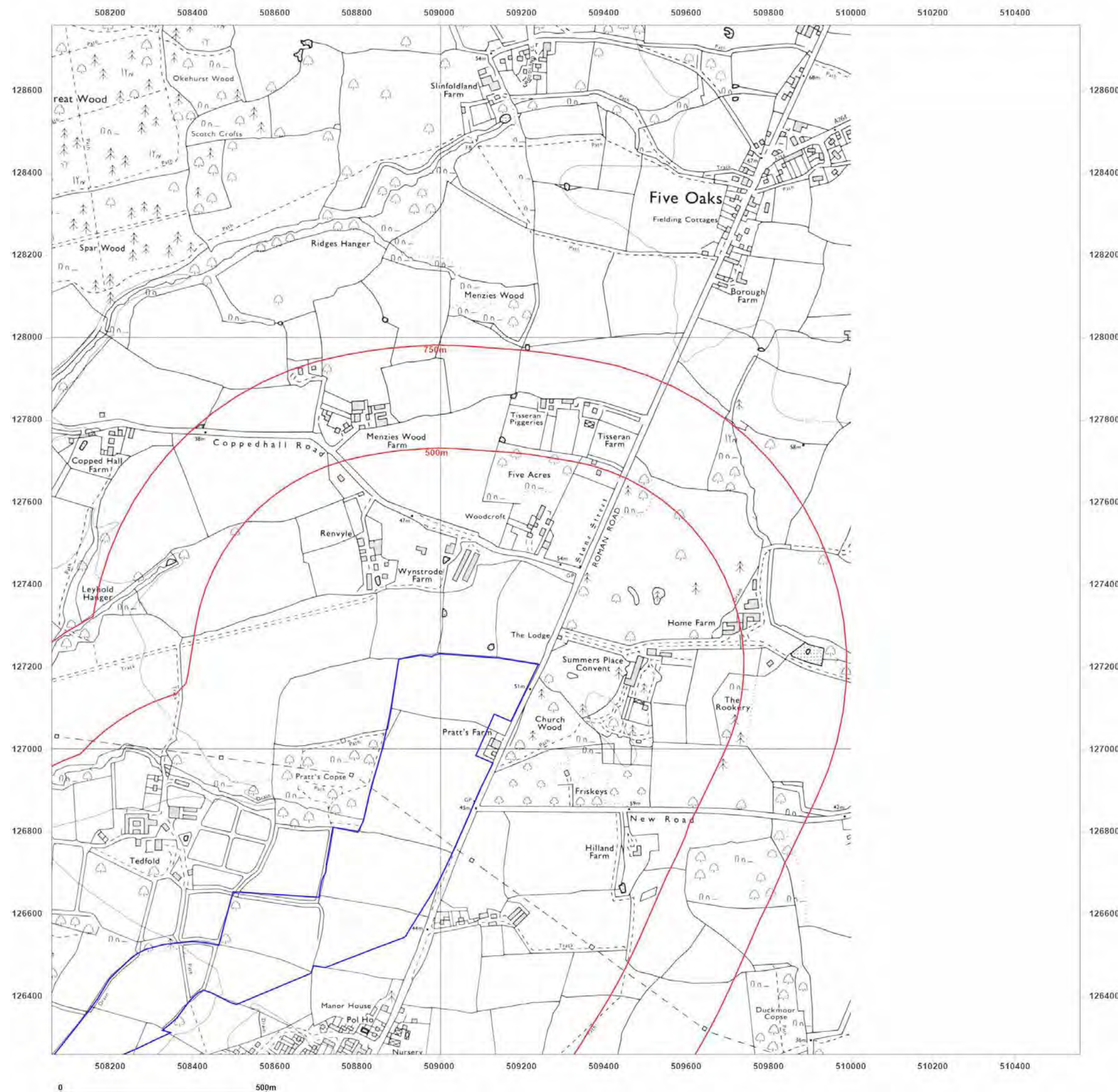


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Map legend available at:
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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

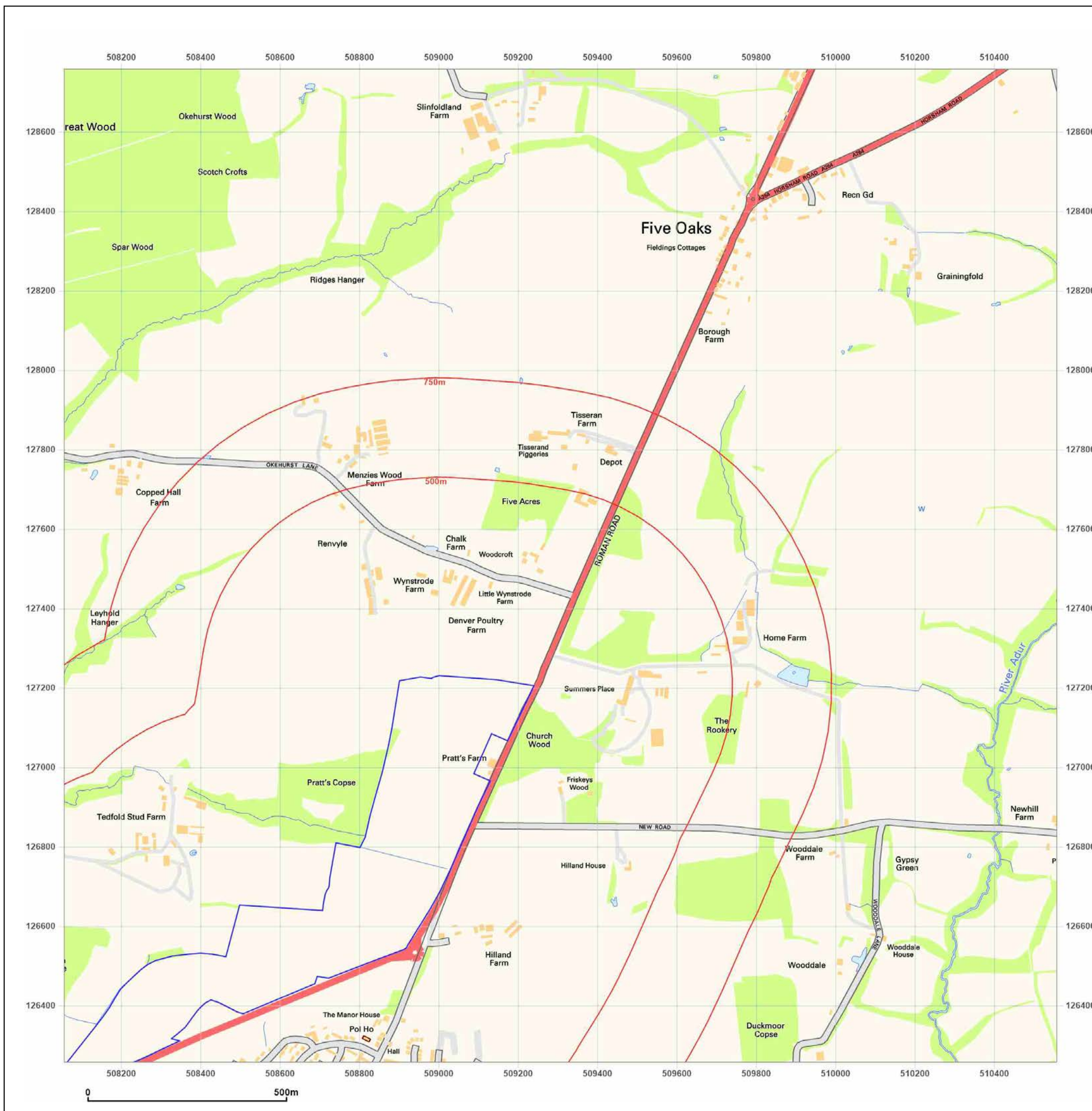


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

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Printed at: 1:10,000

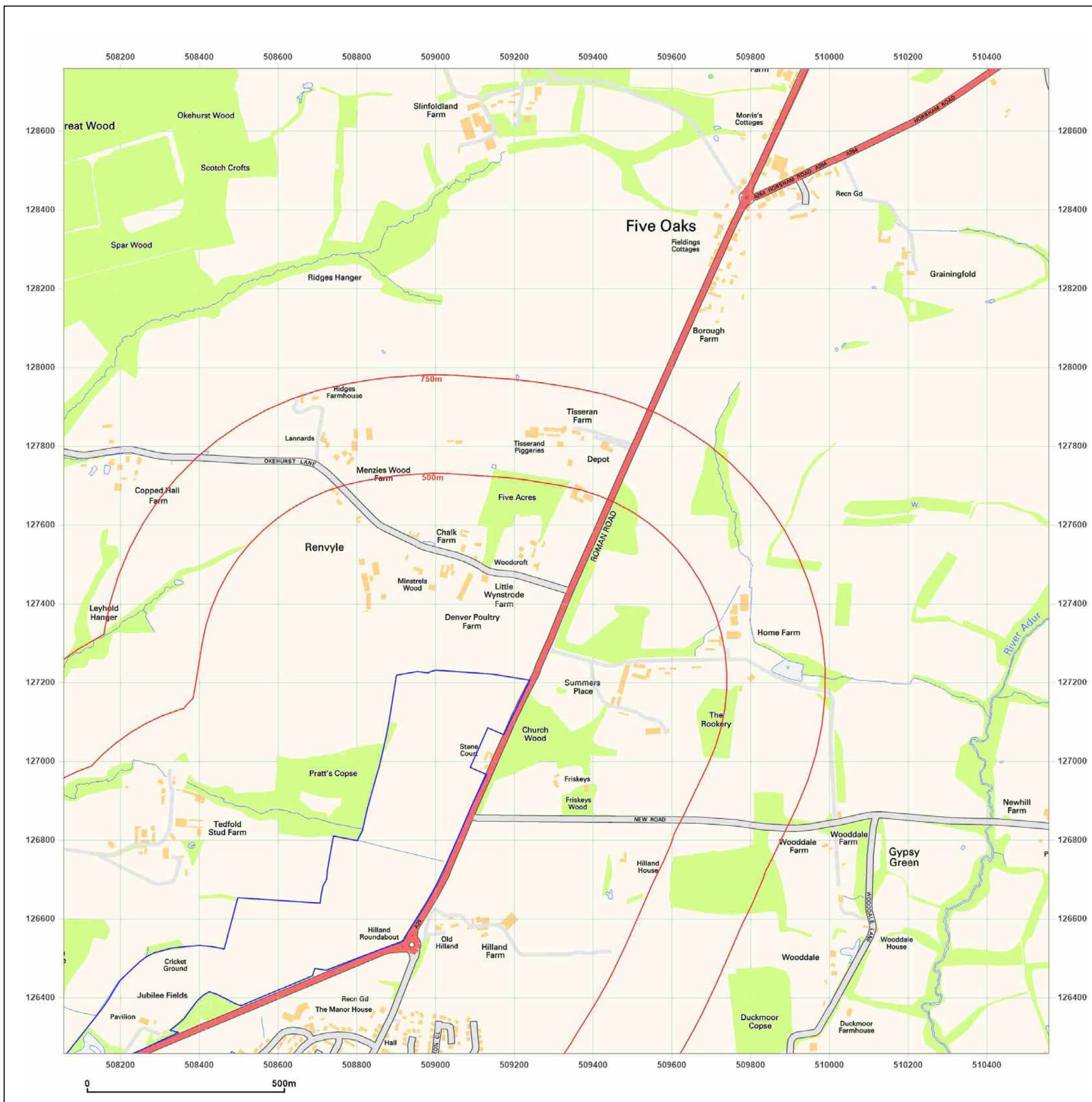


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Site Details:

Billingshurst

Client Ref: J25-007 - Billingshurst
Report Ref: GS-ID5-W1R-UPK-M9O_SS_2_2
Grid Ref: 509307, 127508

Map Name: National Grid

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Printed at: 1:10,000

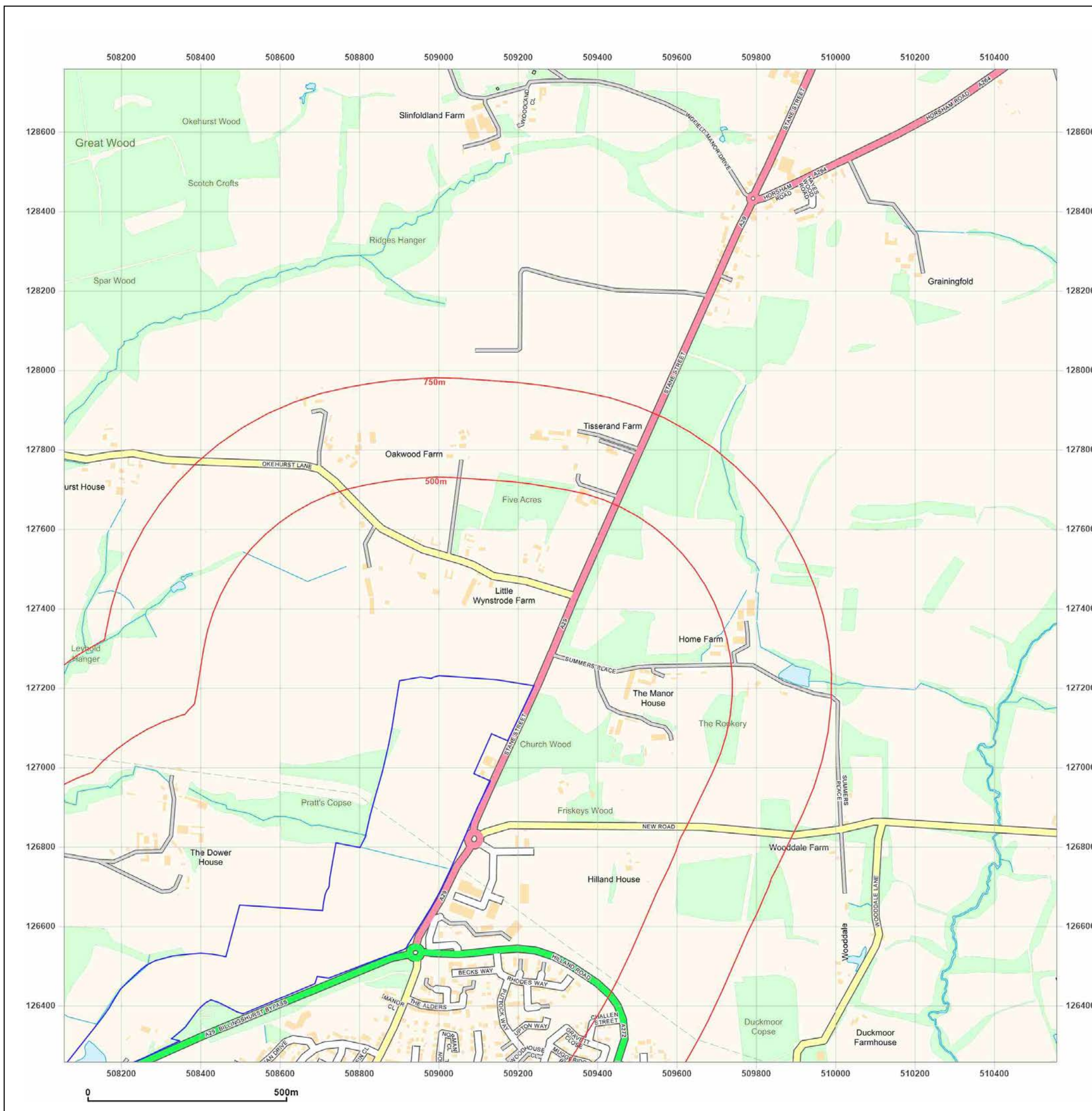


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Map legend available at:
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UNEXPLODED BOMB RISK MAP



SITE LOCATION

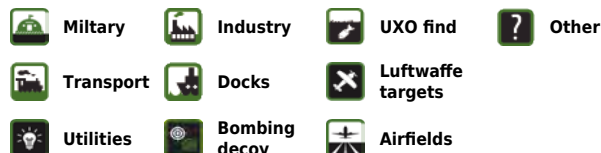
Map Centre: 507956,125972



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.



How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density. Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then [additional detailed research](#) is recommended.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our [pre-desk study assessments \(PDSA\)](#) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 email: uxo@zetica.com web: www.zeticauxo.com

The information in this UXB risk map is derived from a range of sources and should be used with the [accompanying notes on our website](#).

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APPENDIX 3: PHOTOGRAPHS

















APPENDIX 4: DISCOVERY STRATEGY

Attn: Ground Works Contractors

Billingshurst – Discovery Strategy

Background

This document presents a brief summary of the actions to be taken if suspected contamination of the soil or groundwater is encountered during the development of the site and follows on from the GCC Desk Top Study dated March 2025.

Evidence of contamination

Evidence of contamination may be in the following forms, although other indicators may be observed.

- Dark staining of the soil
- Ash in soil
- Oily sheen on soil or water
- Tanks and pipework
- Smell of oil/diesel/petrol
- Asbestos containing material fragments
- Large deposits of made ground (e.g. waste deposits)

Actions following identification of evidence of contamination

Contractors encountering evidence of contamination are to report the discovery to the site office/site manager.

- Further development of the potentially contaminated area should cease and Site Manager should contact GCC (ask@groundcc.com) to attend site and assess the implications of the discovered impact.
- GCC will in turn inform the Local Authority and/or the Environment Agency as appropriate.
- Potentially contaminated material is to be left in situ where possible, or stockpiled in bunded areas where it is not possible to leave in situ, until an assessment is complete and appropriate action is agreed with the relevant regulator.
- Potentially contaminated material to be disposed of off site may require further chemical testing.