



HELIOS RENEWABLE
ENERGY
PROJECT

Preliminary Environmental Information Report

Volume 3: Technical Appendices

Appendix 2.4: Phase 1 Ground
Conditions Assessment



Helios Renewable Energy Project

Phase 1 Ground Conditions Assessment

On behalf of **Enso Green Holdings D Limited**

Project Ref: 332610098/3500 | Rev: 02 | Date: August 2023

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1 Introduction

1.1 Preamble

- 1.1.1 Stantec UK Limited (Stantec) has been commissioned by Enso Green Holdings D Limited (the Applicant) to undertake a Phase 1 Ground Conditions Assessment in relation to an application to be made to the Secretary of State for the Department for Energy Security and Net Zero under Section 37 of the Planning Act 2008 (as amended), seeking a Development Consent Order ('DCO') for the Helios Renewable Energy Project (the 'Proposed Development').
- 1.1.2 This report presents a Phase 1 Ground Conditions Assessment comprising a desk study, Tier 1 (preliminary) qualitative contamination risk assessment and a preliminary ground stability appraisal.
- 1.1.3 Guidance on the use of this report is provided at the end of the report.

1.2 Background/Purpose

- 1.2.1 A request for an EIA Scoping Opinion was submitted to the Planning Inspectorate ('PINS') in June 2022. The Applicant proposed that land contamination could be scoped out of the ES in support of the DCO application for the Proposed Development on the basis that there would be no significant effects on land contamination as the identified land use at the Site was predominately agricultural land. An EIA Scoping Opinion was adopted by PINS on 14th July 2022 which stated that due to the absence of supporting evidence, a preliminary risk assessment ('PRA') should be prepared and submitted with the Environmental Statement ('ES') in support of the DCO application and should potential land contamination at the Site be identified in the PRA, the ES should assess significant effects where these are likely to occur.

1.3 Proposed Development

- 1.3.1 The Proposed Development comprises the construction, operation and maintenance, and decommissioning of a solar photovoltaic ('PV') array electricity generating facility with a total capacity exceeding 50 Mega-Watts ('MW') across 475.68 hectares ('ha') of land within the administrative boundary of North Yorkshire Council ('NYC') (a unitary authority). A Parameter Plan for the Proposed Development is provided at Figure 3.3 of the Preliminary Environmental Information Report ('PEIR').

1.4 Objectives and Scope

- 1.4.1 The application for development consent will be considered against the following designated and draft National Policy Statements ('NPSs'):
- Overarching NPS for Energy (EN-1) (July 2011) ('NPS EN-1')¹;
 - Revised (Draft) Overarching NPS for Energy (EN-1) (March 2023) ('Revised (Draft) NPS EN-1')²;
 - NPS for Renewable Energy Infrastructure (EN-3) (July 2011) ('NPS EN-3')³; and

¹Available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/47854/1938-overarching-nps-for-energy-en1.pdf Accessed June 2023

²Available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1147380/NPS_EN-1.pdf Accessed June 2023

³Available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/37048/1940-nps-renewable-energy-en3.pdf Accessed June 2023

- Revised (Draft) NPS for Renewable Energy Infrastructure (EN-3) (March 2023)⁴:

1.4.2 The relevant text from each NPS is presented below.

NPS EN-1

1.4.3 Contamination is discussed in paragraph 5.11.8 of NPS EN-1 which reads as follows:

'Applicants should seek to minimise impacts on the best and most versatile agricultural land (defined as land in grades 1, 2 and 3a of the Agricultural Land Classification) and preferably use land in areas of poorer quality (grades 3b, 4 and 5) except where this would be inconsistent with other sustainability considerations.'

'Applicants should also identify any effects and seek to minimise impacts on soil quality taking into account any mitigation measures proposed. For developments on previously developed land, applicants should ensure that they have considered the risk posed by land contamination, and where contamination is present, applicants should consider opportunities for remediation where possible. Applicants are encouraged to develop and implement a Soil Management Plan which could help minimise potential land contamination.'

Revised (Draft) NPS-EN-1

1.4.4 Contamination is discussed in paragraph 5.11.8 of the Revised (Draft) NPS EN-1 which reads as follow:

'The ES should identify existing and proposed land uses near the project, any effects of replacing an existing development or use of the site with the proposed project or preventing a development or use on a neighbouring site from continuing. Applicants should also assess any effects of precluding a new development or use proposed in the development plan. The assessment should be proportionate to the scale of the preferred scheme and its likely impacts on such receptors. For developments on previously developed land, the applicant should ensure that they have considered the risk posed by land contamination and how it is proposed to address this.'

NPS EN-3

1.4.5 There are no statements relevant to this assessment.

Revised (Draft) NPS EN-3

1.4.6 Contamination is discussed in paragraphs 3.10.14 and 3.10.19. These state as follows:

'While land type should not be a predominating factor in determining the suitability of the site location applicants should, where possible, utilise previously developed land, brownfield land, contaminated land and industrial land. Where the proposed use of any agricultural land has been shown to be necessary, poorer quality land should be preferred to higher quality land (avoiding the use of "Best and Most Versatile" agricultural land where possible).'

'Applicants are encouraged to develop and implement a Soil Resources and Management Plan which could help to use and manage soils sustainably and minimise adverse impacts on soil health and potential land contamination. This should be in line

⁴Available at:
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1147382/NPS_EN-3.pdf
Accessed June 2023

with the ambition set out in the Environmental Improvement Plan to bring 60% of England's agricultural soils into sustainable management by 2030.'

- 1.4.7 The objective of this assessment is to review published and readily available information to identify the likely ground conditions at the Site and the immediate surrounding land, and to assess whether there are significant land contamination, ground and slope stability risks associated with the ground conditions that may require management (remediation or mitigation).
- 1.4.8 The scope of work performed by Stantec for this study comprises:
- i. A desk study review of readily available information including geological, hydrogeological and aquifer vulnerability maps, historical Ordnance Survey maps supplemented where possible by reference to early maps and other historical records and publicly available ground investigation data, drawings and reports.
 - ii. A walkover survey to examine the current condition of the Site and surrounding area, conducted on the 17th and 18th of May 2023.
 - iii. A qualitative assessment of geological hazards, and ground and slope stability hazards to identify the potential risk, if any, arising from artificial cavities; natural cavities; and other potential adverse foundation conditions.
 - iv. A qualitative Tier 1 land contamination risk assessment utilising a Conceptual Model to identify 'source-pathway-receptor' linkages to assess the potential risk and hazards, if any, associated with existing contamination in the ground.

1.5 Methodology

Assessment of Ground Conditions – Land Instability

- 1.5.1 The preliminary land instability assessment methodology adopted by Stantec follows the guidance on preliminary land stability assessment given in the Planning Practice Guidance for Land Stability (MHCLG, 2019). The guidance requires, at least, a desk-based study and a site inspection visit by an appropriately qualified person.
- 1.5.2 The desk-based study comprises a review of existing readily available published sources of geological, geomorphological, hydrogeological and/or mining information on the Site and its surroundings and a historical review including mapping and aerial imagery, if appropriate.
- 1.5.3 The preliminary stability assessment also includes a review of geological hazards for the Site such as natural and man-made (mining) cavities, collapsible and compressible soils, running sand, and subsidence and heave due to volumetric change in the ground.

Assessment of Ground Conditions – Contamination

- 1.5.4 Stantec has utilised the guidance given in Land Contamination Risk Management ('LCRM') (EA, 2021) which provides references to established technical and procedural practice.
- 1.5.5 LCRM presents a three-stage process to the management of contaminated land, with Stage 1 being risk assessment. Risk assessment is undertaken in a phased manner comprising three tiers, with the three tiers being:
- Tier 1 - Preliminary Risk Assessment ('PRA') - a qualitative assessment to develop an outline conceptual site model ('CSM').
 - Tier 2 - Generic Quantitative Risk Assessment ('GQRA') - a quantitative assessment using published criteria based on generic assumptions to screen site-specific ground condition data.

- Tier 3 - Detailed Quantitative Risk Assessment ('DQRA') - a quantitative assessment involving the generation of site-specific assessment criteria ('SSAC').
- 1.5.6 The underlying principle is the evaluation of *pollutant linkages* in order to assess whether the presence of a source of contamination could potentially lead to harmful consequences. A pollutant linkage consists of the following three elements:
- A source of contamination or hazard that has the potential to cause harm or pollution.
 - A pathway for the hazard to move along / generate exposure.
 - A receptor which is affected by the hazard.
- 1.5.7 Each tier of risk assessment comprises the following four stages:
- Hazard Identification – identifying potential contaminant sources on and off-Site.
 - Hazard Assessment – assessing the potential for unacceptable risks by identifying what pathways and receptors could be present, and what pollutant linkages could result (forming the CSM).
 - Risk Estimation – estimating the magnitude and probability of the possible consequences (what degree of harm might result to a defined receptor and how likely).
 - Risk Evaluation – evaluating whether the risk needs to be, and can be, managed.
- 1.5.8 The risk assessment approach is an iterative process noting that all assessments must start with a PRA. Progression to the next tier is not always required if the assessment provides adequate confidence that the level of risk is acceptable.
- 1.5.9 Further information on the approach adopted by Stantec is presented in **Appendix A**.

1.6 Sources of Information

- 1.6.1 The following sources of information have been used in the preparation of this report:
- A walkover survey undertaken by a Stantec engineer on 17th and 18th of May 2023 to observe existing conditions both on the Site and the surrounding land. Photographs from the walkover are presented in **Appendix B**.
 - An 'Enviro+Geo Insight Report' and historical maps provided by Groundsure Ltd which are presented in **Appendices C** and **D**, respectively. Due to the scale of the Site Groundsure Ltd issued the 'Enviro+Geo Insight Report' as 9no. separate reports, each relating to a different area of the Site.
 - Review of the Natural Cavity and Mining (non-coal) Cavity databases managed and enhanced by Stantec.
 - Review of map records held by the BGS accessed via their website⁵.
 - Review of borehole records held by the British Geological Survey ('BGS') accessed via their website.
 - Review of the MAGIC (Multi-Agency Geographic Information for the Countryside) website⁶. The MAGIC website provides geographic information about the natural environment from

⁵ Available at: [GeoIndex - British Geological Survey \(bgs.ac.uk\)](https://www.bgs.ac.uk) Accessed June 2023

⁶ Available at: <http://www.magic.gov.uk> Accessed June 2023

across government. The information covers rural, urban, coastal and marine environments across Great Britain. It is presented in an interactive map which can be explored using various mapping tools.

- A search of the Stantec project database to identify any ground condition reports near the Site (within 250m).
- Search of records on the NYC online planning portal⁷.
- Enquiries with NYC and the Environment Agency ('EA') (**Appendix E**) regarding relevant environmental information that may present a constraint to the development of the Site.
- A Pre-Desk Study Assessment carried out by Zetica UXO to identify potential risks related to unexploded ordnance ('UXO') at the Site (**Appendix F**).

1.6.2 It should be noted that since the data searches set out above were undertaken, the Site area has reduced from 478.99ha to 475.68ha, comprising the removal of land in agricultural use located adjacent to Camblesforth from the Site area. This amendment does not affect the conclusions of this assessment.

⁷ Available at: <https://www.northyorks.gov.uk/planning-and-conservation/view-and-comment-planning-applications>
Accessed June 2023

2 Land Use Information

2.1 Introduction

- 2.1.1 This section presents a summary of current and historical land uses on and immediately adjacent to the Site. Land use is used to inform principally the hazard identification element of the risk assessment.
- 2.1.2 For ease of description the Site has been divided into two parcels. Parcel A, to the west of Station Road and southwest of the A1041, and Parcel B which comprises the remainder of the Site.

2.2 Location and General Description

- 2.2.1 Parcel A is located to the west of Camblesforth, approximately 4km south of Selby, North Yorkshire, Parcel B is located to the east of Camblesforth adjacent to Drax Power Station. The boundary between Parcels A and B is along the western side of Station Road. Parcel A is centred at approximate National Grid Reference SE 622 262 as shown on **Figure 1**, Site Location Plan.
- 2.2.2 The Site is an irregular shape and extends to approximately 475.68ha. As set out at paragraph 1.6.2 above, it should be noted that since the data searches were undertaken, the Site area has reduced from 478.99ha to 475.68ha, comprising the removal of land in agricultural use located adjacent to Camblesforth from the Site area. Parcel A is primarily occupied by agricultural fields. Parcel B is occupied by a transformer station associated with Drax Power Station and a golf course. The A645 links runs broadly east to west and links the two land Parcels.
- 2.2.3 Information provided from Ordnance Survey Terrain 50 Digital Terrain Model (DTM) data (viewed through the BGS GeoIndex⁸) indicates that the Site is situated on relatively flat ground with the south of the Site level being at approximately 3m Above Ordnance Datum ('AOD') and the north of the Site lying at approximately 5m AOD.
- 2.2.4 A Site Layout Plan is presented as **Figures 2a, 2b and 2c**.

2.3 Current Land Use

- 2.3.1 Current land-use information is based on a site reconnaissance survey undertaken by an engineer from Stantec on the 17th and 18th of May 2023. Selected photographs taken during the site walkover are presented in **Appendix B**.

On-Site (Parcel A)

- 2.3.2 Parcel A comprises fields used for arable agriculture, as well as lanes and roads which run between them. Fields are typically divided by drains (up to 2.5m deep and 4m wide) and / or hedgerows. The drains were typically water bearing at the time of the walkover.
- 2.3.3 Parcel A was seen to be generally flat, although a depression of unknown provenance was present in the northwest of the Parcel. The depression was noted as being approximately 40m long x 10m wide x 1m deep.
- 2.3.4 High and medium voltage overhead power lines were seen to cross Parcel A in a roughly north-eastern to south-west orientation. There is also a network of low voltage (<11kv) overhead power lines present. A gas pipeline also runs through the south of Parcel A, with marker posts

⁸ Available at: [GeoIndex - British Geological Survey \(bgs.ac.uk\)](https://www.bgs.ac.uk) Accessed June 2023

noted at field boundaries. The locations of the identified utilities are indicated on **Figures 2a, 2b** and **2c** for information purposes.

- 2.3.5 Near the north-western corner of the Parcel is a water pump and a small brick building. Adjacent to the pump was a bunded metal tank, assumed to contain fuel used to power the pump. The bund was built from breeze blocks and appeared to be in good condition. The tank was approximately 2000L in capacity and also appeared to be in good condition. It is understood from the Groundsure Report that this pump is associated with groundwater abstraction for agricultural purposes; this is discussed further in **Section 3.10** below.

On-Site (Parcel B)

- 2.3.6 A 1.6ha area of Parcel B is occupied by a transformer station associated with Drax Power Station. Due to access constraints, it was not possible to access the transformer station during the site walkover.
- 2.3.7 An area of land belonging to the Drax Golf Club is also present and features a car park, an area of open grassland, and a heavily vegetated area along the northern edge of the golf course. This heavily vegetated area contains a concrete path which runs parallel to the A645 for approximately 250m, a waterfilled drainage ditch which runs alongside the concrete path and a mound (up to 5m tall) south of the drain. To the southeast of the mound is a yard used for stockpiling sand and turf for use on the golf course, and the storage of machinery. The yard appeared to be constructed of paved concrete, no staining was observed within the yard.
- 2.3.8 The A645 connects Parcel B to Parcel A. Where it meets the golf club it is elevated on an embankment which ranges from approximately 3m high at its eastern end to 5m high to the west. A rail line passes under the A645 via a bridge in a northwest-southeast direction, bisecting the Drax Golf Club before joining another line which runs in a southwestern direction.

Off-Site

- 2.3.9 The local area around Parcel A is typically used for agricultural purposes and is interspersed with farm yards, woodland and residential dwellings.
- 2.3.10 The area around Parcel B is used for a number of activities. To the south is a golf course and a number of arable fields. Camblesforth is located west of Parcel B, a large residential development borders the northern boundary at the western end of the parcel. North of the central area of the parcel is a large greenhouse and multiple industrial units. To the northwest of the transformer station is Drax Power Station.

2.4 Historical Land Use

- 2.4.1 This section presents a summary of historical land uses on the Site and in the immediate surrounding area, as identified from historical Ordnance Survey ('OS') maps and plans provided by Groundsure as presented in **Appendix D**, supplemented by a review of Google Earth historical aerial photographs and internet searches for relevant historical information.
- 2.4.2 The available historical OS mapping and aerial photography covers the period between 1855 and 2023.

On-Site - Parcel A

- 2.4.3 The earliest available mapping, dated 1855, shows most of the Site comprises agricultural land interspersed with areas of woodland. Several dwellings are present across the Site, Hardenshaw Lane is already established in the south of Parcel A and Brigg Lane in the northeast of Parcel B.

2.4.4 Throughout the later 19th century and early 20th century, mapping shows few significant changes, although the removal of woodland in favour of agricultural land is noted in Parcel A.

On-Site - Parcel B

2.4.5 Few significant changes are noted within Parcel B until the 1950s when a rail line is constructed, crossing the parcel from in a north-western direction.

2.4.6 The A645 first appears on a map dated 1974 and replaces the part of Brigg Lane which previously ran through the Parcel. Further changes occur throughout the late-20th century, including the construction, and subsequent demolition, of a fish farm on the southern border, including two tanks and two associated buildings. The fish farm has been replaced by Drax Golf Course to the south of the A635 which is first shown on mapping in 1994.

2.4.7 No significant changes are noted on Site since the late-20th century.

Off-Site

2.4.8 Historical mapping shows that from the mid to late 19th century indicates that the area surrounding the Site is primarily agricultural land and woodland, The villages of Camblesforth and Coulton are already established. The railway lines were constructed to the south and west of the Site around 1890.

2.4.9 Throughout the 20th century Camblesforth expands steadily. The 1950 map indicates the construction of multiple buildings to the south of the Site at West Bank; these are likely to be associated with the numerous greenhouses indicated in the area from 1973 onwards. The rail line to the northeast of the Site is indicated from 1950 and an aerodrome is indicated approximately 450m west of the Site from 1958 onwards.

2.4.10 Drax Power Station started construction in 1967 and was commissioned in 1974 before being extended (construction starting in 1979 and operational in 1986). Until 2004 it was fuelled entirely by coal, in 2004 conversion to biomass fuel started.

2.4.11 Mapping from 1988 indicates a large greenhouse immediately to the north of Parcel B.

2.4.12 No significant changes are indicated across the area local to the Site between the 1990s and the 2023 mapping.

3 Environmental Setting

3.1 Introduction

3.1.1 Information on the environmental setting is presented in this section and the data is used to inform the Stability Assessment in **Sections 4** and Preliminary Risk Assessment presented in **Section 5**.

3.2 Published Geology

Geological Mapping

3.2.1 The BGS 1:63,360 scale geological map sheet 79 Goole (BGS, 1972) and the BGS GeoIndex (onshore) interactive map⁹ (BGS, 2023a) indicate that the natural ground conditions at the Site are expected to comprise the following:

Superficial Deposits

3.2.2 There are three superficial deposits recorded on-Site, as listed below. Information regarding descriptions has been taken from the BGS Lexicon (BGS, 2023b)¹⁰:

- In localised, small areas in the south and northeast of Parcel A, Quaternary aged Alluvium deposits are present comprising clay, silt, sand and gravel.
- Northern and central areas of the Site are underlain by the Devensian aged Brighton Sand Formation which comprises predominantly yellow to pale brown and reddish yellow slightly clayey sand to silty sand with a variably developed very dusky red to black compressible peat to clayey sandy peat base.
- The majority of the Site is underlain by the Devensian aged Hemingborough Glaciolacustrine Formation which comprises unfossiliferous laminated clays, silts and sands with rare dropstones (typically fine-grained pale coloured sandstone, grey limestone and dark mudstone).

Bedrock Geology

3.2.3 The Site is shown to be underlain by bedrock of the Triassic aged Sherwood Sandstone Group. The formation is described as comprising a red, yellow and brown sandstone which is part pebbly with the pebbles generally extraformational quartz and quartzite. The Sherwood Sandstone Group is also indicated to be present at the surface in a small area at the easternmost point of Parcel A and near the westernmost point of Parcel B.

3.2.4 The Site's geology is shown on **Figure 3**.

Historical BGS Borehole Records

3.2.5 A search of the BGS's GeoIndex (Onshore) interactive map shows boreholes situated on-Site and within a close vicinity to the Site. Four (non-confidential) boreholes are located across the Site and a further 41no. within 250m of the Site.

⁹ Available at: <https://mapapps2.bgs.ac.uk/geoindex/home.html> Accessed June 2023

¹⁰ Available at: <https://www.bgs.ac.uk/technologies/the-bgs-lexicon-of-named-rock-units/> Accessed June 2023

Table 3.1 Summary of Historical BGS Borehole Logs On-Site

Stratum Type	Base of Stratum (m below ground level ('bgl'))	General Lithological Description
Brighton Sand Formation	1.2 to >11.1	Fine to medium dense brown to dark brown sand
Hemingbrough Glaciolacustrine Formation	2.3 to >15.2	Stiff grey-brown mottled silty clay
Sherwood Sandstone Group	>12.2	Soft/hard red sandstone

3.2.6 Groundwater was encountered in Historical BGS Borehole SE62NW75 at 2.3m bgl (1.5m AOD) shown on **Figure 3**.

3.3 Previous Ground Investigation Reports

3.3.1 A search of the Stantec Project Database for ground condition reports within 250m of the Site from identified a desk study and interpretive ground investigation report for Drax Power Station (located to the north of Parcel B) completed in September 2011. Review of these reports provided no information relevant to this assessment.

3.4 Geodiversity

3.4.1 There are no international, or national, or local designated sites for geology present on-Site, or within 1km of the Site.

3.5 BGS Soil Chemistry

3.5.1 The Groundsure Report includes estimated background concentrations for five metals; arsenic, cadmium, chromium, nickel and lead, which under certain circumstances can pose a health risk to humans, animals and plants. The dataset provided by the BGS considers natural concentrations only and is generated based on digital mapping and limited laboratory data, and therefore should be considered as indicative only. A summary of the estimated background chemistry is presented in **Table 3.2** below. These concentrations have been compared to generic screening values for a commercial land use scenario. Where the estimated concentration falls below the screening value, human health hazards associated with naturally elevated concentrations of the element are not anticipated.

Table 3.2 BGS Estimated Ambient Soil Chemistry

Element	Estimated Concentration Range On-Site (mg/kg)	Comments
Arsenic	15	The estimated range is below current generic screening values for the protection of human health for commercial end use
Cadmium	1.8	The estimated range is below current generic screening values for the protection of human health for commercial end use
Chromium	20 – 60	The estimated range is below current generic screening values for the protection of human health for commercial end use (assumes chromium is present in trivalent form)
Lead	100	The estimated range is below current generic screening values for the protection of human health for commercial end use
Bioaccessible Lead	60	The estimated range is below current generic screening values for the protection of human health for commercial end use

Element	Estimated Concentration Range On-Site (mg/kg)	Comments
Nickel	15	The estimated range is below current generic screening values for the protection of human health for commercial end use

3.6 Soils

- 3.6.1 Agricultural Land Classification ('ALC') mapping provided in the Groundsure Report shows the entirety of the Site to be Grade 2 or Grade 3, with the exception of a small area near the railway bridge in Parcel B, which is classified as Non-Agricultural land.
- 3.6.2 Grade 2 is described by Natural England¹¹ as *'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.'*
- 3.6.3 Grade 3 is described by Natural England¹¹ as *'Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.'*

3.7 Industrial Setting and Environmental Regulation

- 3.7.1 Information on the environmental industrial setting of the Site is presented in the Groundsure Report (GS, 2023), **Appendix C**. The results of the database search, augmented with the findings of the historical mapping review, are summarised in Error! Reference source not found. and discussed in the text that follows.

Table 3.3 Summary of Environmental and Industrial Setting

Data Type	Number on-Site ⁽¹⁾	Number within 250 m of the Site ⁽¹⁾
Waste Regulation		
Landfill Sites	0 (0)	0 (1)
Licensed Waste Management Facilities	0 (0)	0 (1)
Waste Exemptions	13	106
Statutory Permits/Authorisations		
Pollution Prevention and Control ⁽²⁾	0 (0)	0 (0)
Licensed Pollutant Release (Part A(2)/B)	0 (0)	1 (0)
Radioactive Substance Authorisations	0 (0)	0 (0)
Planning Hazardous Substances	0 (0)	0 (0)
COMAH ⁽³⁾	1 (0)	0 (0)
NIHHS Sites ⁽⁴⁾	0 (0)	0 (1)

¹¹ Available at: <https://www.gov.uk/government/publications/agricultural-land-assess-proposals-for-development/guide-to-assessing-development-proposals-on-agricultural-land> Accessed June 2023

Data Type	Number on-Site (1)	Number within 250 m of the Site (1)
Pollution Records and Contaminated Land		
Substantiated Pollution Incidents (EA/NRW)	0	1
Licensed Discharges to Controlled Waters	0 (1)	2 (5)
Potential Contaminative Uses		
Industrial Land Uses	2 (1)	11 (10)
Gas Pipeline	1 (0)	1 (0)
Fuel Stations	0 (0)	0 (0)
<p>Note: 1) Numbers in brackets denotes number of authorisations, licenses or permits that are lapsed, revoked, cancelled, superseded, defunct, surrendered, not applicable, inactive, withdrawn or not yet started. 2) Includes Integrated Pollution Controls, Integrated Pollution Prevention and Control, Local Authority Integrated Pollution Prevention and Control and Local Authority Pollution Prevention and Control permits. 3) COMAH denotes Control of Major Accident Hazards 4) NIHHS denotes Notification of Installations Handling Hazardous Substances 5) Sites determined as Contaminated Land under Part 2A of the Environmental Protection Act</p>		

- 3.7.2 **Historical Landfill Sites and Licensed Waste Management Facilities** 1no. historical landfill and 1no. licensed waste management facility are recorded adjacent to the Site, located to the south of Parcel B. The landfill is known as at Camblesforth Bypass Tip and is recorded to have accepted non-biodegradable inert waste from 1978 to 1982. Associated with the historical landfill is record of a Waste Management License. The licence was active from 1978 through to 1982 and was operated by 'C E G B' (Central Electricity Generating Board).
- 3.7.3 **Waste Exemptions** 13no. waste exemptions are recorded on-Site associated with the Quosquo Hall Estate located near the centre of Parcel A. These records relate to disposal, treatment and use of waste for agricultural purposes such as burning waste in open, treatment of non-hazardous pesticide washings by carbon filtration for disposal, crushing and emptying waste vehicle oil filters, treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising, deposit of waste from dredging of inland waters etc.
- 3.7.4 A further 88no. waste exemptions are recorded within 250m of Parcel A and similarly relate to the agriculture related processes as described above.
- 3.7.5 18no. waste exemptions are recorded to the immediate north of Parcel B, and relate to the treatment, storage and use of waste for non-agricultural purposes including using mulch, spreading of plant matter to confer benefit, use of waste in construction, screening and blending of waste, storage of waste in a secure place etc. It is likely that these records relate to landscaping activities taking place within the curtilage of Drax Power Station.
- 3.7.6 **Pollution Prevention and Control** 1no. current licensed pollutant release (Part A(2)/B) is recorded at the PML Ash Drax Plant. The record relates airborne emissions relating to coal and coke processes.
- 3.7.7 **Substantiated Pollution Incidents** 1no. substantiated pollution incident is recorded within 250m of the Site. This incident took place in 2019 at Drax Power Station. The incident is recorded as having no impact to air or water receptors and a significant (category 2) impact to land. The incident involved '*inert construction and demolition materials and wastes*'.
- 3.7.8 **COMAH Sites** 1no. current Control of Major Accident Hazards ('COMAH') record is for Drax Power Limited with the Site being recorded as a COMAH Lower Tier Operator. COMAH

registration aim to prevent and mitigate the effects of major accidents involving dangerous substances which may cause serious damage or harm to people and/or the environment.

- 3.7.9 **NIHHS Sites** 1no. historical Notification of Installations Handling Hazardous Substances (NIHHS) record is for the Central Electricity Generating Board ('CEGB') at Drax Power Station. NIHHS registrations exist to notify the local fire and rescue service of sites where significant quantities of dangerous substances are stored.
- 3.7.10 **Licensed Discharges to Controlled Waters** 1no. historical record on-Site, located centrally along the western boundary of Parcel A. This consent is recorded as being active from 1982 through to 1987 and relates to discharge of waters from a fish farm to an unlisted receiving body.
- 3.7.11 Off-Site, there are 2no. active discharge records. One is located approximately 65m east Parcel A in Camblesforth, Selby and relates to the discharge of treated sewage effluent to land. The other is located approximately 140m north of Parcel B and relates to the discharge of site drainage to land.
- 3.7.12 **Gas Pipeline** The 'Asselby to Pannal' high pressure gas pipeline operated by National Grid crosses the south of Parcel A, and is aligned broadly east to west. The approximate alignment of this pipeline is indicated on **Figures 2b** and **2c**.
- 3.7.13 **Brit Pits** There are 10no. BritPit database entries within 500m of the Site, the majority of which are recorded as being Sand Pits. These entries relate to small ad-hoc quarries historically present in the surrounding area.

3.8 Regulatory Enquiries & Consultations

- 3.8.1 Requests for information were sent to the EA and the Contaminated Land Officer at NYC requesting information in relation to historical land use at the Site and other available geoenvironmental related information. Copies of all requests for information and replies are provided in **Appendix E**.
- 3.8.2 At the time of writing, responses from NYC have not been received.
- 3.8.3 A response from the EA is included as **Appendix E**. Their response indicates that there are 3no. historical landfills present within 1km of the Site. It also confirms that part of the Site falls within a groundwater Source Protection Zone ('SPZ') 3 and provides details of 12no. groundwater abstractions present within 2km of the Site; these are all recorded as being for agricultural purposes.

3.9 Summary of Potentially Contaminative Land-uses

- 3.9.1 Parcel A has been used as agricultural land from the earliest available historical mapping gives the possibility for buried tanks, historical fuel storages and agrichemicals a possibility on-Site. Parcel B has had multiple land uses since the earliest historical mapping, including agricultural land, a golf course and a transformer station.

3.10 Hydrogeology

- 3.10.1 **Table 3.4** below summarises information regarding hydrogeology and groundwater.

Table 3.4 Summary of Hydrogeology and Groundwater Vulnerability Related Information

Item and Provenance	Description
<p style="text-align: center;">Aquifer Classification Groundsure Report (Groundsure 2023)</p>	<p>The Brighton Sand Formation and Alluvium is classified by the EA as a Secondary A Aquifer,</p>

Item and Provenance	Description
<p>Classification Definitions https://www.gov.uk/government/publications/protect-groundwater-and-prevent-groundwater-pollution/protect-groundwater-and-prevent-groundwater-pollution</p>	<p>defined as ‘<i>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.</i>’</p> <p>The Hemingbrough Glaciolacustrine Formation is classified by the EA as an Unproductive Aquifer, defined as ‘<i>Rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.</i>’</p> <p>The Sherwood Sandstone Group is classified by the EA as a Principal Aquifer, defined as ‘<i>Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale.</i>’</p>
<p>Depth to Groundwater (Historical BGS Borehole Records)</p>	<p>Historical boreholes drilled across the Site recorded groundwater at approximately 20m bgl, with exception of one borehole which struck groundwater at 2.3m bgl, Groundwater is expected to be encountered at approximately 20m bgl across the Site.</p> <p>Regional groundwater flow is anticipated to be flowing generally eastwards, although localised deviation from this trend may occur near abstractions, drainage ditches etc.</p>
<p>Groundwater Abstraction Groundsure Report (Groundsure 2023)</p>	<p>There is a recorded active groundwater abstraction record on the Site. The record relates to the pump observed during the site walkover. The abstraction is for agricultural purposes.</p> <p>An agricultural groundwater abstraction is located approximately 40m north of Parcel B, and a potable groundwater abstraction is located approximately 600m southeast of Parcel A.</p>
<p>Source Protection Zone (SPZ) Groundsure Report (Groundsure 2023)</p>	<p>The Groundsure Report indicates that the majority of Parcel A and the entire of Parcel B is located within Zone 3, a small area of Parcel A is also located within a SPZ Zone 1.</p> <p>The SPZ Zone 1 is protecting an agricultural groundwater abstraction within Parcel A, located at SE 61430 27970.</p> <p>The SPZ Zone 3 is protecting both the abstractions located within 1km of the Site.</p>
<p>Groundwater Vulnerability Groundsure Report (Groundsure 2023) https://www.gov.uk/government/publications/protect-groundwater-and-prevent-groundwater-pollution/protect-groundwater-and-prevent-groundwater-pollution#groundwater-vulnerability</p>	<p>Groundwater within the Sherwood Sandstone Group and the Brighton Sand Formation is indicated to be of High Vulnerability. The EA define ‘<i>High</i>’ vulnerability as ‘<i>areas able to easily transmit pollution to groundwater. They are characterized by high-leaching soils and the absence of low-permeability superficial deposits.</i>’</p>

Item and Provenance	Description
<p>Groundwater Flooding* Groundsure Report (Groundsure 2023)</p>	<p>Areas of moderate to high risk of groundwater flooding are sporadically distributed in the north of Parcel A and throughout Parcel B.</p> <p>The majority of the south of Parcel A is identified as having a high risk of groundwater flooding.</p>
<p>Drinking Water Safeguard Zone (Groundwater) https://magic.defra.gov.uk/</p>	<p>The majority of Parcel B (excluding the transformer station) and a small area in the east of Parcel A are located within a Drinking Water Safeguard Zone (Groundwater).</p>
<p>Groundwater Catchment and Quality</p>	<p>The majority of the Site falls into the Wharfe & Lower Ouse Sherwood Sandstone Water Body A small area in the south of Parcel A, which is within the Aire & Don Sherwood Sandstone Water Body.</p> <p>Both catchments received a Water Framework Directive ('WFD') overall classification of 'Poor' in 2019.</p>
<p>*The scope of this report does not include a flood risk assessment; a flood risk assessment is to be submitted with the PEIR.</p>	

3.11 Hydrology

3.11.1 **Table 3.5** summarises the information regarding hydrology and surface water.

Table 3.5 Summary of Surface Water Related Information

Item and Provenance	Description
<p>Nearest Surface Water Feature Groundsure Report (Groundsure 2023)</p>	<p>The Groundsure Report indicates a small inland river and streams including drains and ponds not influenced by tidal action present on-Site, these relate to drains on-Site. During the Site walkover, the water within drains did not appear to flow in any direction.</p>
<p>Catchment and River Quality https://environment.data.gov.uk/catchment-planning/WaterBody/GB104027064270 https://environment.data.gov.uk/catchment-planning/WaterBody/GB104027063037</p>	<p>The EA's Catchment Data Explorer indicates that the Site straddles the 'Ouse from R Wharfe to Upper Humber Water Body (Ouse) catchment', covering the south of Parcel A and the majority of Parcel B, and the 'Aire from Fryston Beck to River Ouse Water Body (Aire) catchment', covering the north of Parcel A and the transformer station in Parcel B.</p> <p>Both catchments received a WFD Ecological classification of 'Moderate' and a WFD Chemical classification of 'Fail'.</p>
<p>Abstractions Groundsure Report (Groundsure 2023)</p>	<p>There are no recorded active or historical surface water abstractions recorded within 500m of the Site. The closest active surface water abstraction is approximately 1km to the south of the Site.</p>
<p>Drinking Water Safeguard Zone (Surface Water) and Drinking Water Protected Area (Surface Water) https://magic.defra.gov.uk/</p>	<p>The Site is not located within either a Drinking Water Safeguard Zone (Surface Water) or a Drinking Water Protected Area (Surface Water).</p>

Item and Provenance	Description
	*The scope of this report does not include a flood risk assessment; a flood risk assessment is to be submitted with the PEIR.

3.12 Ecological Systems

- 3.12.1 The Groundsure report (GS, 2023) and MAGIC website (www.magic.gov.uk) indicates that there are no World Heritage Sites, Areas of Outstanding Natural Beauty, National Parks, Conservation Areas or Scheduled Ancient Monuments on or within 250m of the Site.
- 3.12.2 The Site is identified as falling within a Nitrate Vulnerable Zone; these are areas designated as areas being at risk from agricultural nitrate pollution.
- 3.12.3 This report does not comprise an ecological assessment. An assessment of the Proposed Development's likely significant effects on ecology is included in the PEIR.

3.13 Buildings and Archaeology

- 3.13.1 The Groundsure Report (GS, 2023) and MAGIC website indicates that there are no listed buildings or heritage sites on or within 250m of the Site.
- 3.13.2 It should be noted the statement regarding the archaeological setting does not comprise an archaeological risk assessment. An assessment of the Proposed Development's likely significant effects on archaeology is included in the PEIR.

3.14 Mineral Resource

- 3.14.1 The Site lies within in an area safeguarded for surface mineral resources, as per 'Minerals Resource Safeguarding Map 7' published by the former North Yorkshire County Council ('NYCC') (now NYC) in 2020. The map is for the area highlights all safeguarded areas for sand and gravel, crushed rock, brick clay, building stone, silica sand and shallow coal. It is considered that the mineral present beneath Site comprises sand and gravel deposits.
- 3.14.2 The Proposed Development is considered unlikely to sterilise mineral resources, considering the lightweight nature of the proposed solar panels. This statement does not purport to be a mineral resource assessment, which may be required in due course.

3.15 Unexploded Ordnance (UXO)

- 3.15.1 The Zetica Ltd bomb risk map (Zetica, 2023) indicates that the Site is located in a 'Low' risk area for unexploded bombs (UXB). This designation has been given based on the density of bombing hits and the low number of potential targets in the area.
- 3.15.2 A UXO Pre-Desk Study Assessment ('PDSA') has been commissioned from Zetica and is presented in **Appendix F**. The findings of the PDSA are summarised below:
 - Pre-WWI military activity on or affecting the Site – none identified.
 - WWI military activity on or affecting the Site – none identified.
 - WWI strategic targets (within 5km of Site) – transport infrastructure and public utilities, Industries important to the war effort, including engineering and munitions works, Carlton Airfield, Military camps, depots, and training areas and Anti-Aircraft ('AA') guns.
 - WWI bombing – none identified on the Site.

- Interwar military activity on or affecting the Site – none identified.
- WWII activity on or affecting the Site – none identified.
- WWII strategic targets (within 5km of Site) – in 1942, Royal Air Force ('RAF') Burn was established approximately 200m west of the Site. This was a bomber airfield used by No. 431 Squadron of the Royal Canadian Air Force, part of 4 Group Bomber Command. By July 1945 flying operations at RAF Burn had ceased and it later closed.
- WWII bombing decoys (within 5km of Site) – 1no. located approximately 2.2km southeast of the Site.
- WWII bombing – During WWII, the Site was located in the Rural District of Selby, which officially recorded 31no. High Explosive bombs with a bombing density of 0.9 bombs per 40 ha. No readily available records have been found to indicate that the Site was bombed.
- Post-WWII military activity on or affecting the Site – none identified.

3.15.3 The PDSA recommends that a detailed desk study is commissioned to assess, and potentially zone the UXO hazard level on-Site. This assessment should be completed before 'breaking ground' on-Site (including and required ground investigation works).

4 Ground Stability Assessment

4.1 Introduction

4.1.1 The potential for land instability at the Site has been considered, in relation to:

- Naturally occurring geological hazards;
- Artificial Cavities;
- Natural Cavities;
- Slope Stability; and
- Potentially adverse foundation conditions.

4.2 Natural and Mining (non-coal) Cavities

4.2.1 The Stantec Natural Cavities Database and Groundsure Report (GS, 2023) indicate that there are no natural cavity records within 1km of the Site boundary. Overall, based on the recorded ground conditions and the geomorphology of the Site, the potential for natural cavities to be present beneath the Site is considered to be **Low**.

4.2.2 The Stantec Mining (non-coal) Cavities Database identifies no records within 1km of the Site.

4.2.3 Based on the above, the potential for mining cavities to present on the Site is considered to be **Low**.

4.3 Coal Mining

4.3.1 The northern part of the Site is mapped as being within a Coal Mine Reporting Area. None of the Site is mapped as being in a 'development high risk area' ('DHRA'). For DCO applications in a 'development low risk area', there is no statutory requirement to submit a Coal Mining Risk Assessment ('CMRA'). In addition, since January 2023, there is an exemption for solar PV array development, noting that any permanent structures in a DHRA would require a CMRA. The Site still lies within an area of historical coal mining and could contain unrecorded hazards.

4.4 Historical Quarrying

4.4.1 The historical mapping within the Groundsure Report (GS, 2023) indicates that mineral extraction did occur in the wider area surrounding the Site. There are ten BritPit records within 500m of the Site, with the closest being recorded 31m north of the Site. A BritPit is a database maintained by the BGS of currently active and closed surfaces and underground mineral workings.

4.4.2 The extractions from the BritPits surrounding the Site include surface mineral workings for the extraction of sand within a Sand Pit located 63m north-east of the Site.

4.4.3 In the northwest of Parcel A, a depression was noted in the ground, the cause of which is unknown.

4.5 Slope Stability

4.5.1 The Site is generally flat with exception to steep sided drains and a depression across Parcel A, the embankment supporting the A645, and a large mound located on the golf course in Parcel B.

4.5.2 The potential for adverse slope stability conditions on-Site is generally considered to be **Very Low**, increasing to **Low** at the top of the drainage ditch slopes and **Moderate** for the embankment.

4.6 Naturally Occurring Geological Hazards

4.6.1 An assessment of potential geological hazards that may give rise to adverse foundation or construction conditions as supplied by the BGS from their National Geoscience Information Service are presented in the Groundsure Report (GS, 2023) reproduced in **Appendix C**. The assessment is generated automatically based on digital geological maps and the scope and the accuracy is limited by the methods used to create the dataset and is therefore only indicative for the search area.

4.6.2 The information contained in the Groundsure Report has been reviewed and, where considered necessary, reassessed by Stantec considering the specific information available for the Site with the potential hazards being rated as very low, low, moderate, high or very high in general accordance with the criteria given by the BGS property hazard rating system. The Stantec assessment of the potential for geological hazards to be present on the Site is summarised below in **Table 4.1**.

Table 4.1 Summary of Geological Hazards On-Site

Hazard	Hazard Potential	Comment
Collapsible Ground Stability	Very Low	The anticipated ground conditions are such that layers of collapsible material are not expected to be present on-Site.
Compressible Ground Stability	Low, locally Moderate	It is considered that the ground conditions are such that layers of soft compressible material are potentially present on-Site and a hazard potential of Low is generally considered appropriate for most of the Site, increasing to Moderate where the Alluvium and Hemingbrough Glaciolacustrine deposits are present.
Dissolution	Very Low	The ground conditions are such that dissolution is not expected on-Site.
Landslides / Slope Stability	Very Low / Low	The natural ground conditions are such that landslides are not expected to be present except possibly associated with the drainage ditches.
Running Sand	Low, locally Moderate	Groundwater is anticipated to be at an approximate elevation of 1.5mAOD. The shallow groundwater and granular nature of the superficial deposits present a Moderate potential for running sands where Alluvium and the Brighton Sand Formation are present. The remainder of the Site is considered to have a Low hazard potential for running sands.
Shrinking or Swelling Clay	Low to Moderate	It is considered that the soil present on-Site is expected to have medium plasticity in the Alluvium Deposits and Hemingbrough Glaciolacustrine Formation and a medium volume change potential. The Brighton Sand Formation is predominantly non-plastic so have a low volume change potential.

4.7 Potential Adverse Ground Conditions

4.7.1 The nature and full extent of the strata at the Site have not been determined at the time of writing. In due course this information will be required to assess the geotechnical hazards present and to inform the detailed design of foundations and infrastructure.

4.8 Hazard Evaluation

- 4.8.1 Overall, the geotechnical constraints to the Proposed Development associated with the ground conditions, potential geological hazards and the historical and present land uses is considered to be **Very Low or Low** for the majority of the Site with some localised hazards identified as **Moderate**.

5 Tier 1 Preliminary Geoenvironmental Risk Assessment

5.1 Approach and Outline Conceptual Model

- 5.1.1 The land contamination risk assessment presented in this section is a Tier 1 PRA. A summary of the guidance for the assessment of land contamination and the approach developed and adopted by Stantec is presented in **Appendix A**.
- 5.1.2 A conceptual model identifies the types and locations of potential contamination sources, the identification of potential receptors and the identification of potential transport/migration pathways.
- 5.1.3 LCRM requires a risk assessment to include the following steps:
- Identify the hazard - establish contaminant sources.
 - Assess the hazard - use a source-pathway-receptor (S-P-R) pollutant linkage approach to find out if there is the potential for unacceptable risk.
 - Estimate the risk - predict what degree of harm or pollution might result and how likely it is to occur.
 - Evaluate the risk - decide whether a risk is unacceptable.
- 5.1.4 The findings for each step are summarised in the following subsections.

5.2 Hazard Identification (Sources of Potential Contamination)

- 5.2.1 The on-Site and off-Site sources of potential contamination ('SPCs') identified and associated Hazard Classification Score ('HCS') and contaminants of concern ('COC') are presented Table 5.1.
- 5.2.2 UXO is currently identified as a potential hazard (noting that a detailed UXO desk study is required to be undertaken). UXO has not been included in the risk assessment. If UXO is identified as a credible hazard (either site-wide or specific area), mitigation measures will be required to be implemented. The scope of these mitigation measures will be determined based on the findings of the detailed UXO report.

Table 5.1 Summary of Potential Sources of Contamination and Contaminants of Concern

SPC Reference	Description and Hazard Classification Score (HCS)	Potential Contaminants of Concern (COC)
On-Site (Parcel A)		
1	Agricultural Land & Woodland HCS = 1	Agrichemical residues
2	Pump and associated tank HCS = 1	Petroleum hydrocarbons, heavy metals
On-Site (Parcel B)		

SPC Reference	Description and Hazard Classification Score (HCS)	Potential Contaminants of Concern (COC)
3	The A645 road and Drax Golf Club car park. HCS = 2	Petroleum hydrocarbons, polycyclic aromatic hydrocarbons.
4	Railway line. HCS = 2	Polycyclic aromatic hydrocarbons, heavy metals, sulphate, agricultural residues.
5	Golf course yard. HCS = 2	Chemical storage, leaks and spills from machinery.
6	Former fish farm and associated tank. HCS = 1	Agricultural residues
7	Drax Power Station (transformer station) HCS = 2	Polychlorinated biphenyls and transformer oils.
Off-Site		
8	Agricultural land and woodland HCS = 1	Agricultural Residues
9	Golf course HCS = 1	Agricultural Residues
10	Drax Power Station. HCS = 4	Heavy metals, coal & coal ash, polycyclic aromatic hydrocarbons, asbestos, solvents, Polychlorinated biphenyls.
11	Landfill (Camblesforth Bypass Tip) HCS = 3	Ground gasses and inert fill of unknown make up

5.3 Hazard Assessment

5.3.1 To determine whether the identified hazards represent a risk it is necessary to identify the presence of potential receptors and pathways by which these receptors can be exposed to the hazard.

Identification of Potential Pathways

5.3.2 Potential environmental hazards need a pathway connecting the source (if present) to potential receptors in order to be able to impact upon the receptors. These pathways are capable of conveying the contaminants. Pathways can be anthropogenic (artificial) or natural.

5.3.3 Anthropogenic pathways are artificial routes capable of conveying contaminants and include such routes as surface water drains, foundations, and persons disturbing contamination sources in such a way as to liberate contaminants.

5.3.4 Natural pathways include via surface water in the main watercourses and drainage ditches and via groundwater in the underlying geology. The Brighton Sand Formation is likely to be comprised of predominantly high permeability sands and the potential for lateral and vertical

migration of potential contaminants in groundwater within these deposits is considered to be high.

- 5.3.5 Pathways such as dermal contact, inhalation or ingestion for future users are considered unlikely given the Proposed Development’s proposed use as a solar development, where the risks of exposure would be considered less than, for example, a public park.
- 5.3.6 In the case of site workers carrying out groundworks (e.g., to lay foundations), direct contact with potential contamination in the ground is likely and therefore pathways such as dermal contact or inhalation are potentially active.
- 5.3.7 Given the nature of the Proposed Development the extent of ground disturbance is likely to be limited and predominately shallow. It is therefore considered that contamination migrating in groundwater from the off-Site sources is unlikely to be encountered. Whilst the off-Site landfill might generate ground gases, the Proposed Development proximal to this feature will comprise cables beneath or adjacent to the existing road network linking the two main site areas. On this basis, the off-Site sources of contamination are not taken forward for assessment.
- 5.3.8 Table 3 in the Stantec methodology presented in **Appendix A** describes possible pathways for each receptor type. Each of these possible pathways is then considered when assessing the possible pollutant linkage.

Receptor Identification

- 5.3.9 The receptors considered as part of this land contamination assessment are summarised in Table 5.2 and based on the information reviewed either eliminated from further consideration or allocated a sensitivity score in accordance with the Stantec methodology. The sensitivity score informs the consequence element of the risk estimation process, definitions of which can be found in Table 2 of **Appendix A**.

Table 5.2 Potential Receptors and Sensitivity Score

Receptor Type	Comment	Sensitivity Score
Human Health – On-Site (Parcel A)	Construction – Groundworkers.	4 - High
	Operation – Workers / maintenance staff at solar farm. Ephemeral use of footpaths by members of the public.	4 - High
Human Health – On-Site (Parcel B)	Construction – Groundworkers.	4 - High
	Operation – Workers / maintenance staff at solar farm and transformer station. Ephemeral use of footpaths, car park and golf course by members of the public. Golf course staff	4 - High
Human Health – Off-Site (Parcel A)	Construction and Operation – Farmers. Ephemeral use of footpaths.	4 - High
Human Health – Off-Site (Parcel B)	Construction and Operation – Power station workers. Ephemeral use of footpaths, car park and golf course by members of the public.	4 - High
Groundwater (resource)	Construction and Operation The majority of the Site is within a groundwater SPZ 3	4 – High

Receptor Type	Comment	Sensitivity Score
	<p>Superficial – Secondary A Aquifer (Brighton Sand Formation), predominately clayey sand – medium permeability.</p> <p>Superficial – Unproductive (Hemingbrough Glaciolacustrine Formation), predominantly clay – very low permeability / impermeable.</p> <p>Bedrock – Principal Aquifer (Sherwood Sandstone), sandstone – high permeability.</p>	
Groundwater (biodiversity)	<p>Likely connectivity to surface water bodies with no ecological designations.</p> <p>Groundwater within aquifers beneath the Site forms part of a water body with WFD classification of 'Poor'.</p>	2 - Low
Surface Water (resource)	WFD RBMP Chemical status of 'Fail'. Abstraction not identified within 500m. Potential for abstraction limited based on size/flow of nearby surface water bodies.	1 - Very Low
Surface Water (biodiversity)	WFD RBMP Ecological status of 'Moderate'	3 - Moderate
Property – Buildings / Archaeology – On-Site	The Proposed Development predominantly comprises solar PV modules with limited 'construction' required. Possible small control / transformer room (or similar) may be required.	2 - Low
	Operational – the Proposed Development comprises surface level infrastructure. Impacts upon adjacent properties are not anticipated.	2 – Low
Property – Buildings / Archaeology – Off-Site	Farm buildings, Drax Power Station buildings and Drax Golf Club buildings.	1 – Very Low
Terrestrial Ecology	No ecological designations on site or within 250m.	Eliminated
Geodiversity	The Site is not located within 1km of any geologically designated site of special scientific interest or geologically designated Local Site ('RIGS')	Eliminated

5.4 Soil and Mineral Resources

- 5.4.1 The risk to minerals and/or soils as receptors from sources of potential contamination is not assessed. The presence of a resource is highlighted below.
- 5.4.2 Minerals as a resource have been identified due to the Site's location within a Minerals Safeguarding Area.
- 5.4.3 The soils on-Site mapped as ALC Grade 2 are deemed 'Best and Most Versatile' ('BMV'), the soils mapped as Grade 3 would also be deemed BMV, if present as Grade 3a. These soils are of High value/significance as a resource in terms of agricultural production.

5.4.4 The nature of the Proposed Development means that these resources would not be permanently lost or sterilised.

5.5 Risk Estimation

5.5.1 When there is a pollutant linkage (and therefore some measure of risk), it is necessary to determine whether the risk is significant and therefore whether further action is required.

5.5.2 Risk estimation involves predicting the likely consequence (what degree of harm might result) and the probability that the consequences will arise (how likely the outcome is given the likely scale of contamination and the probability of exposure).

5.5.3 Preliminary risk estimation is based the evaluation of available data (which has been summarised and presented in this report). Without actual data from physical site investigation works, there is always a degree of uncertainty regarding the actual presence of potentially harmful contamination.

5.5.4 The estimated risk for each of the receptors is summarised in Table 5.3 below. This should be read in conjunction with the tables in **Appendix G** which set out the classification of risk which is a combination of consequence and probability for each potential pollutant linkage identified for the sources in Table 5.2. Definitions for probability and consequence are in Table 4 and Table 5 of **Appendix A** (respectively).

5.5.5 It is noted that where there are multiple receptors within a single class e.g., for human health where residents may be present in some areas but absent from others, the 'worst-case' sensitivity for that receptor is adopted to provide a conservative assessment.

Table 5.3 Summary of Estimated Risk

Receptor	Proposed Development's Construction without Mitigation	Completed Proposed Development without Mitigation ⁽¹⁾
Parcel A		
Human Health – On-Site	Low	Very Low
Human Health – Off-Site	Very Low	Very Low
Groundwater (resource)	Very Low	Very Low
Groundwater (biodiversity)	Very Low	Very Low
Surface Water (resource)	Very Low	Very Low
Surface Water (biodiversity)	Very Low	Very Low
Property – Buildings	Very Low	Very Low
Parcel B		
Human Health – On-Site	Moderate	Very Low
Human Health – Off-Site	Very Low	Very Low
Groundwater (resource)	Low	Low
Groundwater (biodiversity)	Low	Low
Surface Water (resource)	Low	Low

Receptor	Proposed Development's Construction without Mitigation	Completed Proposed Development without Mitigation ⁽¹⁾
Surface Water (biodiversity)	Low	Low
Property – Buildings	Very Low	Very Low
Note 1: It is considered that decommissioning will return the Site to its predevelopment status, and the risks estimated for the completed development will therefore be appropriate.		

5.6 Risk Evaluation

- 5.6.1 Possible pollutant linkages are determined using professional judgement.
- 5.6.2 Parcel A – whilst a number of plausible pollutant linkages have been identified, on the basis of the anticipated absence of significant sources of potential contamination (with only agricultural residues identified), the likelihood of harm is Unlikely for all receptors except for construction workers where likelihood has been raised to Low to reflect in-ground work. The estimated risk to all receptors except construction workers is **Very Low**, which is described within the methodology (see **Appendix A**) as 'There is a low possibility that harm could arise to a receptor in the event of such harm being realised it is not likely to be severe. The estimated risk to construction workers is Low which is described as 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.'
- 5.6.3 The highest estimated risk is **Moderate** for construction workers on Parcel B, reflecting the nature of the contamination sources and the likelihood of exposure to impacted soils. A Moderate risk is described within the methodology as '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 (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer-term'.
- 5.6.4 If a linkage is considered possible, it is considered that this represents a potentially 'unacceptable risk' and therefore requires further consideration. This may be through remediation or mitigation or through further tiers of assessment. In this case, it is considered that mitigation through the adoption of good working practises will reduce the risk to an acceptable level. The mitigation measures will be defined in activity specific risk assessments and method statements ('RAMS').

6 Conclusions and Recommendations

6.1 Conclusions

- 6.1.1 The Site has remained in agricultural use until the present day with the exception of the easternmost area of Site which is currently used as a road, golf club and transformer station, and the pump house and associated tank near the western border of Parcel A.
- 6.1.2 The potential for the identified sources of potential contamination to affect receptors (human health, groundwater, surface water, buildings) has been assessed during construction and operation of the development, without any mitigation measures in place. A number of plausible pollutant linkages have been identified with potentially unacceptable risk associated with each. A worst-case risk of **Moderate** has been identified. For a risk assessed as Moderate there is a possibility 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 required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer-term. Following investigation, appropriate mitigation measures can be designed and once implemented, it is unlikely that significant risks to receptors would remain and therefore likely significant effects on land contamination from the Proposed Development are not anticipated.
- 6.1.3 UXO is currently identified as a potential hazard (noting that a detailed UXO desk study is required to be undertaken). UXO has not been included in the risk assessment. If UXO is identified as a credible hazard (either site-wide or specific area), standard mitigation measures will be required to be implemented.
- 6.1.4 Whilst plausible linkages have been identified to construction workers and potentially represent an 'unacceptable risk' it is considered that mitigation through the adoption of good working practises will reduce the risk to an acceptable level. The mitigation measures will be defined in activity specific risk assessments and method statements (RAMS).
- 6.1.5 It is considered unlikely that the Site would be designated statutory contaminated land under Part 2A of the Environmental Protection Act 1990.
- 6.1.6 A Low to Very Low geological hazard potential has been identified for the majority of the Site, with localised areas of Moderate hazard potential depending on the composition of the strata. Generally, areas where alluvium is present are likely to have a moderate potential for compressible ground, running sand and shrink swelling clay hazards. Where the Hemingbrough Glaciolacustrine deposits are present, these are likely to have a moderate potential for compressible ground and shrink swelling clay hazards. Where the Brighton Sand Formation is present, these are likely to have a moderate potential for running sand hazard.

6.2 Data Gaps and Uncertainty

- 6.2.1 The available ground condition data is preliminary in nature, based solely on desk-based study and other sources of publicly available data in general proximity of the Site. However, it is considered that there is a reasonable level of confidence that the information presented in this report provides a good understanding of the likely ground conditions and enables identification of potential risks.
- 6.2.2 On the basis that the ground conditions information used in this report is largely qualitative in nature, there remains a degree of uncertainty as to the actual ground conditions present. It is recommended that an intrusive investigation is undertaken to further characterise the ground conditions at the Site to allow for further stages of assessment and support the design of the Proposed Development.

6.3 Recommendations

- 6.3.1 Potential risks associated with possible contamination have been identified associated with limited areas of the Site. An intrusive investigation is recommended to characterise the conditions at the Site and also to confirm the anticipated absence of contamination across the majority of the Site.
- 6.3.2 The ground investigation should be designed to allow the further evaluation of the pollutant linkages identified and facilitate design requirements for risk reduction measures, if required.
- 6.3.3 The ground investigation should also be designed to delineate the potential extent of the areas underlain by peat and alluvium, and to determine whether slope instability mitigation measures are necessary in the steeper sloping areas of the Site.
- 6.3.4 A detailed UXO desk based threat assessment should be undertaken to inform the need for mitigation during in-ground works including intrusive investigation.
- 6.3.5 Following investigation and the implementation of standard mitigation measures, significant effects to receptors would not be anticipated.

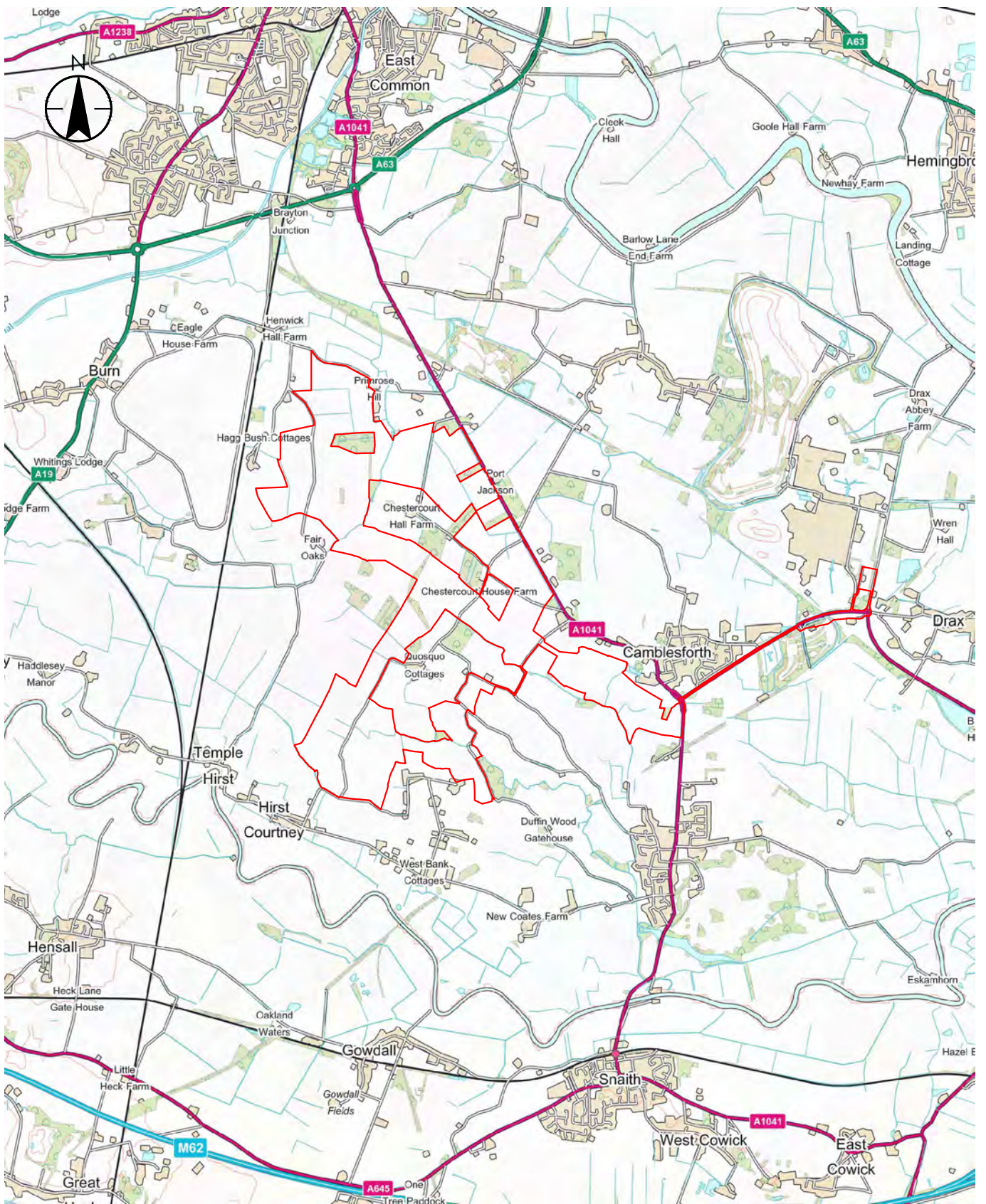
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- 5) The absence of cavity records in the Stantec natural and mining cavities (non-coal) databases is not considered as conclusive as to the absence of these features and we do not warranty that the data is complete or error free.
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- 8) The identification of invasive and/or noxious plants such as Japanese Knotweed is outside the remit of our appointment.
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- 11) Public or legal consultations or enquiries, or consultation with any Regulatory Bodies (such as the Environment Agency, Natural England or Local Authority) have taken place only as part of this work where specifically stated.

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Figures



Site Grid Reference: SE 622 262

Approximate Site Boundary

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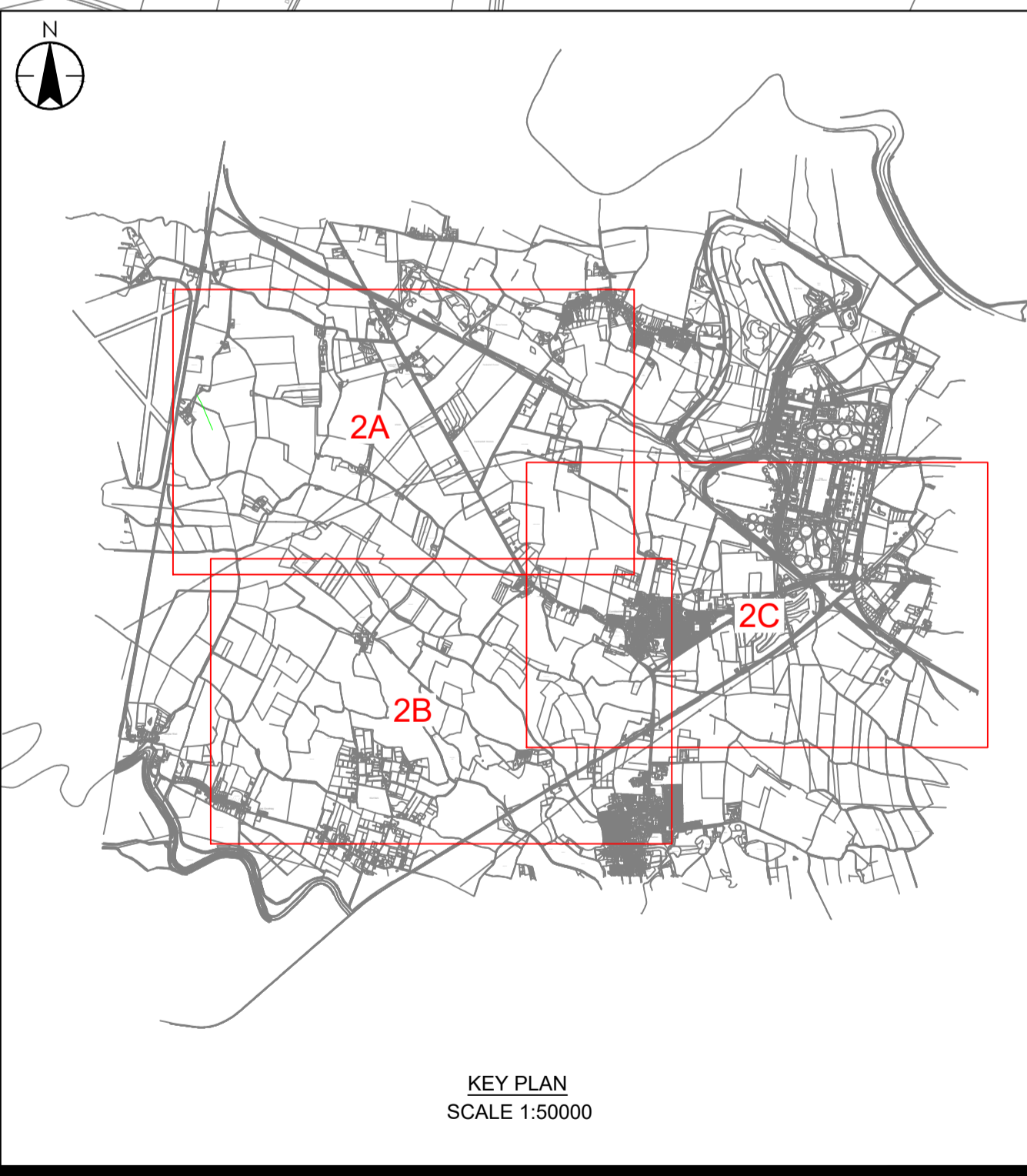
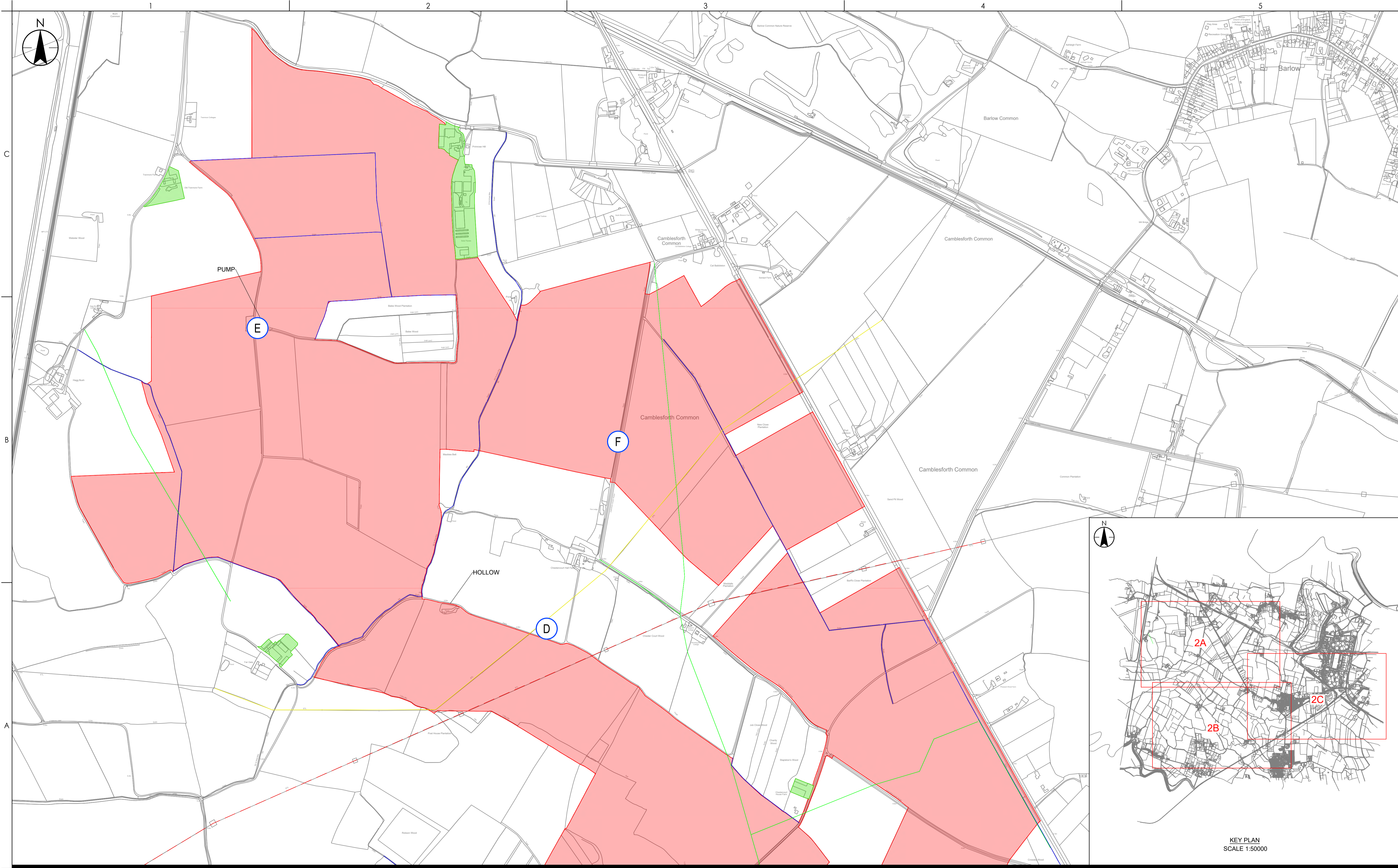
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	PARCEL B EXTENT		MOUND
	FARMS		LOW VOLTAGE
	DRAINS		MEDIUM VOLTAGE
	TRANSFORMER STATION		HIGH VOLTAGE
	PHOTO LOCATIONS		GAS PIPELINE
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FIGURE 2A - SITE LAYOUT PLAN

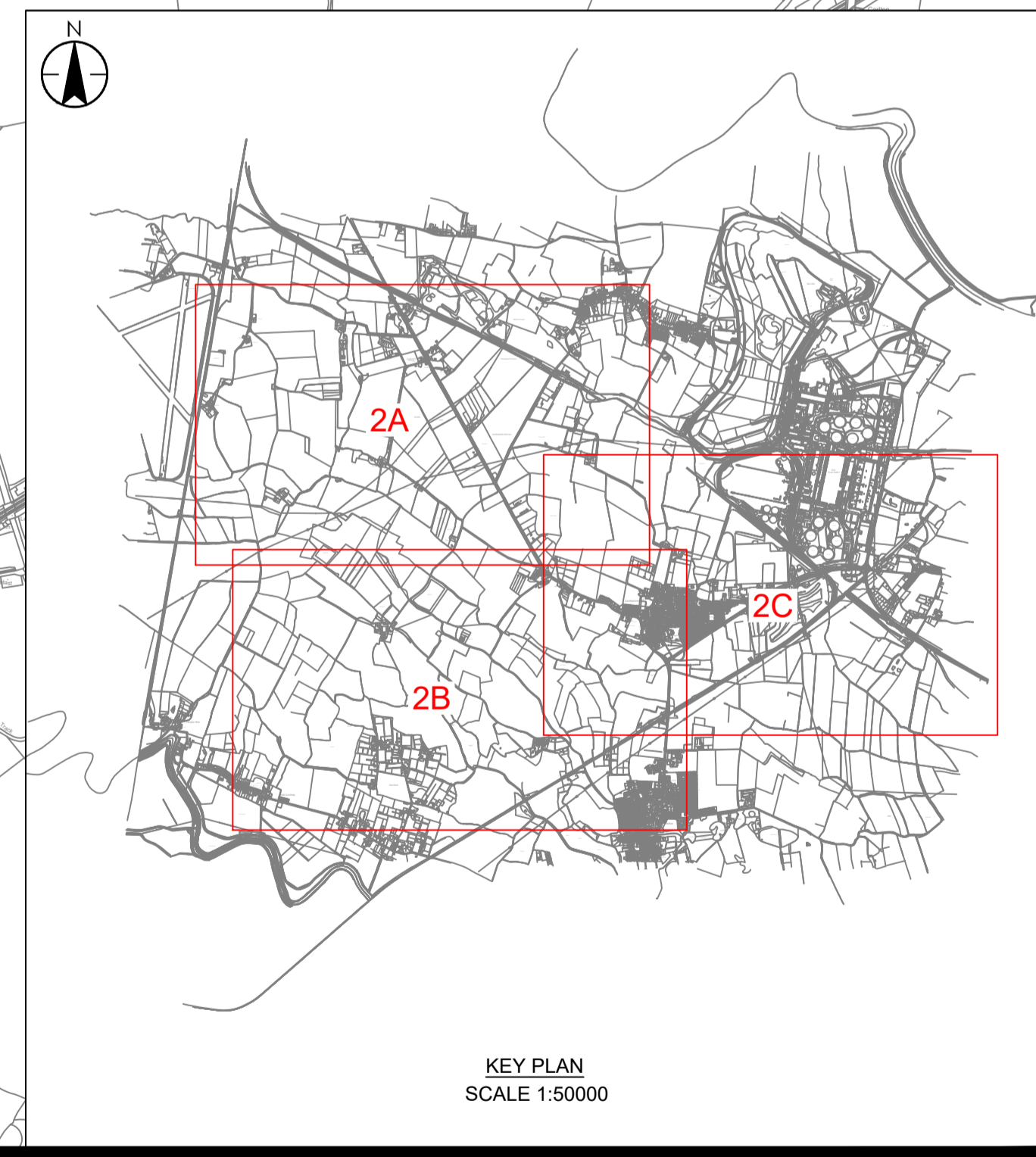
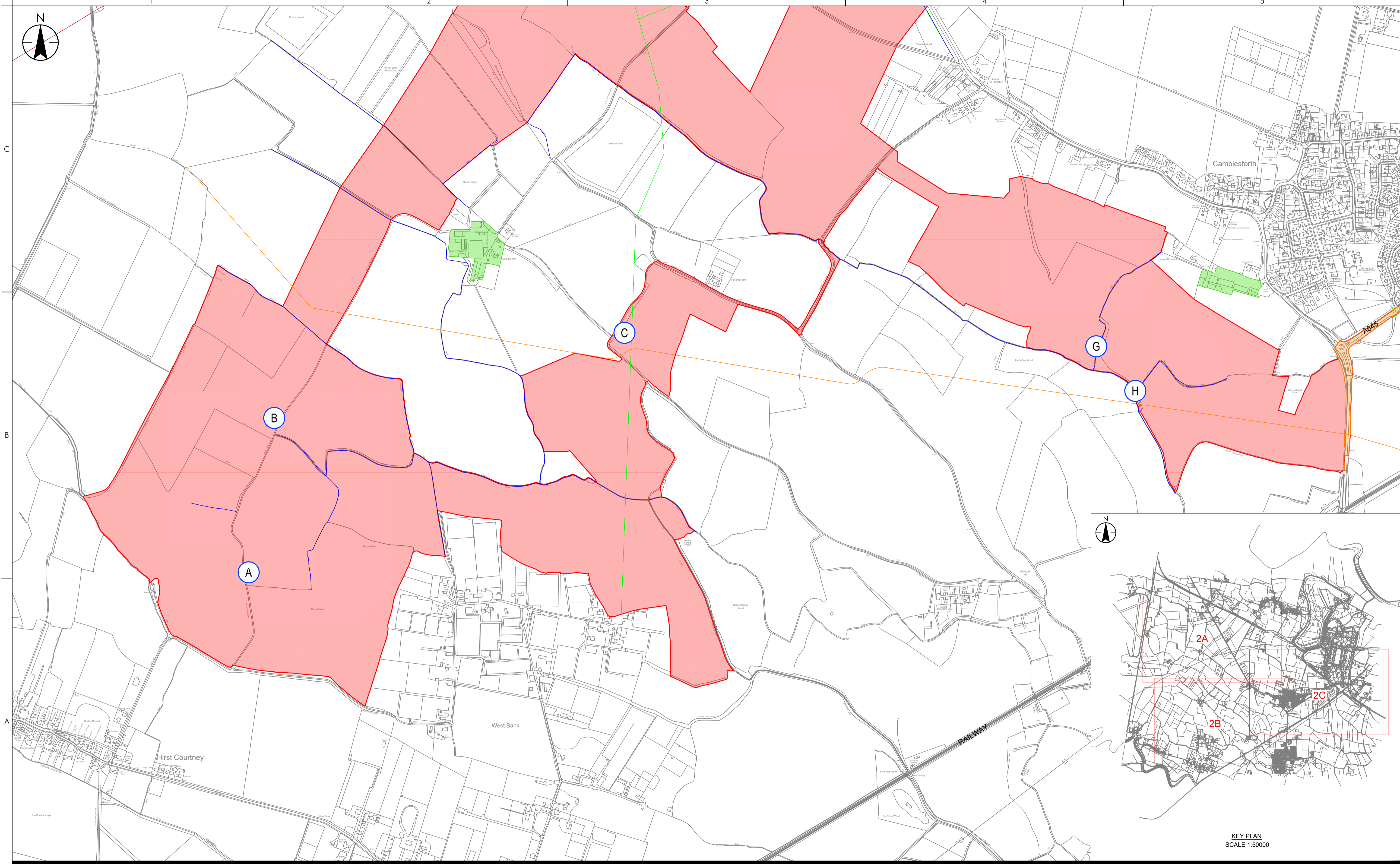
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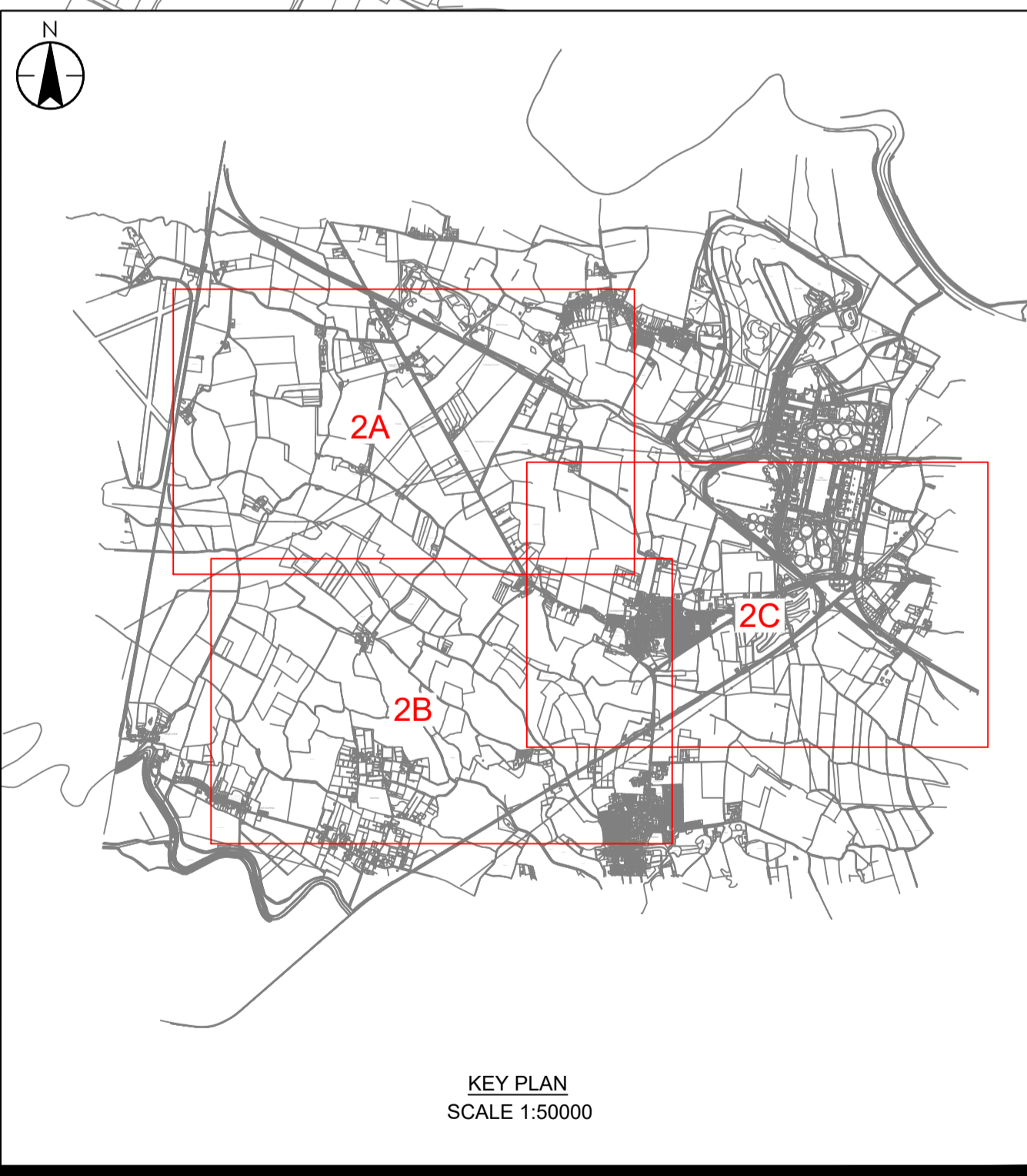
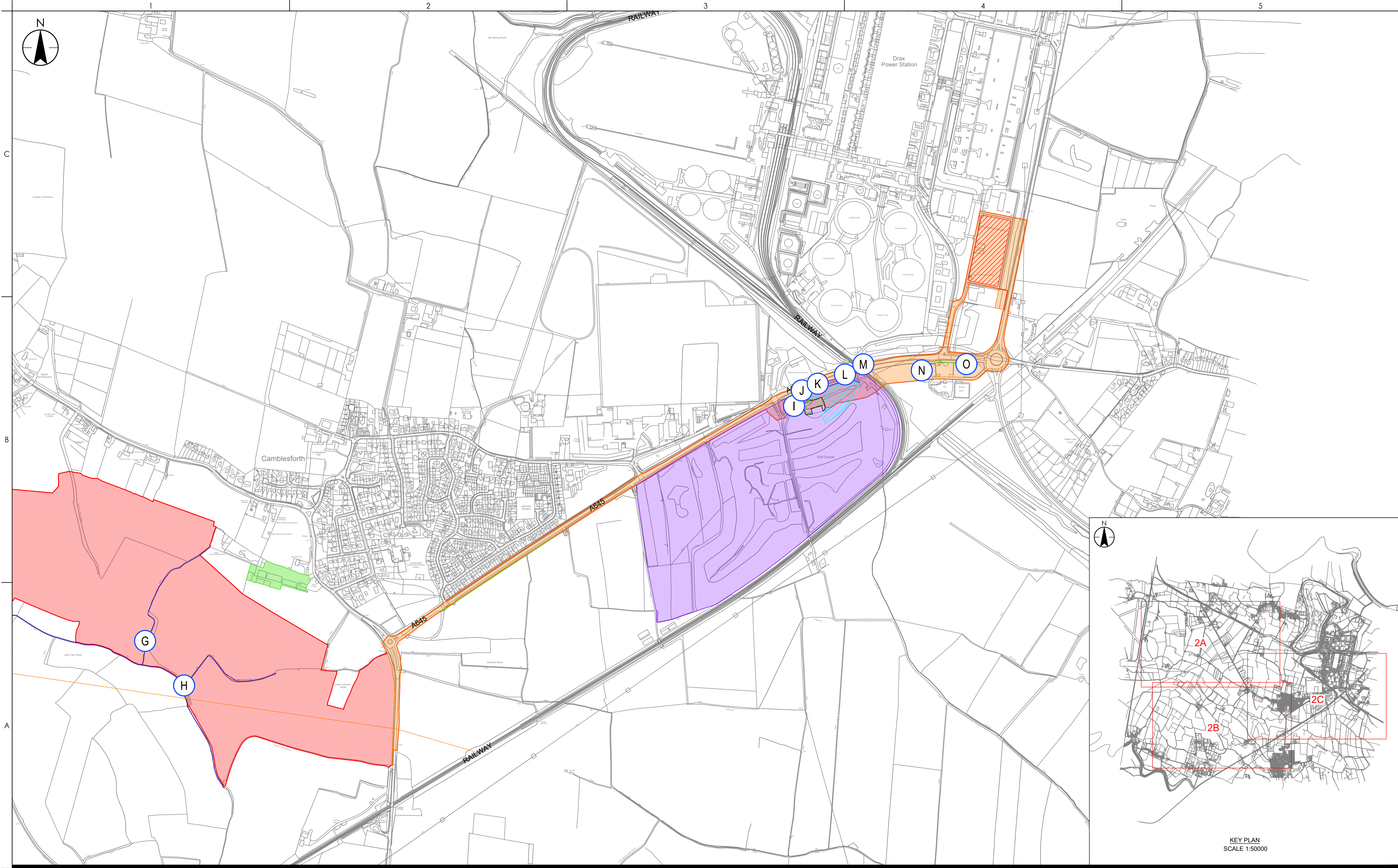
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	PARCEL B EXTENT
	FARMS
	DRAINS
	TRANSFORMER STATION
	PHOTO LOCATIONS
	GOLF COURSE
	GOLF COURSE STOCKPILE AND YARD
	MOUND
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FIGURE 2C - SITE LAYOUT PLAN	
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 Approximate Site Boundary

Superficial Deposits


 ALV Alluvium

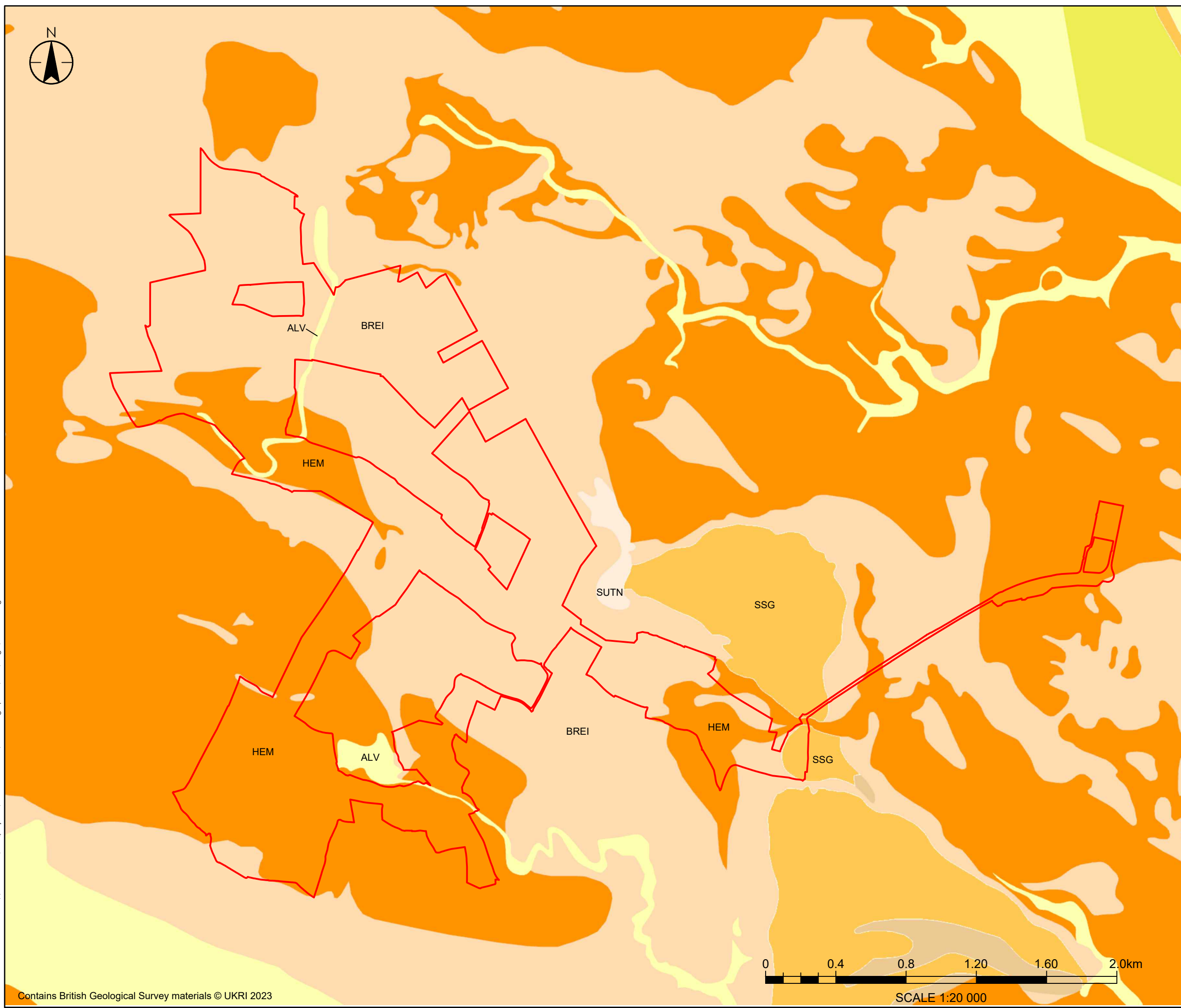
 SUTN Sutton Sand Formation

 BREI Brighton Sand Formation

 HEM Hemingbrough Glaciolacustrine Formation

Bedrock Geology

 SSG Sherwood Sandstone Group



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Appendix A Stantec Methodology for Assessment of Land Contamination (England)

Stantec Guide: Methodology for Assessment of Land Contamination (England)

1 INTRODUCTION

This document defines the approach adopted by Stantec in relation to the assessment of land contamination in England. The aim is for the approach to (i) be systematic and objective, (ii) provide for the assessment of uncertainty and (iii) provide a rational, consistent, transparent framework.

When preparing our methodology, we have made reference to various technical guidance documents and legislation referenced in Section 7 of which the principal documents are (i) Contaminated Land Statutory Guidance (Defra 2012), (ii) online guidance Land Contamination: Risk Management (LC:RM) accessed from GOV.UK which is expected to replace Contaminated Land Research (CLR) Report 11: Model Procedures for the Management of Contamination (EA 2004). It should be noted that LCRM is currently due to be revised following consultation and CLR 11 is archived, (iii) Contaminated land risk assessment: A guide to good practice (C552) (CIRIA 2001) (iv) National Planning Policy Framework (NPPF, 2019) (v) BS 10175 Investigation of potentially contaminated sites - Code of Practice (BSI 2017) and (vi) The series of British Standards on Soil Quality BS 18400.

2 DEALING WITH LAND CONTAMINATION

Government policy on land contamination aims to prevent new contaminated land from being created and promotes a risk-based approach to addressing historical contamination. For historical contamination, regulatory intervention is held in reserve for land that meets the legal definition and cannot be dealt with through any other means, including through planning. Land is only considered to be “contaminated land” in the legal sense if it poses an unacceptable risk.

UK legislation on contaminated land is principally contained in Part 2A of the Environmental Protection Act, 1990 (which was inserted into the 1990 Act by section 57 of the Environment Act 1995). Part 2A was introduced in England on 1 April 2000 and 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 Model Procedures for the Management of Land Contamination (CLR 11), were developed to provide the technical framework for applying a risk management process when dealing with land affected by contamination. The process involves identifying, making decisions on, and taking appropriate action to deal with land contamination in a way that is consistent with government policies and legislation within the UK. The approach, concepts and principles for land contamination management promoted by LC:RM (and its predecessor CLR 11) are applied to the determination of planning applications. The

guidance given in LC:RM follows the same principles.

Other legislative regimes may also provide a means of dealing with land contamination issues, such as the regimes for waste, water, environmental permitting, and environmental damage. Further, the law of statutory nuisance may result in contaminants being unacceptable to third parties whilst not attracting action under Part 2A or other environmental legislation.

2.1 Part 2A

The Regulations and Statutory Guidance that accompanied the Act, including the Contaminated Land (England) Regulations 2006, has been revised with the issue of The Contaminated Land (England) (Amendment) Regulations 2012 (SI 2012/263) and the Contaminated Land Statutory Guidance for England 2012.

Part 2A defines contaminated land as “*land which appears to the Local Authority in whose area it is situated to be in such a condition that, by reason of substances in, on or under the land that significant harm is being caused, or there is a significant possibility that such significant harm (SPOSH) could be caused, or significant pollution of controlled waters is being caused, or there is a significant possibility of such pollution (SPOSP) being caused*”.

Harm is defined as “*harm to the health of living organisms or other interference with the ecological systems of which they form part, and in the case of man, includes harm to his property*”.

Part 2A provides a means of dealing with unacceptable risks posed by land contamination to human health and the environment, and under the guidance enforcing authorities should seek to find and deal with such land. It states that “*under Part 2A the starting point should be that land is not contaminated land unless there is reason to consider otherwise. Only land where unacceptable risks are clearly identified, after a risk assessment has been undertaken in accordance with the Guidance, should be considered as meeting the Part 2A definition of contaminated land*”. Further, the guidance makes it clear that “*regulatory decisions should be based on what is reasonably likely, not what is hypothetically possible*”.

The overarching objectives of the Government’s policy on contaminated land and the Part 2A regime are:

- “(a) To identify and remove unacceptable risks to human health and the environment.
- (a) To seek to ensure that contaminated land is made suitable for its current use.
- (b) To ensure that the burdens faced by individuals, companies and society as a whole are proportionate, manageable and compatible with the principles of

Stantec Guide: Methodology for Assessment of Land Contamination (England)

sustainable development".

The enforcing authority may need to decide whether and how to act in situations where decisions are not straight forward, and where there is uncertainty. *"In so doing, the authority should use its judgement to strike a reasonable balance between: (a) dealing with risks raised by contaminants in land and the benefits of remediating land to remove or reduce those risks; and (b) the potential impacts of regulatory intervention including financial costs to whoever will pay for remediation, health and environmental impacts of taking action, property blight, and burdens on affected people"*.

The authority is required to *"take a precautionary approach to the risks raised by contamination, whilst avoiding a disproportionate approach given the circumstances of each case"*. The aim is *"that the regime produces net benefits, taking account of local circumstances"*.

The guidance recognises that *"normal levels of contaminants in soils should not be considered to cause land to qualify as contaminated land, unless there is a particular reason to consider otherwise"*. Normal levels are quoted as:

- "a) natural presence of contaminants' such as from underlying geology 'that have not been shown to pose an unacceptable risk to health and the environment*
- b) ...low level diffuse pollution, and common human activity..."*

Similarly the guidance states that significant pollution or significant possibility of significant pollution of controlled waters is required for land to be considered contaminated and the *"fact that substances are merely entering water"* or *"where discharge from land is not discernible at a location immediately downstream"* does not constitute contaminated land.

To help achieve a more targeted approach to identifying and managing contaminated land in relation to the risk (or possibility) of harm to human health, the revised Statutory Guidance presented a new four category system for considering land under Part 2A, ranging from Category 4, where there is no risk that land poses a significant possibility of significant harm (SPOSH), or the level of risk is low, to Category 1, where the risk that land poses a significant possibility of significant harm (SPOSH) is unacceptably high.

For land that cannot be readily placed into Categories 1 or 4 further assessment is required. If there is sufficient concern that the risks could cause significant harm or have the significant possibility of significant harm the land is to be placed into Category 2. If the concern is not met land is considered Category 3.

The technical guidance clearly states that the currently published Soil Guidance Values (SGV's) and Generic Assessment Criteria (GAC's) represent *"cautious estimates of level of contaminants in soils"* which should be considered *"no risk to health or, at most, a minimal risk"*. These values do not represent the boundary between categories 3 and 4 and *"should be considered to be comfortably within Category 4"*.

At the end of 2013 technical guidance in support of Defra's revised Statutory Guidance (SG) was published and then revised in 2014 (CL: AIRE 2014) which provided:

- A methodology for deriving C4SLs for four generic land-uses comprising residential, commercial, allotments and public open space; and
- A demonstration of the methodology, via the derivation of C4SLs for six substances – arsenic, benzene, benzo(a)pyrene, cadmium, chromium (VI) and lead.

For controlled waters, the revised Statutory Guidance states that the following types of pollution should be considered to constitute significant pollution of controlled waters:

- "(a) Pollution equivalent to "environmental damage" to surface water or groundwater as defined by The Environmental Damage (Prevention and Remediation) Regulations 2009, but which cannot be dealt with under those Regulations.*
- (b) Inputs resulting in deterioration of the quality of water abstracted, or intended to be used in the future, for human consumption such that additional treatment would be required to enable that use.*
- (c) A breach of a statutory surface water Environment Quality Standard, either directly or via a groundwater pathway.*
- (d) Input of a substance into groundwater resulting in a significant and sustained upward trend in concentration of contaminants (as defined in Article 2(3) of the Groundwater Daughter Directive (2006/118/EC))"*.

The guidance also states that, in some circumstances, significant concentrations at a compliance point (in groundwater or surface water) may constitute pollution of controlled waters.

As with SPOSH for human health, the revised Statutory Guidance presents a four-category system for Significant Pollution of controlled waters. Category 1 covers land where there is a strong and compelling case for SPOSP, for example where significant pollution would almost certainly occur if no action was taken to avoid it. Category 4 covers land where there is no risk or the risk is low, for

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example, where the land contamination is having no discernible impact on groundwater or surface water quality. Category 2 is for land where the risks posed to controlled waters are not high enough to consider the land as Category 1 but nonetheless are of sufficient concern to constitute SPOSP, Category 3 is for land where the risks posed to controlled waters are higher than low but not of sufficient concern to constitute SPOSP.

2.2 Planning

The Local Planning Authority (LPA) is responsible for the control of development, and in doing so it has a duty to take account of all material considerations, including contamination.

The principal planning objective is to ensure that any unacceptable risks to human health, buildings and other property and the natural and historical environment from the contaminated condition of the land are identified so that appropriate action can be considered and taken to address those risks.

The National Planning Policy Framework (NPPF, 2021), includes the following.

Paragraph 120 states that planning policies and decisions should “(c) give substantial weight to the value of using suitable brownfield land within settlements for homes and other identified needs, and support appropriate opportunities to remediate despoiled, degraded, derelict, contaminated or unstable land.”

Paragraph 184 states “Where a site is affected by contamination or land stability issues, responsibility for securing a safe development rests with the developer and/or landowner”.

Paragraph 174 states “planning policies and decisions should contribute to and enhance the natural and local environment by:

- (e) preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability. Development should, wherever possible, help to improve local environmental conditions such as air and water quality, taking into account relevant information such as river basin management plans; and
- (f) remediating and mitigating despoiled, degraded, derelict, contaminated and unstable land, where appropriate.”

Paragraph 183 describes the policy considerations the Government expects LPA’s to have in regard to land affected by contamination when preparing policies for development plans and in taking decisions on applications.

Paragraph 183 states “planning policies and decisions should ensure that:

- (a) a site is suitable for its proposed use taking account of ground conditions and any risks arising from land instability and contamination. This includes risks arising from natural hazards or former activities such as mining, and any proposals for mitigation including land remediation (as well as potential impacts on the natural environment arising from that remediation);
- (b) after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part IIA of the Environmental Protection Act 1990; and
- c) adequate site investigation information, prepared by a competent person, is available to inform these assessments.”

Paragraph 187 states “The focus of planning policies and decisions should be on whether proposed development is an acceptable use of land, rather than the control of processes or emissions (where these are subject to separate pollution control regimes). Planning decisions should assume that these regimes will operate effectively. Equally, where a planning decision has been made on a development, the planning issues should not be revisited through the permitting regimes operated by pollution control authorities.”

The Glossary in Annex 2 provides the following:

Brownfield land registers: Registers of previously developed land that local planning authorities consider to be appropriate for residential development, having regard to criteria in the Town and Country Planning (Brownfield Land Registers) Regulations 2017. Local planning authorities will be able to trigger a grant of permission in principle for residential development on suitable sites in their registers where they follow the required procedures.

Competent person (to prepare site investigation information): A person with a recognised relevant qualification, sufficient experience in dealing with the type(s) of pollution or land instability, and membership of a relevant professional organisation.

Previously developed land: Land which is or was occupied by a permanent structure, including the curtilage of the developed land (although it should not be assumed that the whole of the curtilage should be developed) and any associated fixed surface infrastructure. This excludes: land that is or was last occupied by agricultural or forestry buildings; land that has been developed for minerals extraction or waste disposal by landfill, where provision for restoration has been made through development management procedures; land in built-up areas such as residential gardens, parks, recreation grounds and allotments; and land that was previously developed but where the

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remains of the permanent structure or fixed surface structure have blended into the landscape.

Site investigation information: *Includes a risk assessment of land potentially affected by contamination, or ground stability and slope stability reports, as appropriate. All investigations of land potentially affected by contamination should be carried out in accordance with established procedures (such as BS10175 Investigation of Potentially Contaminated Sites – Code of Practice).*

Stantec adopt the principle that a Preliminary Investigation (Desk Study and Site Reconnaissance) and Preliminary Risk Assessment (see below) is the minimum assessment requirement to support a planning application.

The level at which contamination is deemed to be unacceptable, or, gives rise to adverse effects under a planning context has not been identified but is envisaged to be more precautionary than the level required to determine land as contaminated under Part 2A.

2.3 Building Control

The building control department of the local authority or private sector approved inspectors are responsible for the operation and enforcement of the Building Regulations (DCLG 2010) to protect the health, safety and welfare of people in and around buildings. Approved Document C requires the protection of buildings and associated land from the effects of contamination, to be applied (non-exclusively) in all changes of use from commercial or industrial premises, to residential property.

3 APPROACH

As with CLR11 the guidance given in LC:RM presents three stages of land contamination management: -

- (a) Stage 1 - Risk Assessment;
- (b) Stage 2 - Options Appraisal; and
- (c) Stage 3 - Remediation.

Each stage has three tiers. The three tiers of Stage 1 Risk Assessment are: -

- Tier 1 - Preliminary Risk Assessment (PRA) - first tier of RA that develops the outline conceptual model (CM) and establishes whether there are any potentially unacceptable risks.
- Tier 2 - Generic Quantitative Risk Assessment (GQRA) - carried out using generic assessment criteria and assumptions to estimate risk.
- Tier 3 - Detailed Quantitative Risk Assessment (DQRA) - carried out using detailed site-specific information to generate Site Specific

Assessment Criteria (SSAC) as risk evaluation criteria.

For each tier of a Stage 1 - Risk Assessment you must:

1. Identify the hazard - establish contaminant sources.
2. Assess the hazard - use a source-pathway-receptor (S-P-R) pollutant linkage approach to find out if there is the potential for unacceptable risk.
3. Estimate the risk - predict what degree of harm or pollution might result and how likely it is to occur.
4. Evaluate the risk - decide whether a risk is unacceptable.

A Stantec Preliminary Investigation report normally comprises a desk study, walkover site reconnaissance and preliminary risk assessment (PRA). The project specific proposal defines the actual scope of work which might include review of ground investigation data in which case the report includes a GQRA.

Risk estimation involves identifying the magnitude of the potential consequence (taking into account both the potential severity of the hazard and the sensitivity of the receptor) and the magnitude of the likelihood i.e. the probability (taking into account the presence of the hazard and the receptor and the integrity of the pathway). This approach is promoted in current guidance such as R&D 66 (NHBC 2008).

For a PRA, Stantec's approach is that if a pollution linkage is identified then it represents a potentially unacceptable risk which either (1) remediation / direct risk management or (2) progression to further tiers of risk assessment (GQRA and DQRA) requiring additional data collection and enabling refinement of the CM using the site specific data.

4 IDENTIFICATION OF POLLUTANT LINKAGES AND DEVELOPMENT OF A CONCEPTUAL MODEL (CM)

For all Tiers of a Stage 1 Risk Assessment, the underlying principle to ground condition assessment is the identification of *pollutant linkages* in order to evaluate whether the presence of a source of contamination could potentially lead to harmful consequences. A pollutant linkage consists of the following three elements: -

- A source/hazard – a substance or situation which has the potential to cause harm or pollution;
- A pathway – a means by which the hazard moves along / generates exposure; and
- A receptor/target – an entity which is vulnerable to the potential adverse effects of the hazard.

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The *Conceptual Model* identifies the types and locations of potential contaminant sources/hazards and potential receptors and potential migration/transportation pathway(s). The CM is refined through progression to further tiers of risk assessment (GQRA and GQRA) requiring additional data collection.

4.1 Hazard Identification

A hazard is a substance or situation that has the potential to cause harm. Hazards may be chemical, biological or physical.

In a PRA the potential for hazards to be present is determined from consideration of the previous or ongoing activities on or near to the site in accordance with the criteria presented in the **Table 1**.

Based on the land use information Contaminants of Potential Concern (COPC) are identified. The COPC direct the scope of the collection of site-specific data and the analytical testing selected for subsequent Tiers.

At Tier 2 the site-specific data is evaluated using appropriate published assessment criteria (refer to Stantec document entitled Rationale for the Selection of Evaluation Criteria for a Generic Quantitative Risk Assessment (GQRA)). In general, published criteria have been developed using highly conservative assumptions and therefore if the screening criterion is not exceeded (and if enough samples from appropriate locations have been analysed) then the COPC is eliminated as a potential Hazard. It should be noted that exceedance does not necessarily indicate that a site is contaminated and/or unsuitable for use only that the COPC is retained as a potential Hazard. Published criteria are generated using models based on numerous and complex assumptions. Whether or not these assumptions are appropriate or sufficiently protective requires confirmation on a project by project basis. Manipulation of the default assumptions would normally form part of a Tier 3 Detailed Quantitative Risk Assessment (DQRA).

When reviewing or assessing site specific data Stantec utilise published guidance on comparing contamination data with a critical concentration (CL:AIRE/CIEH 2008) which presents a structured

process for employing statistical techniques for data assessment purposes.

4.2 Receptor and Pathway Identification

For all Tiers the potential receptors (for both on site and adjoining land) that will be considered are:

- Human Health – including current and future occupiers, construction and future maintenance workers, and neighbouring properties/third parties;
- Ecological Systems;¹
- Controlled Waters² – Under section 78A(9) of Part 2A the term “pollution of controlled waters” means the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter. The term “controlled waters” in relation to England has the same meaning as in Part 3 of the Water Resources Act 1991, except that “ground waters” does not include waters contained in underground strata but above the saturation zone.
- Property - Animal or Crop (including timber; produce grown domestically, or on allotments, for consumption; livestock; other owned or domesticated animals; wild animals which are the subject of shooting or fishing rights); and
- Property - Buildings (any structure or erection, and any part of a building including any part below ground level, but does not include plant or machinery comprised in a building, or buried services such as sewers, water pipes or electricity cables including archaeological sites and ancient monuments).

If a receptor is taken forward for further assessment it will be classified in terms of its sensitivity, the criteria for which are presented in **Table 2**. Table 2 has been generated using descriptions of environmental receptor importance/value given in various guidance documents including R&D 66 (NHBC 2008), EA 2017 and Transport Analysis Guidance (based on DETR 2000). Human health and buildings classifications have been generated by Stantec using the attribute description for each class. Surface water sensitivity is classified using the Water Framework Directive (WFD) status for the River Basin obtained from: <https://environment.data.gov.uk/catchment-planning/>

without such a survey a Land Contamination risk assessment may conclude that the identification of potential ecological receptors is inconclusive (refer to Stantec Specification for a Preliminary Investigation (Desk Study and Site Reconnaissance).

² The definition of “pollution of controlled water” was amended by the introduction of Section 86 of the Water Act 2003. For the purposes of Part 2A groundwater does not include waters above the saturated zone and our assessment does not therefore address perched water other than where development causes a pathway to develop.

¹ International or nationally designated sites (as defined in the statutory guidance (Defra Circular 04/12)) “in the local area” will be identified as potential ecological receptors. A search radius of 1, 2 or 5km will be utilised depending on the site-specific circumstances (see also pathway identification). The Environment Agency has published an ecological risk assessment framework (EA 2008) which promotes (as opposed to statutorily enforces) consideration of additional receptors to include locally protected sites and protected or notable species. These additional potential receptors will only be considered if a Phase 1 habitat survey, undertaken in accordance with guidance (JNCC 1993), is commissioned and the data provided to Stantec. It should be noted that

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The exposure pathway and modes of transport that will be considered are presented in **Table 3**.

4.3 Note regarding Ecological Systems

The Environment Agency (EA) has developed an ecological risk assessment framework which aims to provide a structured approach for assessing the risks to ecology from chemical contaminants in soils (EA 2008). In circumstances where contaminants in water represent a potential risk to aquatic ecosystems then risk assessors will need to consider this separately.

The framework consists of a three-tiered process: -

- Tier 1 is a screening step where the site soils chemical data is compared to a soil screening value (SSV)
- Tier 2 uses various tools (including surveys and biological testing) to gather evidence for any harm to the ecological receptors
- Tier 3 seeks to attribute the harm to the chemical contamination

Tier 1 is preceded by a desk study to collate information about the site and the nature of the contamination to assess whether pollutant linkages are feasible. The framework presents ten steps for ecological desk studies and development of a conceptual model as follows.

1. Establish Regulatory Context
2. Collate and Assess Documentary Information
3. Summarise Documentary Information
4. Identify Contaminants of Potential Concern
5. Identify Likely Fate Transport of Contaminants
6. Identify Potential Receptors of Concern
7. Identify Potential Pathways of Concern
8. Create a Conceptual Model
9. Identify Assessment and Measurement Endpoints
10. Identify Gaps and Uncertainties

The information in a standard PRA report covers Steps 1 to 4 inclusive. Step 5 considers fate and transport of contaminants and it should be noted that our standard report adopts a simplified approach considering only transport mechanisms. A simplified approach has also been adopted in respect of Steps 6 and 7 receptors (a detailed review of the ecological attributes has not been undertaken) and pathways (a food chain assessment has not been undertaken). Step 9 is outside the scope of our standard PRA report.

It should be noted that the PRA report will present an assessment for ecological systems (where identified as a receptor for a land contamination assessment) considering the viability of the mode of transport given the site-specific circumstances and not specific pathways. The PRA may conclude that the risk to potential ecological receptors is inconclusive.

4.4 Note regarding controlled waters

Controlled waters are rivers, estuaries, coastal waters, lakes and groundwaters, but not perched waters.

The EU Water Framework Directive (WFD) 2000/60/EC provides for the protection of sub-surface, surface, coastal and territorial waters through a framework of river basin management. The EU Updated Water Framework Standards Directive 2014/101/EU amended the EU WFD to update the international standards therein; it entered into force on 20 November 2014 with the requirements for its provisions to be transposed in Member State law by 20 May 2016. Other EU Directives in the European water management framework include:

- the EU Priority Substances Directive 2013/39/EU;
- EU Groundwater Pollutants Threshold Values Directive 2014/80/EU amending the EU Groundwater Directive 2006/118/EC; and
- EU Biological Monitoring Directive 2014/101/EU.

The Ground Water Daughter Directive (GWDD) was enacted by the Groundwater Regulations (2009), which were subsumed by the Environmental Permitting Regulations (2010) which provide essential clarification including on the four objectives specifically for groundwater quality in the WFD: -

Achieve 'Good' groundwater chemical status by 2015, commonly referred to as 'status objective';
Achieve Drinking Water Protected Area Objectives;
Implement measures to reverse any significant and sustained upward trend in groundwater quality, referred to as 'trend objective'; and

Prevent or limit the inputs of pollutants into groundwater, commonly referred to as 'prevent or limit' objectives

The Water Act 2003 (Commencement No.11) Order 2012 amends the test for 'contaminated land' which relates to water pollution so that pollution of controlled waters must now be "significant" to meet the definition of contaminated land.

The Water Framework Directive (WFD) requires the preparation, implementation and review of River Basin Management Plans (RBMP) on a six-year cycle. River basins are made up of lakes, rivers, groundwaters, estuaries and coastal waters, together with the land they drain. River Basin Districts (RBD) and the WFD Waterbodies that they comprise are important spatial management units, regularly used in catchment management studies. River Basin Management Plans (RBMP) have been developed for the 11 River Basin Districts in England and Wales.

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These were released by Defra in 2009 (Defra 2009) and updated in 2015.

These RBMP's establish the current status of waters within the catchments of the respective Districts and the current status of adjoining waters identified. As part of a Tier 2 risk assessment water quality data is screened against the WFD assessment criteria. Comparison with the RBMP's current status of waters for the catchment under consideration would form part of a Tier 3 assessment.

5 RISK ESTIMATION

Risk estimation classifies what degree of harm might result to a receptor (defined as consequence) and how likely it is that such harm might arise (probability).

At Tier 1 the consequence classification is generated by multiplying the hazard classification score and the receptor sensitivity score. This approach follows that presented in the republished R&D 66 (NHBC 2008).

The criteria for classifying probability are set out in **Table 4** and have been taken directly from Table 6.4 CIRIA C552 (CIRIA 2001). Probability considers the integrity of the exposure pathway.

The consequence classifications detailed in **Table 5** have been adapted from Table 6.3 presented in C552 and R&D 66 (Annex 4 Table A4.3).

The Tier 1 risk classification is estimated for each pollutant linkage using the matrix given in **Table 6** which is taken directly from C552 (Table 6.5).

Subsequent Tiers refine the CM through retention or elimination of potential hazards and pollutant linkages.

6 RISK EVALUATION

Evaluation criteria are the parameters used to judge whether harm or pollution needs further assessment or is unacceptable. The evaluation criteria used will depend on:

- the reasons for doing the RA and the regulatory context such as Part 2A or planning;
- the CM and pollutant linkages present;
- any criteria set by regulators;
- any advisory requirements such as from Public Health England;
- the degree of confidence and precaution required;
- the level of confidence required to judge whether a risk is unacceptable;
- how you've used or developed more detailed assessment criteria in the later tiers of RA;
- the availability of robust scientific data;
- how much is known - for example, about the pathway mechanism and how the contaminants affect receptors; and

- any practical reasons such as being able to measure or predict against the criteria.

In order to put the Tier 1 risk classification into context the likely actions are described in **Table 7** which is taken directly from Table 6.6 of C552 (CIRIA 2001).

REFERENCES

BSI 2017 BS 10175:2011+A2:2017 Investigation of potentially contaminated sites - Code of Practice

BSI 2019 BS 8485:2015+A1:2019 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings

CIRIA 2001: Contaminated land risk assessment – a guide to good practice C552.

CIRIA 2008: Assessing risks posed by hazardous ground gases to buildings C655

CL: AIRE/CIEH 2008 Guidance on Comparing Soil Contamination Data with a Critical Concentration. Published by Contaminated Land: Applications in Real Environments (CL: AIRE) and the Chartered Institute of Environmental Health (CIEH)

CL: AIRE 2013 SP1010 – Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination. Final Project Report published by Contaminated Land: Applications in Real Environments (CL: AIRE) 20th December 2013

DCLG 2010 Building Regulations 2010 Approved Document C Site preparation and resistance to contaminants and moisture.

DETR 2000 Methodology for Multi Modal Studies. Volume 2 Section 4. The Environmental Objective.

DEFRA 2012 Environmental Protection Act 1990: Part 2A. Contaminated Land Statutory Guidance. Department for Environment, Food and Rural Affairs

DEFRA, 2006 The Contaminated Land (England) Regulations 2006.

DEFRA, 2012 The Contaminated Land (England) (Amendment) Regulations 2012 (SI2012/263).

DEFRA, 2012 Environmental Protection Act 1990: Part 2A. Contaminated Land Statutory Guidance. April 2012.

DEFRA, 2013 Environmental Damage (Prevention and Remediation) Regulations 2009: Guidance for England and Wales

Defra '2009 Water for Life and Livelihoods. River Basin Management Plan. (11 Districts: Anglia, Dee, Humber, Northumbria, Northwest, Severn, Solway

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and Tweed, Southeast, Thames, Western Wales)
December 2009

EA 2004: Contaminated Land Research (CLR) Report 11: The Model Procedures for the Management of Land Contamination CRL 11 by the Environment Agency (EA).

EA 2008 Ecological Risk Assessment Science Report Series SC070009 published by the Environment Agency (EA).

EA 2017 New groundwater vulnerability mapping methodology in England and Wales Report – SC040016/R Environment Agency (EA) September 2017

JNCC 1993 Handbook for Phase 1 Habitat Survey – A Technical for Environmental Audit prepared by the Joint Nature Conservancy Council (JNCC)

NHBC/EA/CIEH 2008: R&D Publication 66 Guidance for the safe development of housing on land affected by contamination.

National Planning Policy Framework (February 2019 revised), published by the Ministry of Housing, Communities and Local Government (MHCLG) at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1005759/NPPF_July_2021.pdf

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Table 1: Criteria for Classifying Hazards / Potential for Generating Contamination

Classification/Score	Potential for generating contamination/gas based on land use
Very Low 1	Land Use: Residential, retail or office use, agriculture Contamination: Limited. Gas generation potential: Soils with low organic content
Low 2	Land Use: Recent small scale industrial and light industry Contamination: locally slightly elevated concentrations. Gas generation potential: Soils with high organic content (limited thickness)
Moderate 3	Land Use: Railway yards, collieries, scrap yards, engineering works. Contamination: Possible widespread slightly elevated concentrations and locally elevated concentrations. Gas generation potential: Dock silt and substantial thickness of organic alluvium/peat
High 4	Land Use: Heavy industry, non-hazardous landfills. Contamination: Possible widespread elevated concentrations. Gas generation potential: Shallow mine workings Pre 1960s landfill
Very High 5	Land Use: Hazardous waste landfills, gas works, chemical works, Contamination: Likely widespread elevated concentrations. Gas generation potential: Landfill post 1960

“Greenfield” is land which has not been developed and there has been no use of agrochemicals

Table 2: Criteria for Classifying Receptor Sensitivity/Value

Classification	Definition
Very Low 1	Receptor of limited importance <ul style="list-style-type: none"> Groundwater: Unproductive strata (Strata with negligible significance for water supply or river baseflow) (previously Non-aquifer), Secondary B (water-bearing parts of non-aquifers), Secondary undifferentiated (previously minor or non-aquifer, but information insufficient to classify as secondary A or B) Surface water: WFD Surface Water status Bad Ecology: No local designation Buildings: Replaceable Human health: Unoccupied/limited access
Low 2	Receptor of local or county importance with potential for replacement <ul style="list-style-type: none"> Groundwater: Secondary A aquifer Surface water: WFD Surface Water status Poor Ecology: local habitat resources Buildings: Local value Human health: Minimum score 4 where human health identified as potential receptor
Moderate 3	Receptor of local or county importance with potential for replacement <ul style="list-style-type: none"> Groundwater: Principal aquifer Surface water: WFD Surface Water status Moderate Ecology: County wildlife sites, Areas of Outstanding Natural Beauty (AONB) Buildings: Area of Historic Character Human health: Minimum score 4 where human health identified as potential receptor
High 4	Receptor of county or regional importance with limited potential for replacement <ul style="list-style-type: none"> Groundwater: Source Protection Zone 2 or 3 Surface water: WFD Surface Water status Good Ecology: SSSI, National or Marine Nature Reserve (NNR or MNR) Buildings: Conservation Area Human health: Minimum score 4 where human health identified as potential receptor
Very High 5	Receptor of national or international importance <ul style="list-style-type: none"> Groundwater: Source Protection Zone (SPZ) 1 Surface water: WFD Surface Water status High Ecology: Special Areas of Conservation (SAC and candidates), Special Protection Areas (SPA and potentials) or wetlands of international importance (RAMSAR) Buildings: World Heritage site Human health: Residential, open spaces and uses where children are present

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Table 3: Exposure Pathway and Modes of Transport

Receptor	Pathway	Mode of transport
Human health	Ingestion	Fruit or vegetable leaf or roots
		Contaminated water
		Soil/dust indoors
		Soil/dust outdoors
	Inhalation	Particles (dust / soil) – outdoor
		Particles (dust / soil) - indoor
		Vapours – outdoor - migration via natural or anthropogenic pathways
		Vapours - indoor - migration via natural or anthropogenic pathways
	Dermal absorption	Direct contact with soil
		Direct contact with waters (swimming / showering)
Irradiation		
Groundwater	Leaching	Gravity / permeation
	Migration	Natural – groundwater as pathway Anthropogenic (e.g. boreholes, culverts, pipelines etc.)
Surface Water	Direct	Runoff or discharges from pipes
	Indirect	Recharge from groundwater
	Indirect	Deposition of windblown dust
Buildings	Direct contact	Sulphate attack on concrete, hydrocarbon corrosion of plastics
	Gas ingress	Migration via natural or anthropogenic paths
Ecological systems	See Notes	Runoff/discharge to surface water body
	See Notes	Windblown dust
	See Notes	Groundwater migration
	See Notes	At point of contaminant source
Animal and crop	Direct	Windblown or flood deposited particles / dust / sediments
	Indirect	Plants via root up take or irrigation. Animals through watering
	Inhalation	By livestock / fish - gas / vapour / particulates / dust
	Ingestion	Consumption of vegetation / water / soil by animals

Table 4: Classification of Probability

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

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Table 5: Classification of Consequence (score = magnitude of hazard and sensitivity of receptor)

Classification Score /	Examples
Severe 17-25 (3 out of 25 outcomes)	Human health effect - exposure likely to result in “significant harm” as defined in the Defra (2012) Part 2A Statutory Guidance ¹ . Controlled water effect - short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource. Equivalent to EA Category 1 incident (persistent and/or extensive effects on water quality leading to closure of potable abstraction point or loss of amenity, agriculture or commercial value. Major fish kill. Ecological effect - short-term exposure likely to result in a substantial adverse effect. Catastrophic damage to crops, buildings or property
Medium 10-16 (7 out of 25 outcomes)	Human health effect - exposure could result in “significant harm” ¹ . Controlled water effect - equivalent to EA Category 2 incident requiring notification of abstractor Ecological effect - short-term exposure may result in a substantial adverse effect. Damage to crops, buildings or property
Mild 5-9 (7 out of 25 outcomes)	Human health effect - exposure may result in “significant harm” ¹ . Controlled water effect - equivalent to EA Category 3 incident (short lived and/or minimal effects on water quality). Ecological effect - unlikely to result in a substantial adverse effect. Minor damage to crops, buildings or property. Damage to building rendering it unsafe to occupy (for example foundation damage resulting in instability).
Minor 1-4 (8 out of 25 outcomes)	No measurable effect on humans. Protective equipment is not required during site works. Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems. Repairable effects to crops, buildings or property. The loss of plants in a landscaping scheme. Discolouration of concrete.

¹ Significant harm includes death, disease, serious injury, genetic mutation, birth defects or impairment of reproductive function. The local authority may also consider other health effects to constitute significant harm such as physical injury; gastrointestinal disturbances; respiratory tract effects; cardio-vascular effects; central nervous system effects; skin ailments; effects on organs such as the liver or kidneys; or a wide range of other health impacts. Whether or not these would constitute significant harm would depend on the seriousness of harm including impact on health, quality of life and scale of impact.

Table 6: Classification of Risk (Combination of Consequence Table 5 and Probability Table 4)


Probability	Consequence			
	Severe	Medium	Mild	Minor
High likelihood	Very high	High	Moderate	Low
Likely	High	Moderate	Moderate/	Low
Low likelihood	Moderate	Moderate	Low	Very low
Unlikely	Low	Low	Very low	Very low

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Table 7: Description of Risks and Likely Action Required

Risk Classification	Description
<i>Very high risk</i>	There is a 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 a substantial liability. Urgent investigation (if not undertaken already) and remediation is likely to be required in the short term.
<i>High risk</i>	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short-term and are likely over the longer-term.
<i>Moderate risk</i>	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 (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer-term.
<i>Low risk</i>	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.
<i>Very low risk</i>	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

Appendix B Site Walkover Photographs


Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire
Photograph ID: 1			
Photo Location: A			
Direction: South-east			
Survey Date: 17/05/2023			
Comments: Arable field in the south-west of the site.			
Photograph ID: 2			
Photo Location: B			
Direction: East			
Survey Date: 17/05/2023			
Comments: Drain between fields in the south-west of the site.			

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire

Photograph ID: 3	
Photo Location: C	
Direction: North	
Survey Date: 17/05/2023	
Comments: Gas line marker in the south of the site.	

Photograph ID: 4	
Photo Location: D	
Direction: South-west	
Survey Date: 17/05/2023	
Comments: High voltage and medium voltage power lines in the centre of the site.	

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire



Photograph ID: 5	
Photo Location: E	
Direction: South	
Survey Date: 17/05/2023	
Comments: Pump and small brick building in the north-west of the site.	



Photograph ID: 6	
Photo Location: E	
Direction: East	
Survey Date: 17/05/2023	
Comments: Pump and contents of storage area.	

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire

Photograph ID: 7	
Photo Location: F	
Direction: West	
Survey Date: 17/05/2023	
Comments: Arable field in the north of the site.	


Photograph ID: 8	
Photo Location: G	
Direction: North	
Survey Date: 17/05/2023	
Comments: Drain between fields in the south-east of the site.	

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire
Photograph ID: 9			
Photo Location: H			
Direction: West			
Survey Date: 17/05/2023			
Comments: Two gas line markers in the south-east of the site.			
Photograph ID: 10			
Photo Location: I			
Direction: East			
Survey Date: 18/05/2023			
Comments: Yard and stockpile for golf course in the east of the site.			


Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire
Photograph ID: 11			
Photo Location: J			
Direction: South-east			
Survey Date: 18/05/2023			
Comments: Pipes crossing drain in the east of the site.			
Photograph ID: 12			
Photo Location: K			
Direction: South-west			
Survey Date: 18/05/2023			
Comments: Mound in the east of the site.			

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire

Photograph ID: 13	
Photo Location: L	
Direction: South-west	
Survey Date: 18/05/2023	
Comments: Drain in the east of the site.	

Photograph ID: 14	
Photo Location: M	
Direction: East	
Survey Date: 18/05/2023	
Comments: Railway in the east of the site.	

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire

Photograph ID: 15	
Photo Location: N	
Direction: North-west	
Survey Date: 18/05/2023	
Comments: Grass area and embankment beneath the A645 in the east of the site.	

Photograph ID: 16	
Photo Location: O	
Direction: South-west	
Survey Date: 18/05/2023	
Comments: Golf club car park in the east of the site.	

Client:	Enso Green Holdings D Limited	Project:	332610098
Site Name:	Helios Renewable Energy Project	Site Location:	Camblesforth, North Yorkshire

Photograph ID: 17	
Photo Location: O	
Direction: East	
Survey Date: 18/05/2023	
Comments: Embankment beneath the A645 in the east of the site.	

Appendix C Groundsure Report

SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_A

Site Details

Location: 461626 428325
Area: 39.18 ha
Authority: [The North Yorkshire Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 8 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
12 >	1.1 >	Historical industrial land uses >	0	0	2	6	-
13 >	1.2 >	Historical tanks >	1	2	0	0	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
14 >	1.4 >	Historical petrol stations >	0	0	0	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	3	7	-
16 >	2.2 >	Historical tanks >	1	2	0	0	-
16 >	2.3 >	Historical energy features >	0	0	0	0	-
17 >	2.4 >	Historical petrol stations >	0	0	0	0	-
17 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
18 >	3.1 >	Active or recent landfill >	0	0	0	0	-
18 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
19 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
19 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
19 >	3.5 >	Historical waste sites >	0	0	0	0	-
19 >	3.6 >	Licensed waste sites >	0	0	0	0	-
19 >	3.7 >	Waste exemptions >	0	13	0	2	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	4.1 >	Recent industrial land uses >	0	1	1	-	-
23 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
23 >	4.3 >	Electricity cables >	0	0	0	0	-
23 >	4.4 >	Gas pipelines >	0	0	0	0	-
23 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



23	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
24	4.7	Regulated explosive sites	0	0	0	0	-
24	4.8	Hazardous substance storage/usage	0	0	0	0	-
24	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
24	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
24	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
25	4.12	Radioactive Substance Authorisations	0	0	0	0	-
25	4.13	Licensed Discharges to controlled waters	0	0	0	2	-
25	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
26	4.15	Pollutant release to public sewer	0	0	0	0	-
26	4.16	List 1 Dangerous Substances	0	0	0	0	-
26	4.17	List 2 Dangerous Substances	0	0	0	0	-
26	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
26	4.19	Pollution inventory substances	0	0	0	0	-
27	4.20	Pollution inventory waste transfers	0	0	0	0	-
27	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
28	5.1	Superficial aquifer	Identified (within 500m)				
30	5.2	Bedrock aquifer	Identified (within 500m)				
31	5.3	Groundwater vulnerability	Identified (within 50m)				
32	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
32	5.5	Groundwater vulnerability- local information	None (within 0m)				
33	5.6	Groundwater abstractions	0	6	4	0	22
41	5.7	Surface water abstractions	0	0	0	3	9
44	5.8	Potable abstractions	0	0	0	0	0
44	5.9	Source Protection Zones	1	0	0	0	-
45	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
46	6.1	Water Network (OS MasterMap)	11	8	12	-	-



49 >	6.2 >	Surface water features >	1	8	6	-	-
49 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
50 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
50 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
51 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
52 >	7.2 >	Historical Flood Events >	0	1	0	-	-
52 >	7.3 >	Flood Defences >	0	0	0	-	-
52 >	7.4 >	Areas Benefiting from Flood Defences >	1	0	5	-	-
53 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
54 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
55 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
56 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
58 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
59 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
60 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
60 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
60 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
60 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
61 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
61 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	0
61 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
61 >	10.9 >	Forest Parks >	0	0	0	0	0
62 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
62 >	10.11 >	Green Belt >	0	0	0	0	0
62 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



62 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
62 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
63 >	10.15 >	Nitrate Sensitive Areas >	0	0	0	0	1
63 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	3
64 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
65 >	10.18 >	SSSI Units >	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	11.1 >	World Heritage Sites >	0	0	0	-	-
66 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
66 >	11.3 >	National Parks >	0	0	0	-	-
66 >	11.4 >	Listed Buildings >	0	0	0	-	-
67 >	11.5 >	Conservation Areas >	0	0	0	-	-
67 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
67 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
68 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
69 >	12.2 >	Open Access Land >	0	0	0	-	-
69 >	12.3 >	Tree Felling Licences >	0	0	0	-	-
69 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
70 >	12.5 >	Countryside Stewardship Schemes >	2	2	3	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
71 >	13.1 >	Priority Habitat Inventory >	1	1	0	-	-
72 >	13.2 >	Habitat Networks >	0	0	1	-	-
72 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
72 >	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
73 >	14.1 >	10k Availability >	Identified (within 500m)				
74 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
75 >	14.3 >	Superficial geology (10k) >	1	2	0	4	-

76 >	14.4 >	Landslip (10k) >	0	0	0	0	-
77 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
78 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
79 >	15.1 >	50k Availability >	Identified (within 500m)				
80 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
80 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
81 >	15.4 >	Superficial geology (50k) >	1	2	1	3	-
82 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
82 >	15.6 >	Landslip (50k) >	0	0	0	0	-
82 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
83 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
84 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
84 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	16.1 >	BGS Boreholes >	0	2	1	-	-
Page	Section	Natural ground subsidence >					
87 >	17.1 >	Shrink swell clays >	Low (within 50m)				
89 >	17.2 >	Running sands >	Low (within 50m)				
91 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
93 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
94 >	17.5 >	Landslides >	Very low (within 50m)				
95 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	18.1 >	Natural cavities >	0	0	0	0	-
98 >	18.2 >	BritPits >	0	0	1	0	-
98 >	18.3 >	Surface ground workings >	0	2	3	-	-
99 >	18.4 >	Underground workings >	0	0	0	0	2
99 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



99 >	18.6 >	Non-coal mining >	0	0	0	0	0
99 >	18.7 >	Mining cavities >	0	0	0	0	0
100 >	18.8 >	JPB mining areas >	None (within 0m)				
100 >	18.9 >	Coal mining >	Identified (within 0m)				
100 >	18.10 >	Brine areas >	None (within 0m)				
100 >	18.11 >	Gypsum areas >	None (within 0m)				
100 >	18.12 >	Tin mining >	None (within 0m)				
101 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	Radon >					
102 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
104 >	20.1 >	BGS Estimated Background Soil Chemistry >	9	4	-	-	-
105 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
105 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
106 >	21.1 >	Underground railways (London) >	0	0	0	-	-
106 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
106 >	21.3 >	Railway tunnels >	0	0	0	-	-
106 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
106 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
107 >	21.6 >	Historical railways >	0	0	0	-	-
107 >	21.7 >	Railways >	0	0	0	-	-
107 >	21.8 >	Crossrail 1 >	0	0	0	0	-
107 >	21.9 >	Crossrail 2 >	0	0	0	0	-
107 >	21.10 >	HS2 >	0	0	0	0	-



Recent aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 24/06/2020

Site Area: 39.18ha



Recent site history - 2017 aerial photograph

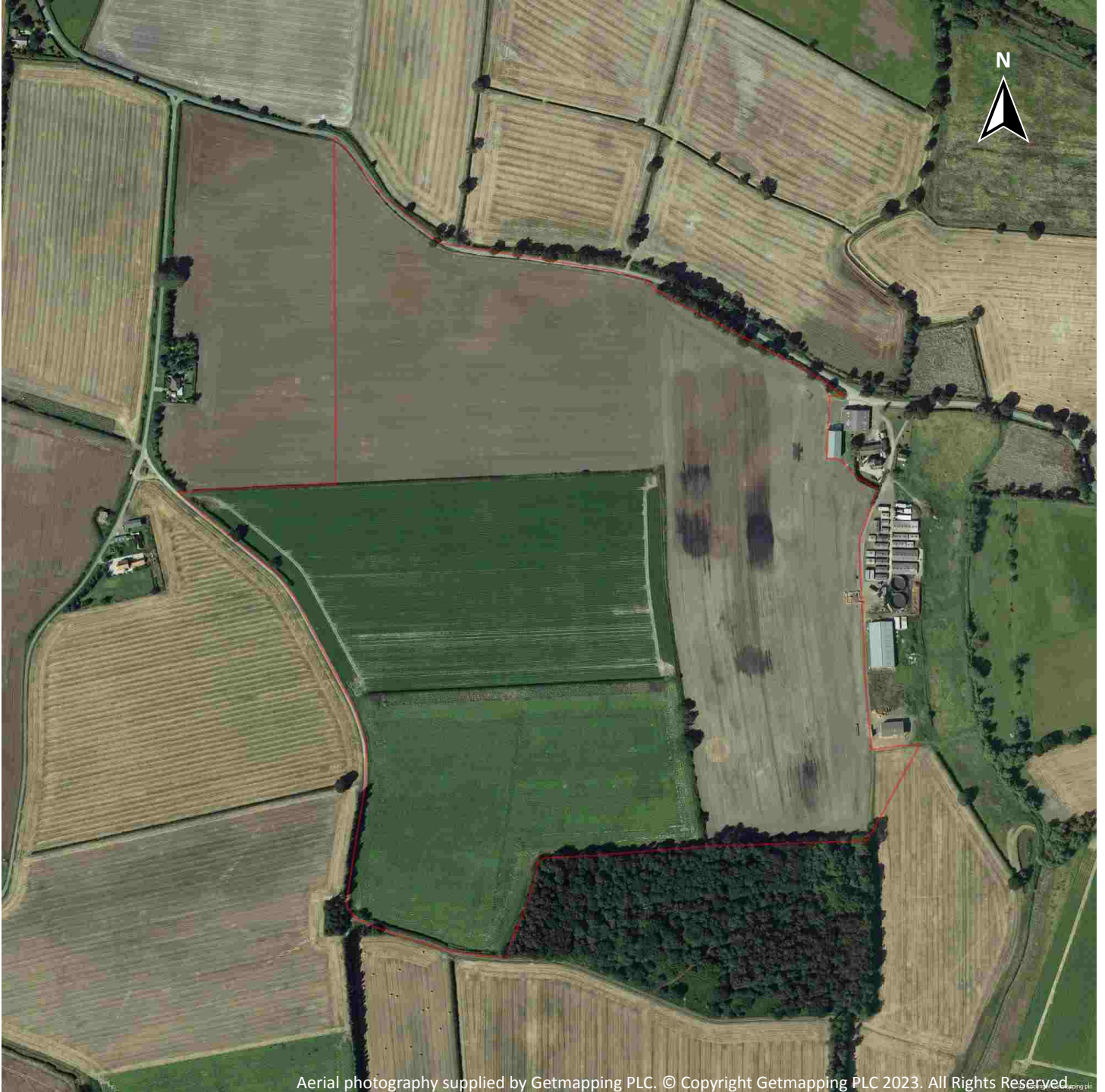


Capture Date: 19/09/2017

Site Area: 39.18ha



Recent site history - 2007 aerial photograph



Capture Date: 24/08/2007

Site Area: 39.18ha



Recent site history - 1999 aerial photograph



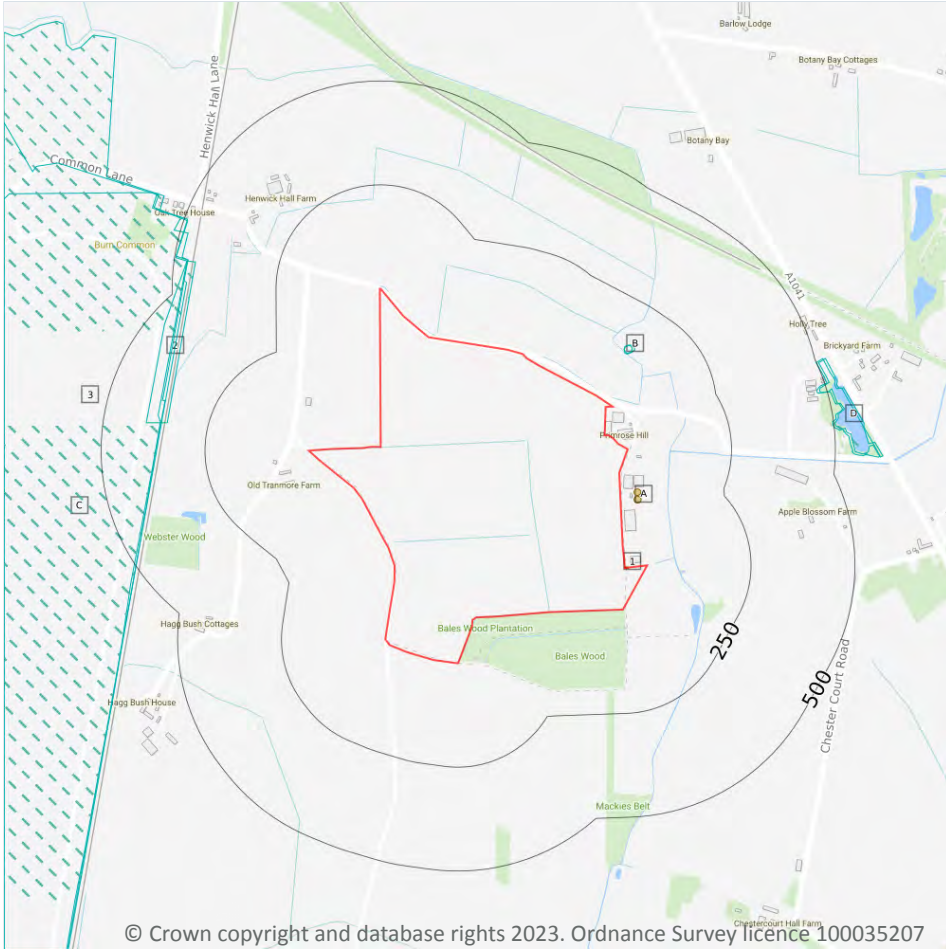
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 03/05/1999

Site Area: 39.18ha





1 Past land use



Site Outline

Search buffers in metres (m)

-  Historical industrial land uses
-  Historical tanks

1.1 Historical industrial land uses

Records within 500m **8**

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 12 >](#)

ID	Location	Land use	Dates present	Group ID
B	123m NE	Sand Pit	1950	1491541

ID	Location	Land use	Dates present	Group ID
B	125m NE	Sand Pit	1908	1460221
2	347m W	Railway Sidings	1950	1409588
3	361m W	Disused Airfield	1973	1542498
C	362m W	Airfield	1950	1420337
C	364m W	Disused Airfield	1950	1491619
D	477m E	Old Clay Pits	1908 - 1950	1466107
D	483m E	Old Clay Pits	1950	1547971

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

3

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 12 >](#)

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Tank	1995	227771
A	33m E	Unspecified Tank	1996	227773
A	33m E	Unspecified Tank	1996	227772

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.



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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

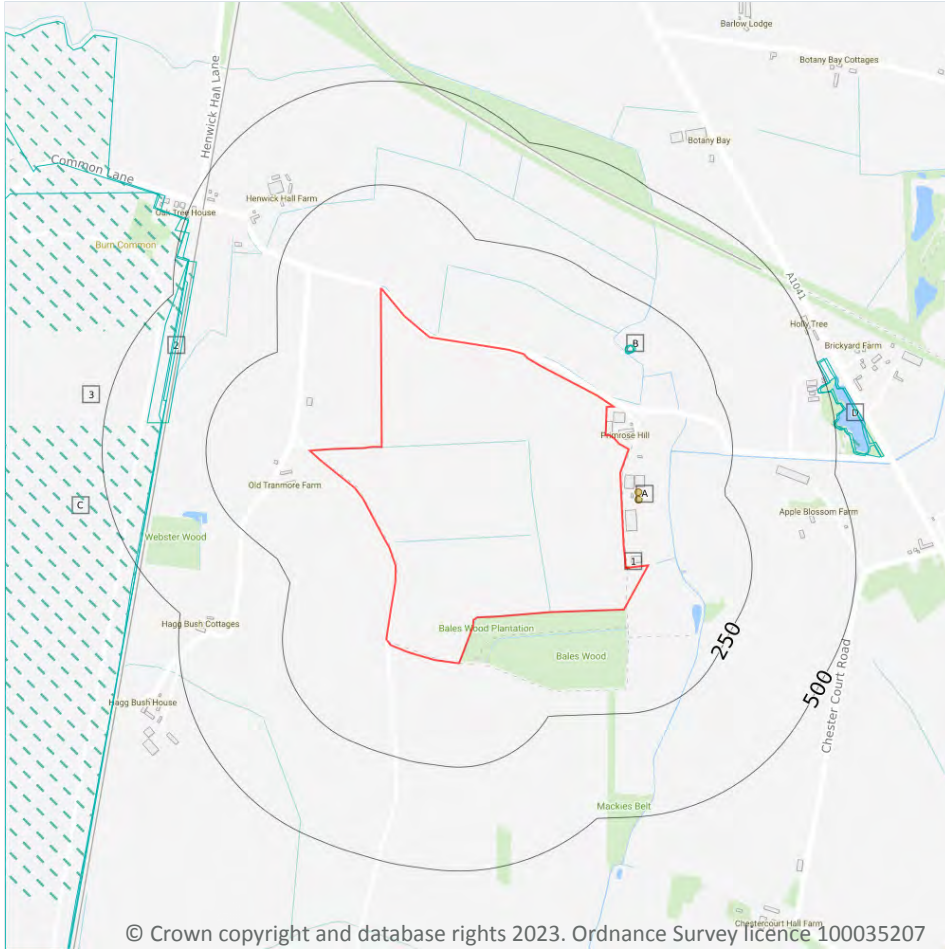
0

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



2.1 Historical industrial land uses

Records within 500m

10

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 15](#) >

ID	Location	Land Use	Date	Group ID
B	123m NE	Sand Pit	1950	1491541
B	125m NE	Sand Pit	1908	1460221
B	129m NE	Sand Pit	1950	1491541

ID	Location	Land Use	Date	Group ID
2	347m W	Railway Sidings	1950	1409588
3	361m W	Disused Airfield	1973	1542498
C	362m W	Airfield	1950	1420337
C	364m W	Disused Airfield	1950	1491619
D	477m E	Old Clay Pits	1908	1466107
D	477m E	Old Clay Pits	1950	1466107
D	483m E	Old Clay Pits	1950	1547971

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

3

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 15 >](#)

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Tank	1995	227771
A	33m E	Unspecified Tank	1996	227773
A	33m E	Unspecified Tank	1996	227772

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

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

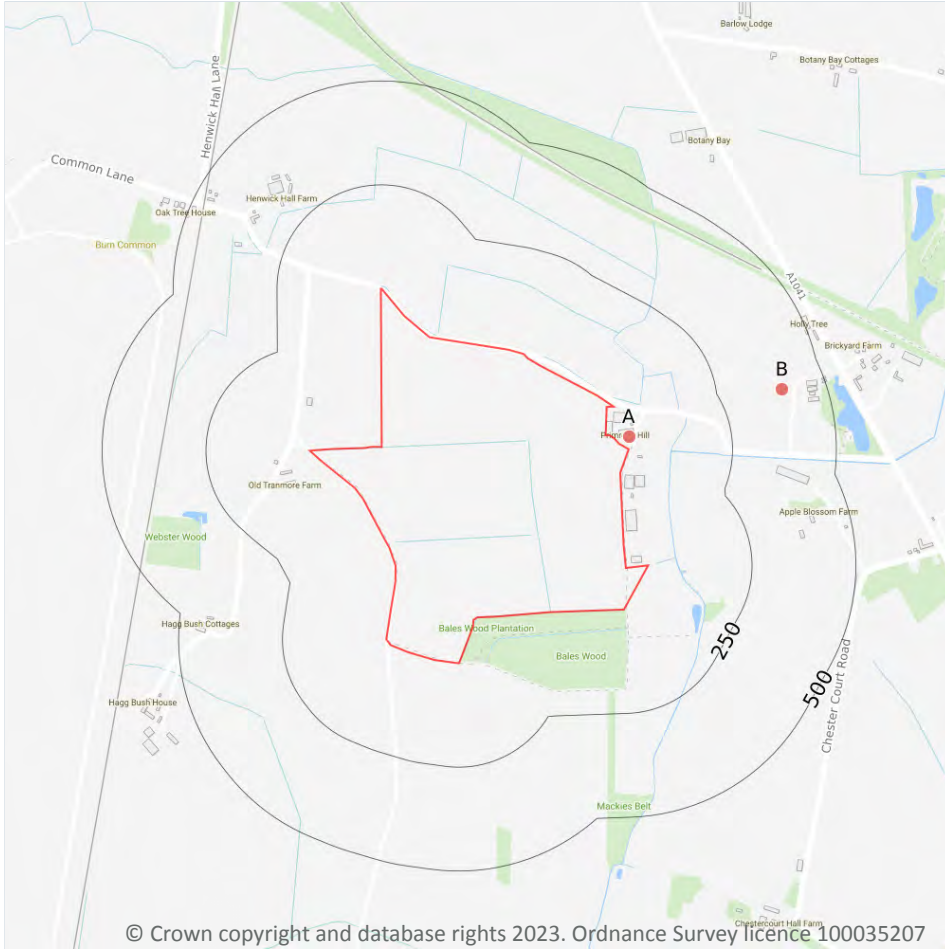
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Waste exemptions

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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

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

15

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 18 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from a portable sanitary convenience
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultural Waste Only	Crushing and emptying waste vehicle oil filters
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultural Waste Only	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste in a biobed or biofilter
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultural Waste Only	Recovery of scrap metal
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultural Waste Only	Use of mulch
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	25m E	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultural Waste Only	Burning of waste as a fuel in a small appliance

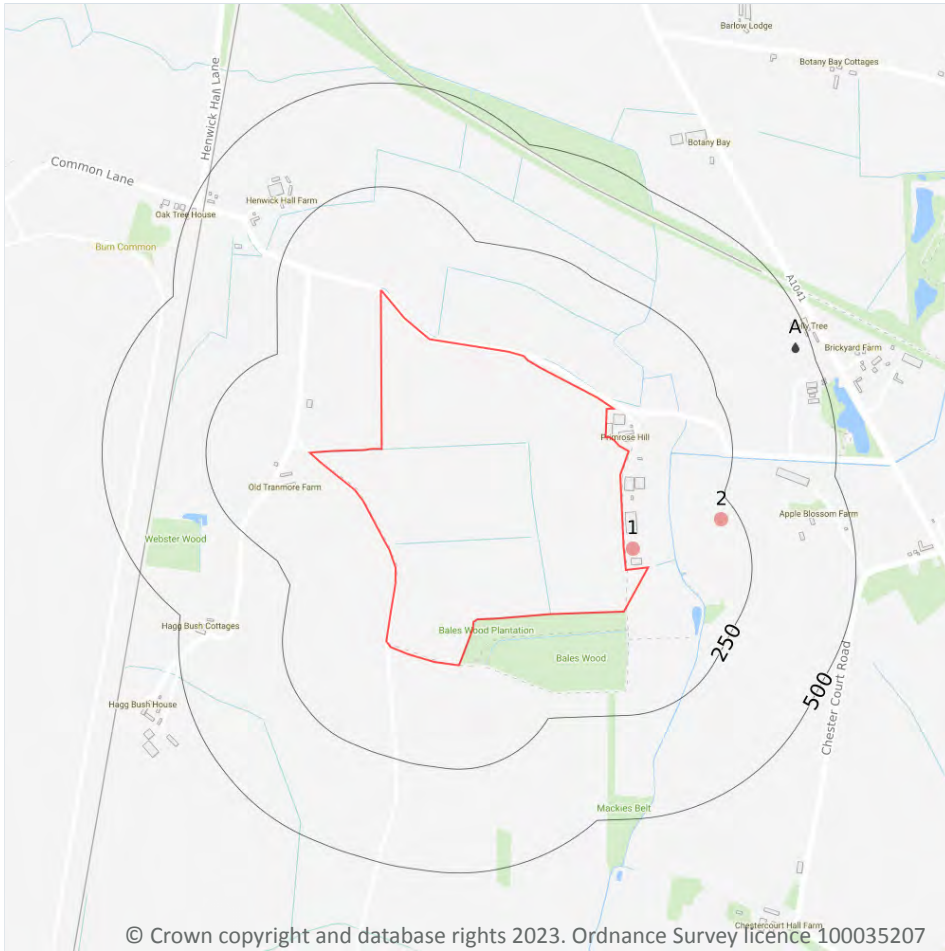


ID	Location	Site	Reference	Category	Sub-Category	Description
B	395m E	-	WEX312205	Using waste exemption	Not on a Farm	Use of waste in construction
B	395m E	-	WEX324062	Treating waste exemption	Not on a Farm	Screening and blending of waste

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
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m

2

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 22](#) >

ID	Location	Company	Address	Activity	Category
1	21m E	Solar Panels	North Yorkshire, YO8	Energy Production	Industrial Features
2	211m E	Wind Turbine	North Yorkshire, YO8	Energy Production	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

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

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

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

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

0

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

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

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

2

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 22 >](#)

ID	Location	Address	Details	
A	461m NE	BRICKYARD FARM, CAMBLEFORTH ROAD, NEAR SELBY, NORTH YORKSHIRE, YO8 8NB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 292 Permit Version: 1 Receiving Water: DITCH TO LENDAL DRAIN	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/10/1954 Effective Date: 27/10/1954 Revocation Date: -
A	461m NE	BRICKYARD FARM, CAMBLEFORTH ROAD, NEAR SELBY, NORTH YORKSHIRE, YO8 8NB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 292 Permit Version: 1 Receiving Water: DITCH TO LENDAL DRAIN	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 27/10/1954 Effective Date: 27/10/1954 Revocation Date: -

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

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

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

4.19 Pollution inventory substances

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

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

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

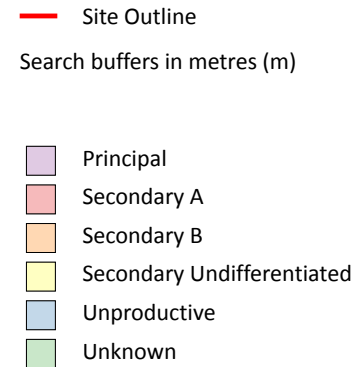
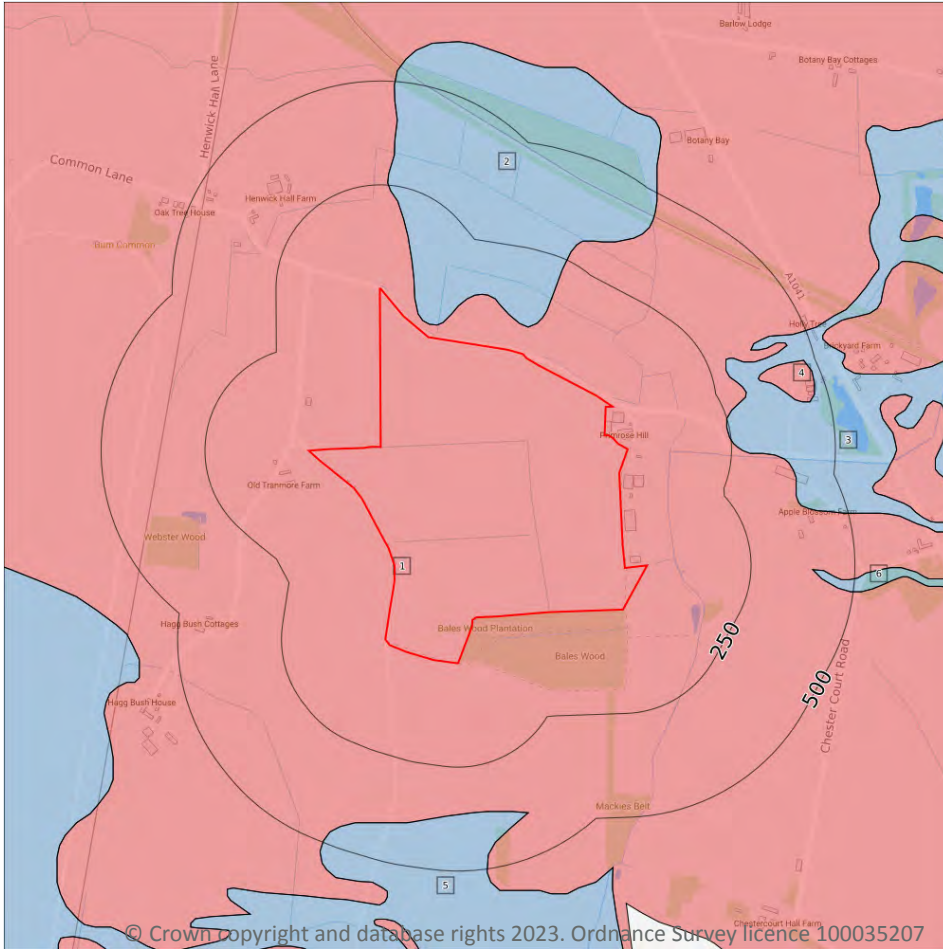
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

6

Aquifer status of groundwater held within superficial geology.

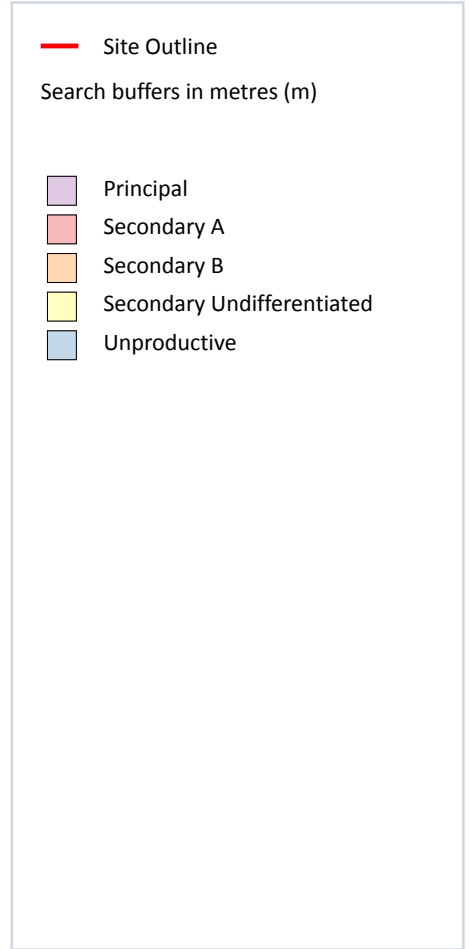
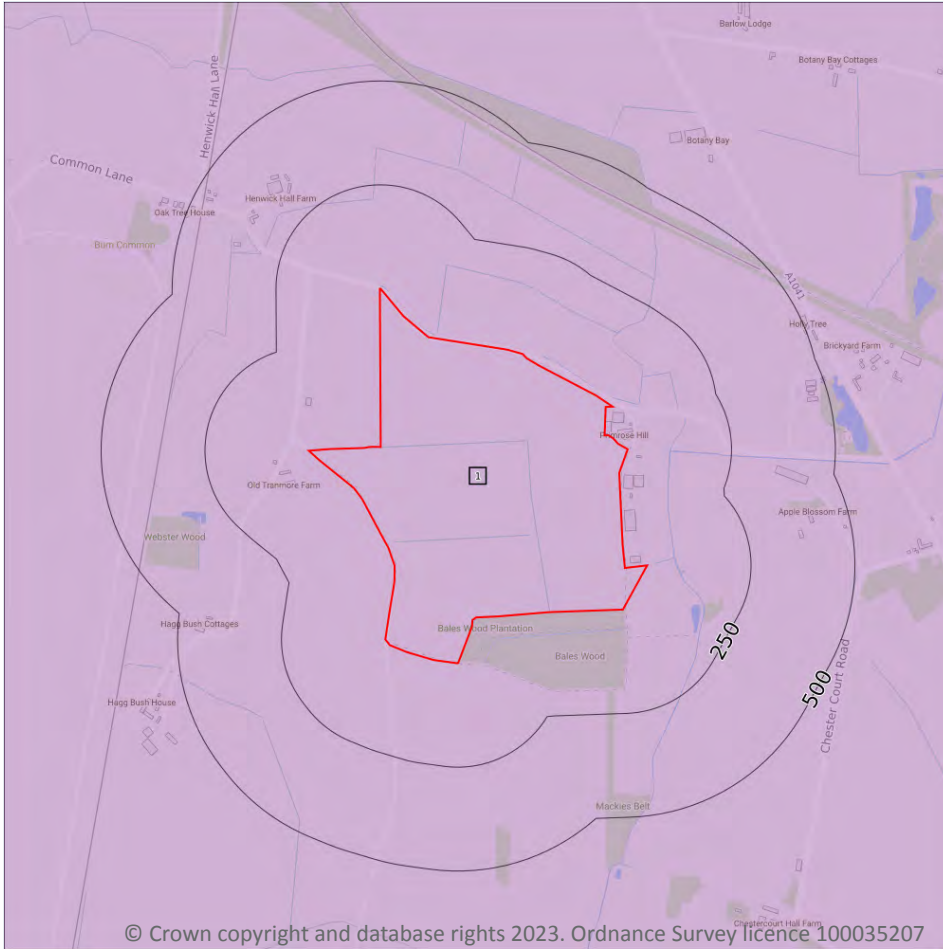
Features are displayed on the Hydrogeology map on [page 28](#) >

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	22m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
3	244m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	357m 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
5	362m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	399m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

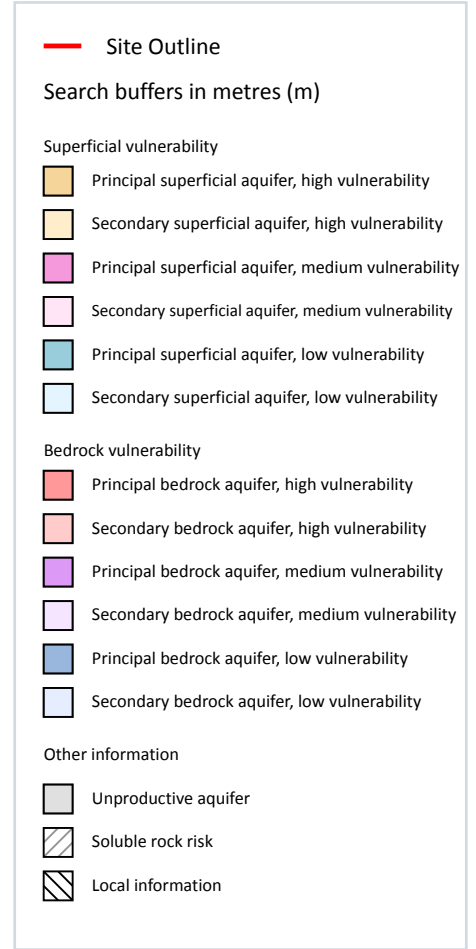
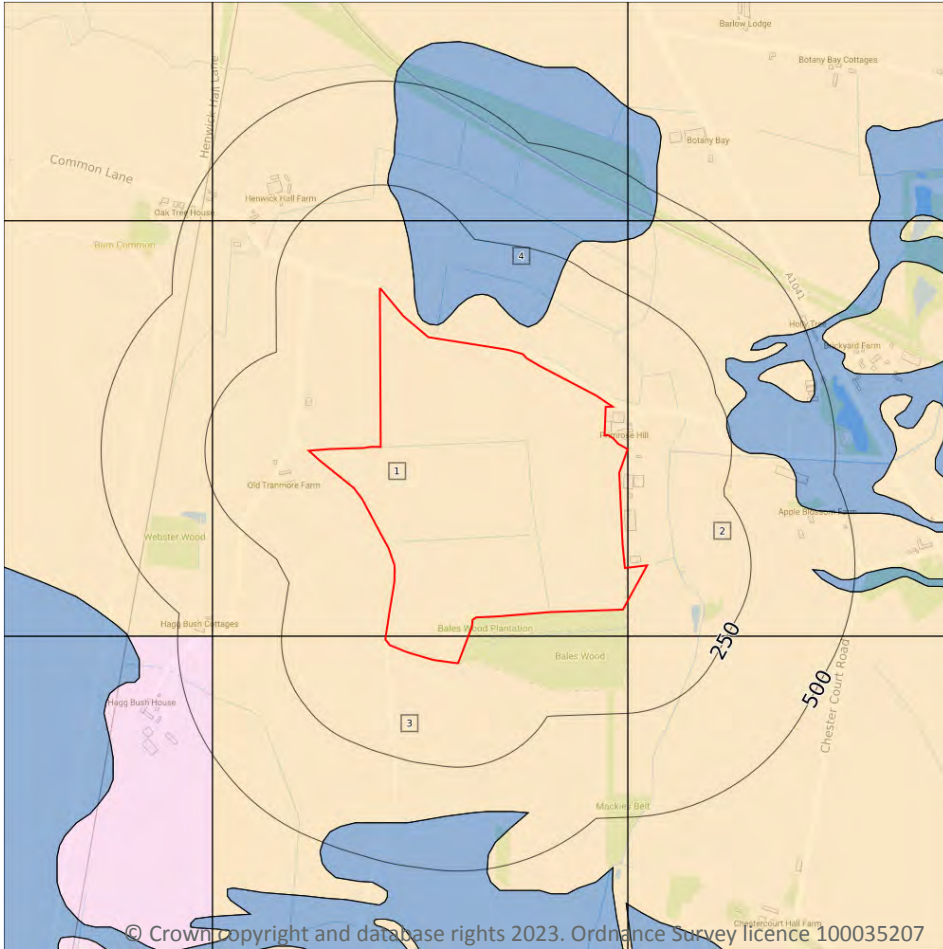
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 30](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

4

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 31](#) >

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	21m N	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

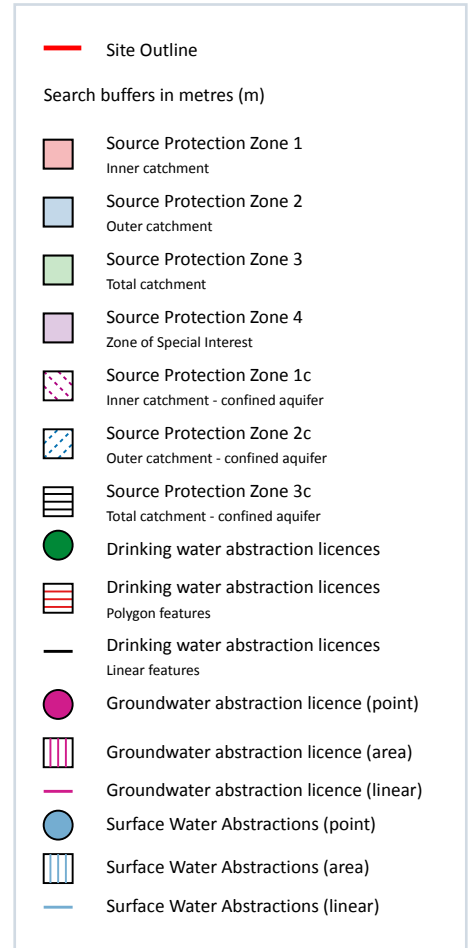
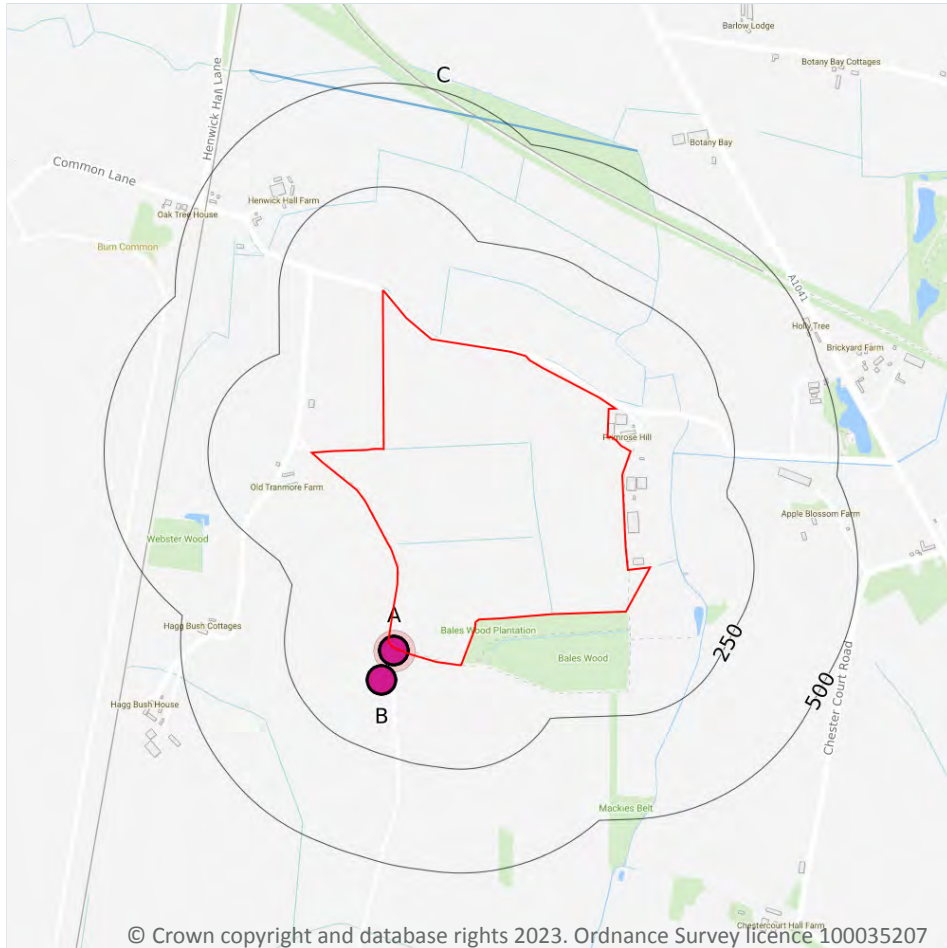
0

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



5.6 Groundwater abstractions

Records within 2000m

32

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 33 >](#)

ID	Location	Details	
A	6m SW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
A	6m SW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
A	6m SW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
A	6m SW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -



ID	Location	Details	
A	6m SW	Status: Active Licence No: 2/27/24/300/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
A	6m SW	Status: Active Licence No: 2/27/24/300/R01 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
B	82m SW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
B	82m SW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
B	82m SW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -



ID	Location	Details	
B	82m SW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1145m E	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1145m E	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1146m E	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -



ID	Location	Details	
-	1146m E	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	1146m E	Status: Active Licence No: 2/27/24/477/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1146m E	Status: Active Licence No: 2/27/24/477/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1146m E	Status: Active Licence No: 2/27/24/477/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	1154m N	Status: Active Licence No: NE/027/0024/063 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - MIDDLE LANE Data Type: Point Name: Staynor Farms Ltd Easting: 461306 Northing: 429987	Annual Volume (m ³): 53430 Max Daily Volume (m ³): 1200 Original Application No: NPS/WR/031062 Original Start Date: 10/07/2017 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 14/08/2019 Version End Date: -
-	1630m NE	Status: Historical Licence No: 2/27/24/478 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463160 Northing: 429660	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 5 Version Start Date: 29/07/2011 Version End Date: -
-	1634m NE	Status: Historical Licence No: 2/27/24/478 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463162 Northing: 429664	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 7 Version Start Date: 04/11/2013 Version End Date: -
-	1634m NE	Status: Active Licence No: 2/27/24/478/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463162 Northing: 429664	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: NPS/NA/001845 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -

ID	Location	Details	
-	1634m NE	Status: Active Licence No: 2/27/24/478/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463162 Northing: 429664	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: NPS/NA/001845 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1692m SE	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
-	1692m SE	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
-	1692m SE	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	1692m SE	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1692m SE	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1692m SE	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1719m SE	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -

ID	Location	Details	
-	1846m N	Status: Historical Licence No: 2/27/24/372 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: SELBY LIVESTOCK AUCTION MART LTD C/O MR PHILIP JAMES BARTLE Easting: 461750 Northing: 430650	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/1998 Expiry Date: - Issue No: 100 Version Start Date: 16/04/1998 Version End Date: -
-	1846m N	Status: Historical Licence No: 2/27/24/372 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BRAYTON Data Type: Point Name: SELBY LIVESTOCK AUCTION MART LTD Easting: 461750 Northing: 430650	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/1998 Expiry Date: - Issue No: 100 Version Start Date: 16/04/1998 Version End Date: -
-	1846m N	Status: Historical Licence No: 2/27/24/372 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BRAYTON Data Type: Point Name: SELBY LIVESTOCK AUCTION MART LTD Easting: 461750 Northing: 430650	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/04/1998 Expiry Date: - Issue No: 100 Version Start Date: 16/04/1998 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

12

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 33 >](#)



ID	Location	Details	
C	453m N	Status: Historical Licence No: NE/027/0024/002 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
C	453m N	Status: Active Licence No: NE/027/0024/002/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: NPS/NA/001840 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
C	453m N	Status: Active Licence No: NE/027/0024/002/R01 Details: Trickle Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: NPS/NA/001840 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1179m NW	Status: Historical Licence No: 2/27/24/290 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: BRITISH WATERWAYS Easting: 460600 Northing: 429700	Annual Volume (m ³): 40000 Max Daily Volume (m ³): 1364 Original Application No: - Original Start Date: 03/06/1994 Expiry Date: 30/09/2006 Issue No: 101 Version Start Date: 29/07/2002 Version End Date: -
-	1255m NW	Status: Active Licence No: 2/27/18/133/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: Canal and River Trust Easting: 457192 Northing: 426688	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 981.6 Original Application No: NPS/WR/018175 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
-	1277m NW	Status: Historical Licence No: 2/27/18/133 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: Canal and River Trust Easting: 457200 Northing: 426700	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 981.6 Original Application No: - Original Start Date: 13/03/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 21/01/2008 Version End Date: -
-	1445m NW	Status: Active Licence No: 2/27/24/464/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL - BRAYTON - SELBY Data Type: Line Name: Canal and River Trust Easting: 457088 Northing: 426420	Annual Volume (m ³): 40000 Max Daily Volume (m ³): 1270 Original Application No: NPS/WR/031892 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 25/11/2019 Version End Date: -
-	1473m NW	Status: Historical Licence No: 2/27/24/464/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL - BRAYTON - SELBY Data Type: Line Name: Canal and River Trust Easting: 458515 Northing: 428984	Annual Volume (m ³): 40000 Max Daily Volume (m ³): 1270 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 04/06/2018 Version End Date: -
-	1556m NW	Status: Historical Licence No: 2/27/24/290 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL- BURN -SELBY Data Type: Line Name: BRITISH WATERWAYS Easting: 461030 Northing: 430410	Annual Volume (m ³): 40000 Max Daily Volume (m ³): 1364 Original Application No: - Original Start Date: 03/06/1994 Expiry Date: 30/09/2006 Issue No: 101 Version Start Date: 29/07/2002 Version End Date: -
-	1559m NW	Status: Historical Licence No: 2/27/18/043 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL - BRAYTON - SELBY Data Type: Line Name: BRITISH WATERWAYS Easting: 458380 Northing: 428960	Annual Volume (m ³): 4109 Max Daily Volume (m ³): 11.26 Original Application No: - Original Start Date: 26/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/12/1996 Version End Date: -



ID	Location	Details	
-	1632m NW	Status: Historical Licence No: 2/27/18/102 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: BRITISH WATERWAYS Easting: 457200 Northing: 426700	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 981.6 Original Application No: - Original Start Date: 01/03/1998 Expiry Date: 30/09/2006 Issue No: 102 Version Start Date: 26/07/2002 Version End Date: -
-	1933m NW	Status: Historical Licence No: 2/27/18/102 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: BRITISH WATERWAYS BOARD Easting: 459280 Northing: 429390	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1998 Expiry Date: 30/09/2006 Issue No: 100 Version Start Date: 01/03/1998 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

1

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 33 >](#)

ID	Location	Type	Description
A	On site	1	Inner catchment

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

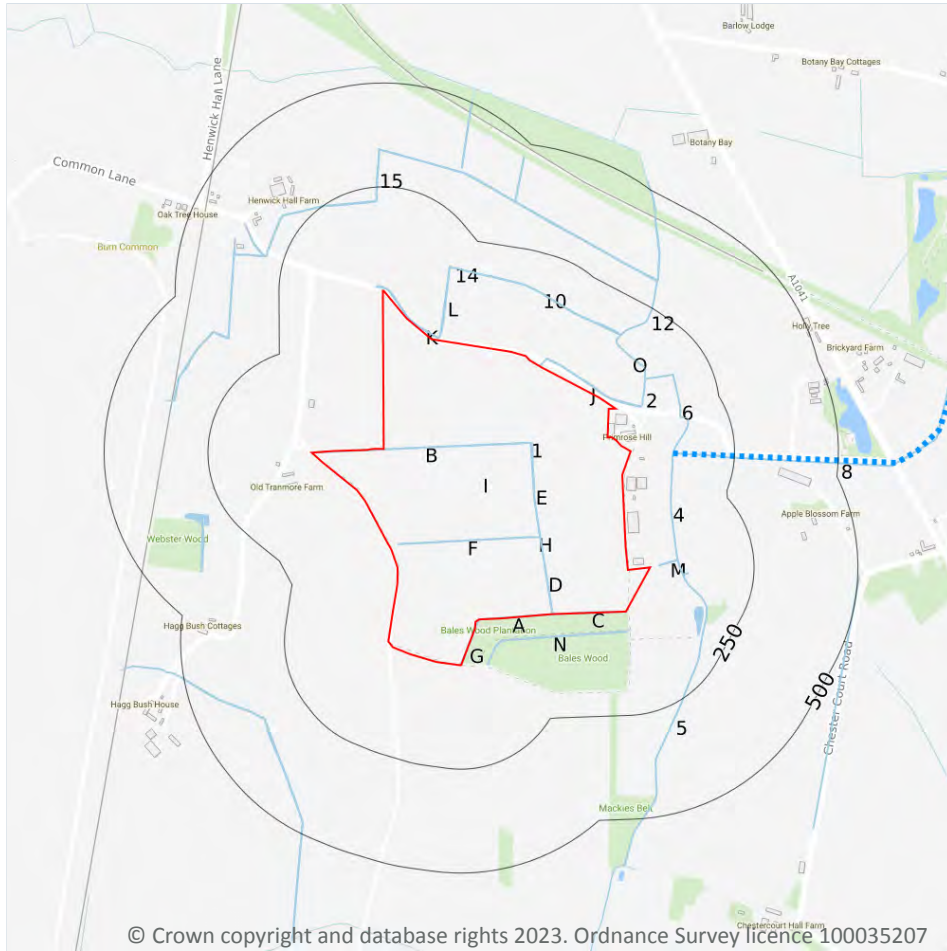
0

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

31

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 46 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
1	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
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	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.	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)	-
H	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	Underground	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	2m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	2m NW	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
K	3m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	4m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	5m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	20m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	47m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
2	61m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	68m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	68m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	81m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	81m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	101m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	101m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	103m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Common Drain



ID	Location	Type of water feature	Ground level	Permanence	Name
10	148m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	157m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	162m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
15	215m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	15
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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 46 >](#)

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 46 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
I	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Ouse Lower Yorkshire	Wharfe and Ouse Lower

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



6.4 WFD Surface water bodies

Records identified

1

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 46 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
7	102m E	River	Ouse from R Wharfe to Upper Humber	GB104027064270 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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

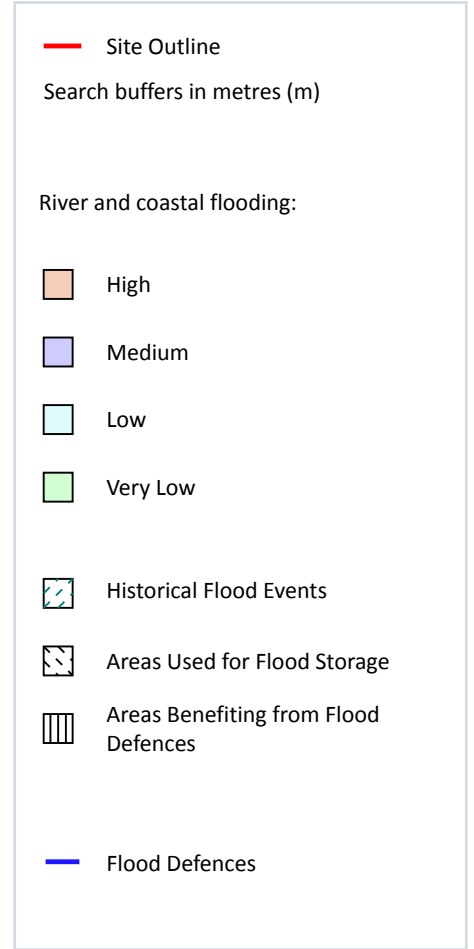
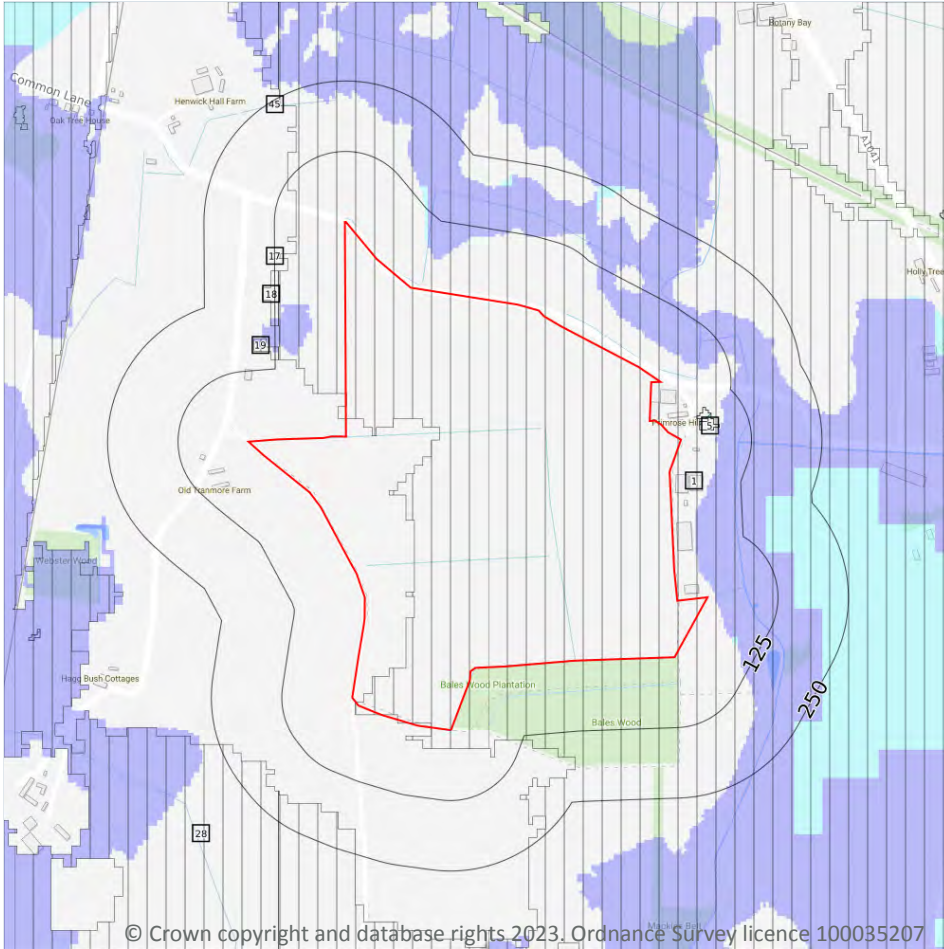
Features are displayed on the Hydrology map on [page 46 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
I	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

4

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 51](#) >

Distance	Flood risk category
On site	N/A
0 - 50m	Medium

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

7.2 Historical Flood Events

Records within 250m	1
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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 51 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
5	37m E	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data

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

7.3 Flood Defences

Records within 250m	0
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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	6
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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.

Features are displayed on the River and coastal flooding map on [page 51 >](#)

ID	Location	
1	On site	Area benefiting from flood defences
17	118m NW	Area benefiting from flood defences
18	119m NW	Area benefiting from flood defences
19	119m NW	Area benefiting from flood defences
28	187m SW	Area benefiting from flood defences
45	237m NW	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m

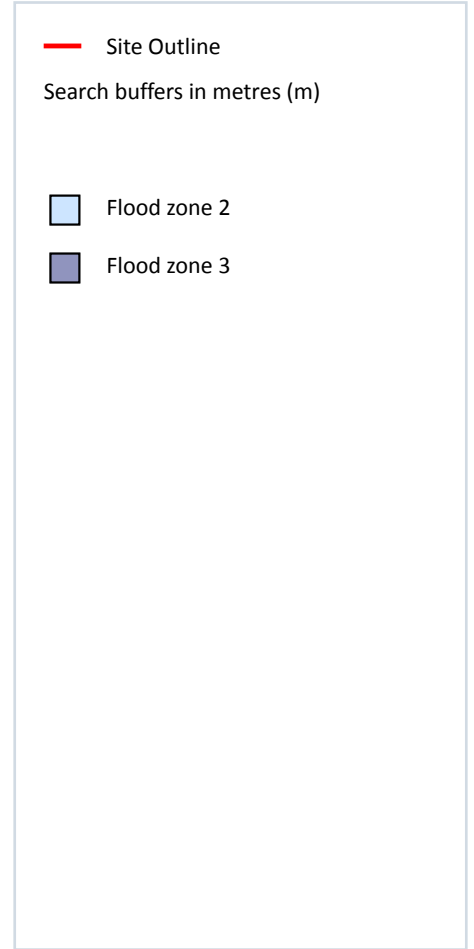
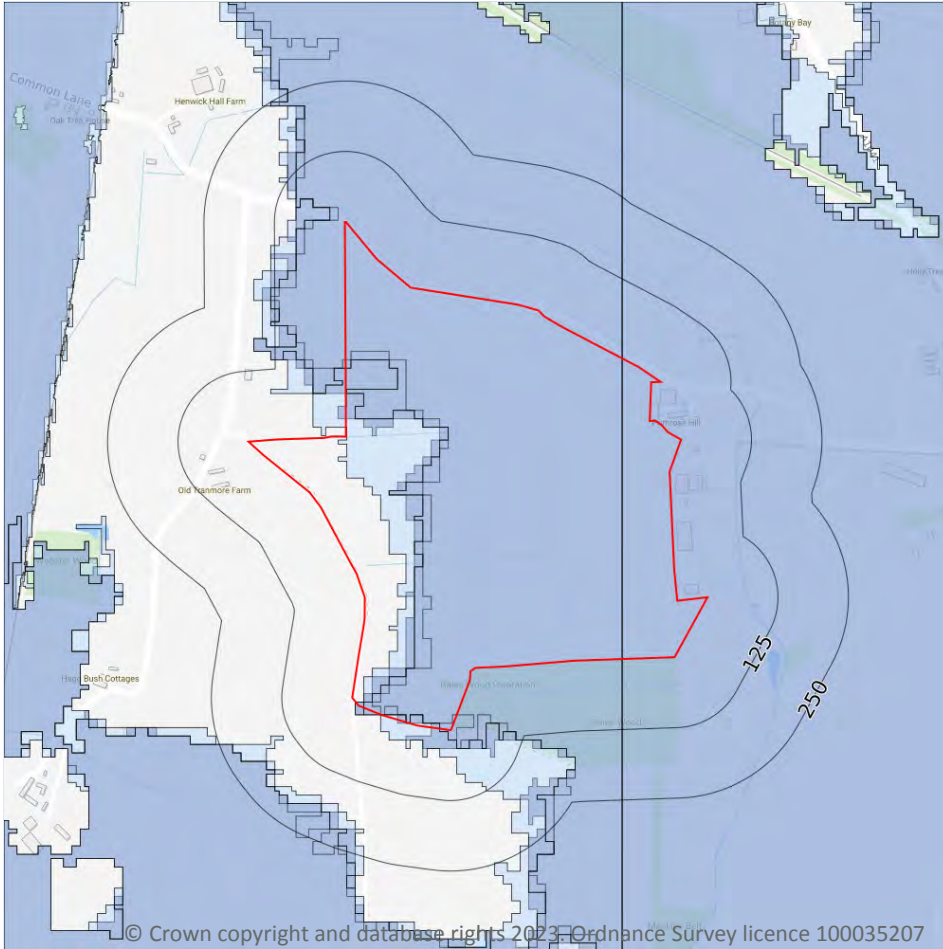
0

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



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 51](#) >

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

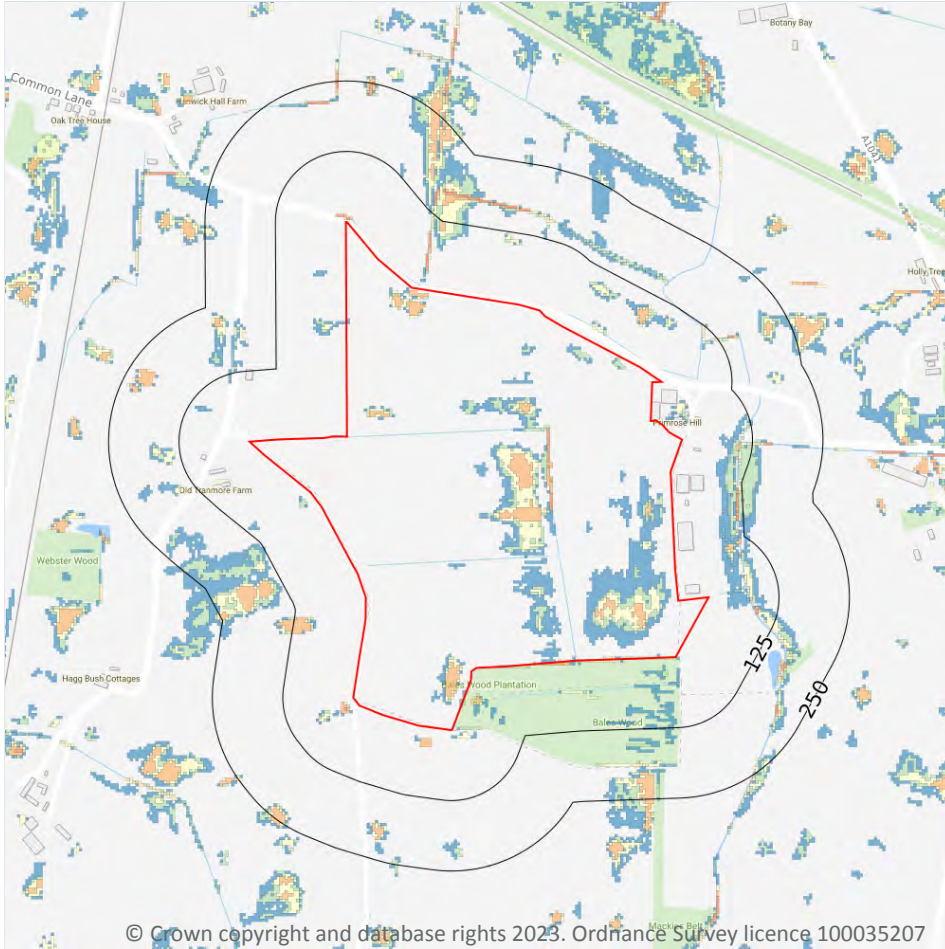
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 51](#) >

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Hagg Bush Cottages

1 in 30 year, 0.3m - 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 56](#) >

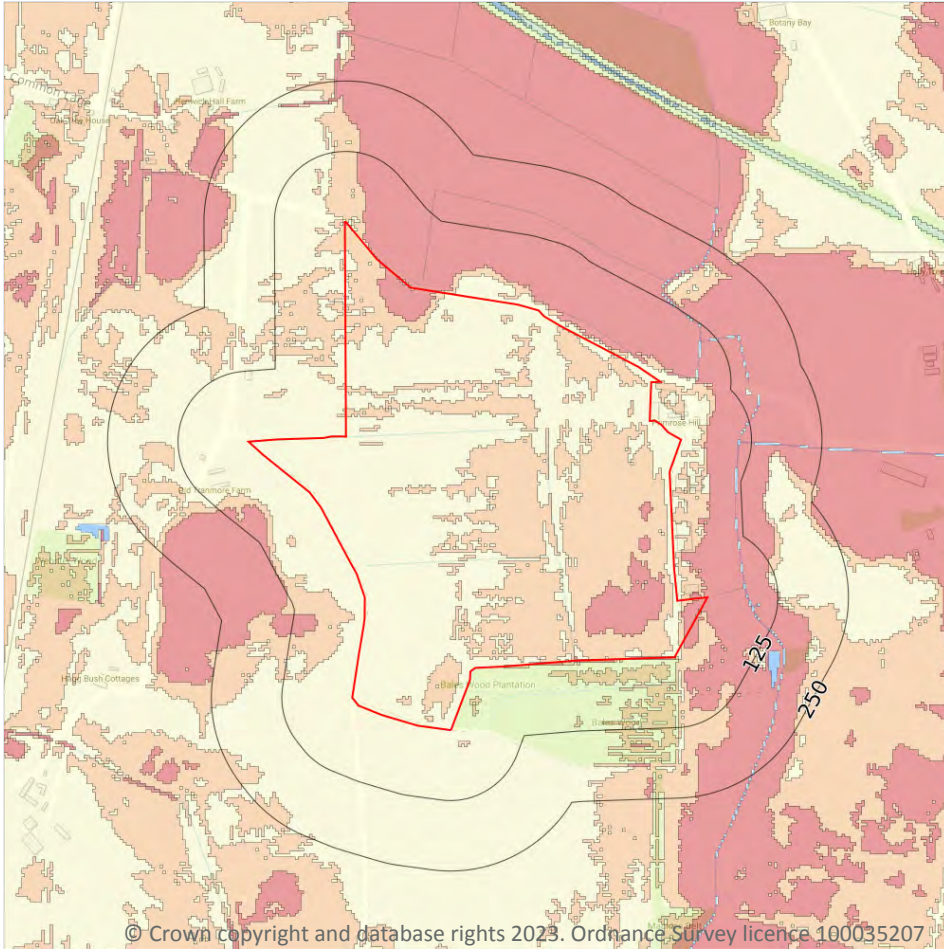
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



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9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

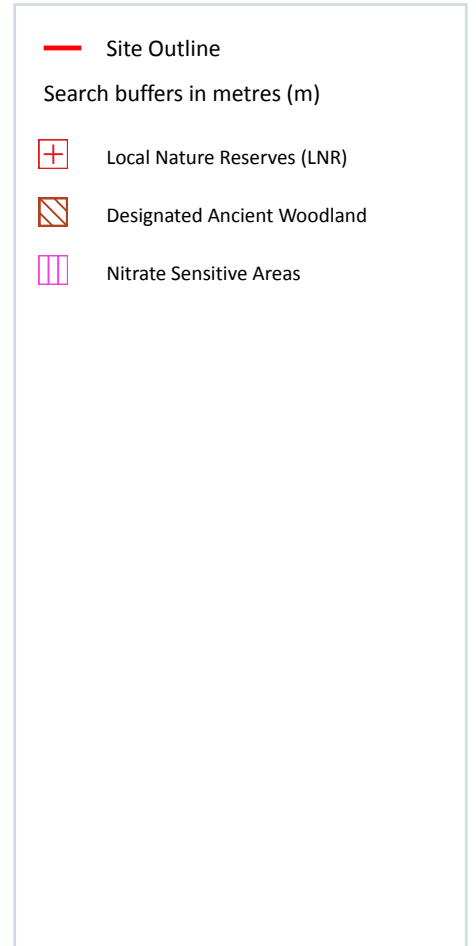
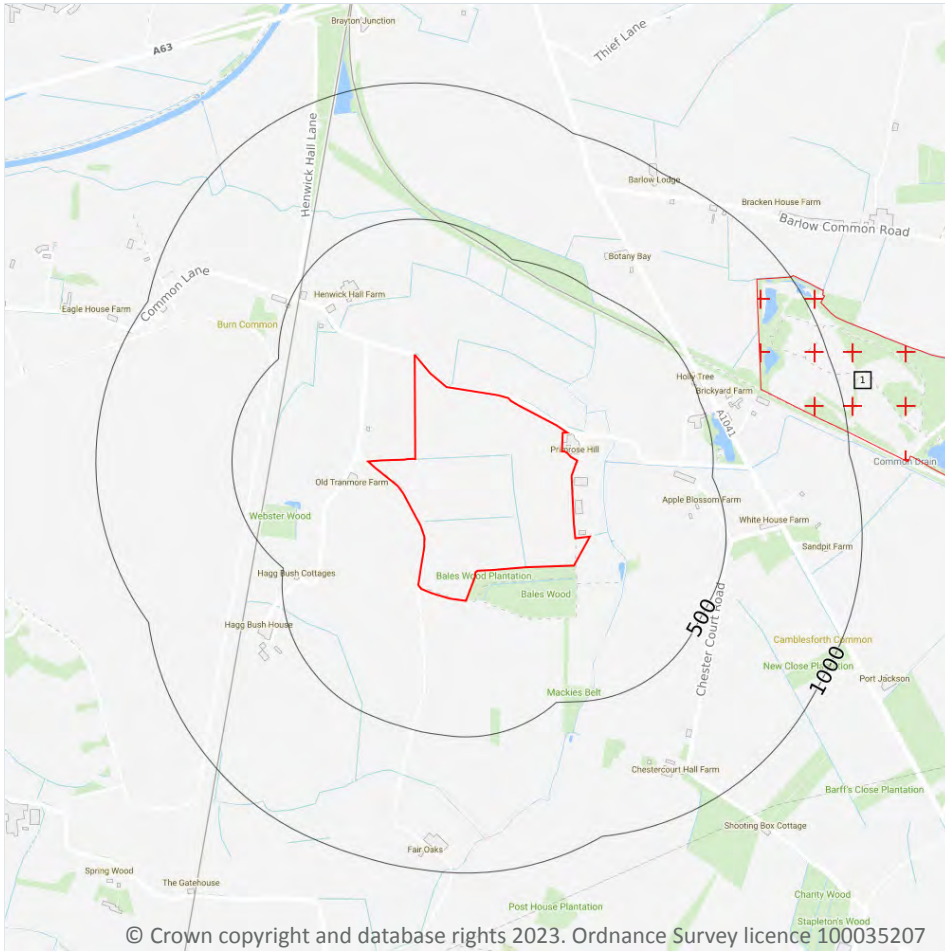
High

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 58](#) >

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

1

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.

Features are displayed on the Environmental designations map on [page 59 >](#)

ID	Location	Name	Data source
1	724m E	Barlow Common	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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.

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

1

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).

Features are displayed on the Environmental designations map on [page 59 >](#)

ID	Location	Name	Data source
-	1962m SE	Carlton	Natural England

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

4

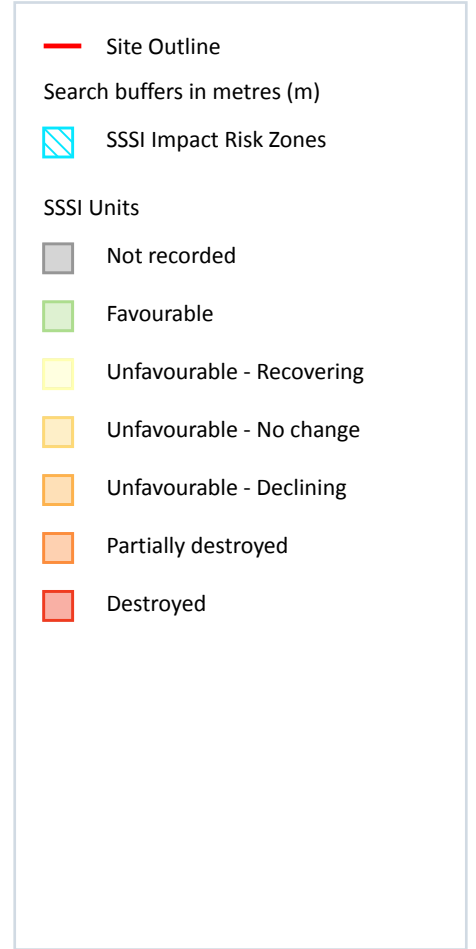
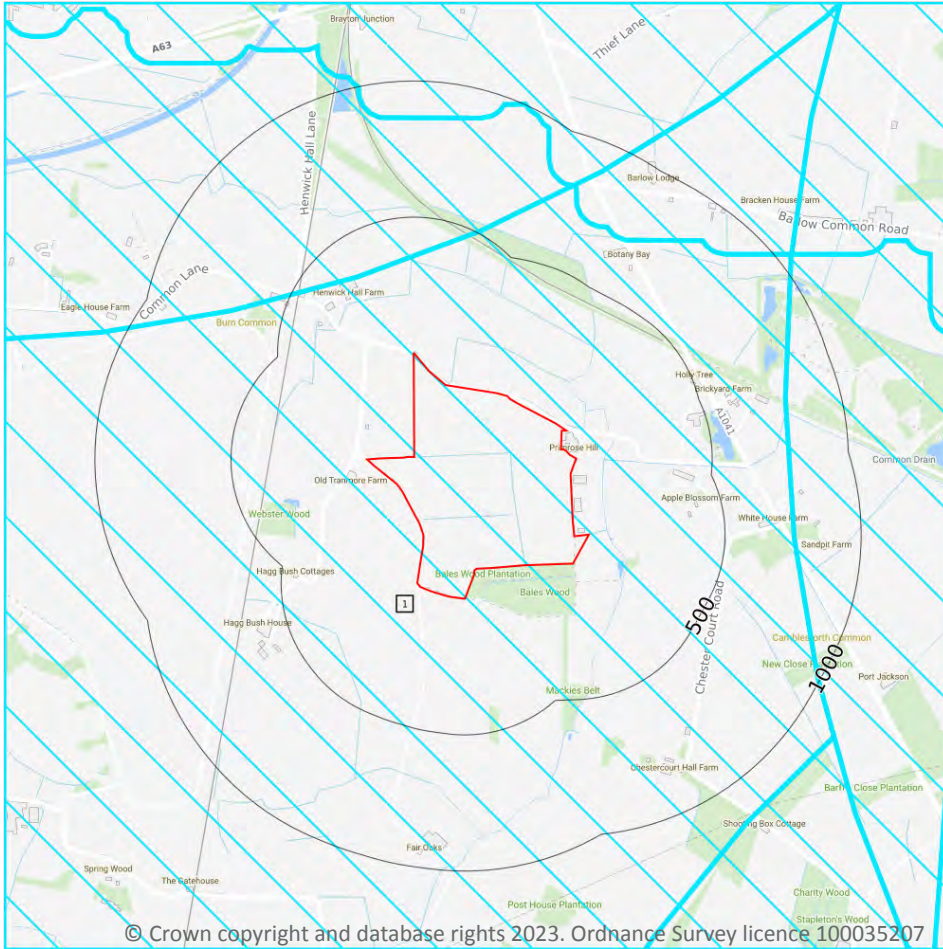
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
620m NW	The Fleet from Source to River Aire NVZ	Surface Water	272	Existing
1635m W	Brayton	Groundwater	107	Existing
1953m S	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

1

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 64](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m².</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.

10.18 SSSI Units

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

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.

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

11 Visual and cultural designations

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

0

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



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

11.5 Conservation Areas

Records within 250m

0

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.

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

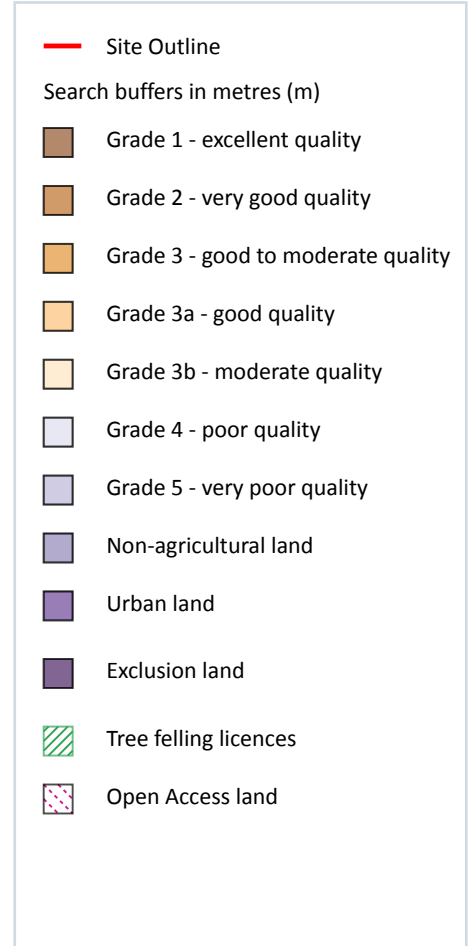
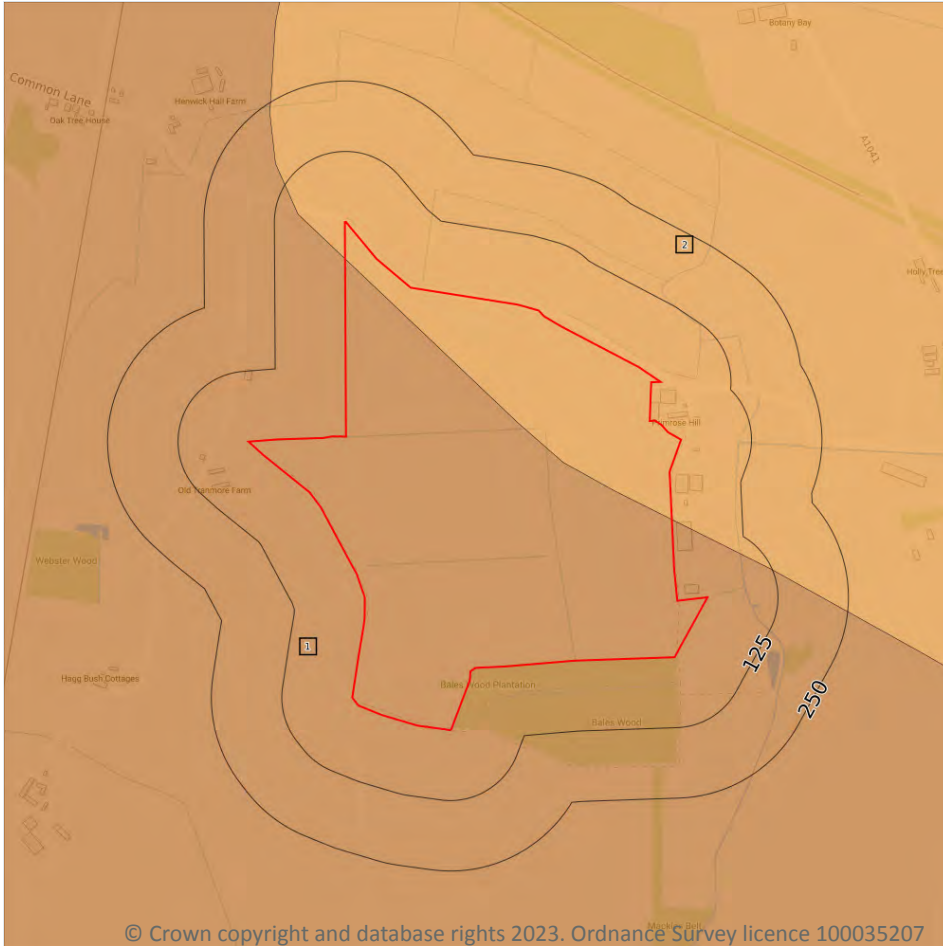
0

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



12.1 Agricultural Land Classification

Records within 250m

2

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 68](#) >

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

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

0

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.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m**7**

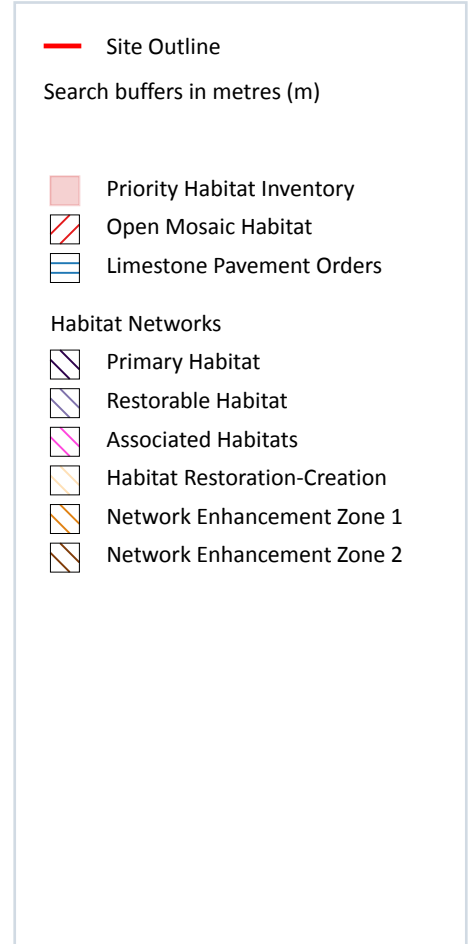
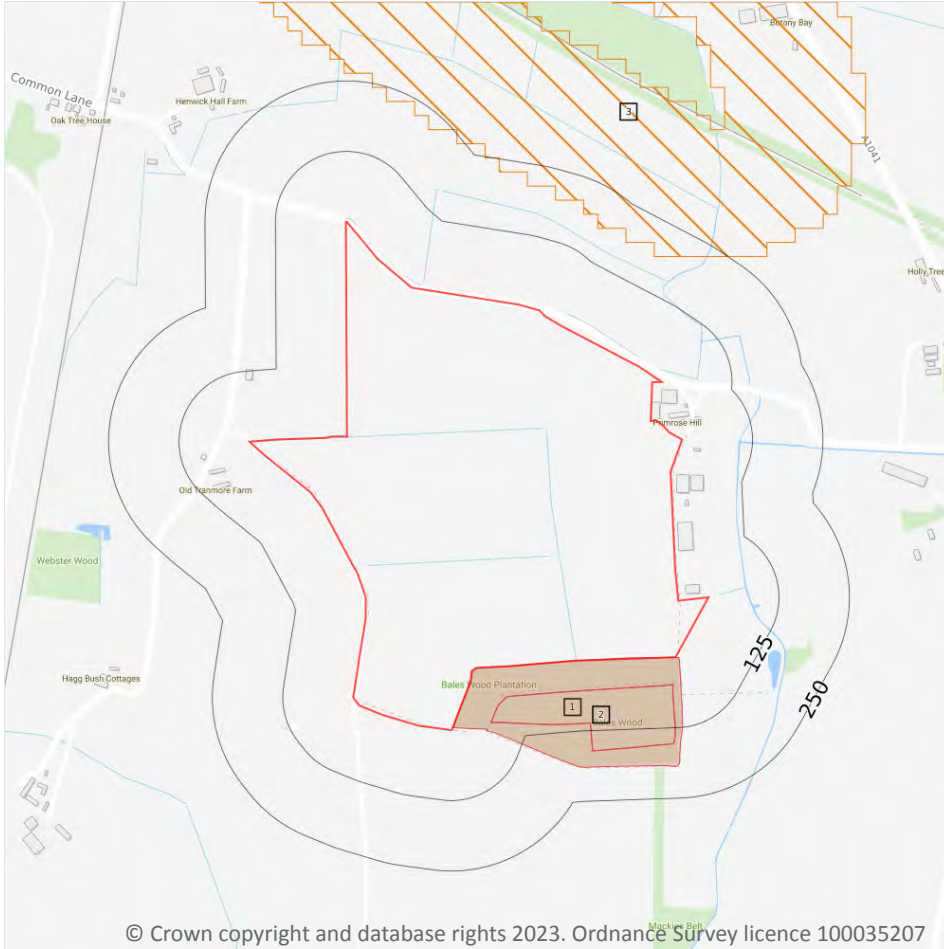
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
0m SW	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
10m SE	490731	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
57m W	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
60m NE	490731	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
181m SE	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

2

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 71 >](#)

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	48m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

1

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

Features are displayed on the Habitat designations map on [page 71](#) >

ID	Location	Type	Habitat
3	179m N	Network Enhancement Zone 1	Not specified

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

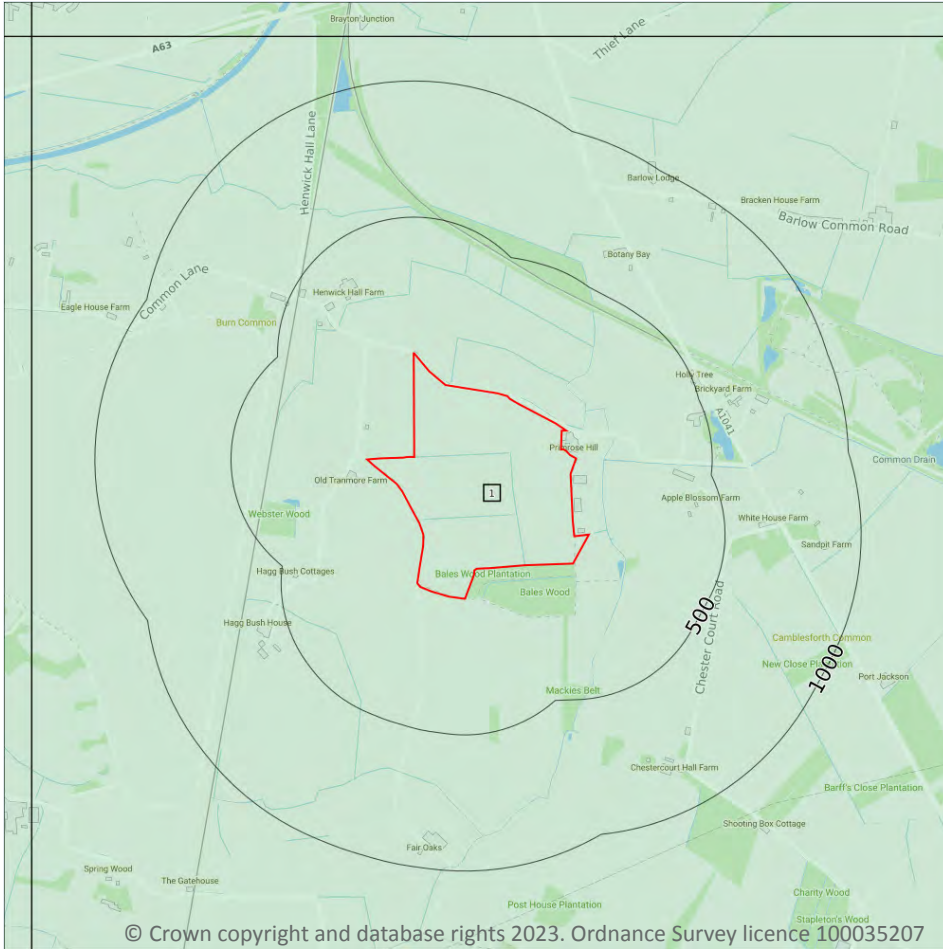
0

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

1

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 73](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NW

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

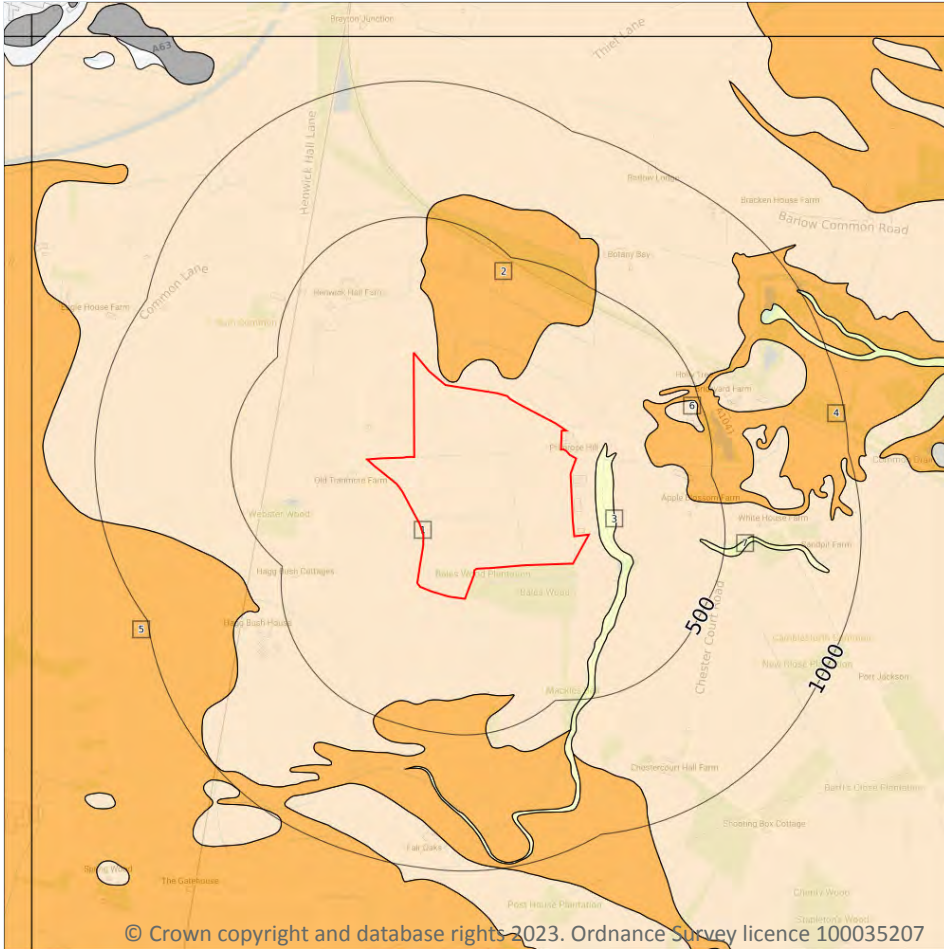
0


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

7

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 75 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	Brighton Sand Formation - Sand	Sand
2	15m N	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
3	39m SE	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
4	257m E	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty

ID	Location	LEX Code	Description	Rock description
5	354m S	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
6	369m E	BREI-S	Breighton Sand Formation - Sand	Sand
7	409m E	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

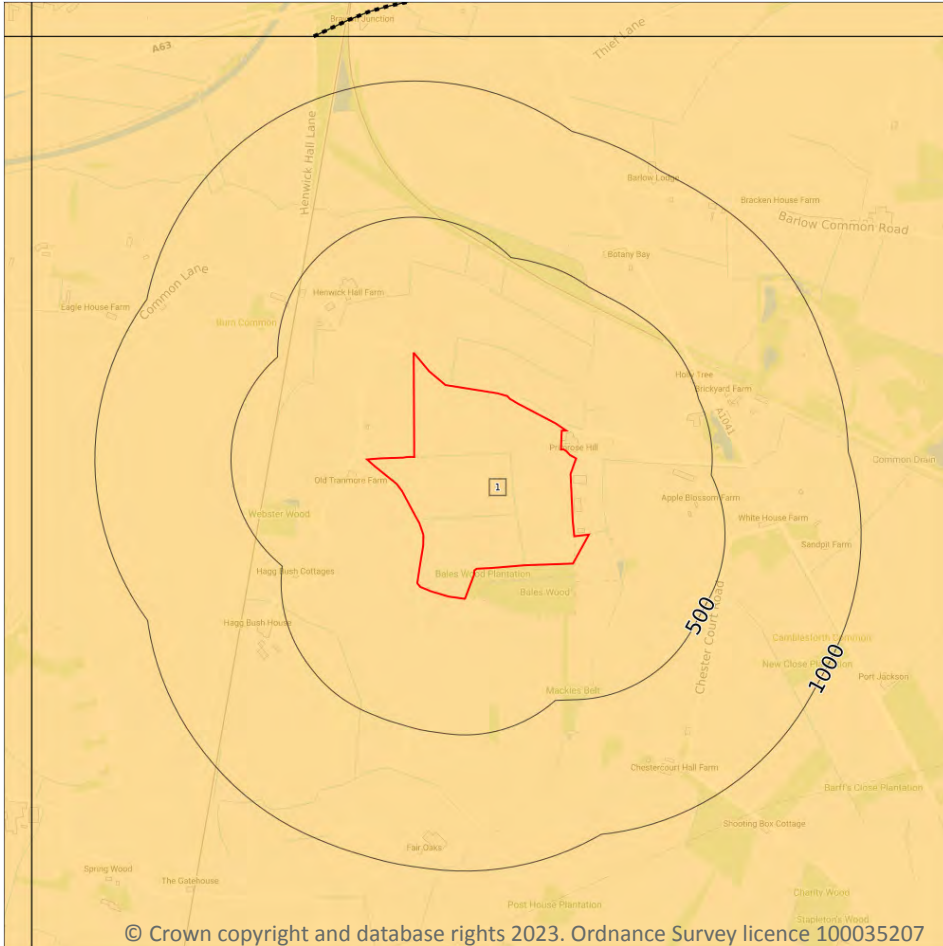
0

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

1

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 77](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

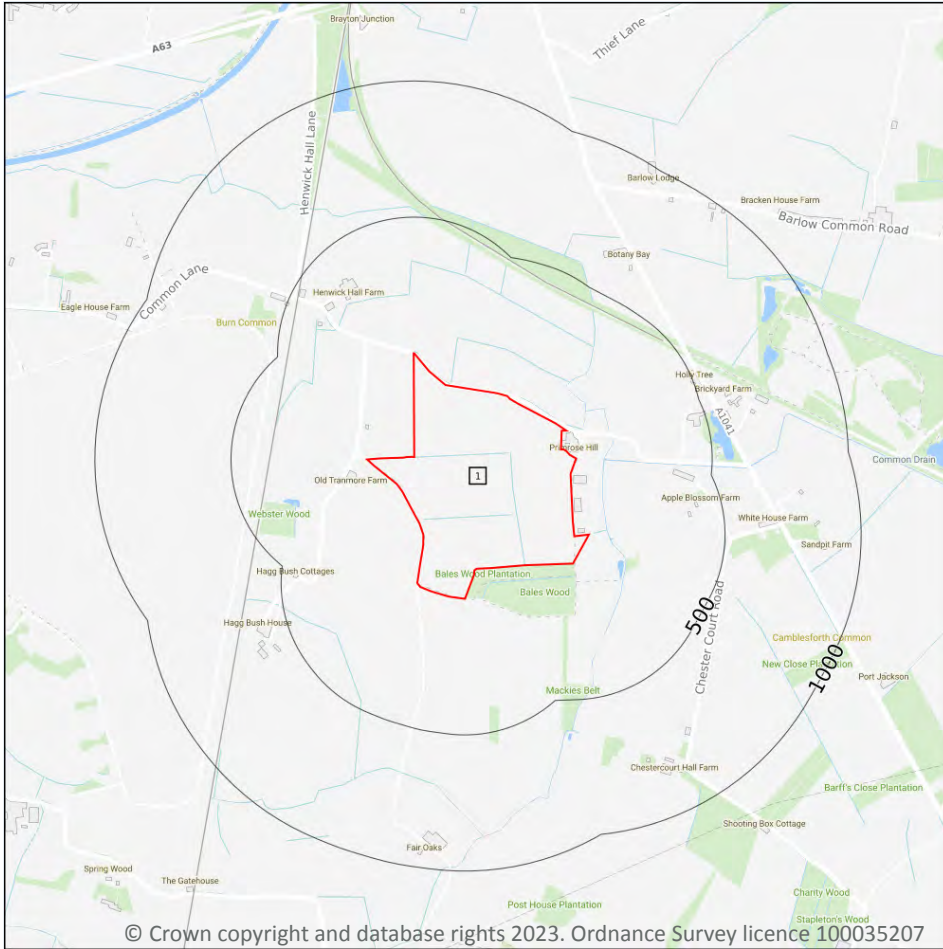
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— 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 79](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_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

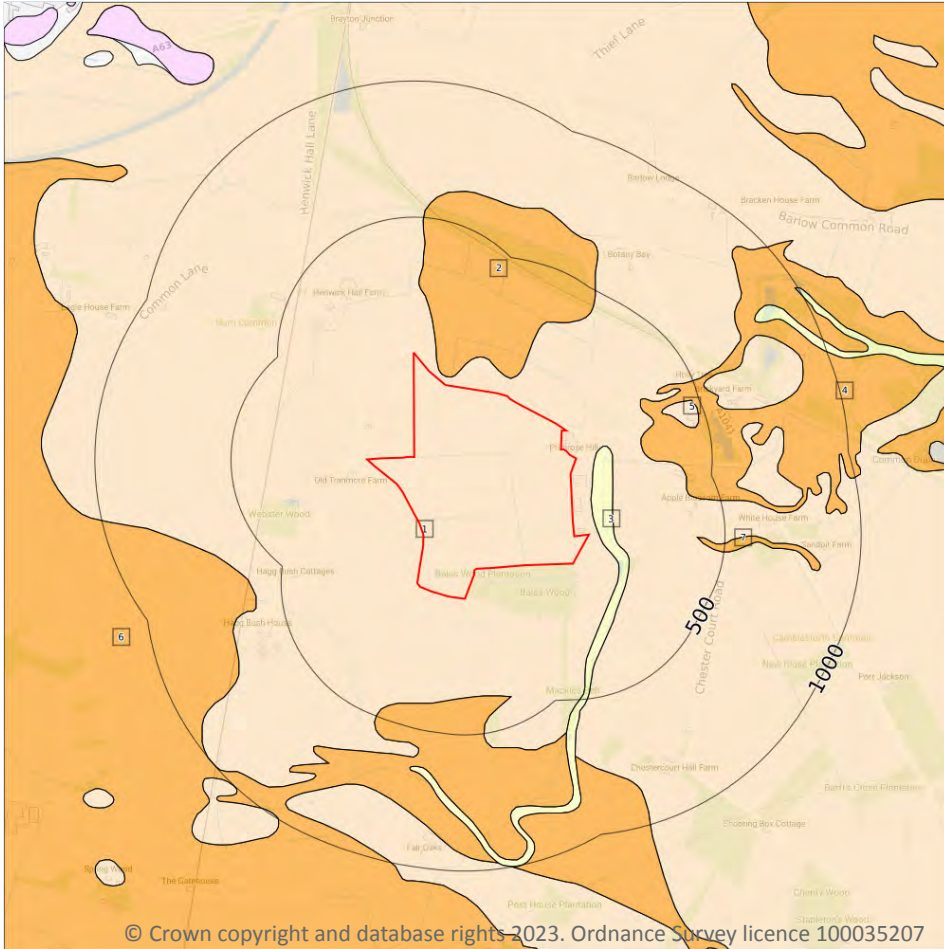
0


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

7

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 81](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	BRIGHTON SAND FORMATION	SAND
2	22m N	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
3	35m E	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
4	244m E	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY

ID	Location	LEX Code	Description	Rock description
5	357m E	BREI-S	BREIGHTON SAND FORMATION	SAND
6	362m S	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
7	399m E	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

3

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	High
22m N	Mixed	Low	Very Low
35m E	Intergranular	High	Very Low

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

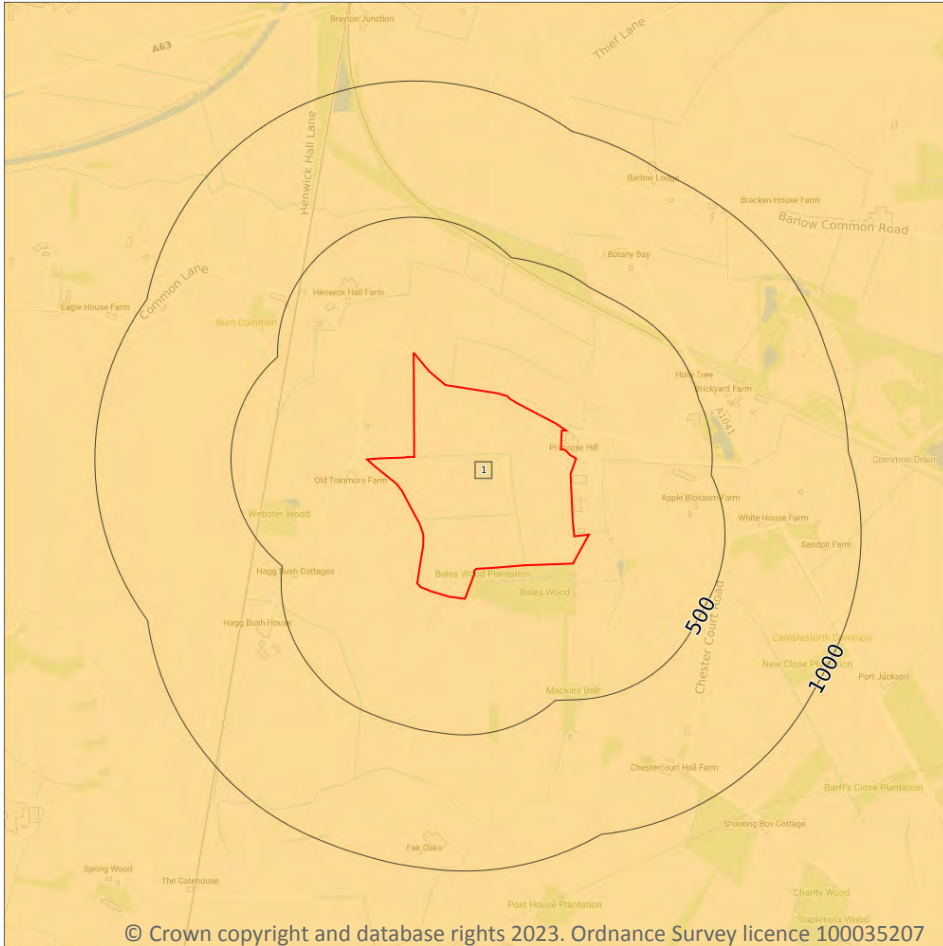
0

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

1

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 83](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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	High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

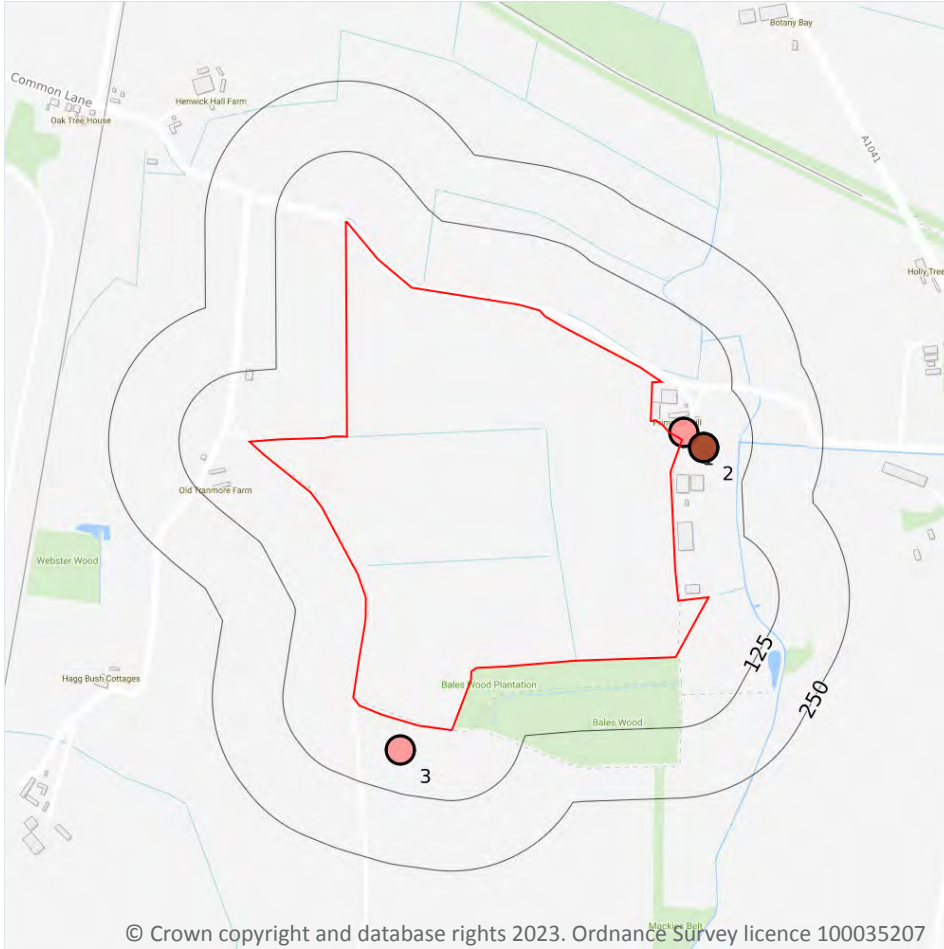
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
 Search buffers in metres (m)

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

16.1 BGS Boreholes

Records within 250m

3

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 85](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	13m E	462002 428463	BURN, PRIMROSE FARM	33.53	N	121487 ↗
2	40m E	462037 428436	PRIMROSE HILL FARM CAMBLESFORTH ROAD BURN	-1.0	N	20691526 ↗

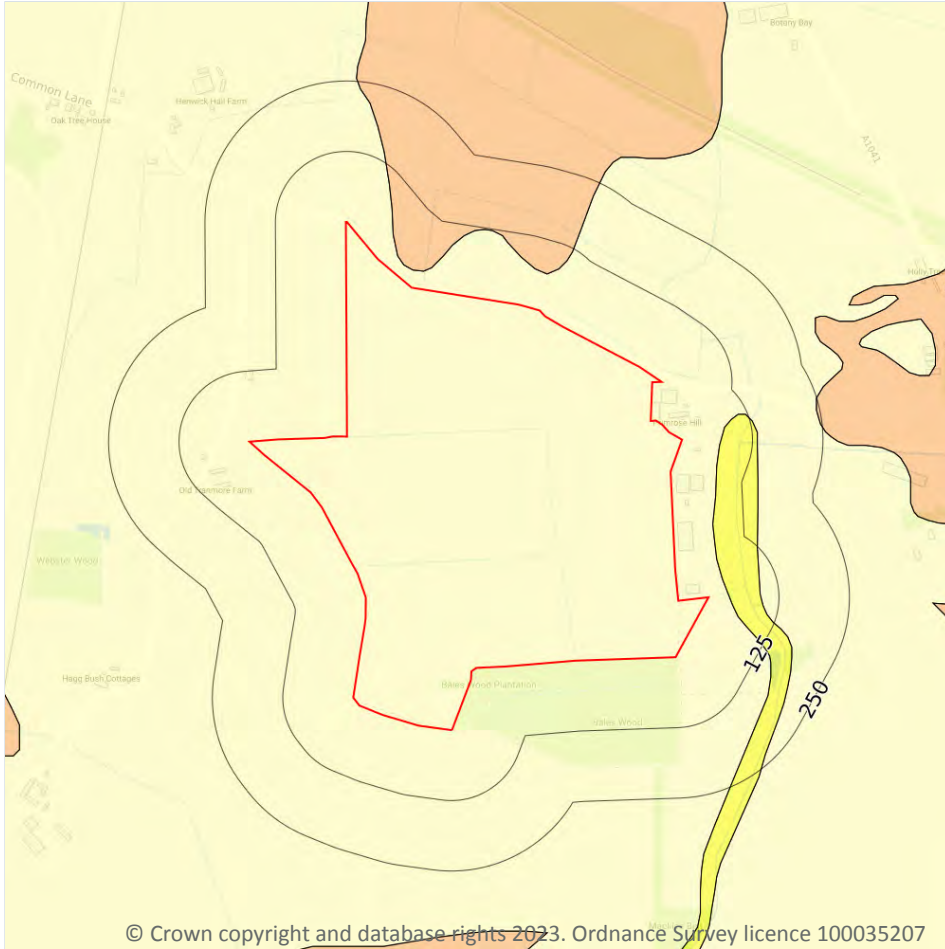


ID	Location	Grid reference	Name	Length	Confidential	Web link
3	50m S	461500 427900	FAIROAKS SELBY	60.0	N	121520 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m

3

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).

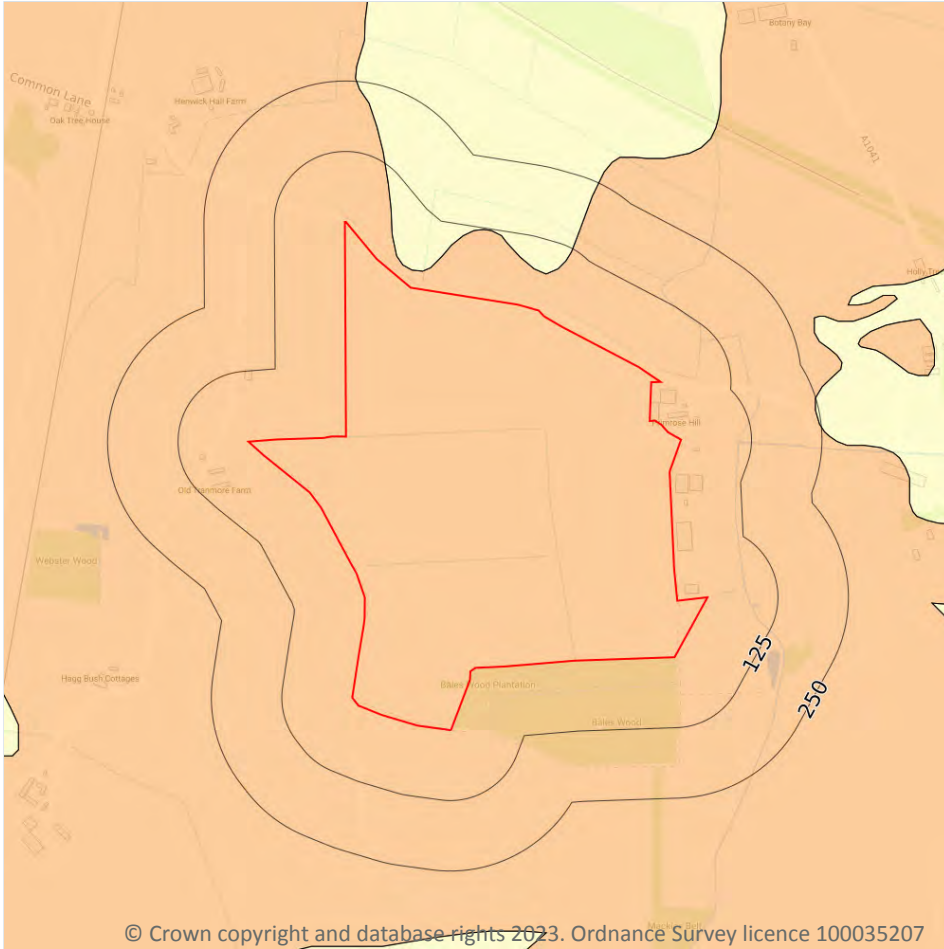
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 87 >](#)

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
22m N	Low	Ground conditions predominantly medium plasticity.
35m E	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m

2

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 89](#) >

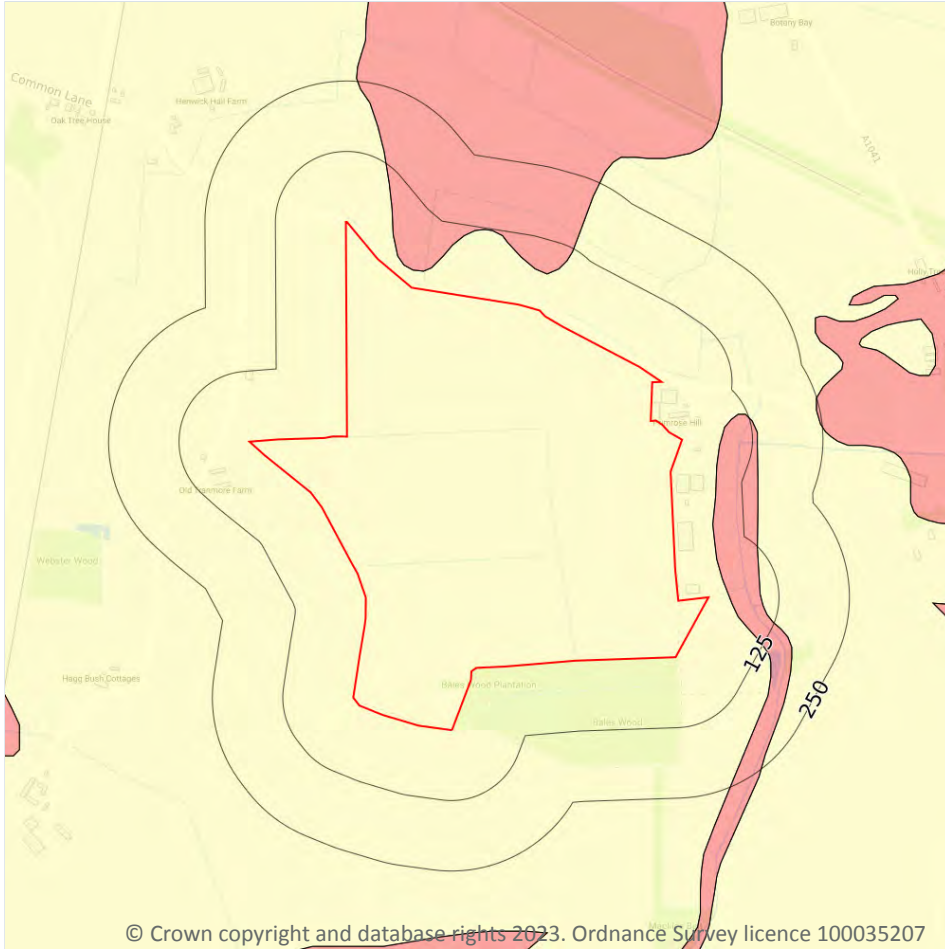
Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

Location	Hazard rating	Details
22m N	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



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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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 91](#) >

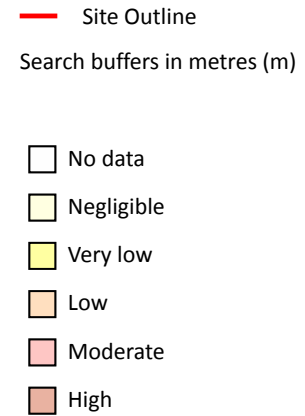
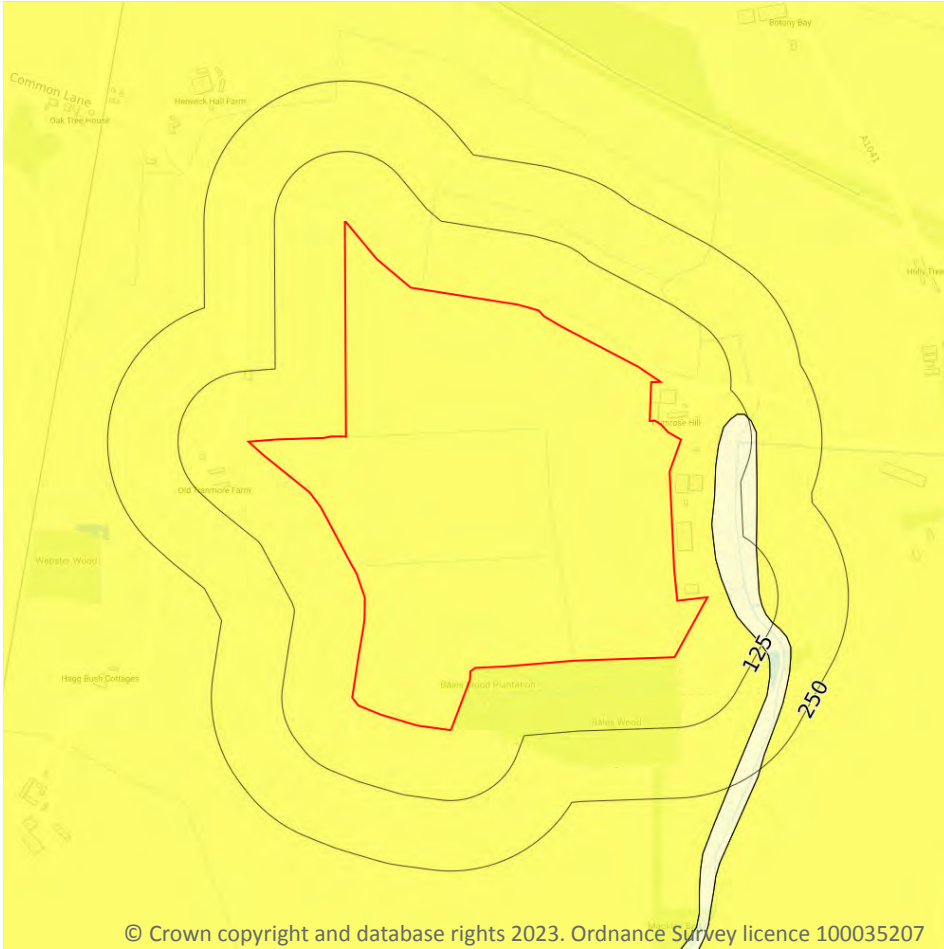
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
22m N	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



Location	Hazard rating	Details
35m E	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



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17.4 Collapsible deposits

Records within 50m

2

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.

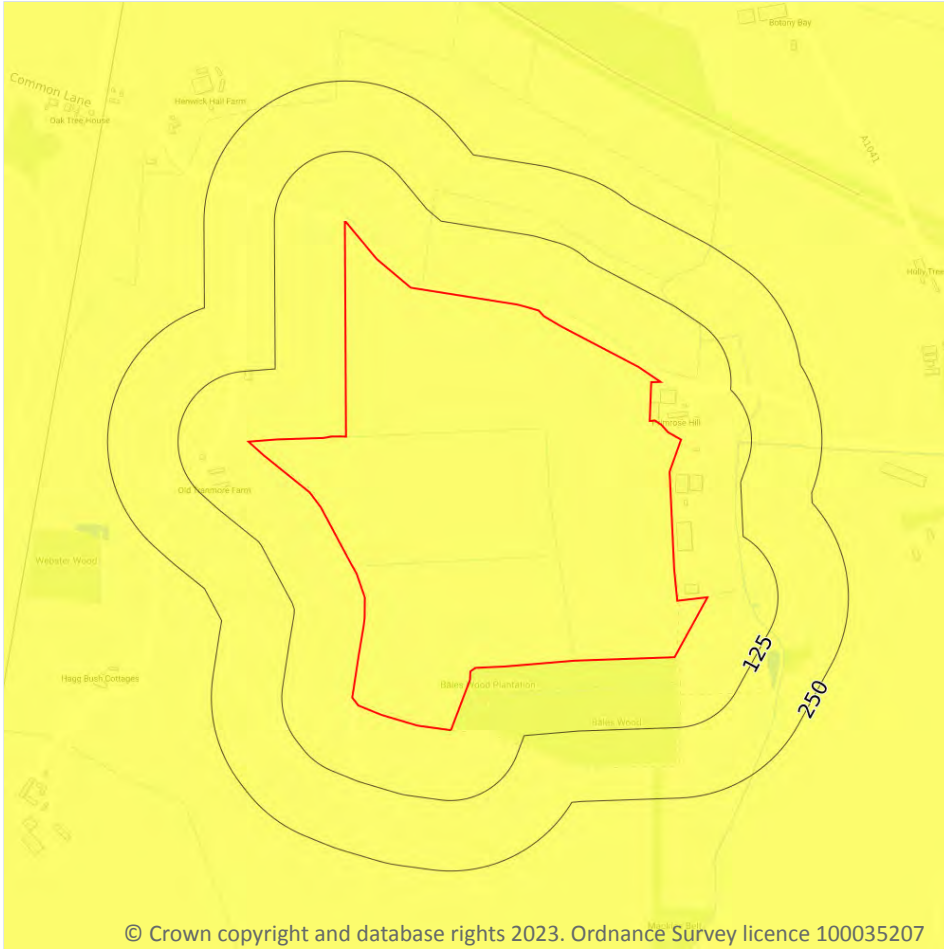
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 93 >](#)

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
35m E	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

1

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.

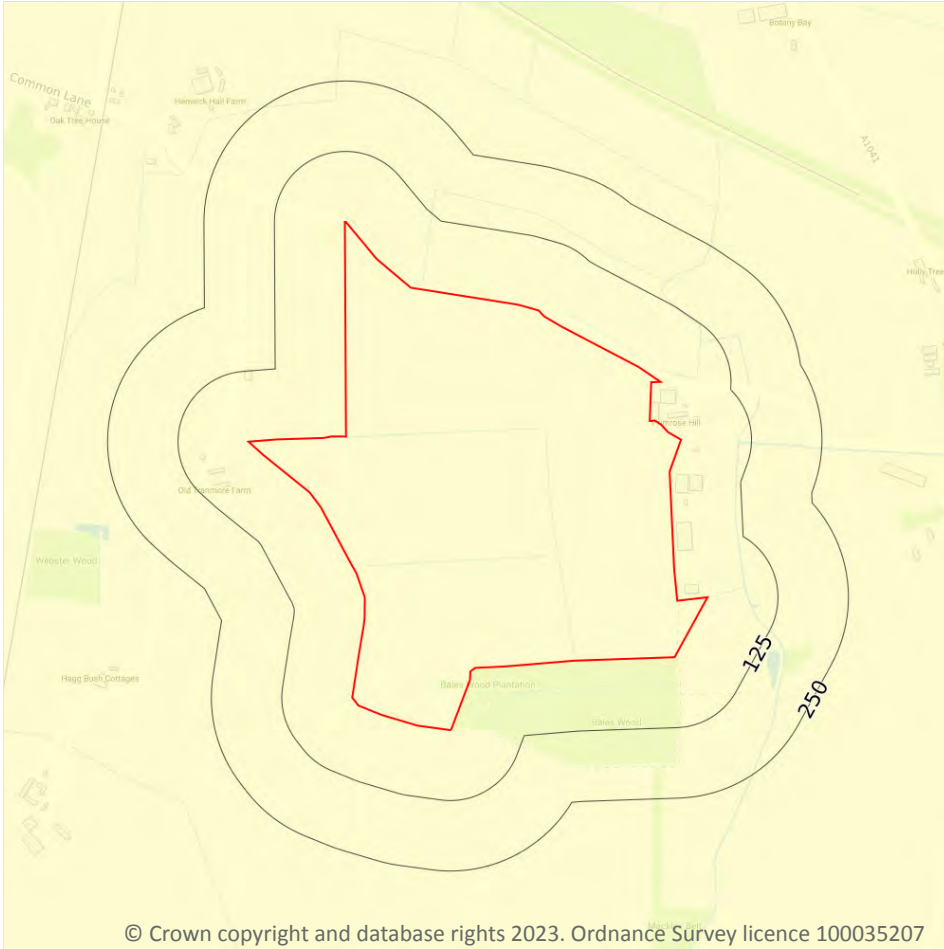
Features are displayed on the Natural ground subsidence - Landslides map on [page 94 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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.

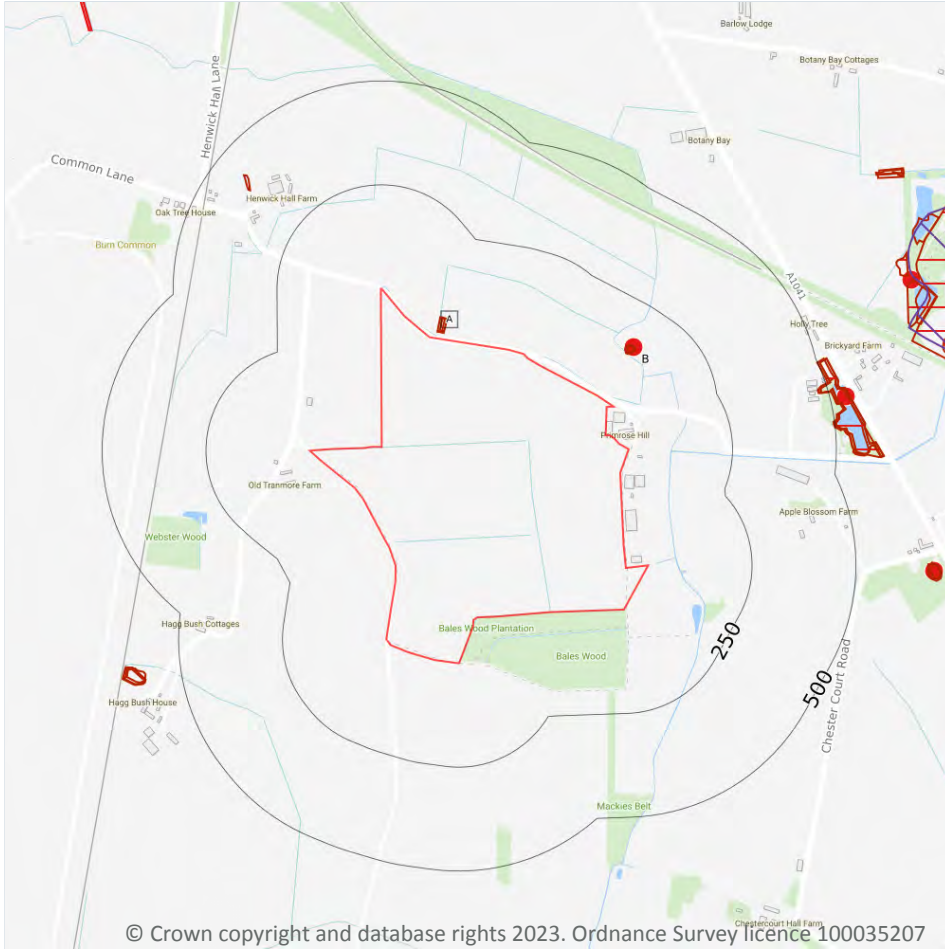
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 95](#)

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, ground workings and natural cavities



18.1 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.

18.2 BritPits

Records within 500m

1

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 97 >](#)

ID	Location	Details	Description
B	146m NE	Name: Primrose Hill Sand Pit Address: Barlow, SELBY, North Yorkshire Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

5

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 97 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	16m N	Pond	1950	1:10560
A	16m N	Pond	1908	1:10560
B	123m NE	Sand Pit	1950	1:10560
B	125m NE	Sand Pit	1908	1:10560
B	129m NE	Sand Pit	1950	1:10560

This data is sourced from Ordnance Survey/Groundsure.



18.4 Underground workings

Records within 1000m

2

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 97](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
K	934m NW	Tunnel	1973	1:10000
K	934m NW	Tunnel	1950	1:10560

This is data is sourced from Ordnance Survey/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

0

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).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous 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.



18.8 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.

18.9 Coal mining

Records on site 1

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

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

18.10 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.

18.11 Gypsum areas

Records on site 0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.



18.13 Clay mining

Records on site

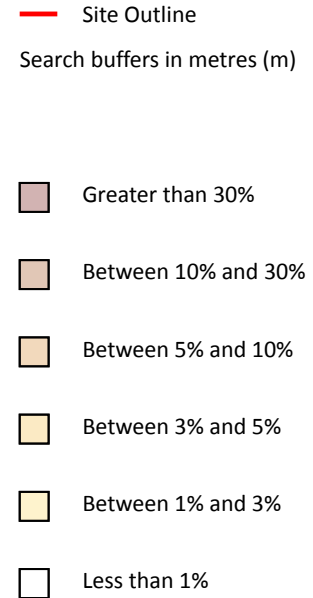
0

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 Radon



19.1 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 102 >](#)

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.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

13

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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
22m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
25m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
35m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
37m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.



20.2 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.

20.3 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.



21 Railway infrastructure and projects

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

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.

21.5 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.

21.6 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.

21.7 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.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

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.

21.10 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

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

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SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_B

Site Details

Location: 461591 427414
Area: 78.27 ha
Authority: [The North Yorkshire Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 8 >](#)

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
12 >	1.1 >	Historical industrial land uses >	0	0	3	0	-
13 >	1.2 >	Historical tanks >	0	0	0	2	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
13 >	1.4 >	Historical petrol stations >	0	0	0	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	3	0	-
16 >	2.2 >	Historical tanks >	0	0	0	2	-
16 >	2.3 >	Historical energy features >	0	0	0	0	-
16 >	2.4 >	Historical petrol stations >	0	0	0	0	-
16 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
17 >	3.1 >	Active or recent landfill >	0	0	0	0	-
17 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
18 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
18 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
18 >	3.5 >	Historical waste sites >	0	0	0	0	-
18 >	3.6 >	Licensed waste sites >	0	0	0	0	-
18 >	3.7 >	Waste exemptions >	0	0	13	13	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
21 >	4.1 >	Recent industrial land uses >	0	1	1	-	-
22 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
22 >	4.3 >	Electricity cables >	0	0	0	0	-
22 >	4.4 >	Gas pipelines >	0	0	0	0	-
22 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



22	>	4.6	>	Control of Major Accident Hazards (COMAH)	>	0	0	0	0	-
23	>	4.7	>	Regulated explosive sites	>	0	0	0	0	-
23	>	4.8	>	Hazardous substance storage/usage	>	0	0	0	0	-
23	>	4.9	>	Historical licensed industrial activities (IPC)	>	0	0	0	0	-
23	>	4.10	>	Licensed industrial activities (Part A(1))	>	0	0	0	0	-
23	>	4.11	>	Licensed pollutant release (Part A(2)/B)	>	0	0	0	0	-
24	>	4.12	>	Radioactive Substance Authorisations	>	0	0	0	0	-
24	>	4.13	>	Licensed Discharges to controlled waters	>	0	0	0	2	-
24	>	4.14	>	Pollutant release to surface waters (Red List)	>	0	0	0	0	-
25	>	4.15	>	Pollutant release to public sewer	>	0	0	0	0	-
25	>	4.16	>	List 1 Dangerous Substances	>	0	0	0	0	-
25	>	4.17	>	List 2 Dangerous Substances	>	0	0	0	0	-
25	>	4.18	>	Pollution Incidents (EA/NRW)	>	0	0	0	0	-
25	>	4.19	>	Pollution inventory substances	>	0	0	0	0	-
26	>	4.20	>	Pollution inventory waste transfers	>	0	0	0	0	-
26	>	4.21	>	Pollution inventory radioactive waste	>	0	0	0	0	-
Page	Section	Hydrogeology			On site	0-50m	50-250m	250-500m	500-2000m	
27	>	5.1	>	Superficial aquifer	Identified (within 500m)					
29	>	5.2	>	Bedrock aquifer	Identified (within 500m)					
30	>	5.3	>	Groundwater vulnerability	Identified (within 50m)					
34	>	5.4	>	Groundwater vulnerability- soluble rock risk	None (within 0m)					
34	>	5.5	>	Groundwater vulnerability- local information	None (within 0m)					
35	>	5.6	>	Groundwater abstractions	10	0	0	0	17	
42	>	5.7	>	Surface water abstractions	0	0	0	0	8	
44	>	5.8	>	Potable abstractions	0	0	0	0	0	
44	>	5.9	>	Source Protection Zones	2	0	0	0	-	
45	>	5.10	>	Source Protection Zones (confined aquifer)	0	0	0	0	-	
Page	Section	Hydrology			On site	0-50m	50-250m	250-500m	500-2000m	
46	>	6.1	>	Water Network (OS MasterMap)	7	5	10	-	-	



48 >	6.2 >	Surface water features >	1	6	11	-	-
49 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
49 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
49 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
51 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
52 >	7.2 >	Historical Flood Events >	0	0	0	-	-
52 >	7.3 >	Flood Defences >	0	0	0	-	-
52 >	7.4 >	Areas Benefiting from Flood Defences >	2	0	1	-	-
53 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
54 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
55 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
56 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
58 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
59 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
60 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
60 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
60 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
60 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
61 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
61 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	0
61 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
61 >	10.9 >	Forest Parks >	0	0	0	0	0
62 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
62 >	10.11 >	Green Belt >	0	0	0	0	0
62 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



62	>	10.13	>	Possible Special Areas of Conservation (pSAC)	>	0	0	0	0	0
62	>	10.14	>	Potential Special Protection Areas (pSPA)	>	0	0	0	0	0
63	>	10.15	>	Nitrate Sensitive Areas	>	0	0	0	0	1
63	>	10.16	>	Nitrate Vulnerable Zones	>	1	0	0	0	4
64	>	10.17	>	SSSI Impact Risk Zones	>	1	-	-	-	-
65	>	10.18	>	SSSI Units	>	0	0	0	0	0
Page	Section	Visual and cultural designations				On site	0-50m	50-250m	250-500m	500-2000m
66	>	11.1	>	World Heritage Sites	>	0	0	0	-	-
66	>	11.2	>	Area of Outstanding Natural Beauty	>	0	0	0	-	-
66	>	11.3	>	National Parks	>	0	0	0	-	-
66	>	11.4	>	Listed Buildings	>	0	0	0	-	-
67	>	11.5	>	Conservation Areas	>	0	0	0	-	-
67	>	11.6	>	Scheduled Ancient Monuments	>	0	0	0	-	-
67	>	11.7	>	Registered Parks and Gardens	>	0	0	0	-	-
Page	Section	Agricultural designations				On site	0-50m	50-250m	250-500m	500-2000m
68	>	12.1	>	Agricultural Land Classification	>	Grade 2 (within 250m)				
69	>	12.2	>	Open Access Land	>	0	0	0	-	-
69	>	12.3	>	Tree Felling Licences	>	0	0	0	-	-
69	>	12.4	>	Environmental Stewardship Schemes	>	0	0	0	-	-
70	>	12.5	>	Countryside Stewardship Schemes	>	6	3	5	-	-
Page	Section	Habitat designations				On site	0-50m	50-250m	250-500m	500-2000m
71	>	13.1	>	Priority Habitat Inventory	>	4	2	3	-	-
72	>	13.2	>	Habitat Networks	>	0	0	0	-	-
72	>	13.3	>	Open Mosaic Habitat	>	0	0	0	-	-
72	>	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
73	>	14.1	>	10k Availability	>	Identified (within 500m)				
74	>	14.2	>	Artificial and made ground (10k)	>	0	0	0	0	-
75	>	14.3	>	Superficial geology (10k)	>	3	0	1	1	-

76 >	14.4 >	Landslip (10k) >	0	0	0	0	-
77 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
78 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
79 >	15.1 >	50k Availability >	Identified (within 500m)				
80 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
80 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
81 >	15.4 >	Superficial geology (50k) >	4	0	1	1	-
82 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
82 >	15.6 >	Landslip (50k) >	0	0	0	0	-
82 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
83 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
84 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
84 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	16.1 >	BGS Boreholes >	2	0	1	-	-
Page	Section	Natural ground subsidence >					
87 >	17.1 >	Shrink swell clays >	Low (within 50m)				
89 >	17.2 >	Running sands >	Low (within 50m)				
91 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
93 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
94 >	17.5 >	Landslides >	Very low (within 50m)				
95 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	18.1 >	Natural cavities >	0	0	0	0	-
98 >	18.2 >	BritPits >	0	0	0	0	-
98 >	18.3 >	Surface ground workings >	3	0	0	-	-
98 >	18.4 >	Underground workings >	0	0	0	0	0
98 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



99 >	18.6 >	Non-coal mining >	0	0	0	0	0
99 >	18.7 >	Mining cavities >	0	0	0	0	0
99 >	18.8 >	JPB mining areas >	None (within 0m)				
99 >	18.9 >	Coal mining >	Identified (within 0m)				
100 >	18.10 >	Brine areas >	None (within 0m)				
100 >	18.11 >	Gypsum areas >	None (within 0m)				
100 >	18.12 >	Tin mining >	None (within 0m)				
100 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	Radon >					
101 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
103 >	20.1 >	BGS Estimated Background Soil Chemistry >	32	13	-	-	-
105 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
105 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
106 >	21.1 >	Underground railways (London) >	0	0	0	-	-
106 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
107 >	21.3 >	Railway tunnels >	0	0	0	-	-
107 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
107 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
107 >	21.6 >	Historical railways >	0	0	0	-	-
107 >	21.7 >	Railways >	0	0	3	-	-
108 >	21.8 >	Crossrail 1 >	0	0	0	0	-
108 >	21.9 >	Crossrail 2 >	0	0	0	0	-
108 >	21.10 >	HS2 >	0	0	0	0	-

Recent aerial photograph



Capture Date: 24/06/2020

Site Area: 78.27ha



Recent site history - 2017 aerial photograph



Capture Date: 19/09/2017

Site Area: 78.27ha



Recent site history - 2007 aerial photograph

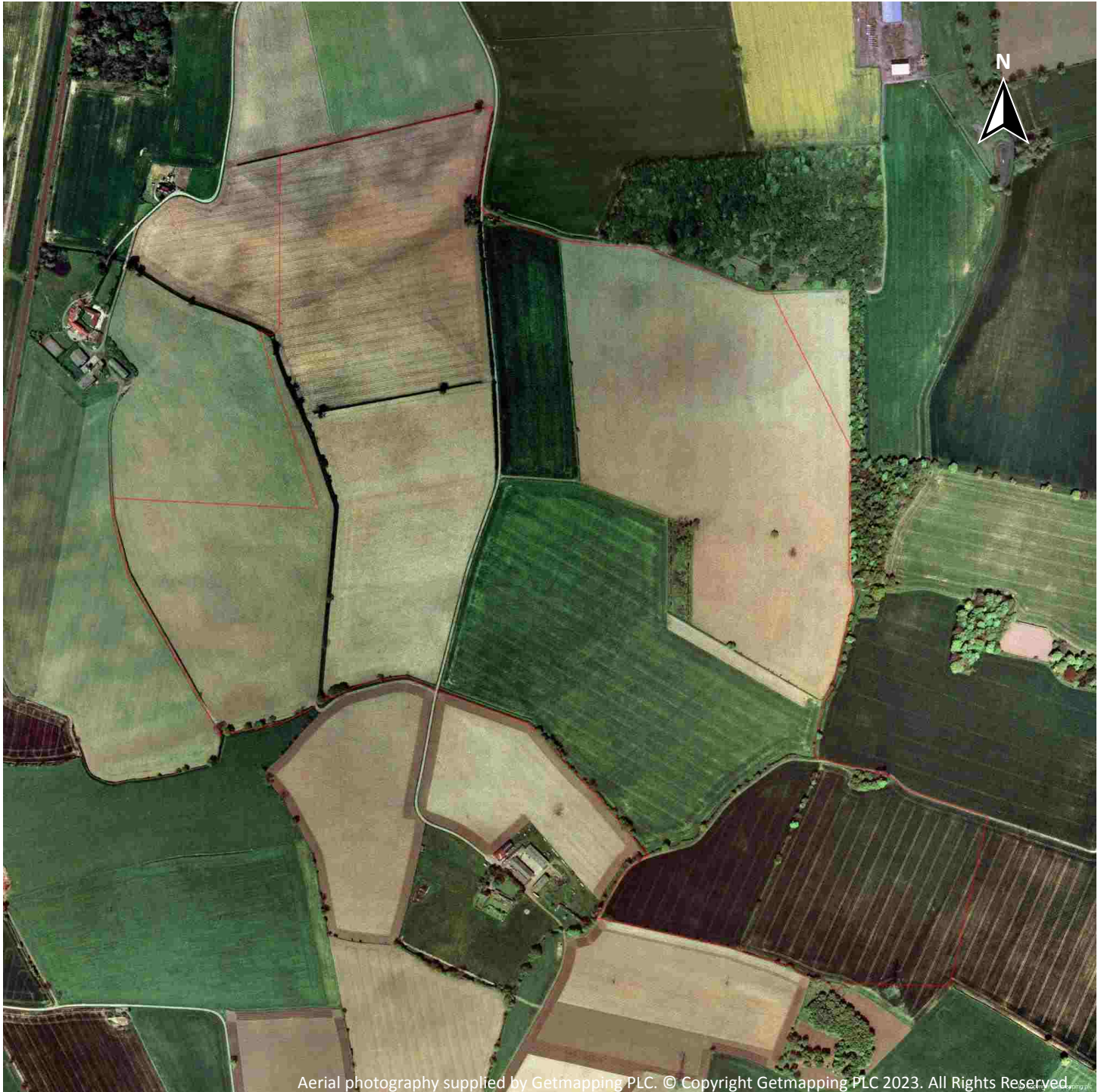


Capture Date: 24/08/2007

Site Area: 78.27ha



Recent site history - 1999 aerial photograph

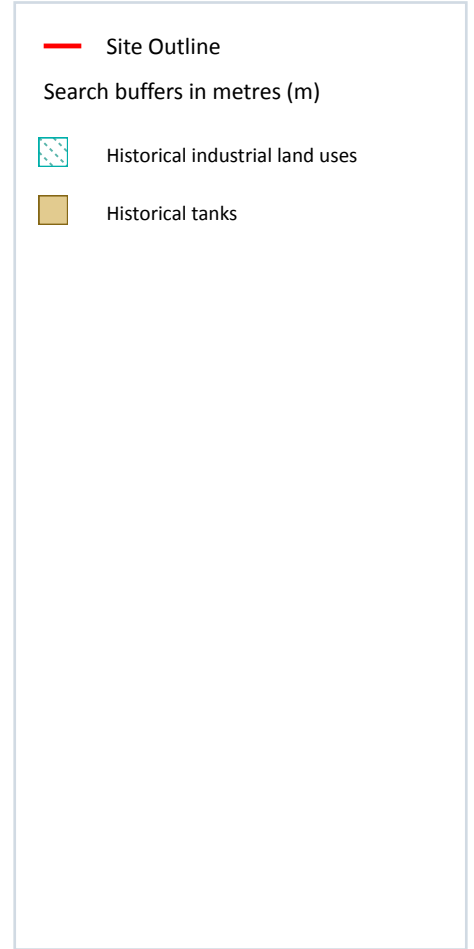
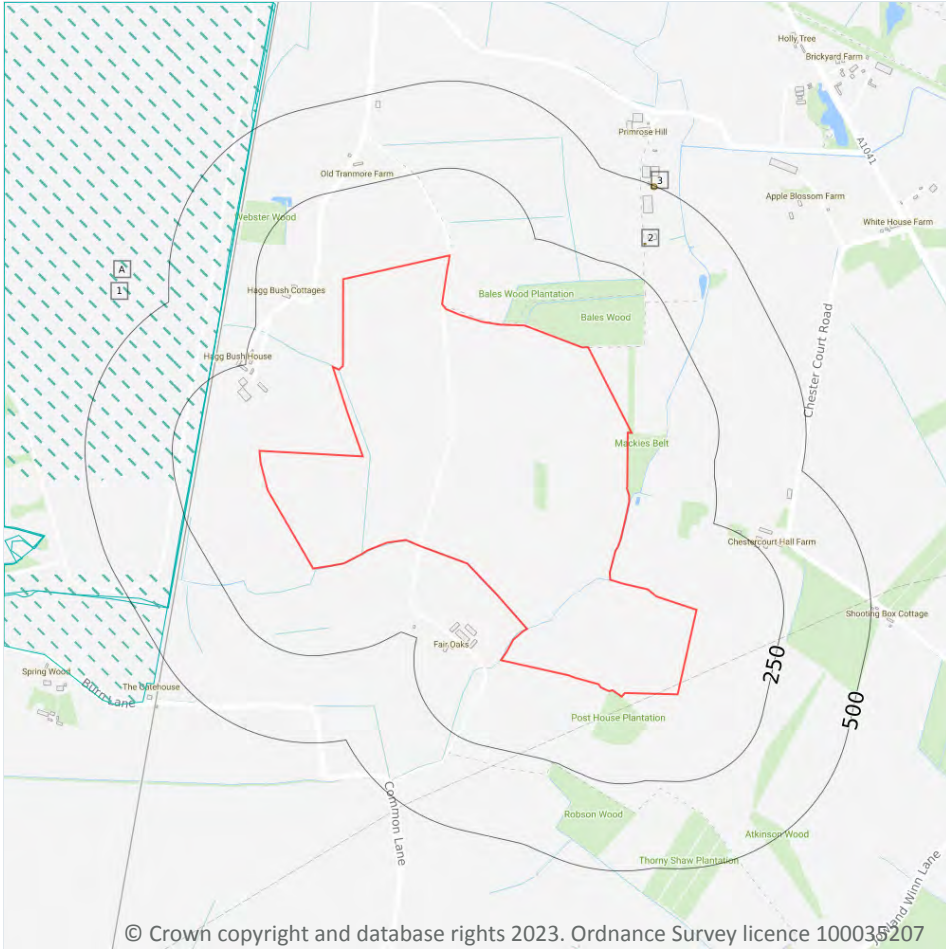


Capture Date: 03/05/1999

Site Area: 78.27ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

3

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 12 >](#)

ID	Location	Land use	Dates present	Group ID
A	178m W	Disused Airfield	1950	1491619

ID	Location	Land use	Dates present	Group ID
A	180m W	Disused Airfield	1973	1542498
1	181m W	Airfield	1950	1420337

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

2

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 12 >](#)

ID	Location	Land use	Dates present	Group ID
2	335m NE	Unspecified Tank	1995	227771
3	489m NE	Unspecified Tank	1996	227773

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 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, 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

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

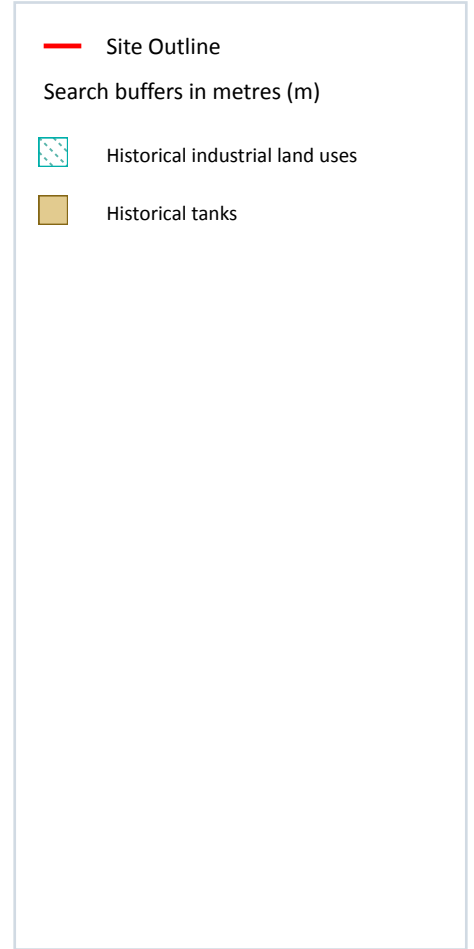
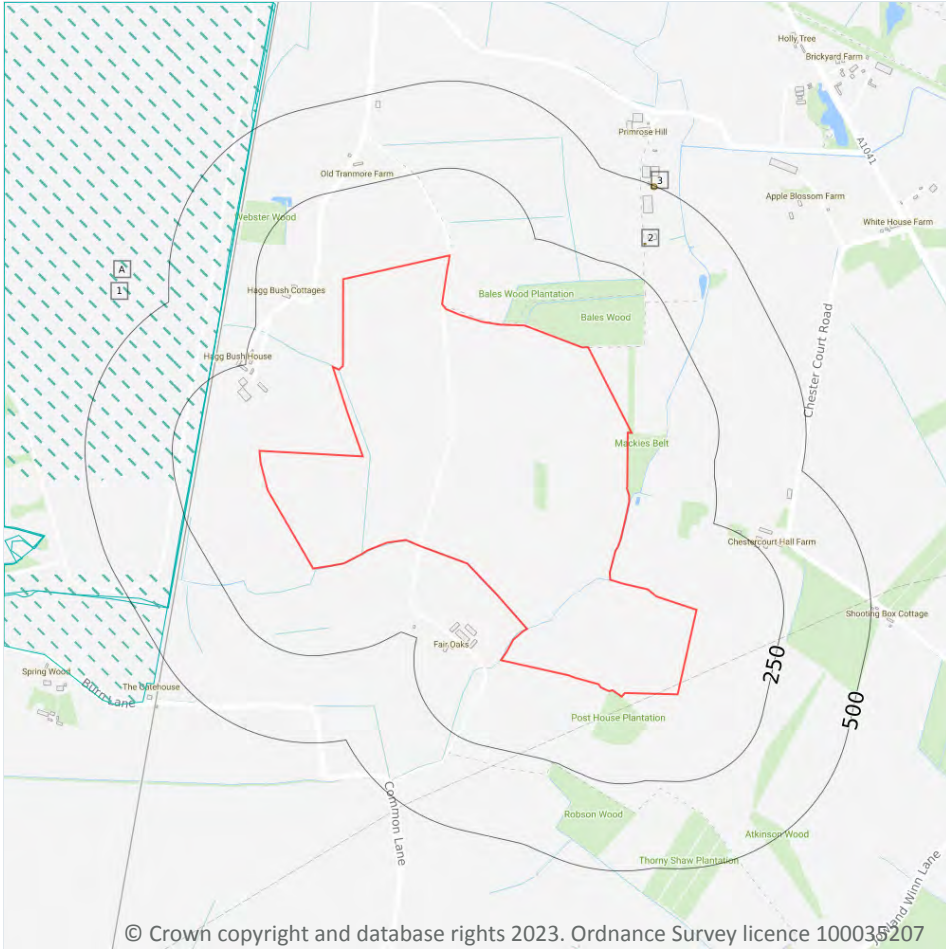
Records within 500m

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



2.1 Historical industrial land uses

Records within 500m

3

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 15 >](#)

ID	Location	Land Use	Date	Group ID
A	178m W	Disused Airfield	1950	1491619
A	180m W	Disused Airfield	1973	1542498
1	181m W	Airfield	1950	1420337

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

2

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 15](#) >

ID	Location	Land Use	Date	Group ID
2	335m NE	Unspecified Tank	1995	227771
3	489m NE	Unspecified Tank	1996	227773

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

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

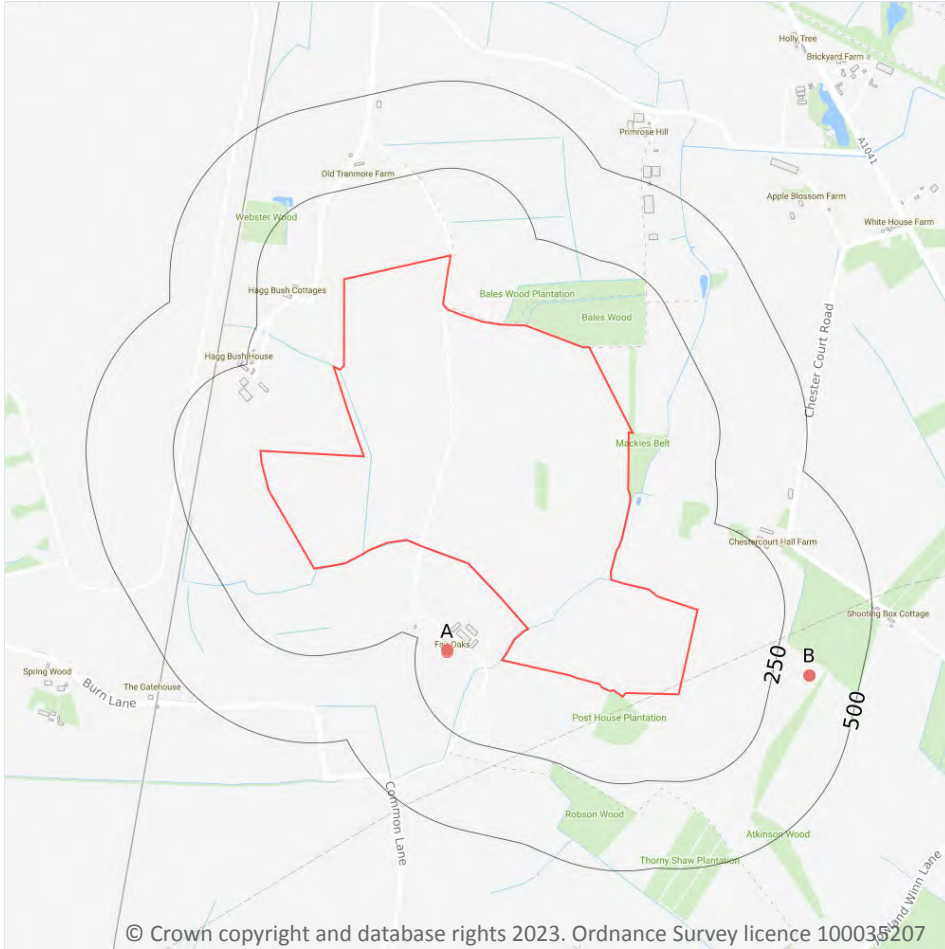
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

26

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 17 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Treating waste exemption	Agricultural Waste Only	Cleaning, washing, spraying or coating relevant waste
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Treating waste exemption	Agricultural Waste Only	Screening and blending of waste
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Using waste exemption	Agricultural Waste Only	Use of baled end-of-life tyres in construction
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Using waste exemption	Agricultural Waste Only	Burning of waste as a fuel in a small appliance
A	160m S	Fairoaks SELBY North Yorkshire YO8 8LE	EPR/TE5481TW/A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose
A	162m S	FAIR OAKS, BURN, SELBY, YO8 8LE	WEX205806	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit

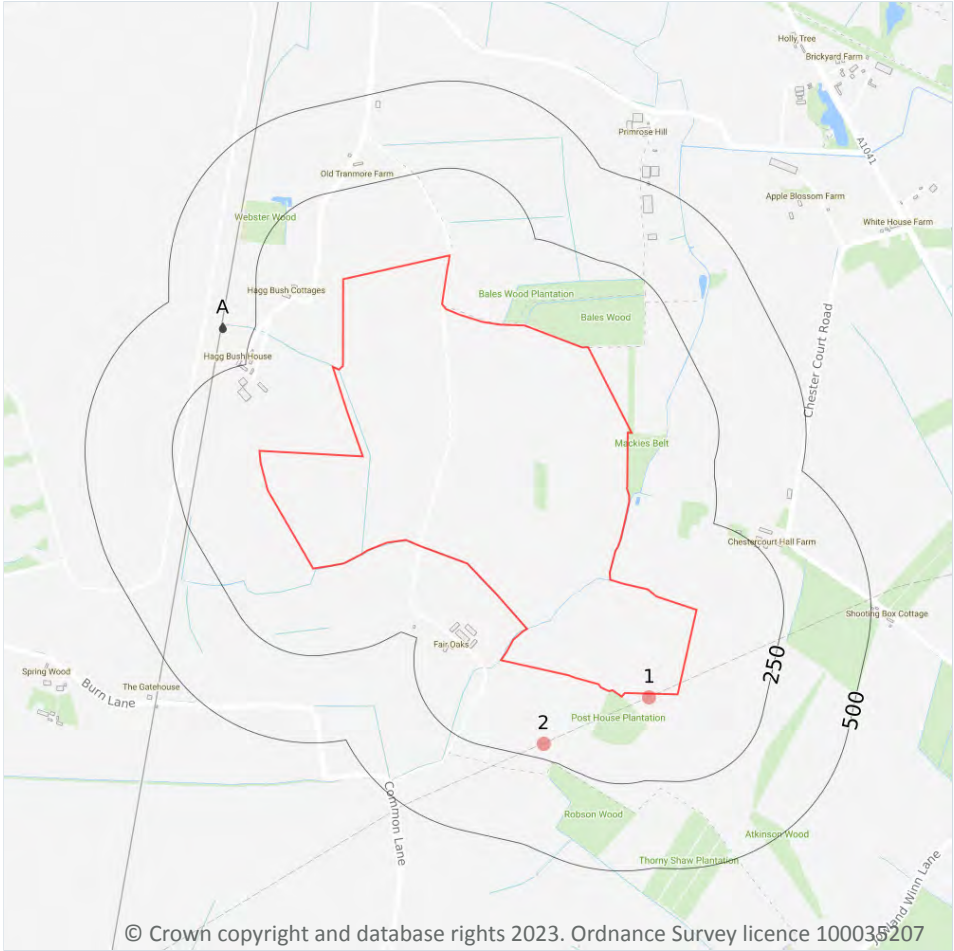


ID	Location	Site	Reference	Category	Sub-Category	Description
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Crushing and emptying waste vehicle oil filters
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of mulch
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
B	353m SE	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose

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
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m **2**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 21](#) >

ID	Location	Company	Address	Activity	Category
1	10m SE	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
2	206m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

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

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

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

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

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

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
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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

0

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

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

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

2

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 21 >](#)

ID	Location	Address	Details	
A	335m NW	BURN AIRFIELD SPS, PARK LANE (ADJACENT NO 18), BARLOW, SELBY, NORTH YORKSHIRE, YO8 8JW	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WRA8735 Permit Version: 3 Receiving Water: HAGG BUSH DIKE	Status: VARIED UNDER EPR 2010 Issue date: 22/10/2019 Effective Date: 22/10/2019 Revocation Date: -
A	335m NW	BURN AIRFIELD SPS, PARK LANE (ADJACENT NO 18), BARLOW, SELBY, NORTH YORKSHIRE, YO8 8JW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8735 Permit Version: 3 Receiving Water: HAGG BUSH DIKE	Status: VARIED UNDER EPR 2010 Issue date: 22/10/2019 Effective Date: 22/10/2019 Revocation Date: -

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 0

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

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

4.19 Pollution inventory substances

Records within 500m 0

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

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

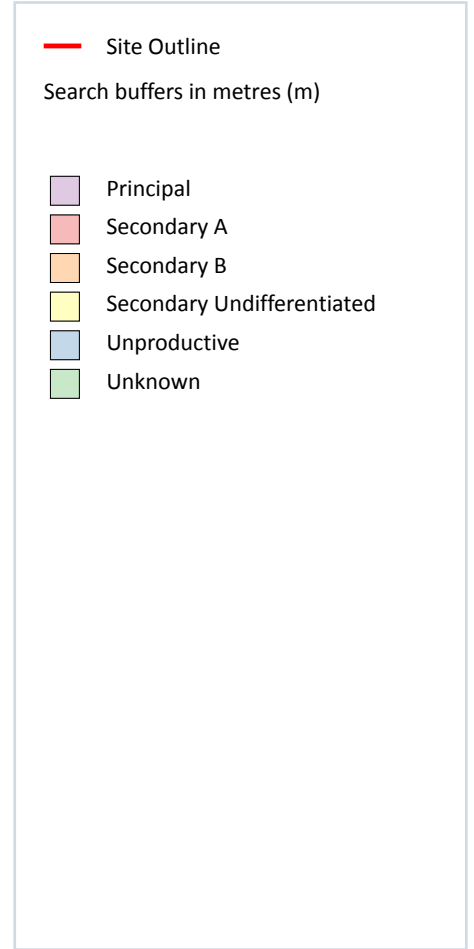
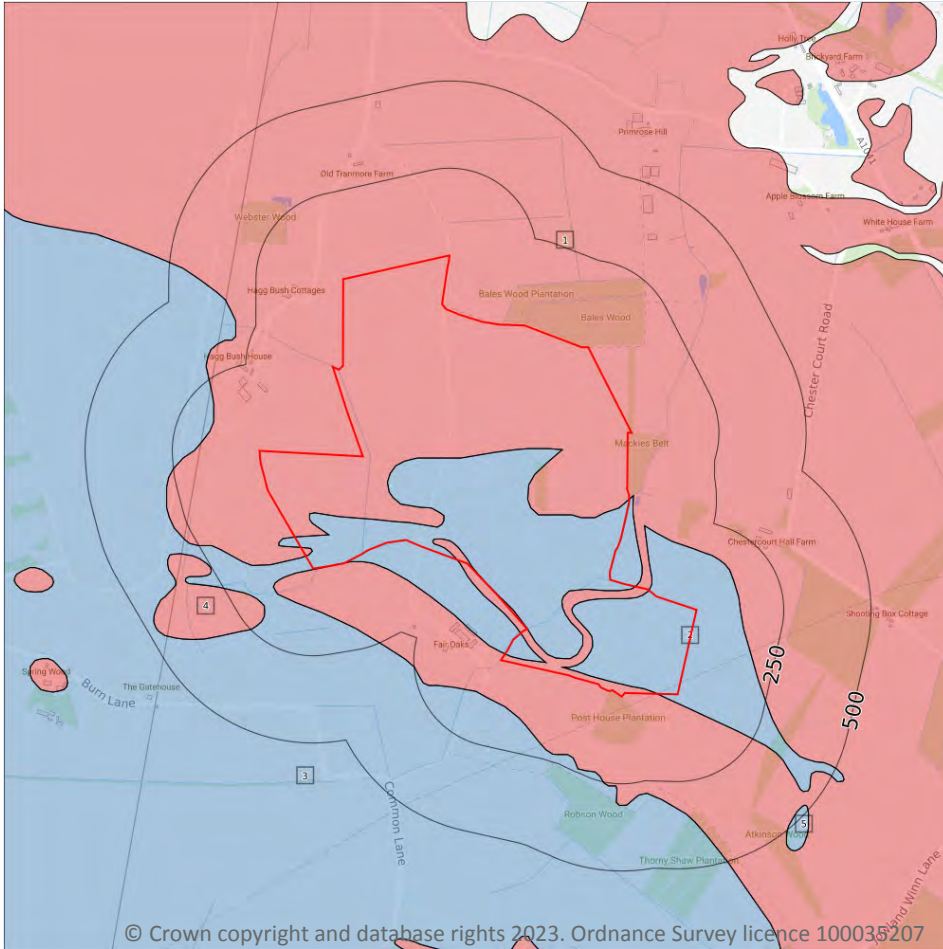
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

5

Aquifer status of groundwater held within superficial geology.

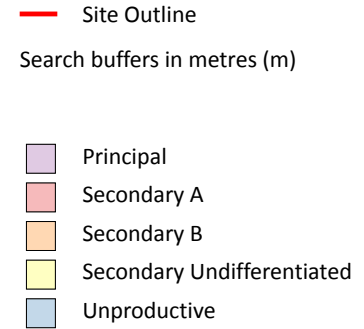
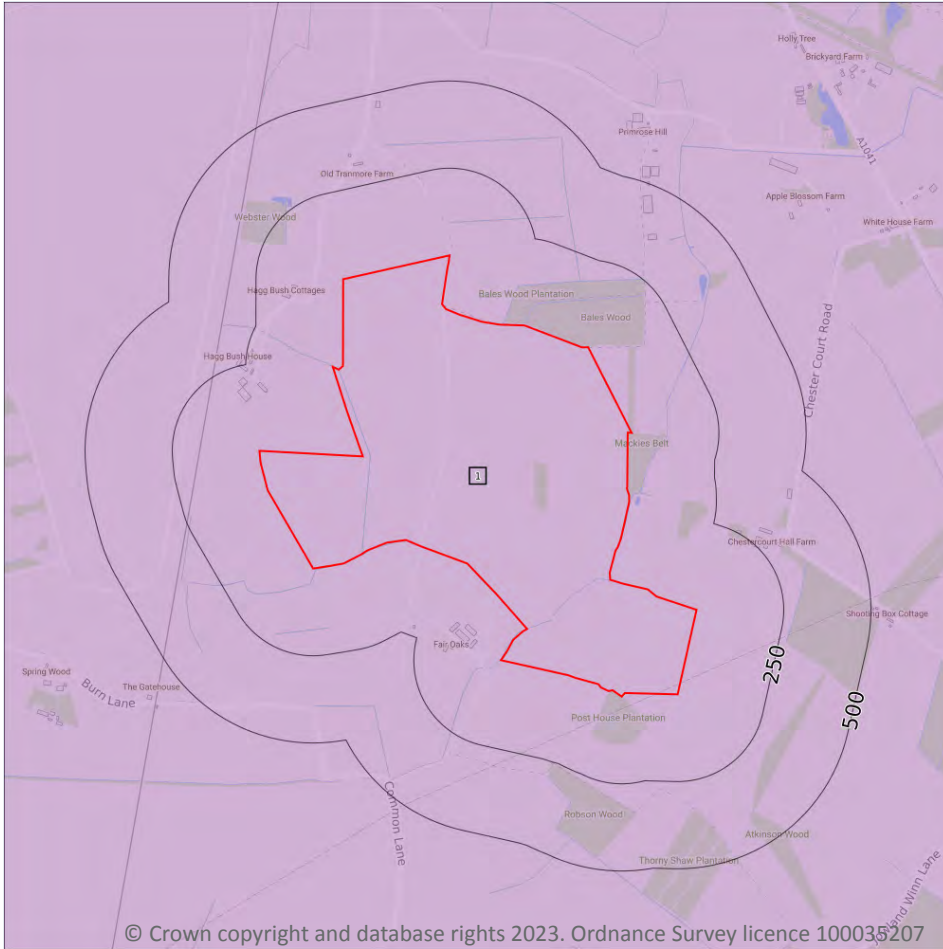
Features are displayed on the Hydrogeology map on [page 27](#) >

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

ID	Location	Designation	Description
3	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	176m 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
5	480m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

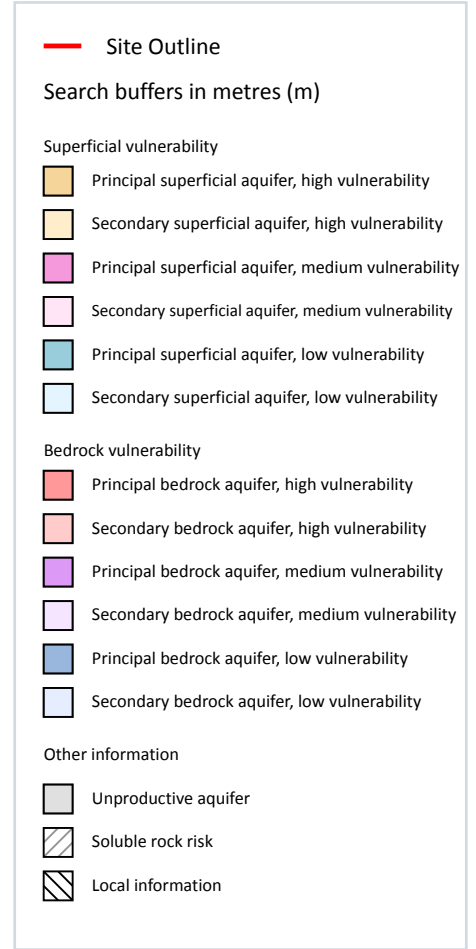
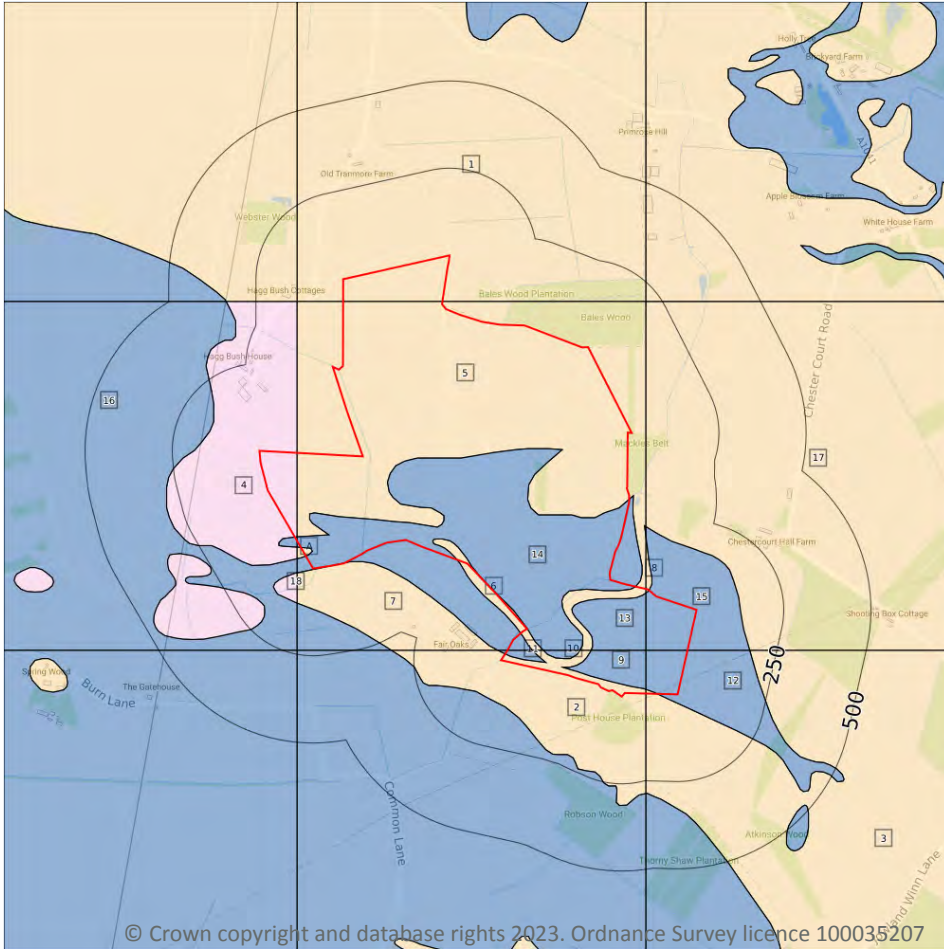
Features are displayed on the Bedrock aquifer map on [page 29](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

20

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 30](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
7	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
9	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
10	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
11	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
12	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
13	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
14	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
15	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
A	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
A	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
16	25m SW	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
17	40m E	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
18	45m SW	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



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

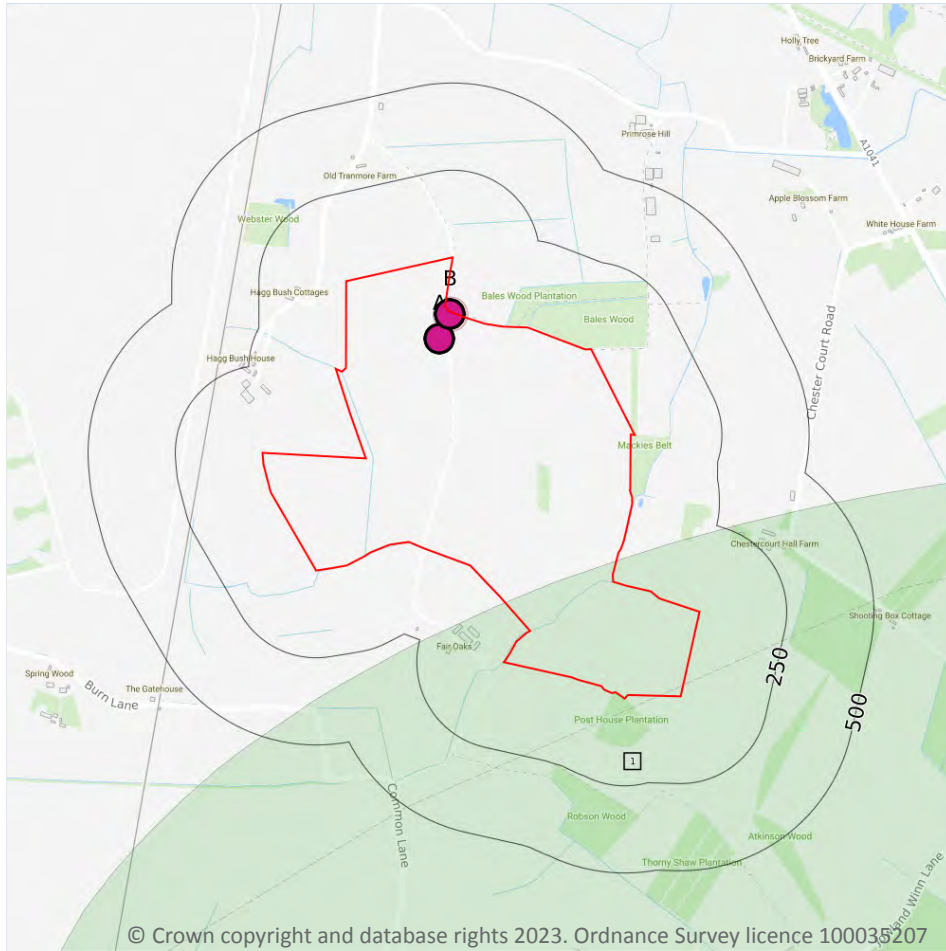
0

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



5.6 Groundwater abstractions

Records within 2000m

27

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 35 >](#)

ID	Location	Details	
A	On site	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
A	On site	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
A	On site	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
A	On site	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
B	On site	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN- SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -



ID	Location	Details	
B	On site	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
B	On site	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
B	On site	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
B	On site	Status: Active Licence No: 2/27/24/300/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
B	On site	Status: Active Licence No: 2/27/24/300/R01 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m³): 65973 Max Daily Volume (m³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	871m SE	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
-	871m SE	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
-	871m SE	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	871m SE	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	871m SE	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	871m SE	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	880m SE	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -



ID	Location	Details	
-	1319m E	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1319m E	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1322m E	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	1322m E	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -



ID	Location	Details	
-	1322m E	Status: Active Licence No: 2/27/24/477/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1322m E	Status: Active Licence No: 2/27/24/477/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1322m E	Status: Active Licence No: 2/27/24/477/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1348m S	Status: Active Licence No: NE/027/0018/033 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	1348m S	Status: Active Licence No: NE/027/0018/033 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1859m N	Status: Active Licence No: NE/027/0024/063 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - MIDDLE LANE Data Type: Point Name: Staynor Farms Ltd Easting: 461306 Northing: 429987	Annual Volume (m ³): 53430 Max Daily Volume (m ³): 1200 Original Application No: NPS/WR/031062 Original Start Date: 10/07/2017 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 14/08/2019 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

8

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 35 >](#)

ID	Location	Details	
-	1137m N	Status: Historical Licence No: NE/027/0024/002 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -



ID	Location	Details	
-	1137m N	Status: Active Licence No: NE/027/0024/002/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: NPS/NA/001840 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1137m N	Status: Active Licence No: NE/027/0024/002/R01 Details: Trickle Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: NPS/NA/001840 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1643m NW	Status: Active Licence No: 2/27/18/133/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: Canal and River Trust Easting: 457192 Northing: 426688	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 981.6 Original Application No: NPS/WR/018175 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1662m NW	Status: Historical Licence No: 2/27/18/133 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: Canal and River Trust Easting: 457200 Northing: 426700	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 981.6 Original Application No: - Original Start Date: 13/03/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 21/01/2008 Version End Date: -
-	1720m NW	Status: Historical Licence No: 2/27/24/290 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: BRITISH WATERWAYS Easting: 460600 Northing: 429700	Annual Volume (m ³): 40000 Max Daily Volume (m ³): 1364 Original Application No: - Original Start Date: 03/06/1994 Expiry Date: 30/09/2006 Issue No: 101 Version Start Date: 29/07/2002 Version End Date: -



ID	Location	Details	
-	1784m NW	Status: Active Licence No: 2/27/24/464/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL - BRAYTON - SELBY Data Type: Line Name: Canal and River Trust Easting: 457088 Northing: 426420	Annual Volume (m ³): 40000 Max Daily Volume (m ³): 1270 Original Application No: NPS/WR/031892 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 25/11/2019 Version End Date: -
-	1889m NW	Status: Historical Licence No: 2/27/18/102 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: SELBY CANAL Data Type: Line Name: BRITISH WATERWAYS Easting: 457200 Northing: 426700	Annual Volume (m ³): 20000 Max Daily Volume (m ³): 981.6 Original Application No: - Original Start Date: 01/03/1998 Expiry Date: 30/09/2006 Issue No: 102 Version Start Date: 26/07/2002 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	2
----------------------------	----------

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 35 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment
B	On site	1	Inner catchment

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

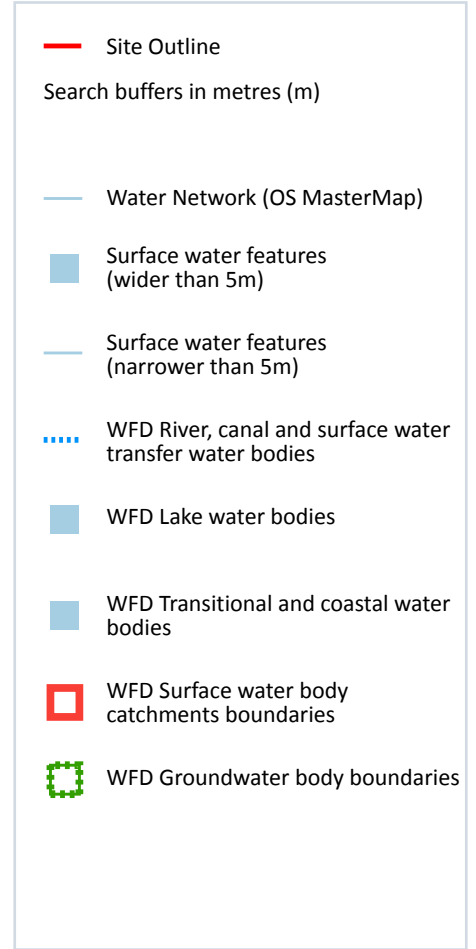
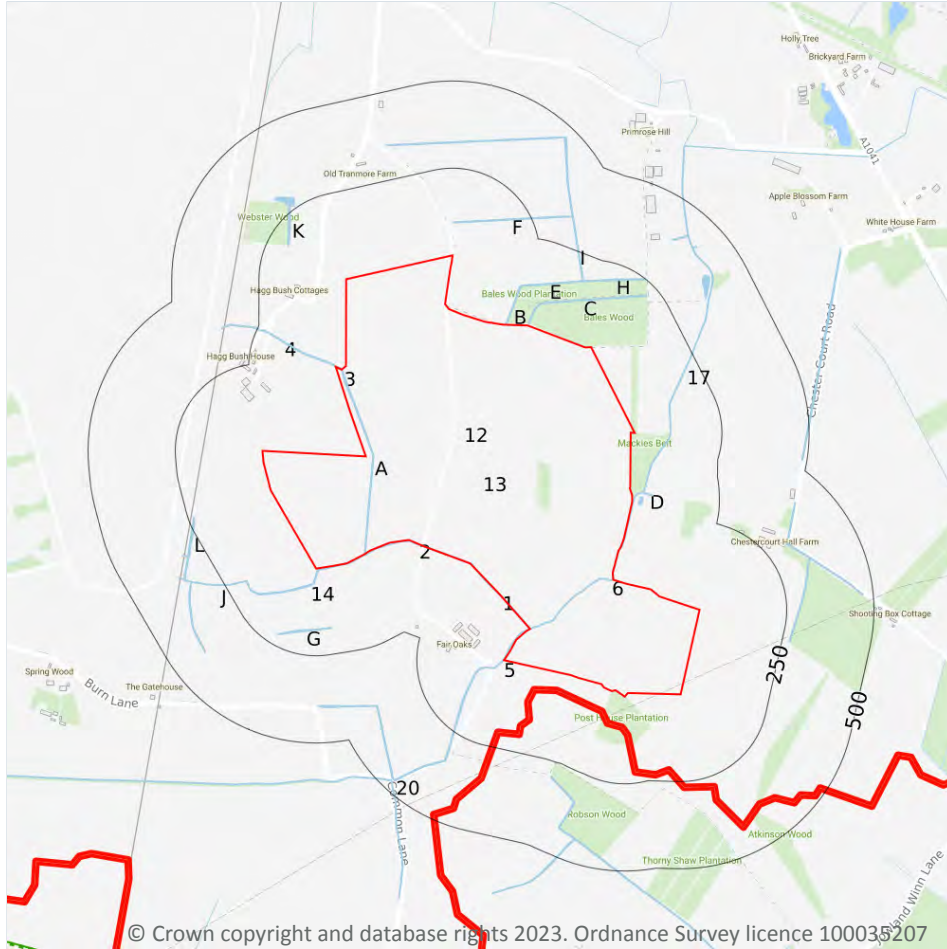
0

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



6.1 Water Network (OS MasterMap)

Records within 250m

22

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 46 >](#)

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.	On ground surface	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)	-
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	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)	-
14	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	6m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	30m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	30m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	87m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
E	89m N	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
F	94m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
20	123m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	174m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	175m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	175m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	190m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	190m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	233m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

18

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 46 >](#)

This data is sourced from the Ordnance Survey.



6.3 WFD Surface water body catchments

Records on site

1

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 46 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
12	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Ouse Lower Yorkshire	Wharfe and Ouse Lower

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

6.4 WFD Surface water bodies

Records identified

1

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 46 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	635m NE	River	Ouse from R Wharfe to Upper Humber	GB104027064270 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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



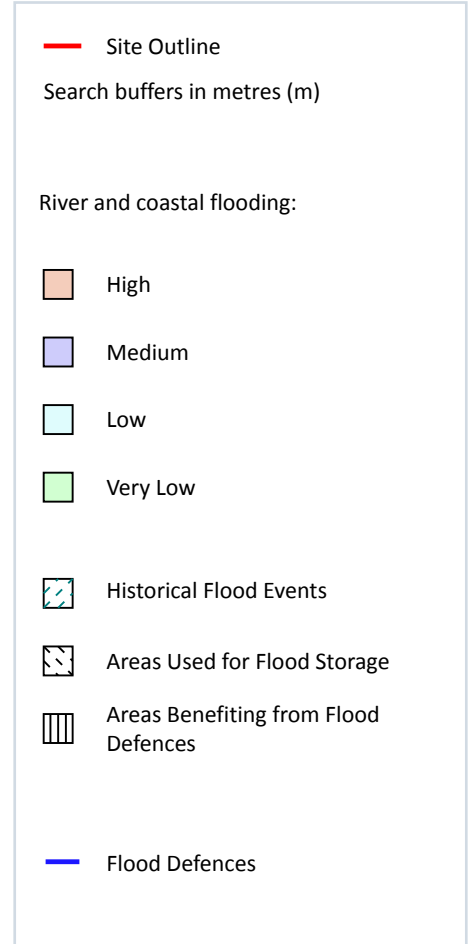
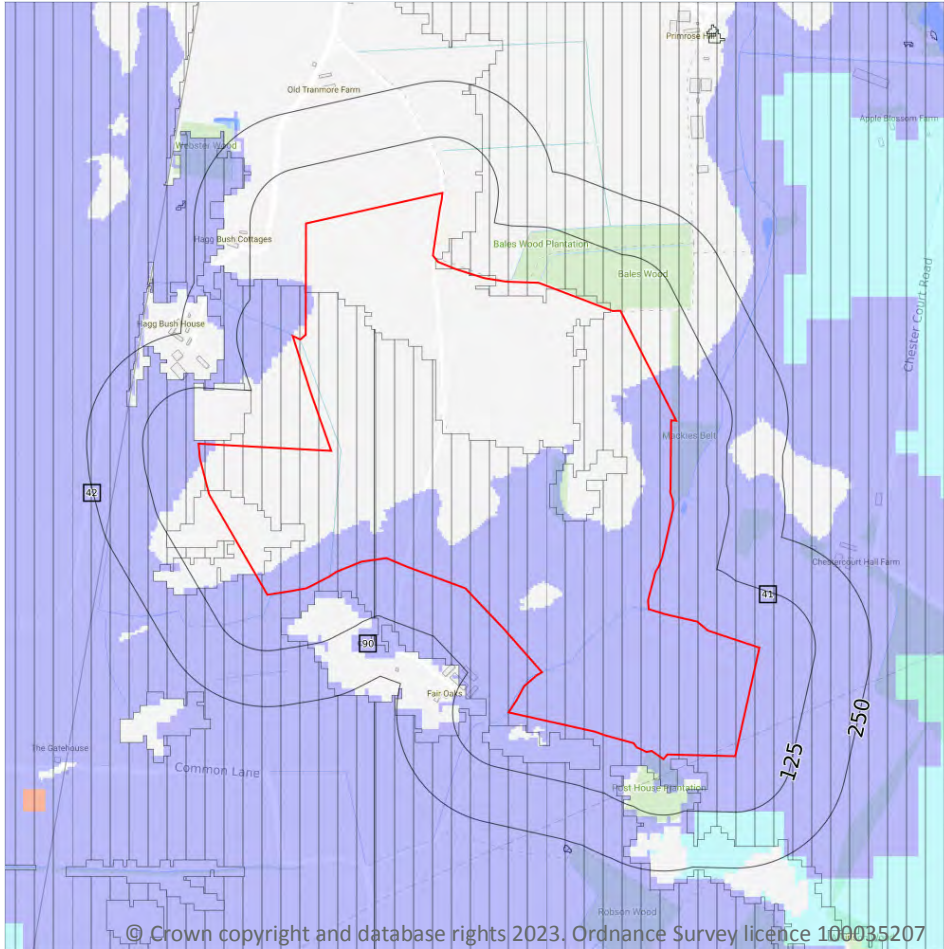
Features are displayed on the Hydrology map on [page 46 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
13	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

52

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 51](#) >

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

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

7.2 Historical Flood Events

Records within 250m	0
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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.

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	3
----------------------------	----------

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.

Features are displayed on the River and coastal flooding map on [page 51](#) >

ID	Location	
41	On site	Area benefiting from flood defences
42	On site	Area benefiting from flood defences
90	159m SW	Area benefiting from flood defences

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



7.5 Flood Storage Areas

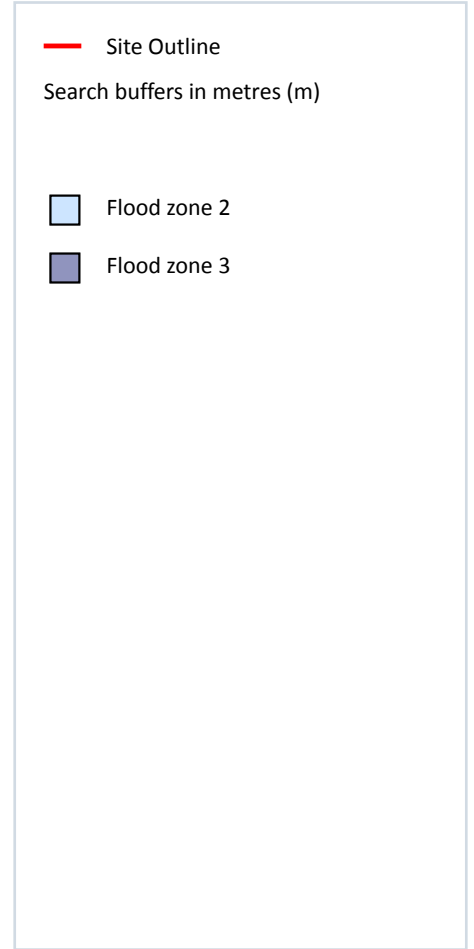
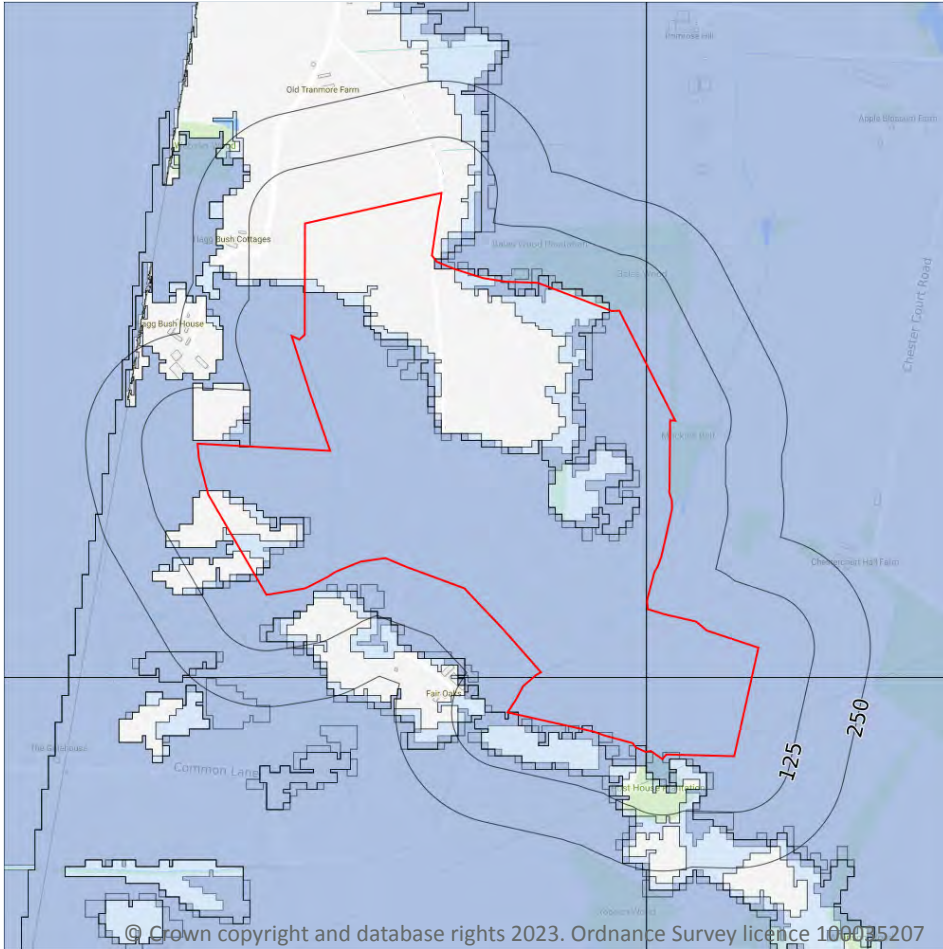
Records within 250m

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



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 51](#) >

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

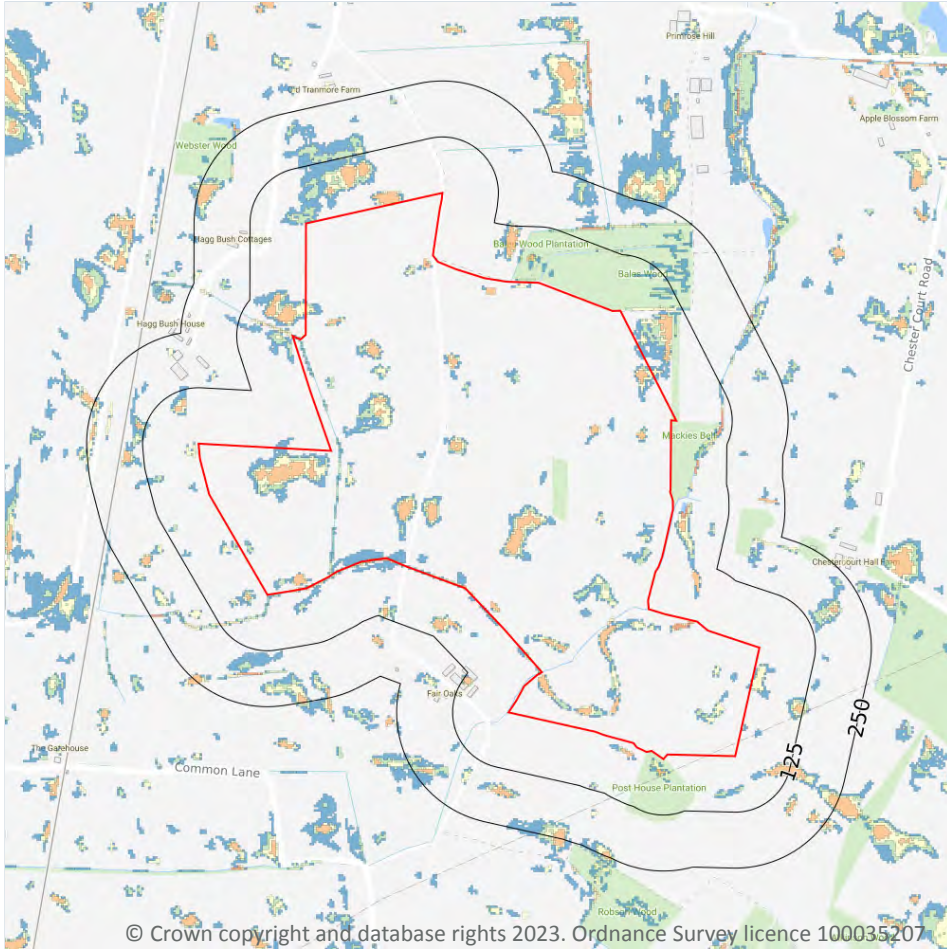
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 51](#) >

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on [page 56 >](#)

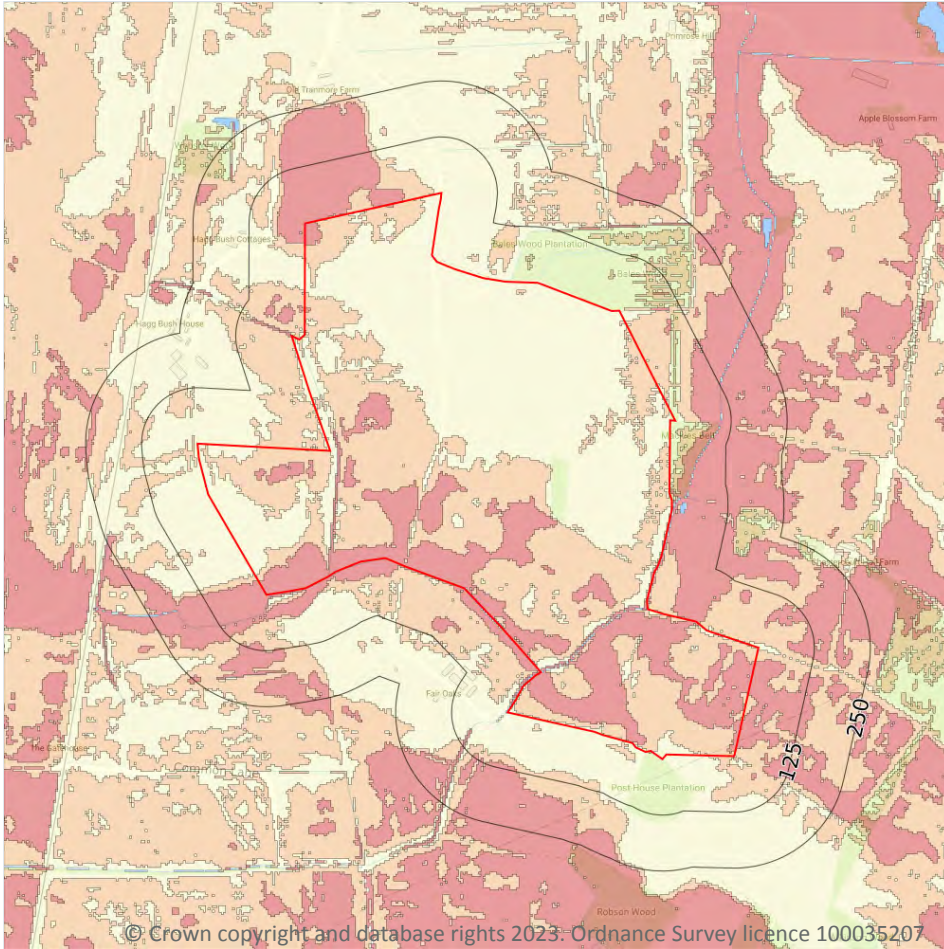
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

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

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



— 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

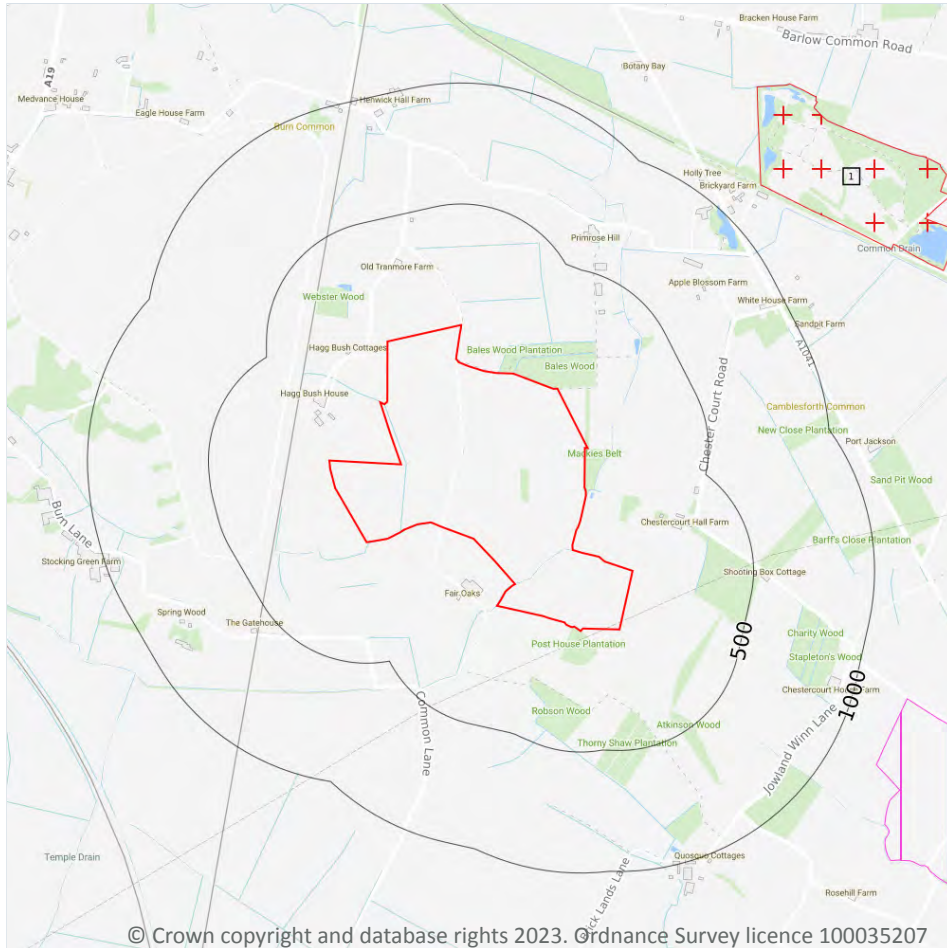
High

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 58](#) >

This data is sourced from Ambient Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

1

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.

Features are displayed on the Environmental designations map on [page 59 >](#)

ID	Location	Name	Data source
1	1190m NE	Barlow Common	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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.

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

1

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).

Features are displayed on the Environmental designations map on [page 59 >](#)

ID	Location	Name	Data source
2	1197m SE	Carlton	Natural England

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

5

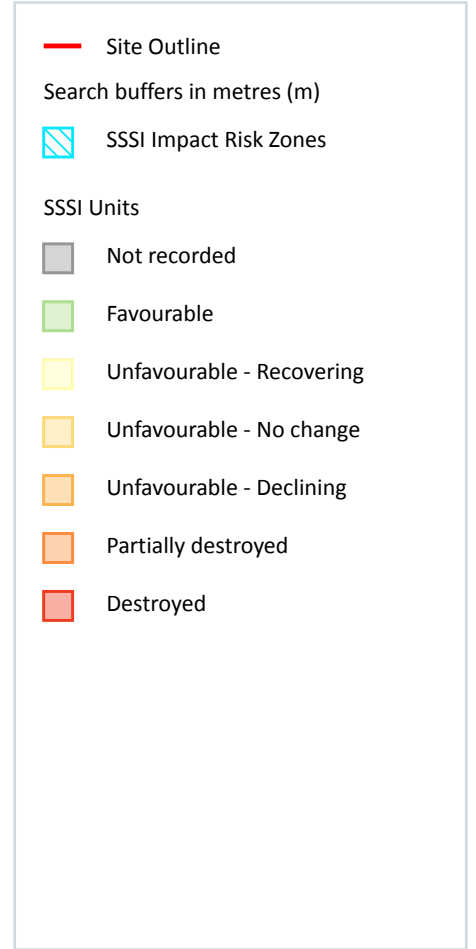
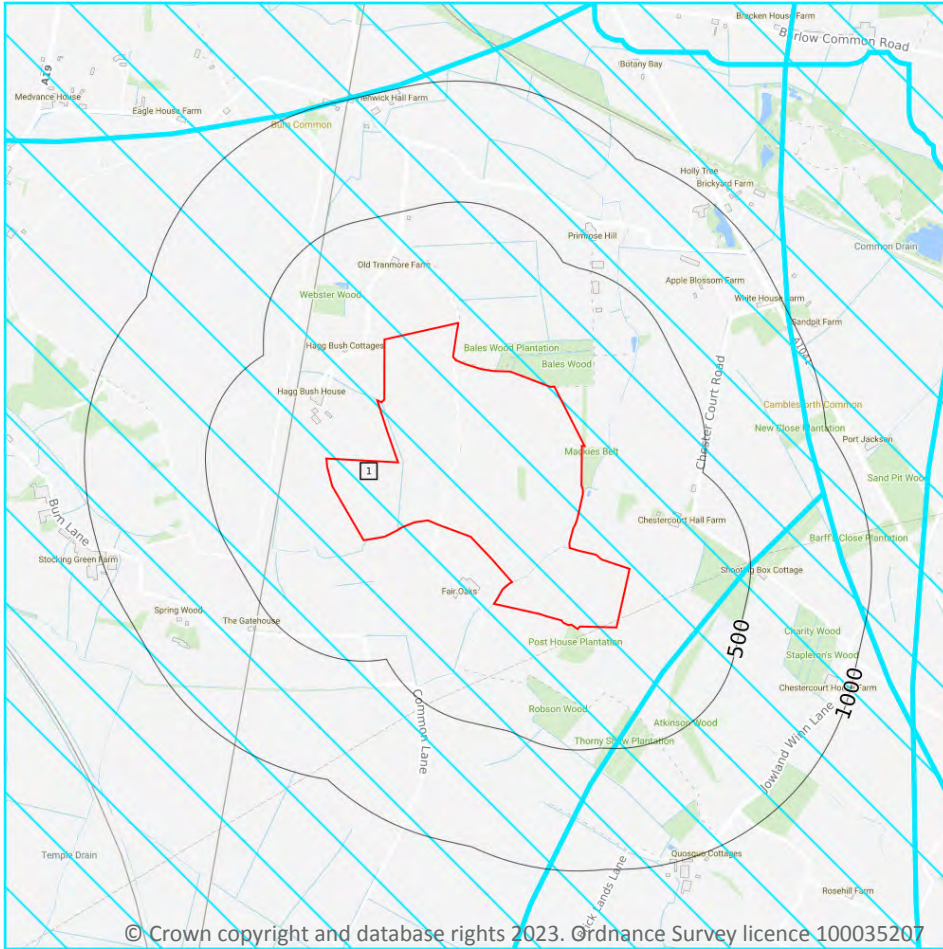
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
824m NW	The Fleet from Source to River Aire NVZ	Surface Water	272	Existing
885m S	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1708m NW	Brayton	Groundwater	107	Existing
1947m E	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

1

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 64](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m².</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.

10.18 SSSI Units

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

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.

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

11 Visual and cultural designations

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

0

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



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

11.5 Conservation Areas

Records within 250m

0

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.

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

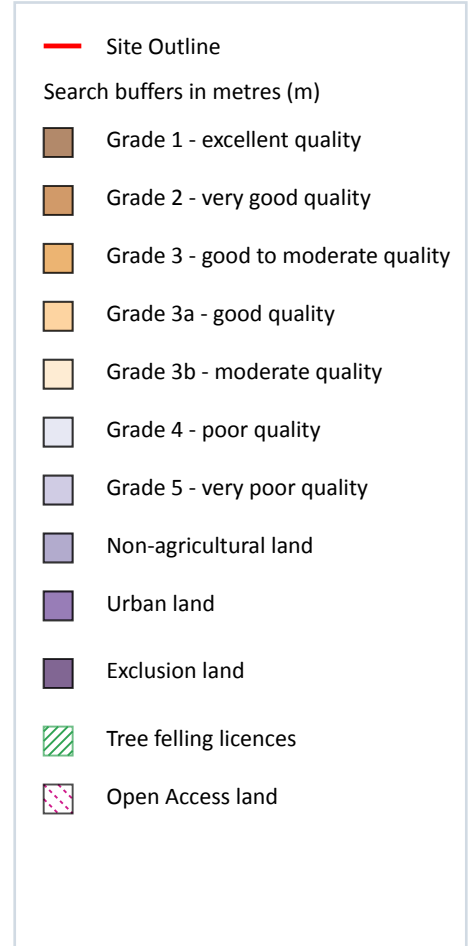
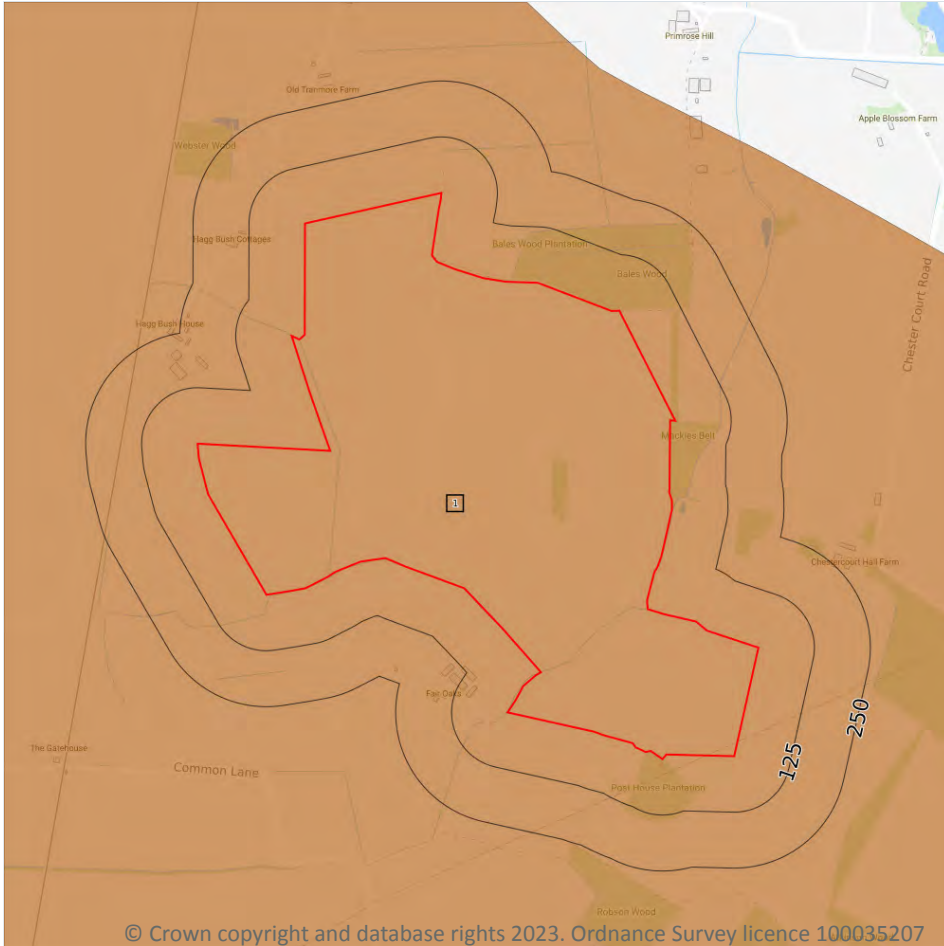
0

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



12.1 Agricultural Land Classification

Records within 250m

1

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 68](#) >

ID	Location	Classification	Description
1	On site	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

0

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.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m	14
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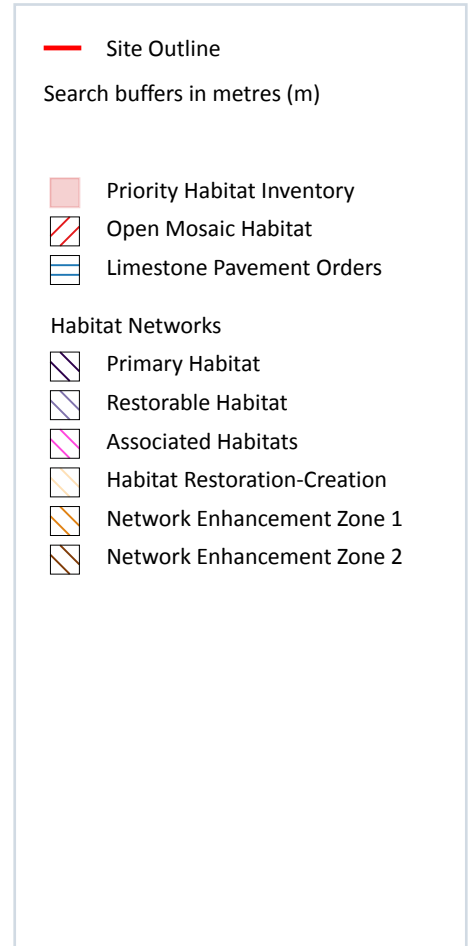
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
0m SW	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
4m SE	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
7m E	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
53m S	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
80m NW	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
102m E	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
176m W	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
226m W	490868	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

9

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 71 >](#)

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (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	18m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	18m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	151m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	191m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	250m S	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

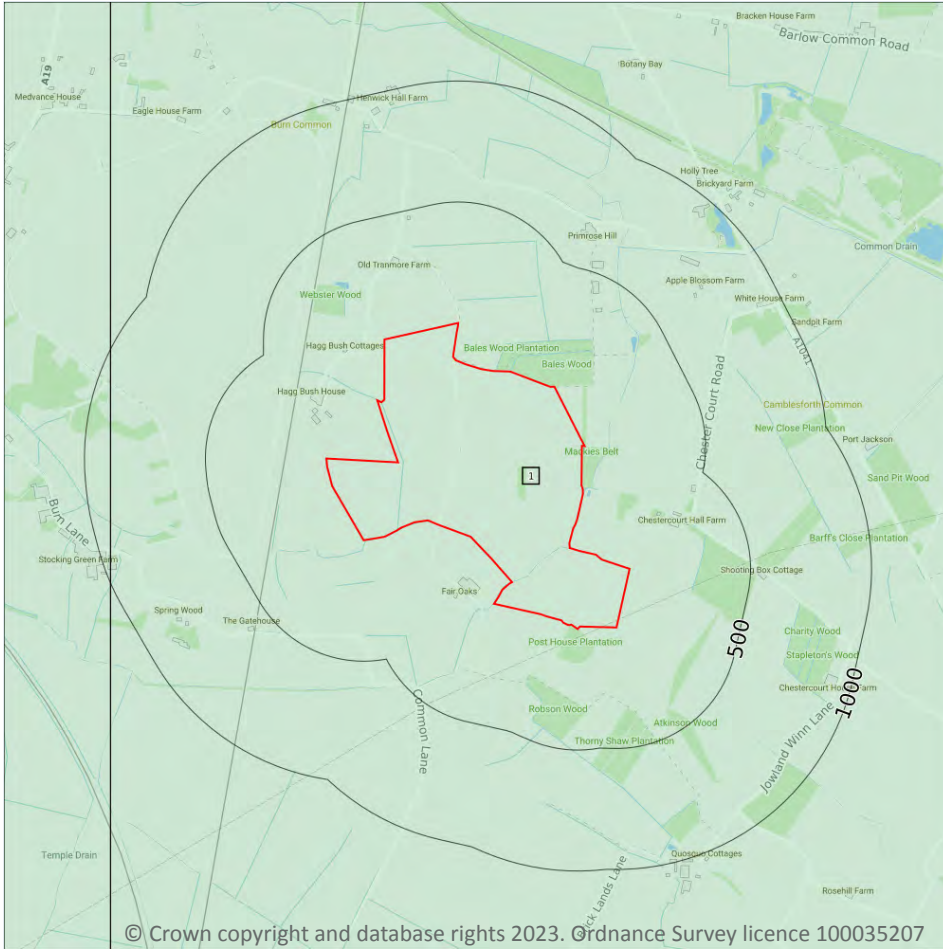
0

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

1

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 73](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NW

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

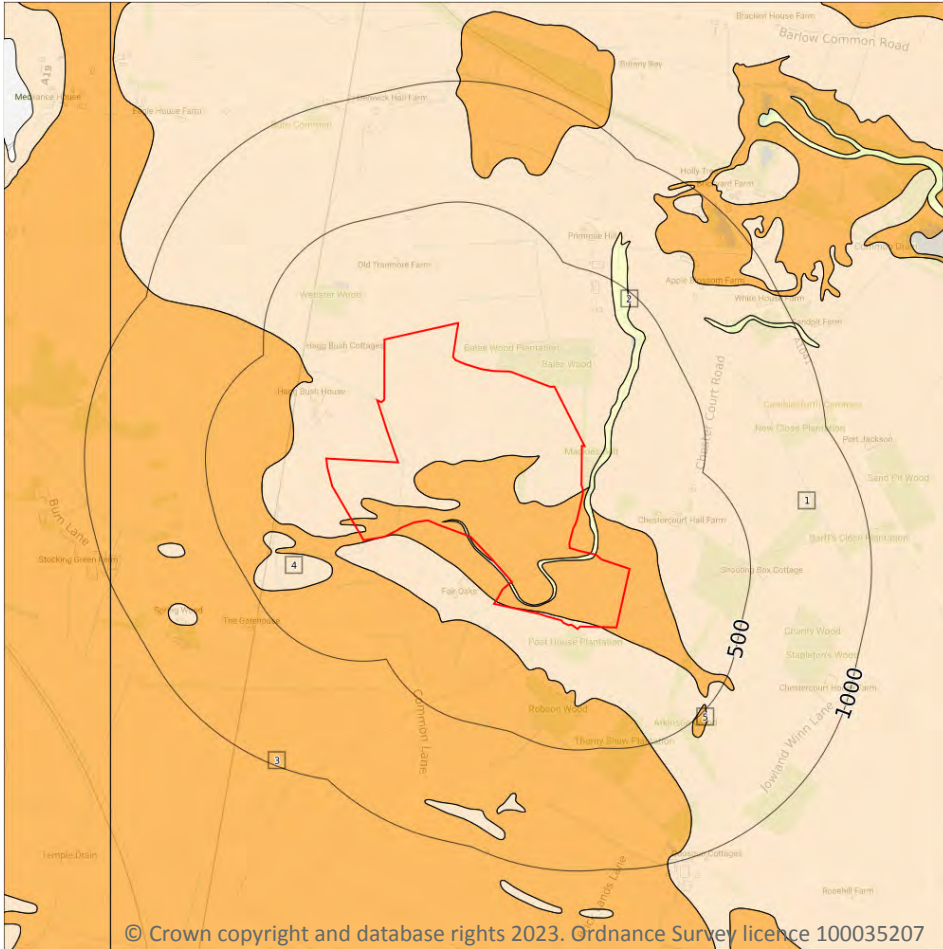
0


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

5

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 75 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	Brighton Sand Formation - Sand	Sand
2	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
3	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
4	171m SW	BREI-S	Brighton Sand Formation - Sand	Sand



ID	Location	LEX Code	Description	Rock description
5	482m SE	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

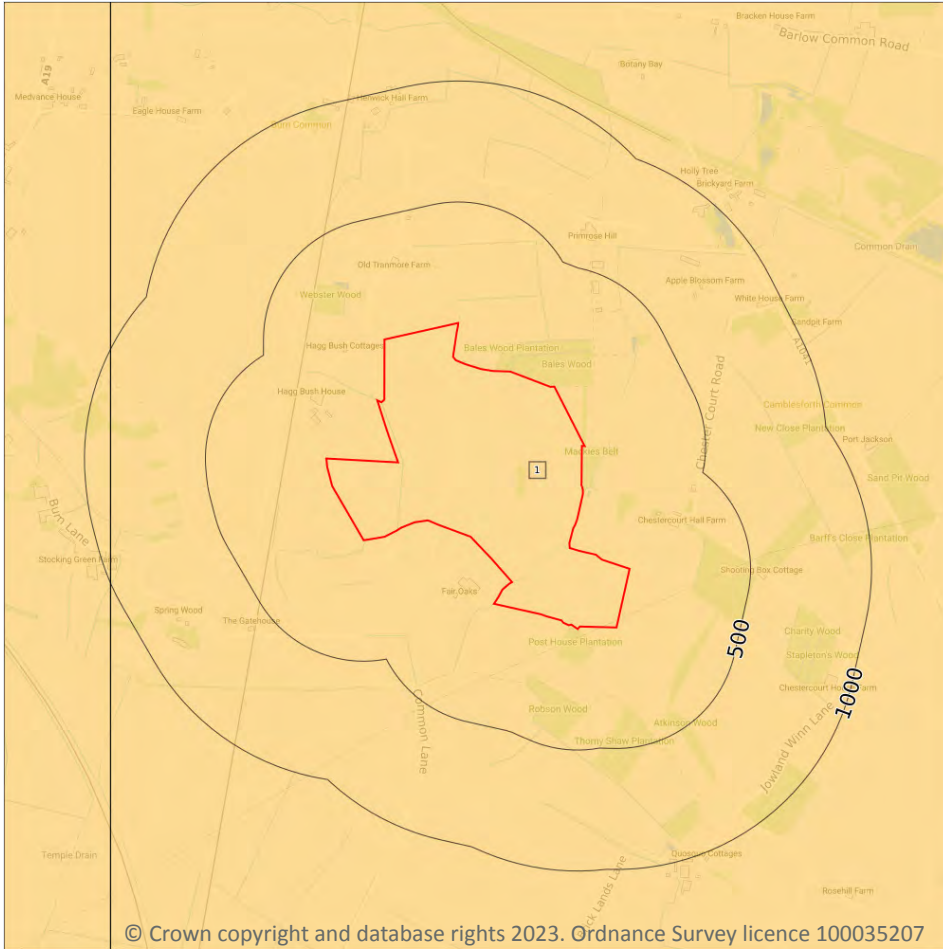
0

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

1

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 77](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

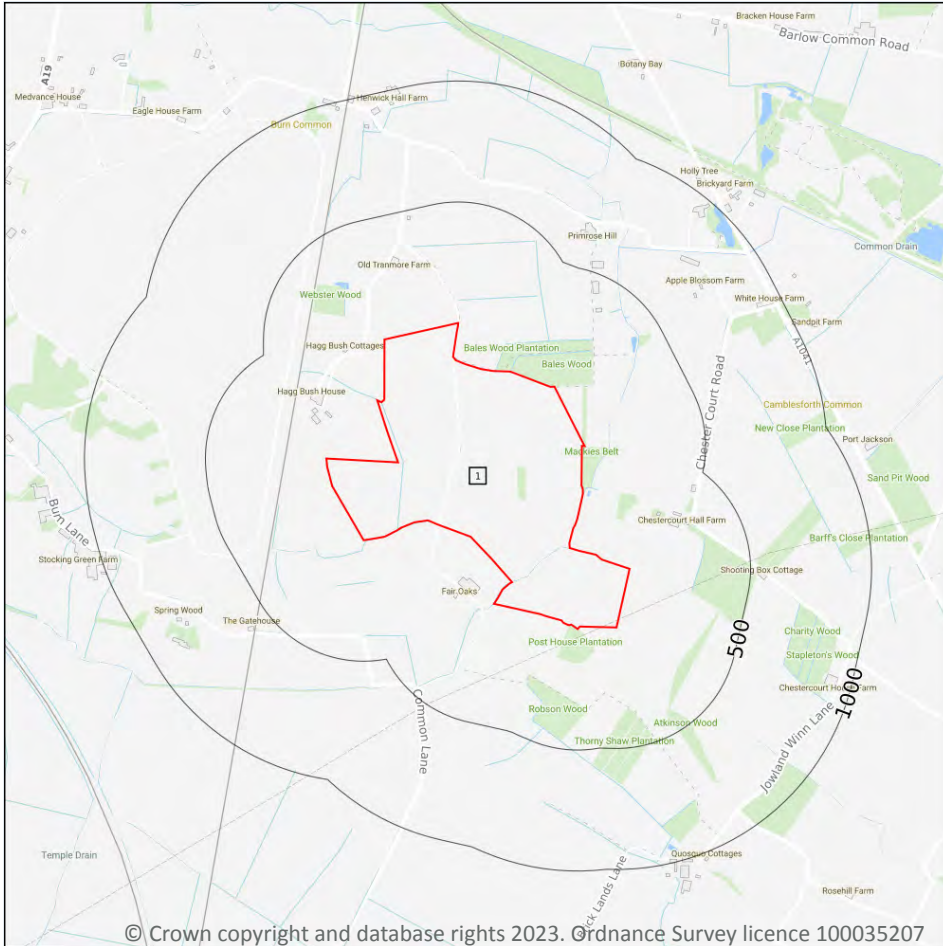
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— 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 79](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_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)

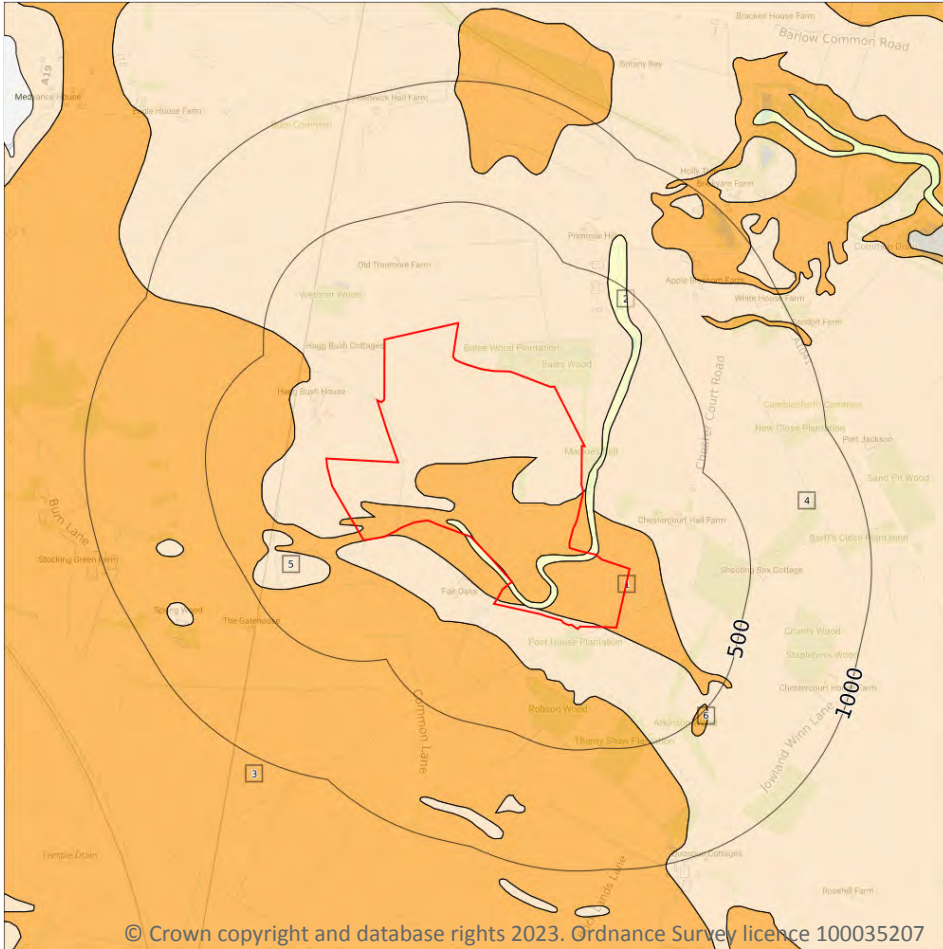
Records within 50m


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

6

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 81](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
2	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
4	On site	BREI-S	BREIGHTON SAND FORMATION	SAND



ID	Location	LEX Code	Description	Rock description
5	176m SW	BREI-S	BREIGHTON SAND FORMATION	SAND
6	480m SE	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY

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	High	High
On site	Mixed	Low	Very Low
On site	Mixed	Low	Very Low

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

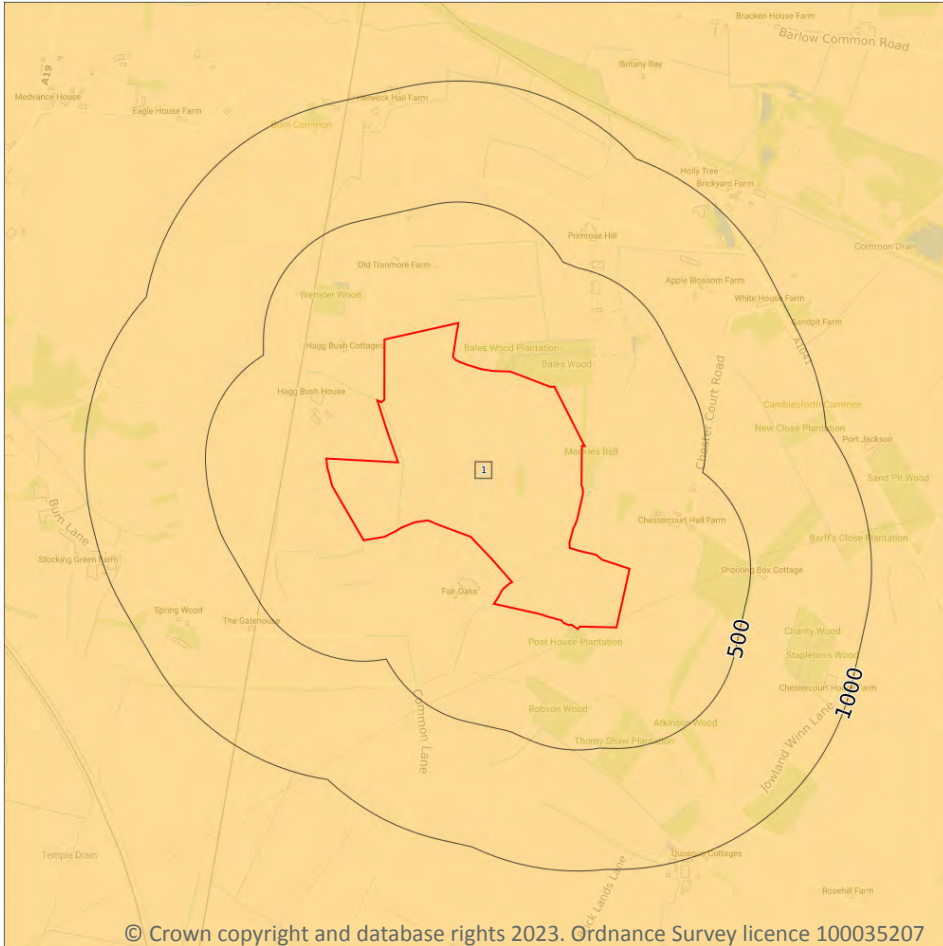
0

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

1

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 83](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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	High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

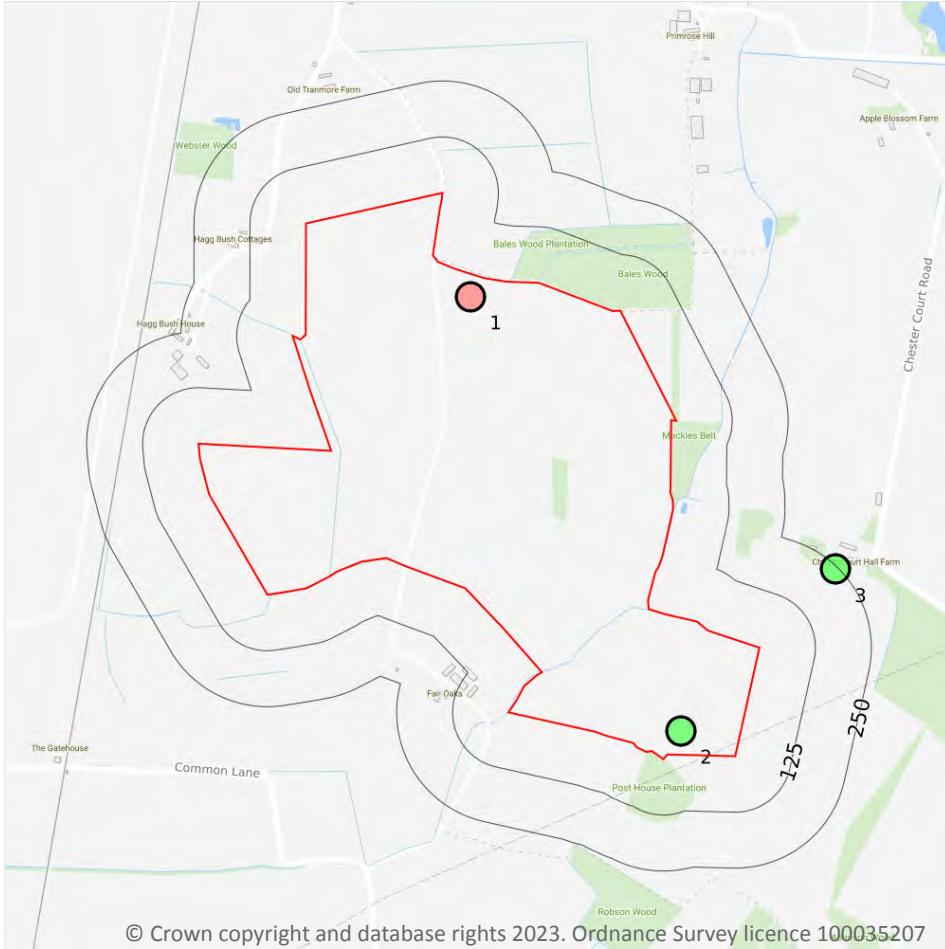
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
 Search buffers in metres (m)

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

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16.1 BGS Boreholes

Records within 250m

3

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 85](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	461500 427900	FAIROAKS SELBY	60.0	N	121520 ↗
2	On site	461970 426930	LANCASHIRE - YORKSHIRE MOTORWAY M62 BL714	10.46	N	16096237 ↗

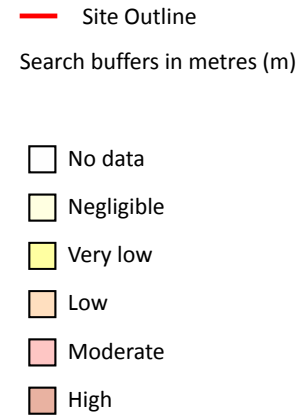
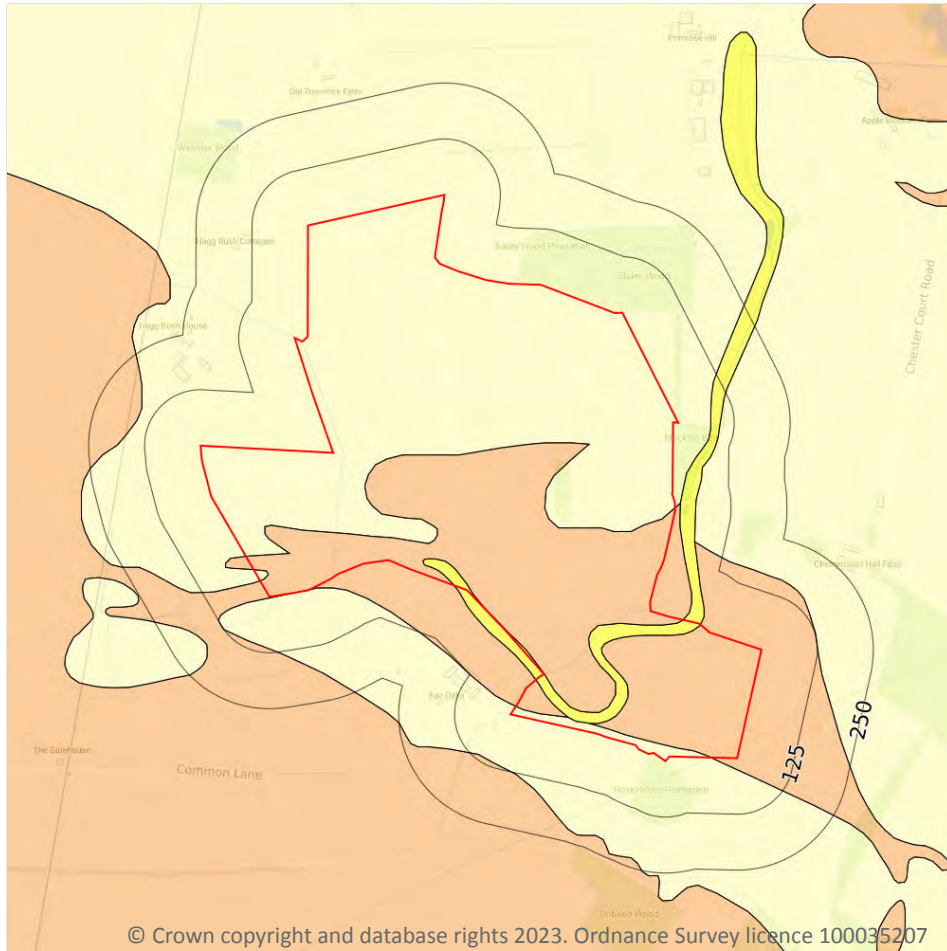


ID	Location	Grid reference	Name	Length	Confidential	Web link
3	245m E	462315 427292	CHESTER COURTS HALL FARM, CAMBLESFORTH	25.91	N	121486 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

3

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).

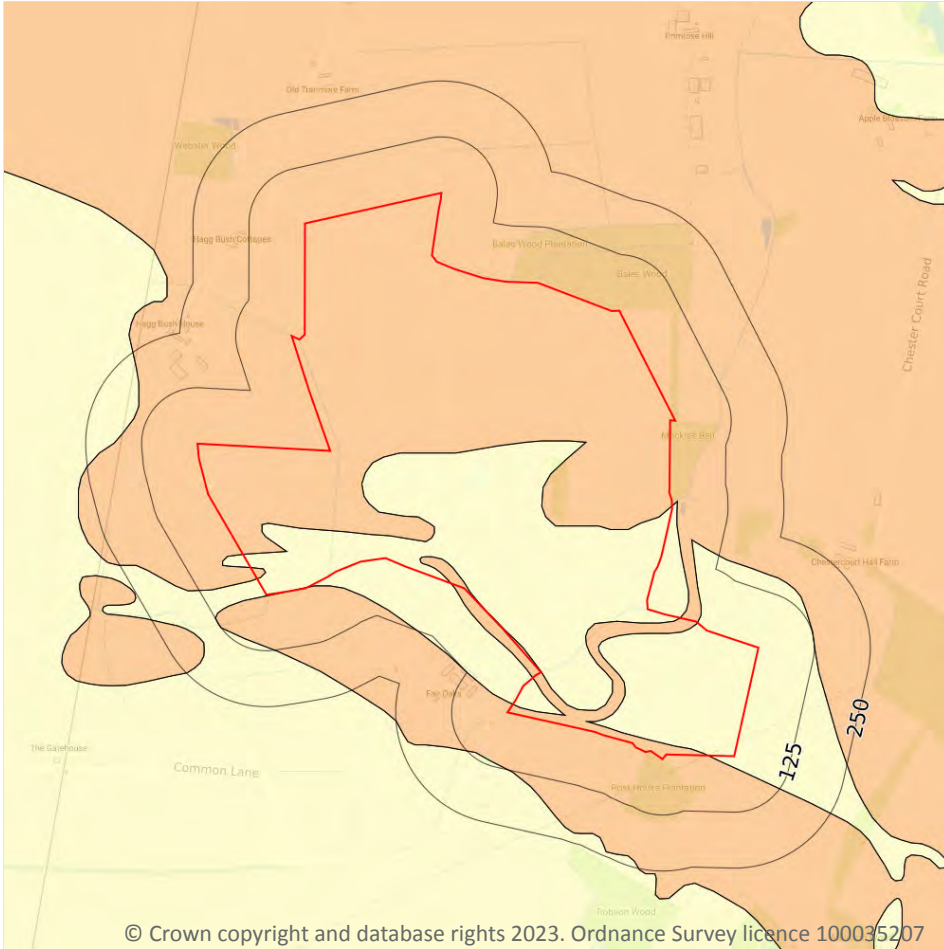
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 87 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m

2

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 89](#) >

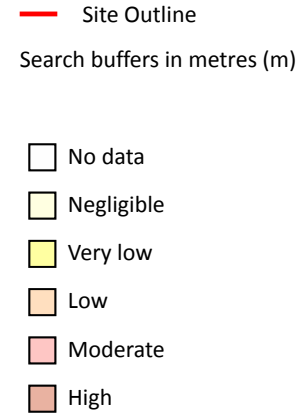
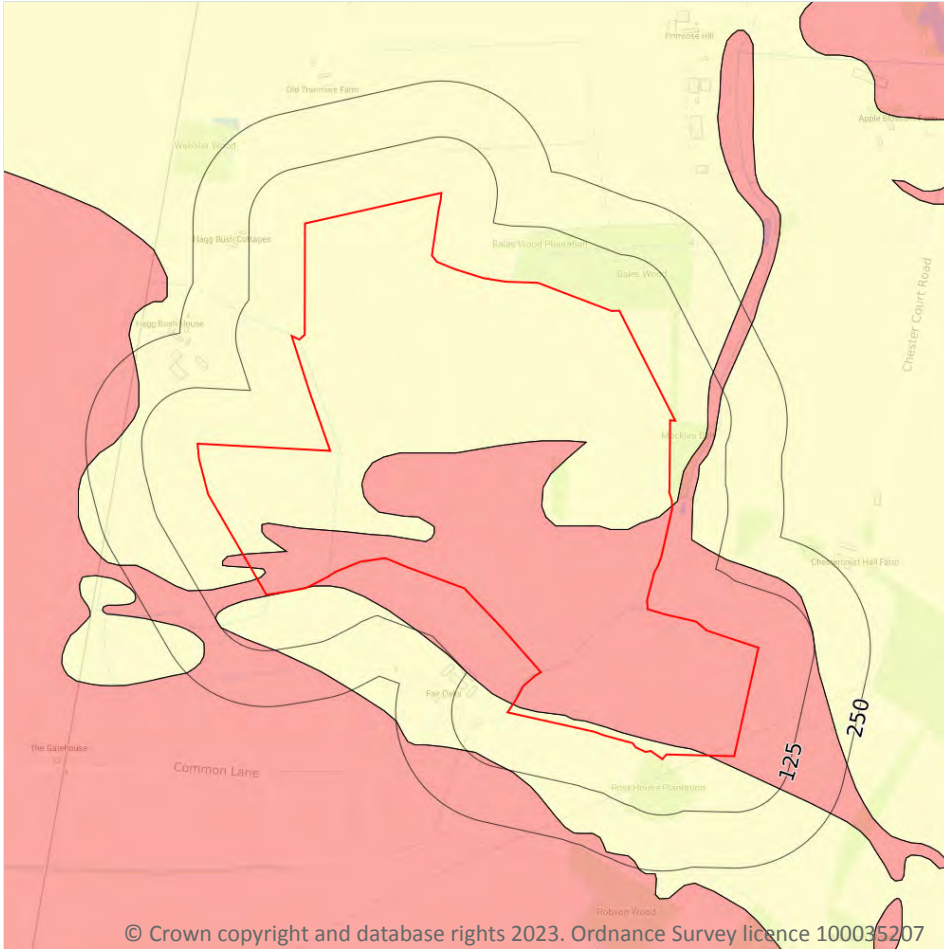
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

2

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 91](#) >

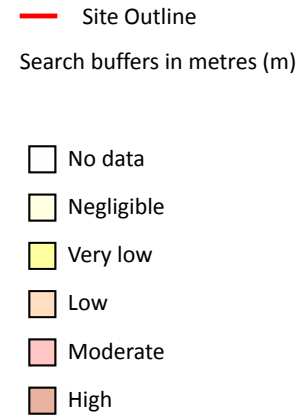
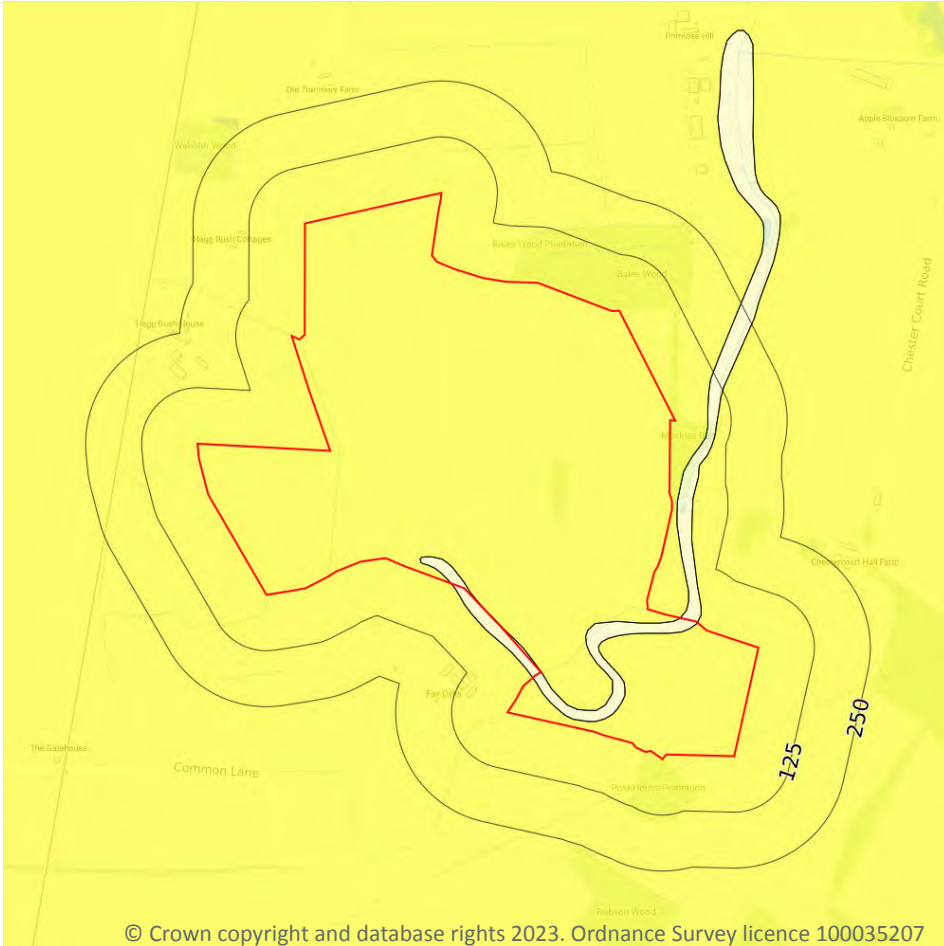
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m

2

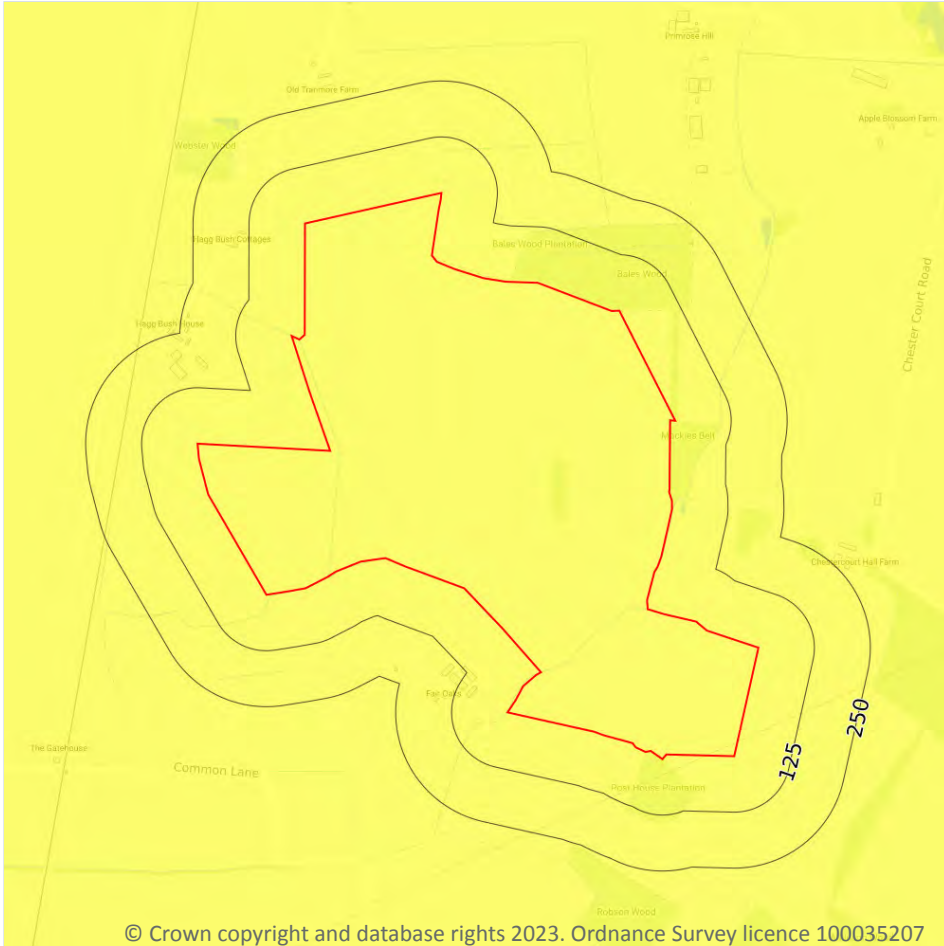
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 93 >](#)

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

1

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.

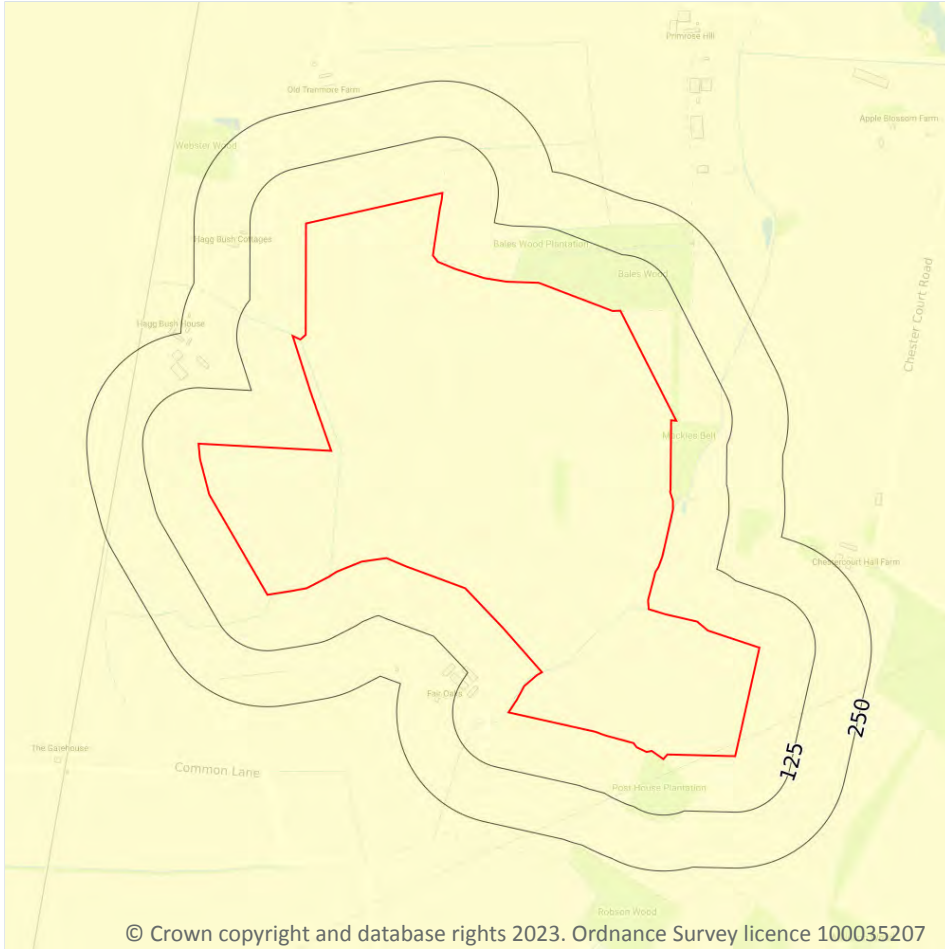
Features are displayed on the Natural ground subsidence - Landslides map on [page 94 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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.

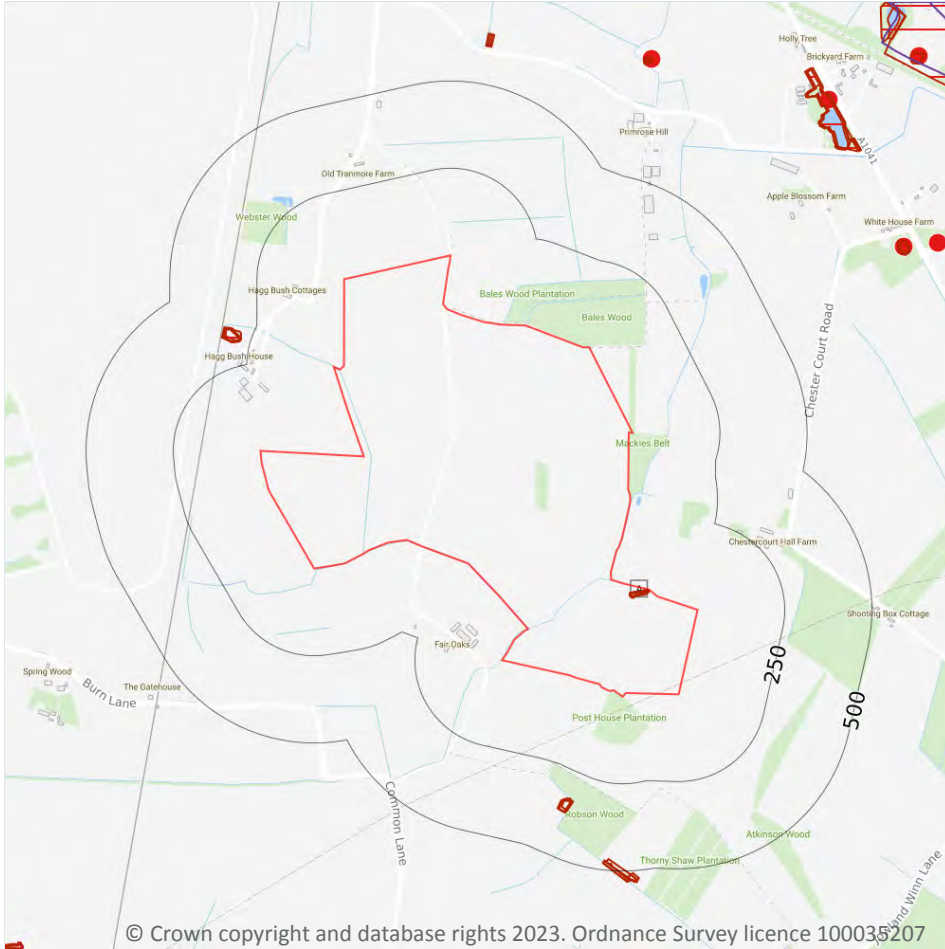
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 95](#)

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, ground workings and natural cavities



18.1 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.

18.2 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.

18.3 Surface ground workings

Records within 250m

3

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 97 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Pond	1950	1:10560
A	On site	Pond	1908	1:10560
A	On site	Pond	1973	1:10000

This data is sourced from Ordnance Survey/Groundsure.

18.4 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.

18.5 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

0

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).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous 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.

18.8 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.

18.9 Coal mining

Records on site

1

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

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.



18.10 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.

18.11 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 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 Radon



— Site Outline
 Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

19.1 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 101](#) >

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.



20.2 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.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

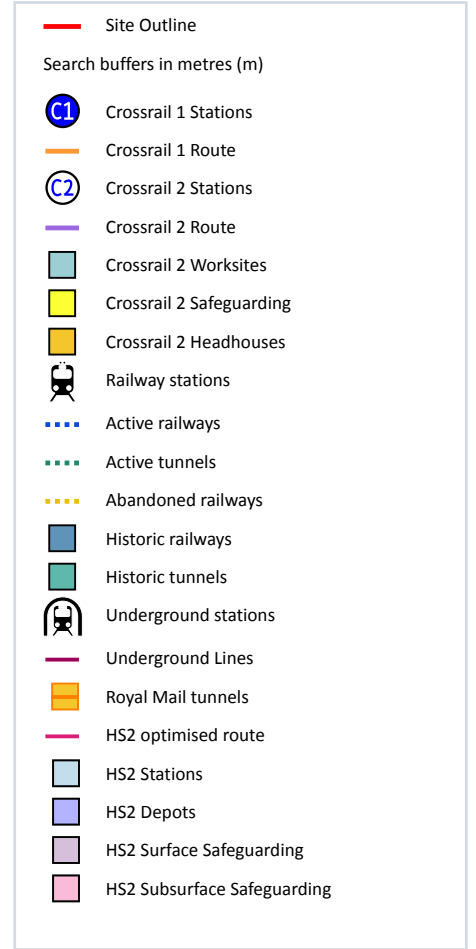
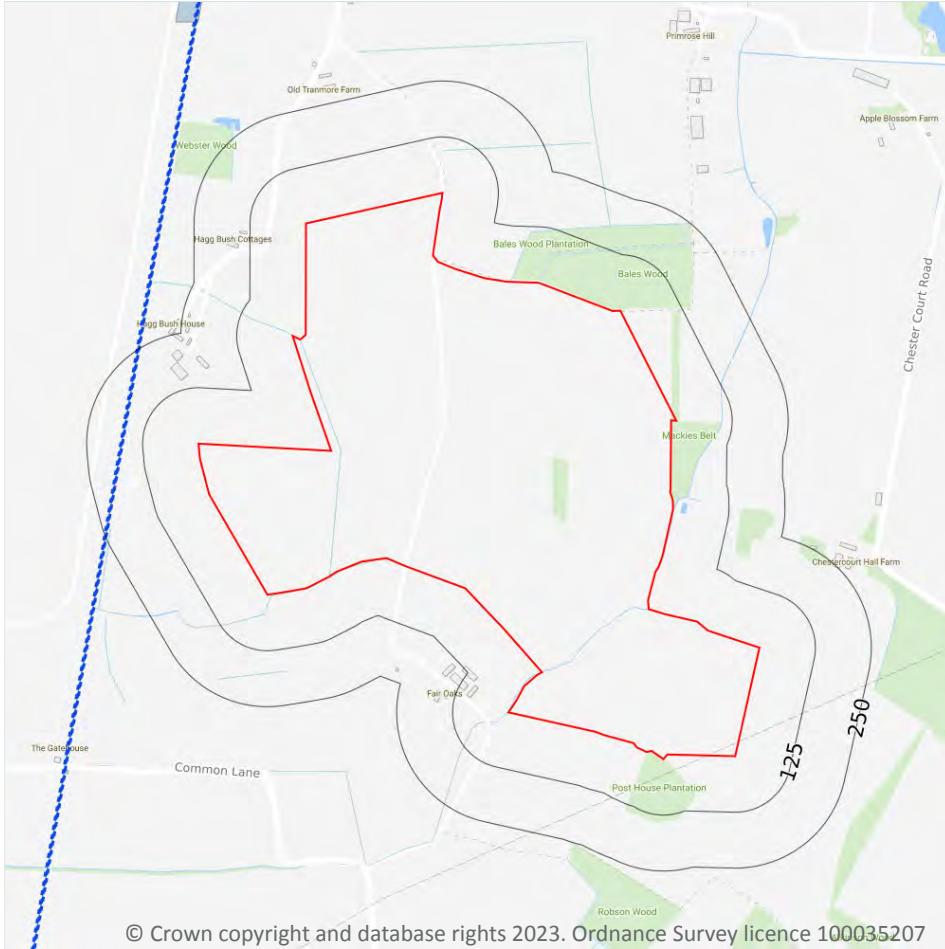
0

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.



21 Railway infrastructure and projects



21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

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.

21.5 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.

21.6 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.

21.7 Railways

Records within 250m

3

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on [page 106](#) >



Location	Name	Type
167m W	Selby Down	rail
169m W	Not given	Multi Track
171m W	Selby Up	rail

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

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.

21.10 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

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

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-april-2023/> ↗.



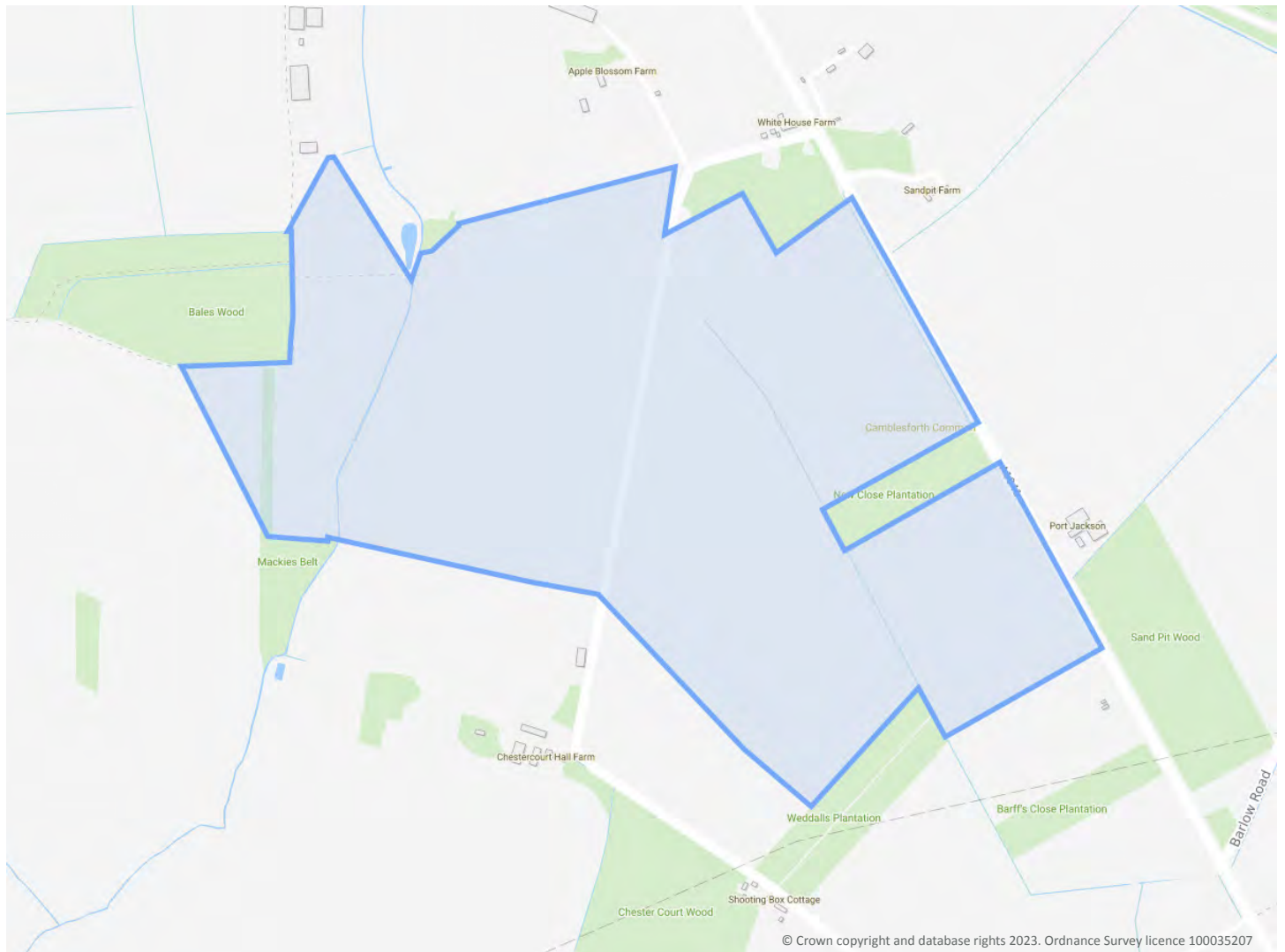
SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_C

Site Details

Location: 462403 427820
Area: 64.88 ha
Authority: [The North Yorkshire Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 8 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
12 >	1.1 >	Historical industrial land uses >	0	0	2	7	-
13 >	1.2 >	Historical tanks >	0	1	2	0	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
14 >	1.4 >	Historical petrol stations >	0	0	0	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	3	8	-
16 >	2.2 >	Historical tanks >	0	1	2	0	-
16 >	2.3 >	Historical energy features >	0	0	0	0	-
17 >	2.4 >	Historical petrol stations >	0	0	0	0	-
17 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
18 >	3.1 >	Active or recent landfill >	0	0	0	0	-
18 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
19 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
19 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	1	-
19 >	3.5 >	Historical waste sites >	0	0	0	0	-
19 >	3.6 >	Licensed waste sites >	0	0	0	0	-
20 >	3.7 >	Waste exemptions >	0	0	0	28	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
23 >	4.1 >	Recent industrial land uses >	0	0	5	-	-
24 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
24 >	4.3 >	Electricity cables >	0	0	0	0	-
24 >	4.4 >	Gas pipelines >	0	0	0	0	-
24 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



25	>	4.6	>	Control of Major Accident Hazards (COMAH)	>	0	0	0	0	-
25	>	4.7	>	Regulated explosive sites	>	0	0	0	0	-
25	>	4.8	>	Hazardous substance storage/usage	>	0	0	0	0	-
25	>	4.9	>	Historical licensed industrial activities (IPC)	>	0	0	0	0	-
25	>	4.10	>	Licensed industrial activities (Part A(1))	>	0	0	0	0	-
26	>	4.11	>	Licensed pollutant release (Part A(2)/B)	>	0	0	0	0	-
26	>	4.12	>	Radioactive Substance Authorisations	>	0	0	0	0	-
26	>	4.13	>	Licensed Discharges to controlled waters	>	0	0	0	0	-
26	>	4.14	>	Pollutant release to surface waters (Red List)	>	0	0	0	0	-
26	>	4.15	>	Pollutant release to public sewer	>	0	0	0	0	-
27	>	4.16	>	List 1 Dangerous Substances	>	0	0	0	0	-
27	>	4.17	>	List 2 Dangerous Substances	>	0	0	0	0	-
27	>	4.18	>	Pollution Incidents (EA/NRW)	>	0	0	0	0	-
27	>	4.19	>	Pollution inventory substances	>	0	0	0	0	-
27	>	4.20	>	Pollution inventory waste transfers	>	0	0	0	0	-
28	>	4.21	>	Pollution inventory radioactive waste	>	0	0	0	0	-
Page	Section	Hydrogeology			On site	0-50m	50-250m	250-500m	500-2000m	
29	>	5.1	>	Superficial aquifer	Identified (within 500m)					
31	>	5.2	>	Bedrock aquifer	Identified (within 500m)					
32	>	5.3	>	Groundwater vulnerability	Identified (within 50m)					
34	>	5.4	>	Groundwater vulnerability- soluble rock risk	None (within 0m)					
34	>	5.5	>	Groundwater vulnerability- local information	None (within 0m)					
35	>	5.6	>	Groundwater abstractions	0	0	0	17	26	
46	>	5.7	>	Surface water abstractions	0	0	0	0	3	
47	>	5.8	>	Potable abstractions	0	0	0	0	0	
47	>	5.9	>	Source Protection Zones	1	0	0	1	-	
48	>	5.10	>	Source Protection Zones (confined aquifer)	0	0	0	0	-	
Page	Section	Hydrology			On site	0-50m	50-250m	250-500m	500-2000m	
49	>	6.1	>	Water Network (OS MasterMap)	9	4	16	-	-	



52 >	6.2 >	Surface water features >	1	5	11	-	-
52 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
53 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
53 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
54 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
55 >	7.2 >	Historical Flood Events >	0	0	1	-	-
55 >	7.3 >	Flood Defences >	0	0	0	-	-
55 >	7.4 >	Areas Benefiting from Flood Defences >	1	0	0	-	-
56 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
57 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
58 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
59 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
61 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
62 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
63 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
63 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
63 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
63 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
64 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	1	0
64 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	0
64 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
64 >	10.9 >	Forest Parks >	0	0	0	0	0
65 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
65 >	10.11 >	Green Belt >	0	0	0	0	0
65 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



65 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
65 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
66 >	10.15 >	Nitrate Sensitive Areas >	0	0	0	0	1
66 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	4
67 >	10.17 >	SSSI Impact Risk Zones >	3	-	-	-	-
68 >	10.18 >	SSSI Units >	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
69 >	11.1 >	World Heritage Sites >	0	0	0	-	-
69 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
69 >	11.3 >	National Parks >	0	0	0	-	-
69 >	11.4 >	Listed Buildings >	0	0	0	-	-
70 >	11.5 >	Conservation Areas >	0	0	0	-	-
70 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
70 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
71 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
72 >	12.2 >	Open Access Land >	0	0	0	-	-
72 >	12.3 >	Tree Felling Licences >	0	0	0	-	-
72 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
73 >	12.5 >	Countryside Stewardship Schemes >	3	2	2	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
74 >	13.1 >	Priority Habitat Inventory >	7	3	8	-	-
75 >	13.2 >	Habitat Networks >	0	0	0	-	-
75 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
76 >	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
77 >	14.1 >	10k Availability >	Identified (within 500m)				
78 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
79 >	14.3 >	Superficial geology (10k) >	3	0	3	4	-

80 >	14.4 >	Landslip (10k) >	0	0	0	0	-
81 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
82 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
83 >	15.1 >	50k Availability >	Identified (within 500m)				
84 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
84 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
85 >	15.4 >	Superficial geology (50k) >	3	0	3	5	-
86 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
86 >	15.6 >	Landslip (50k) >	0	0	0	0	-
87 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
88 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
89 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
89 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
90 >	16.1 >	BGS Boreholes >	0	2	3	-	-
Page	Section	Natural ground subsidence >					
92 >	17.1 >	Shrink swell clays >	Low (within 50m)				
94 >	17.2 >	Running sands >	Low (within 50m)				
96 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
98 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
99 >	17.5 >	Landslides >	Very low (within 50m)				
100 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
102 >	18.1 >	Natural cavities >	0	0	0	0	-
103 >	18.2 >	BritPits >	0	0	2	2	-
104 >	18.3 >	Surface ground workings >	0	0	3	-	-
104 >	18.4 >	Underground workings >	0	0	0	0	0
104 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



104 >	18.6 >	Non-coal mining >	0	0	0	0	0
105 >	18.7 >	Mining cavities >	0	0	0	0	0
105 >	18.8 >	JPB mining areas >	None (within 0m)				
105 >	18.9 >	Coal mining >	Identified (within 0m)				
105 >	18.10 >	Brine areas >	None (within 0m)				
106 >	18.11 >	Gypsum areas >	None (within 0m)				
106 >	18.12 >	Tin mining >	None (within 0m)				
106 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	Radon >					
107 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
109 >	20.1 >	BGS Estimated Background Soil Chemistry >	20	0	-	-	-
110 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
110 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
111 >	21.1 >	Underground railways (London) >	0	0	0	-	-
111 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
111 >	21.3 >	Railway tunnels >	0	0	0	-	-
111 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
111 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
112 >	21.6 >	Historical railways >	0	0	0	-	-
112 >	21.7 >	Railways >	0	0	0	-	-
112 >	21.8 >	Crossrail 1 >	0	0	0	0	-
112 >	21.9 >	Crossrail 2 >	0	0	0	0	-
112 >	21.10 >	HS2 >	0	0	0	0	-

Recent aerial photograph



Capture Date: 24/06/2020

Site Area: 64.88ha



Recent site history - 2017 aerial photograph



Capture Date: 19/09/2017

Site Area: 64.88ha



Recent site history - 2007 aerial photograph



Capture Date: 24/08/2007

Site Area: 64.88ha



Recent site history - 1999 aerial photograph

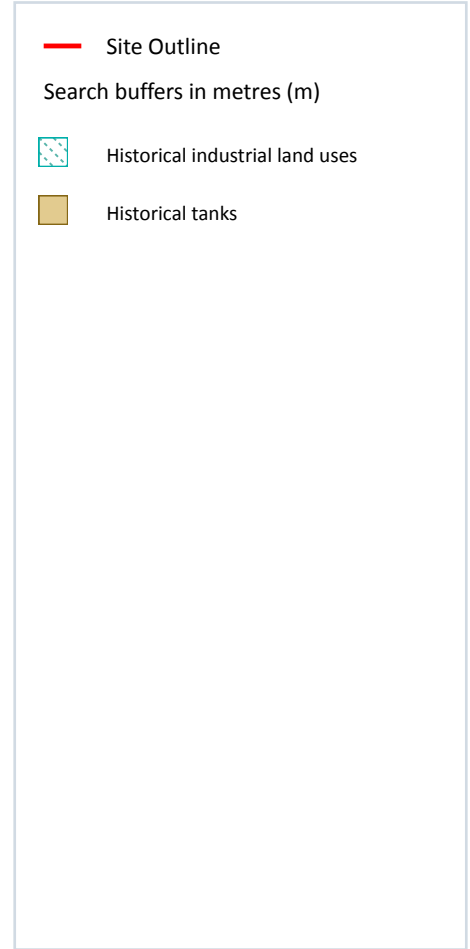
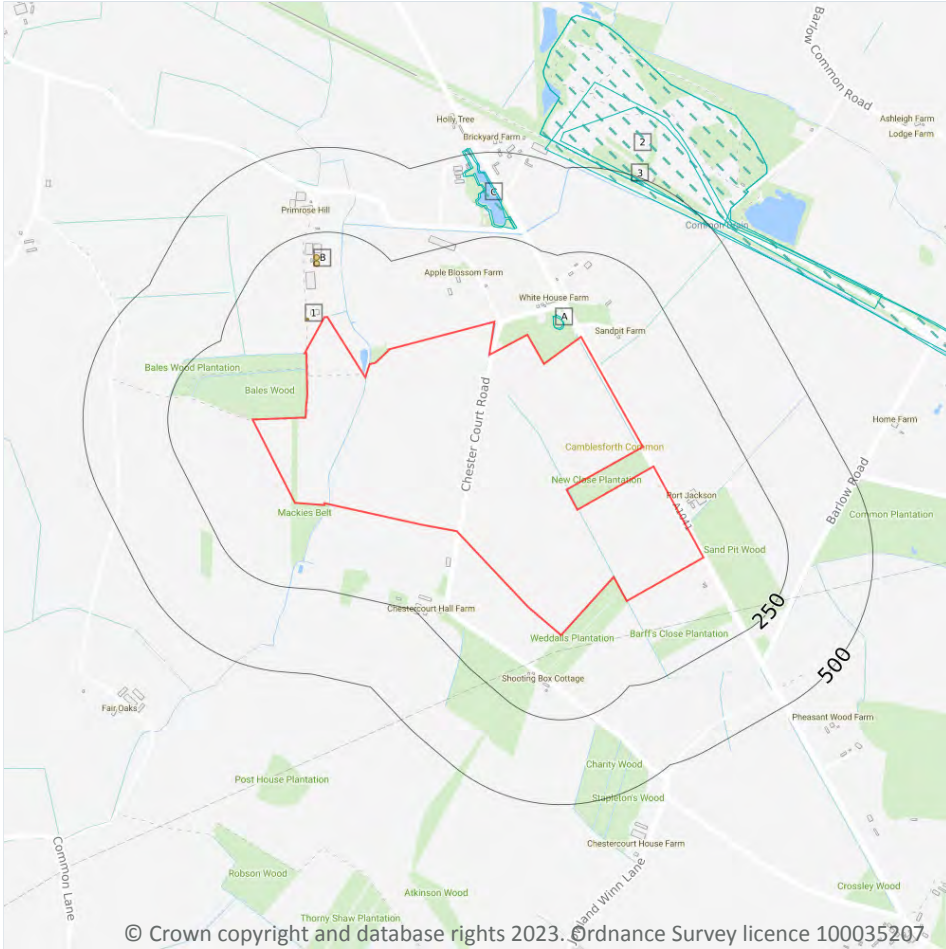


Capture Date: 18/05/1999

Site Area: 64.88ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

9

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 12 >](#)

ID	Location	Land use	Dates present	Group ID
A	52m NE	Sand Pit	1950	1482281

ID	Location	Land use	Dates present	Group ID
A	56m NE	Sand Pit	1908	1536776
C	279m N	Old Clay Pits	1908 - 1950	1466107
C	281m N	Old Clay Pits	1950	1547971
2	456m NE	Railway Sidings	1950	1490673
D	481m NE	Refuse Heap	1973	1437751
D	481m NE	Railway Sidings	1973	1486992
3	486m NE	Railway Building	1950	1430192
4	487m NE	Railway Sidings	1950	1530171

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

3

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 12 >](#)

ID	Location	Land use	Dates present	Group ID
1	37m NW	Unspecified Tank	1995	227771
B	152m NW	Unspecified Tank	1996	227773
B	170m NW	Unspecified Tank	1996	227772

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.



This data is sourced from Ordnance Survey / Groundsure.

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

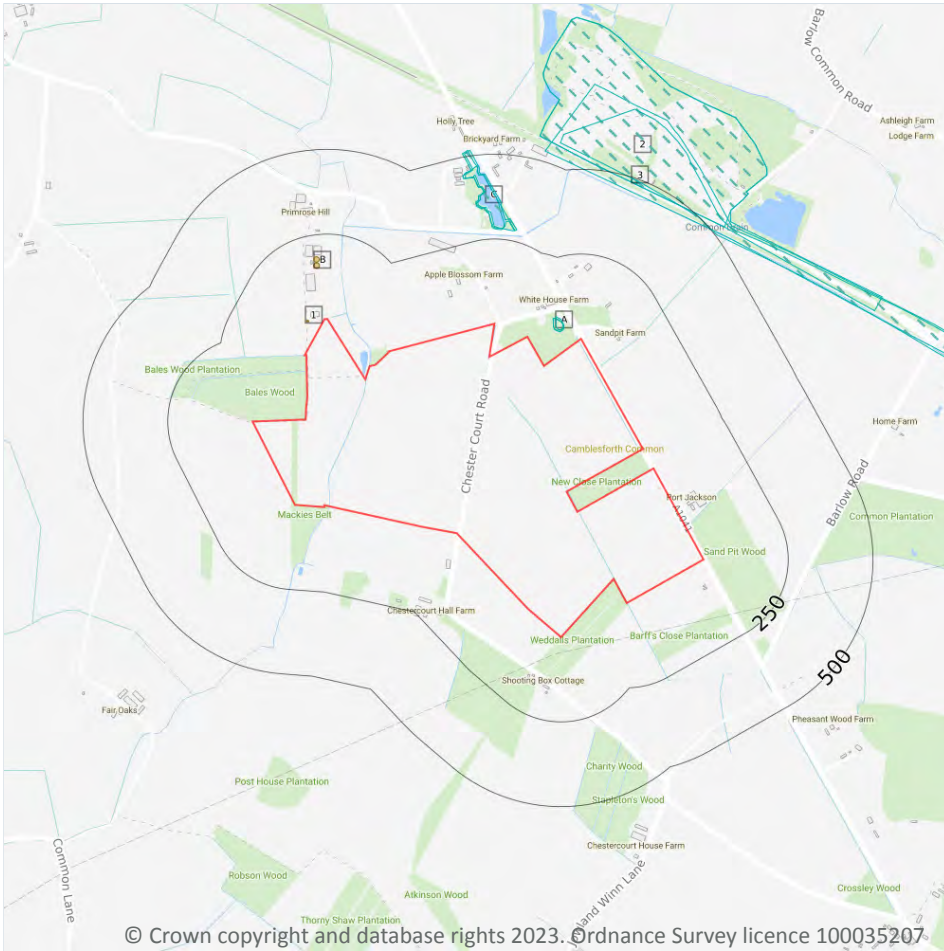
0

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



2.1 Historical industrial land uses

Records within 500m

11

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 15 >](#)

ID	Location	Land Use	Date	Group ID
A	52m NE	Sand Pit	1950	1482281
A	56m NE	Sand Pit	1950	1482281
A	56m NE	Sand Pit	1908	1536776

ID	Location	Land Use	Date	Group ID
C	279m N	Old Clay Pits	1950	1466107
C	280m N	Old Clay Pits	1908	1466107
C	281m N	Old Clay Pits	1950	1547971
2	456m NE	Railway Sidings	1950	1490673
D	481m NE	Refuse Heap	1973	1437751
D	481m NE	Railway Sidings	1973	1486992
3	486m NE	Railway Building	1950	1430192
4	487m NE	Railway Sidings	1950	1530171

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

3

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 15 >](#)

ID	Location	Land Use	Date	Group ID
1	37m NW	Unspecified Tank	1995	227771
B	152m NW	Unspecified Tank	1996	227773
B	170m NW	Unspecified Tank	1996	227772

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

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

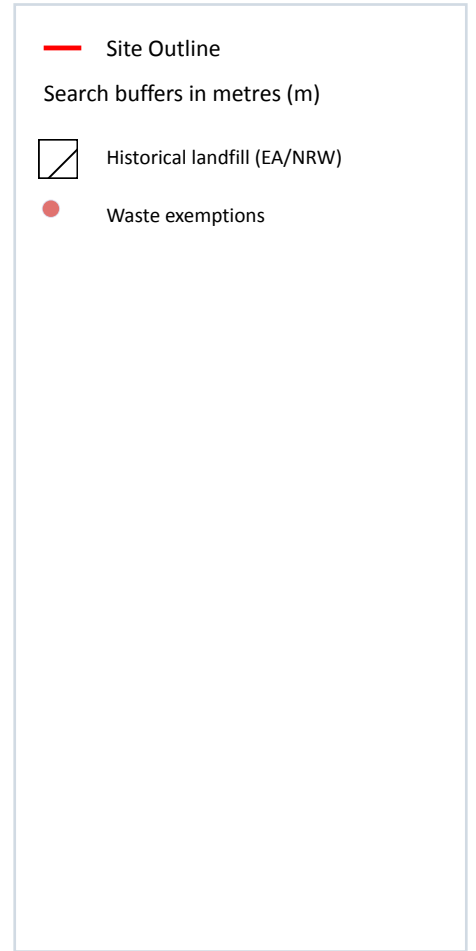
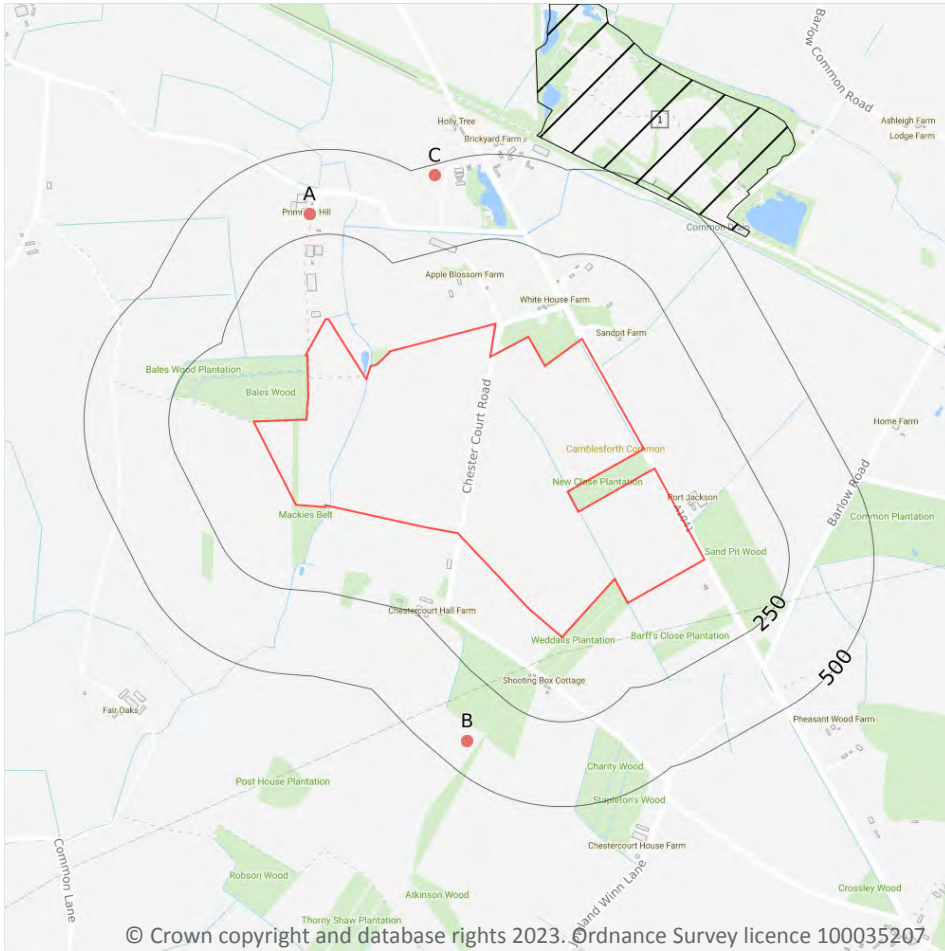
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

1

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.

Features are displayed on the Waste and landfill map on [page 18 >](#)

ID	Location	Details		
1	480m NE	Site Address: Barlow Tipping Site, Common Lane, Barlow, Near Selby Licence Holder Address: Eastern Region, British Rail, Leeman Road, York	Waste Licence: Yes Site Reference: 0700/NYCC/047 Waste Type: Inert, Industrial, Commercial, Household, Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 07/02/1979 Licence Surrender: 29/06/1984	Operator: Eastern Region, British Rail Licence Holder: Divisional Civil Engineer First Recorded 31/12/1927 Last Recorded: 31/12/1986

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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



3.7 Waste exemptions

Records within 500m

28

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 18](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of waste from dredging of inland waters
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of waste from a portable sanitary convenience
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Disposing of waste exemption	Agricultur al Waste Only	Burning waste in the open
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultur al Waste Only	Crushing and emptying waste vehicle oil filters
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultur al Waste Only	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultur al Waste Only	Treatment of waste in a biobed or biofilter
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultur al Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Treating waste exemption	Agricultur al Waste Only	Recovery of scrap metal
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultur al Waste Only	Spreading waste on agricultural land to confer benefit
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultur al Waste Only	Use of mulch



ID	Location	Site	Reference	Category	Sub-Category	Description
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultur al Waste Only	Spreading of plant matter to confer benefit
A	312m NW	Primrose Hill Farm Camblesforth Road SELBY North Yorkshire YO8 8ND	EPR/VH0976L G/A001	Using waste exemption	Agricultur al Waste Only	Burning of waste as a fuel in a small appliance
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of waste from dredging of inland waters
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultur al Waste Only	Burning waste in the open
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultur al Waste Only	Storage of waste in secure containers
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultur al Waste Only	Storage of waste in a secure place
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultur al Waste Only	Crushing and emptying waste vehicle oil filters
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultur al Waste Only	Preparatory treatments (baling, sorting, shredding etc)
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultur al Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Use of waste in construction
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Spreading waste on agricultural land to confer benefit
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Use of mulch

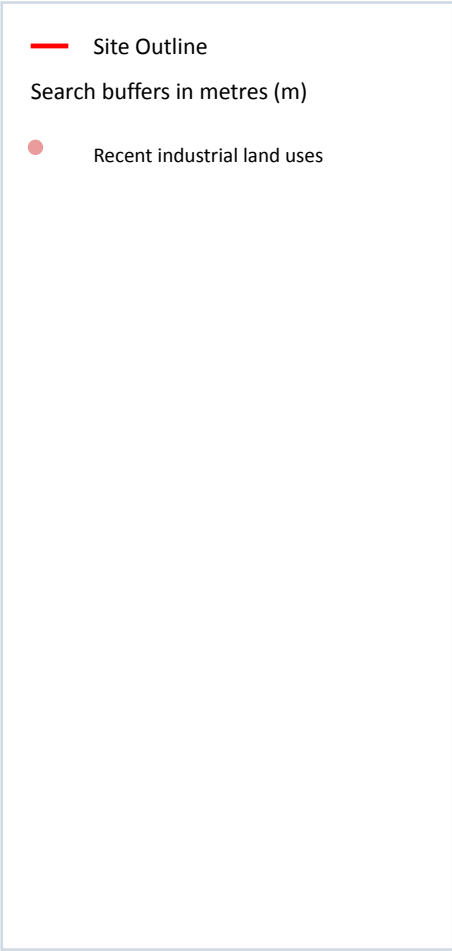


ID	Location	Site	Reference	Category	Sub-Category	Description
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Spreading of plant matter to confer benefit
B	416m S	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Use of waste for a specified purpose
C	467m N	-	WEX312205	Using waste exemption	Not on a Farm	Use of waste in construction
C	467m N	-	WEX324062	Treating waste exemption	Not on a Farm	Screening and blending of waste

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m 5

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 23](#) >

ID	Location	Company	Address	Activity	Category
1	54m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
2	59m NW	Solar Panels	North Yorkshire, YO8	Energy Production	Industrial Features
3	155m SE	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
4	183m S	Shooting Box	North Yorkshire, YO8	Shooting Facilities	Sports Complex
5	204m NW	Wind Turbine	North Yorkshire, YO8	Energy Production	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m **0**

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m **0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m **0**

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 0

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

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m 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 0

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

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.15 Pollutant release to public sewer

Records within 500m 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

0

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

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

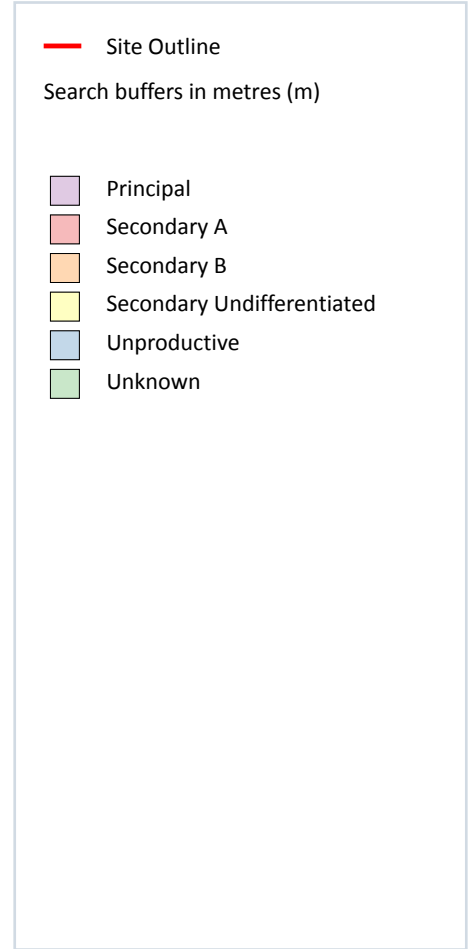
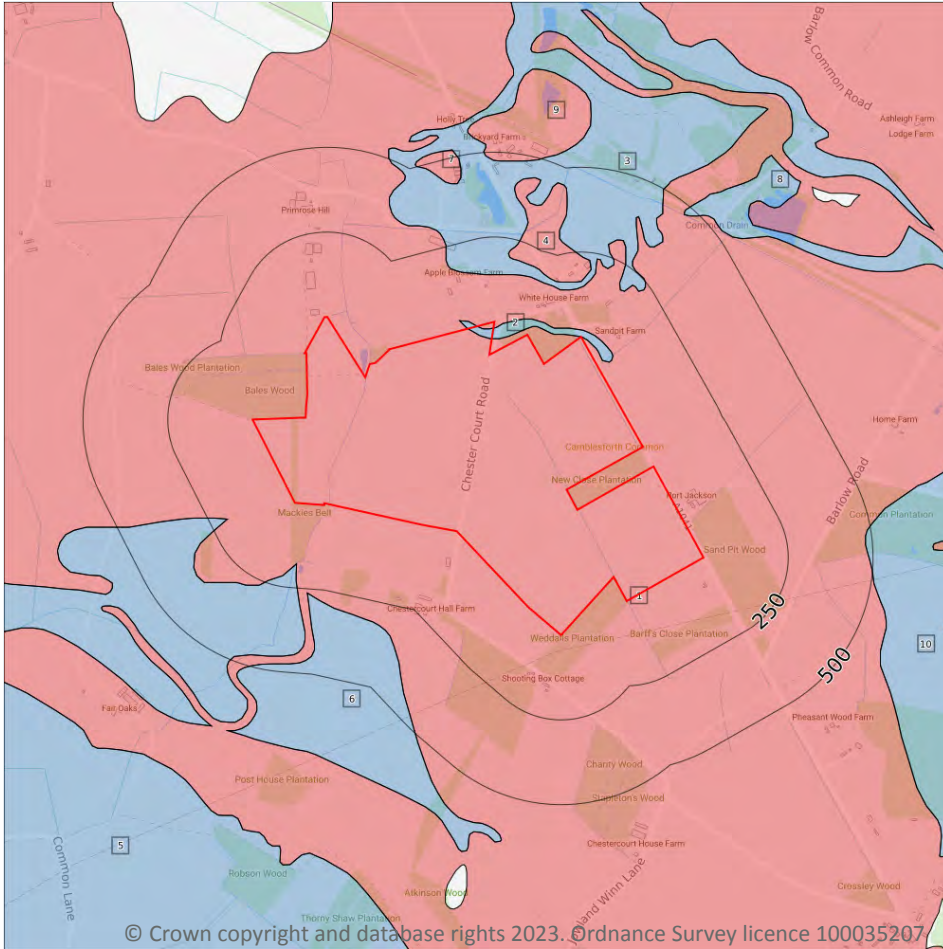
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

10

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 29](#) >

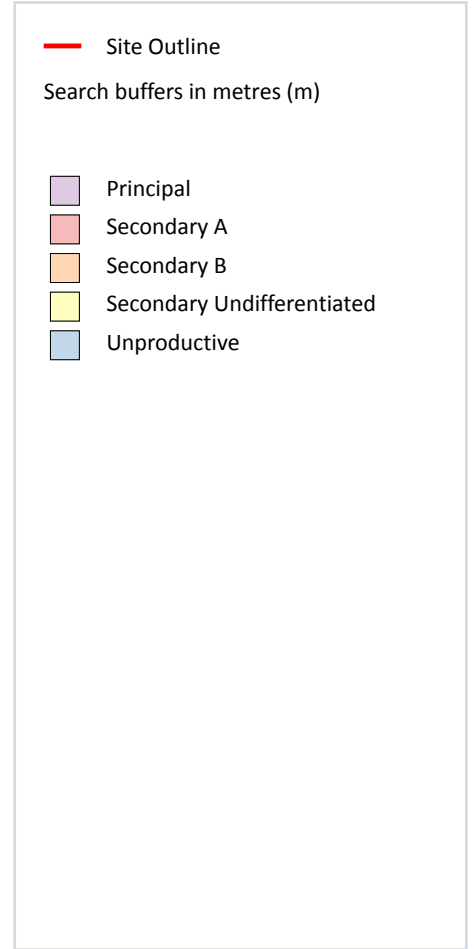
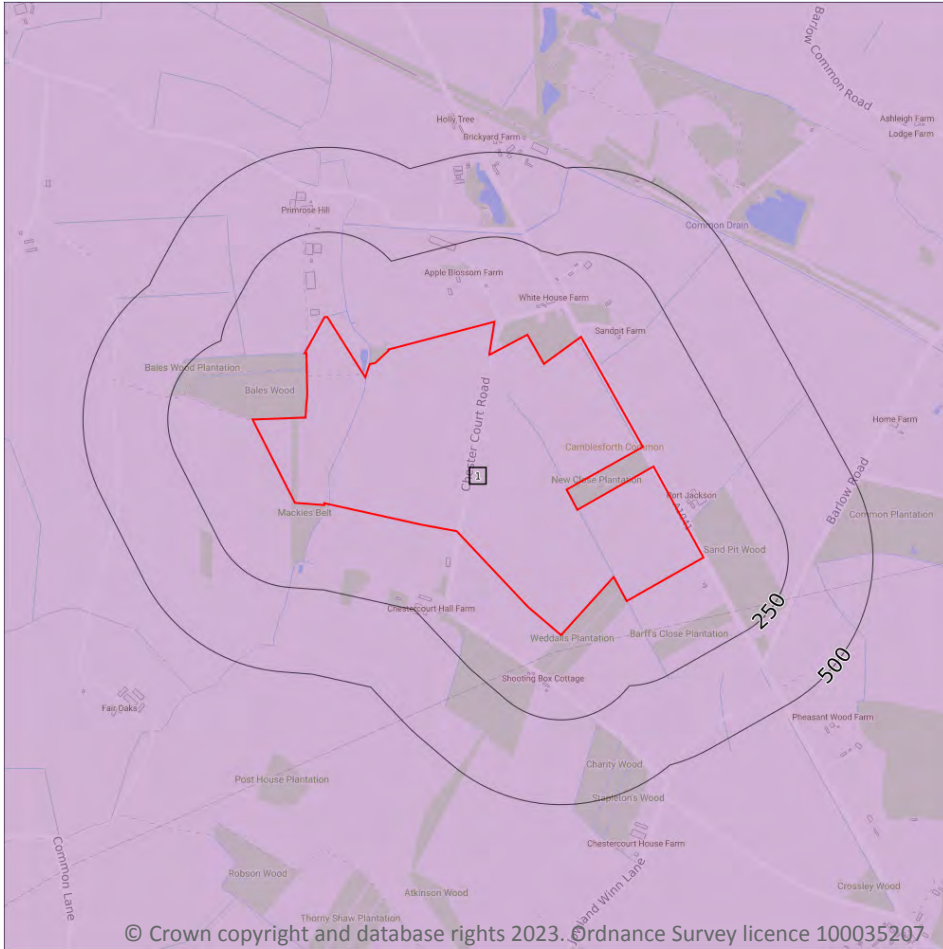
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Unproductive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

ID	Location	Designation	Description
3	139m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	162m 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
5	179m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	263m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	421m N	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	472m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
9	474m N	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	479m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

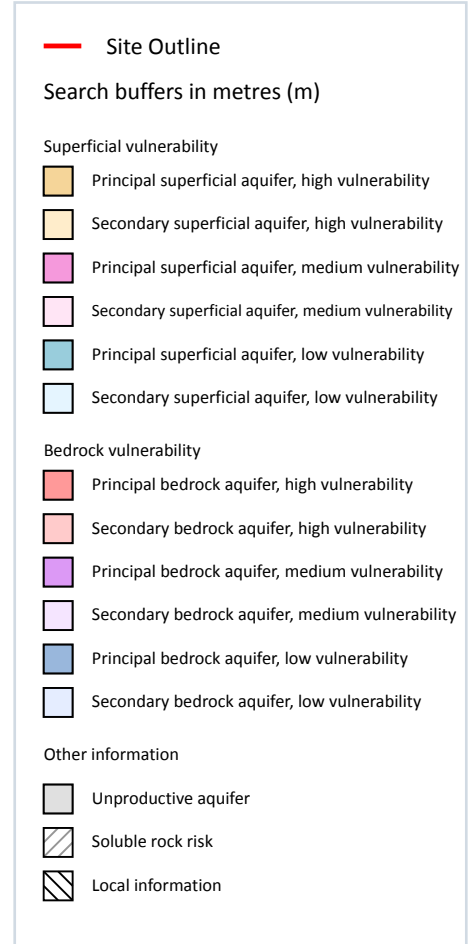
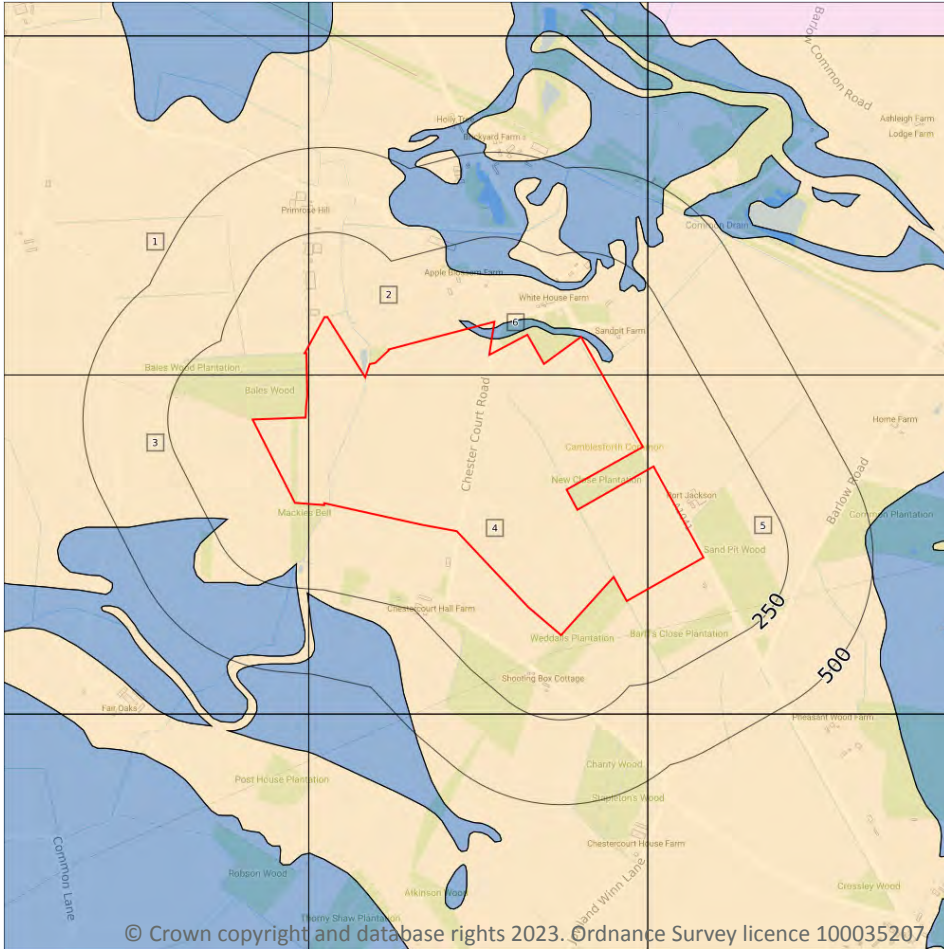
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 31](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

6

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 32 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

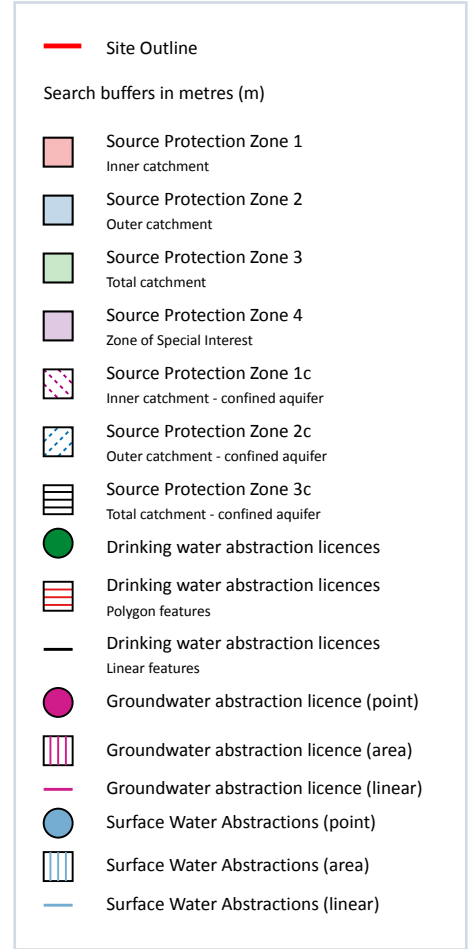
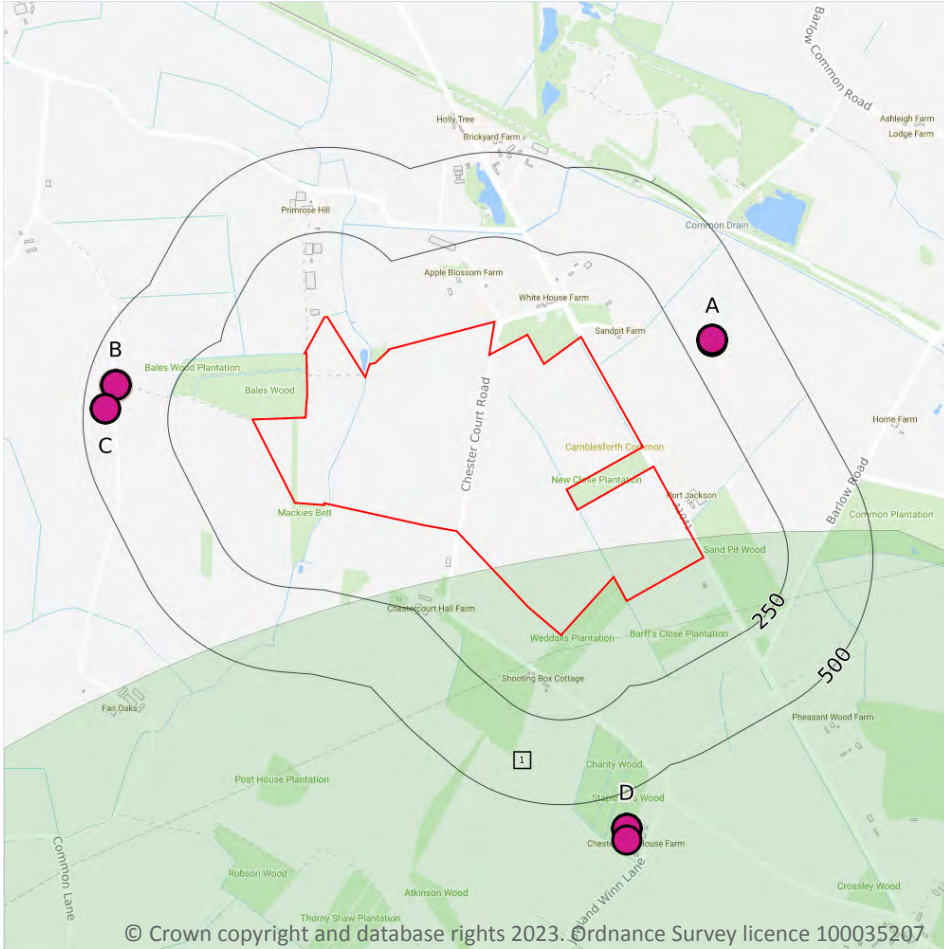
0

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



5.6 Groundwater abstractions

Records within 2000m

43

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 35 >](#)

ID	Location	Details	
A	331m NE	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
A	331m NE	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
A	334m NE	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
A	334m NE	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -



ID	Location	Details	
A	334m NE	Status: Active Licence No: 2/27/24/477/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	334m NE	Status: Active Licence No: 2/27/24/477/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	334m NE	Status: Active Licence No: 2/27/24/477/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
B	416m W	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN- SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -



ID	Location	Details	
B	416m W	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
B	416m W	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
B	416m W	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
B	416m W	Status: Active Licence No: 2/27/24/300/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
B	416m W	Status: Active Licence No: 2/27/24/300/R01 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
C	435m W	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
C	435m W	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
C	435m W	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
C	435m W	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -



ID	Location	Details	
D	601m S	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
D	601m S	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
D	601m S	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
D	601m S	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
D	601m S	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
D	601m S	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
D	633m S	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -
-	1189m E	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -



ID	Location	Details	
-	1189m E	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
-	1191m E	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
-	1191m E	Status: Active Licence No: NE/027/0024/003/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -
-	1191m E	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -

ID	Location	Details	
-	1588m N	Status: Historical Licence No: 2/27/24/478 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463160 Northing: 429660	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 5 Version Start Date: 29/07/2011 Version End Date: -
-	1592m N	Status: Historical Licence No: 2/27/24/478 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463162 Northing: 429664	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 7 Version Start Date: 04/11/2013 Version End Date: -
-	1592m N	Status: Active Licence No: 2/27/24/478/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463162 Northing: 429664	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: NPS/NA/001845 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1592m N	Status: Active Licence No: 2/27/24/478/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARLOW Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463162 Northing: 429664	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1000 Original Application No: NPS/NA/001845 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -

ID	Location	Details	
-	1842m S	Status: Active Licence No: NE/027/0018/033 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1842m S	Status: Active Licence No: NE/027/0018/033 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1881m NE	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BARLOW HALL BOREHOLE - SHERWOOD SANDSTONE Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m ³): 65000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 14/08/2009 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 22/10/2012 Version End Date: -
-	1881m NE	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m ³): 32500 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 14/08/2009 Expiry Date: 31/03/2015 Issue No: 3 Version Start Date: 17/07/2014 Version End Date: -



ID	Location	Details	
-	1881m NE	Status: Active Licence No: NE/027/0024/055 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m ³): 65000 Max Daily Volume (m ³): 3700 Original Application No: NPS/WR/015922 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1942m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 Data Type: Point Name: AES DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
-	1942m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -
-	1942m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -

ID	Location	Details	
-	1942m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1961m NW	Status: Active Licence No: NE/027/0024/063 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - MIDDLE LANE Data Type: Point Name: Staynor Farms Ltd Easting: 461306 Northing: 429987	Annual Volume (m ³): 53430 Max Daily Volume (m ³): 1200 Original Application No: NPS/WR/031062 Original Start Date: 10/07/2017 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 14/08/2019 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

3

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 35 >](#)

ID	Location	Details	
-	1002m N	Status: Historical Licence No: NE/027/0024/002 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -



ID	Location	Details	
-	1002m N	Status: Active Licence No: NE/027/0024/002/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: NPS/NA/001840 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1002m N	Status: Active Licence No: NE/027/0024/002/R01 Details: Trickle Irrigation - Direct Direct Source: SURFACE WATER Point: UNNAMED DRAIN NEAR BOTANY BAY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 461081 Northing: 429367	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 1300 Original Application No: NPS/NA/001840 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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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	2
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 35 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment
B	366m W	1	Inner catchment

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

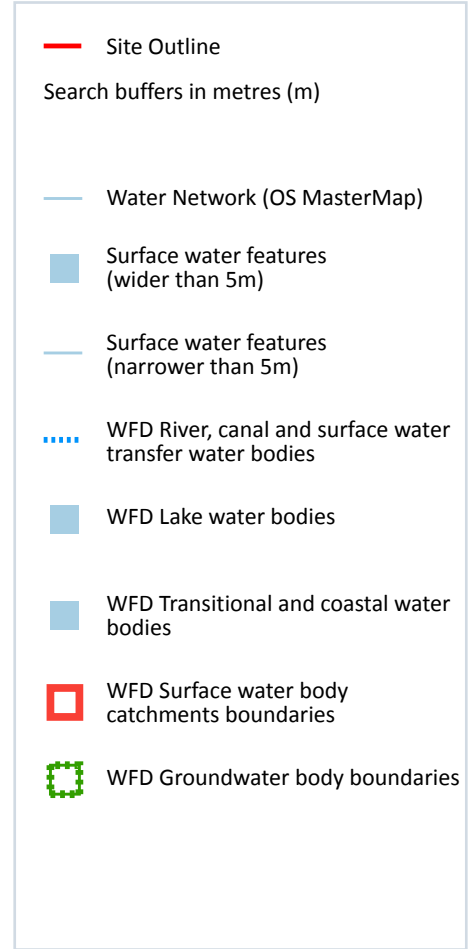
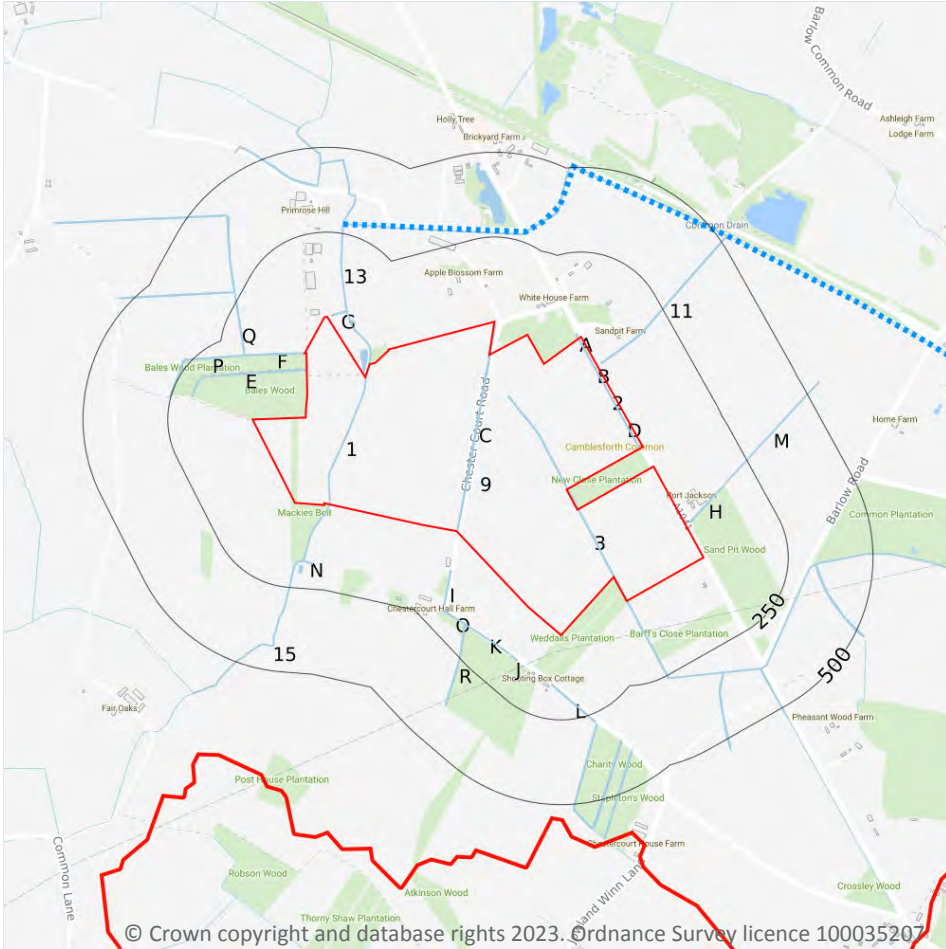
0

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



6.1 Water Network (OS MasterMap)

Records within 250m **29**

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 49 >](#)

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.	Underground	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)	-
A	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	12m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	12m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
11	12m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	50m NW	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
G	50m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
13	57m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	91m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	141m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	141m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	147m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	156m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
15	168m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	168m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	169m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	170m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	176m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	176m NW	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
O	180m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	185m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

17

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 49 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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 49 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
C	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Ouse Lower Yorkshire	Wharfe and Ouse Lower

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



6.4 WFD Surface water bodies

Records identified	1
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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 49 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
17	269m N	River	Ouse from R Wharfe to Upper Humber	GB104027064270 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1
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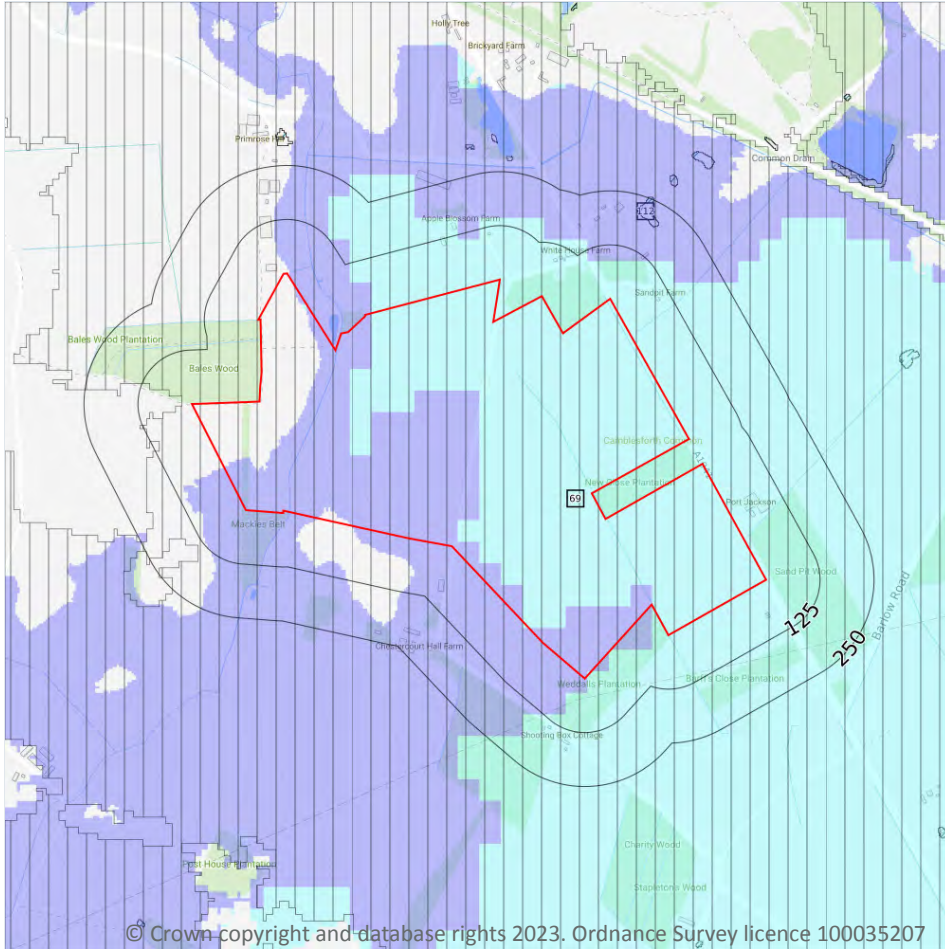
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 49 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
9	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400 ↗	Poor	Poor	Good	2019

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

76

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 54 >](#)

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

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

7.2 Historical Flood Events

Records within 250m	1
---------------------	---

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 54 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
112	193m NE	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data

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	1
---------------------	---

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.

Features are displayed on the River and coastal flooding map on [page 54 >](#)

ID	Location	
69	On site	Area benefiting from flood defences

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

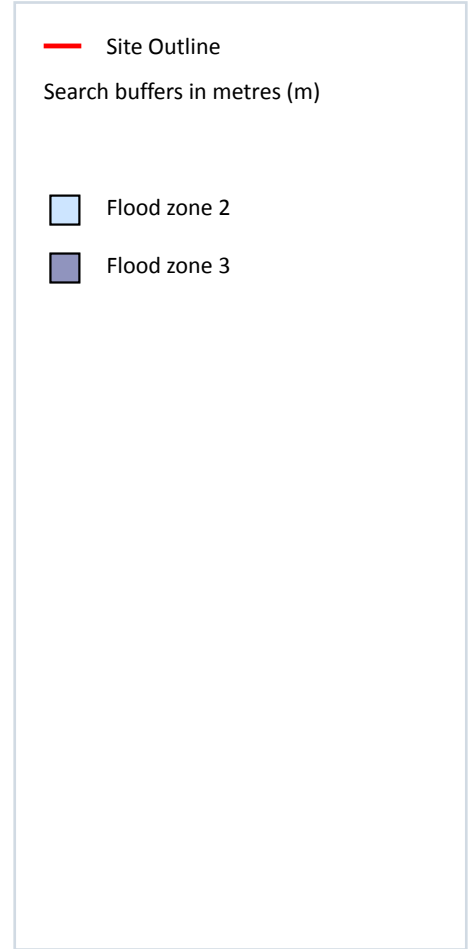
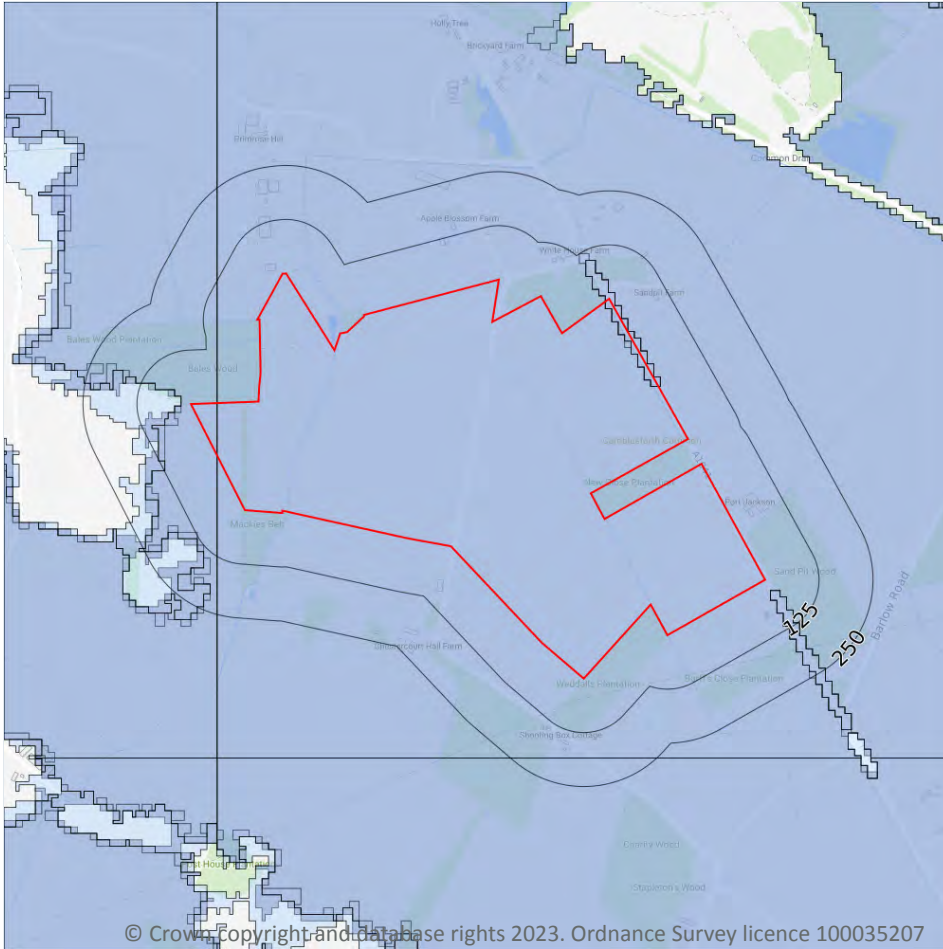
7.5 Flood Storage Areas

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



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 54](#) >

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.

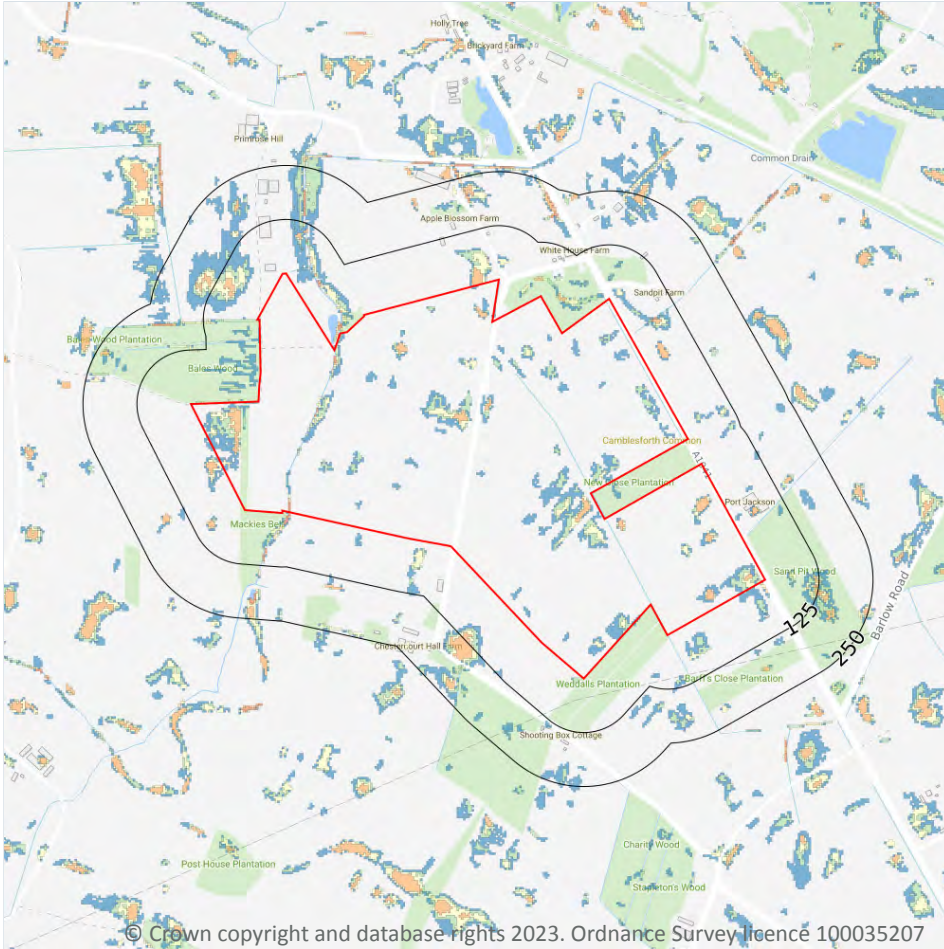
Features are displayed on the River and coastal flooding map on [page 54 >](#)

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 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 59 >](#)

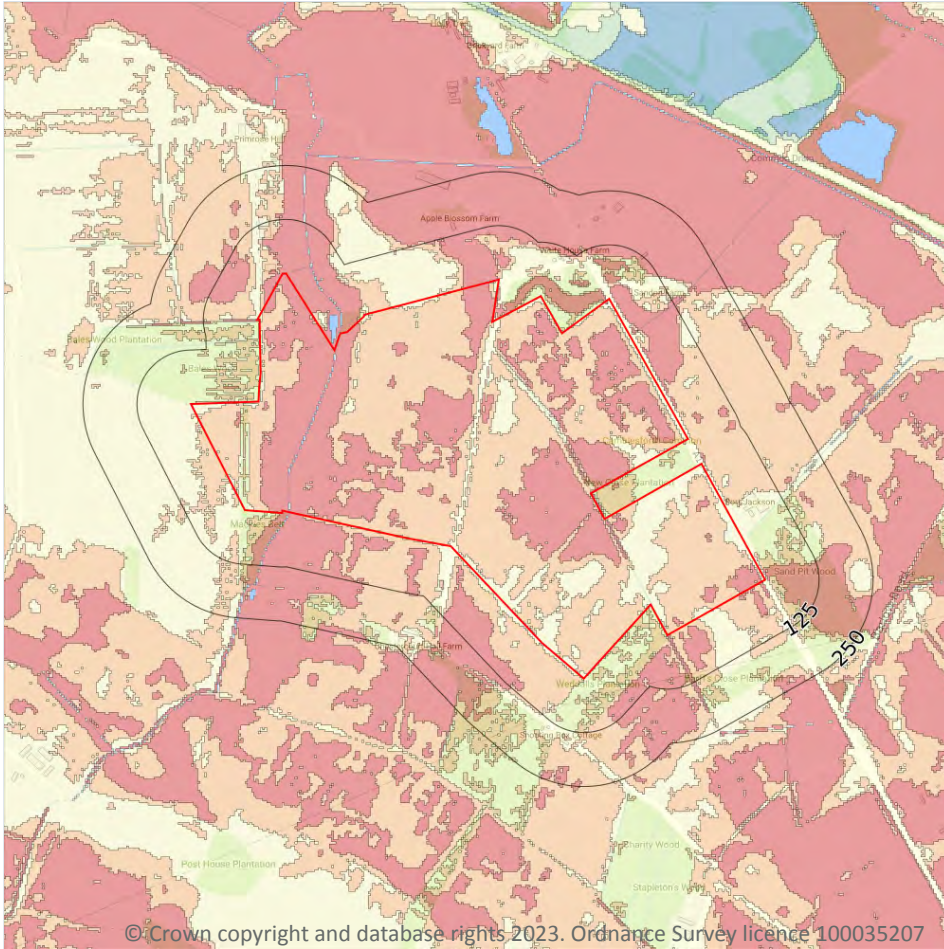
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

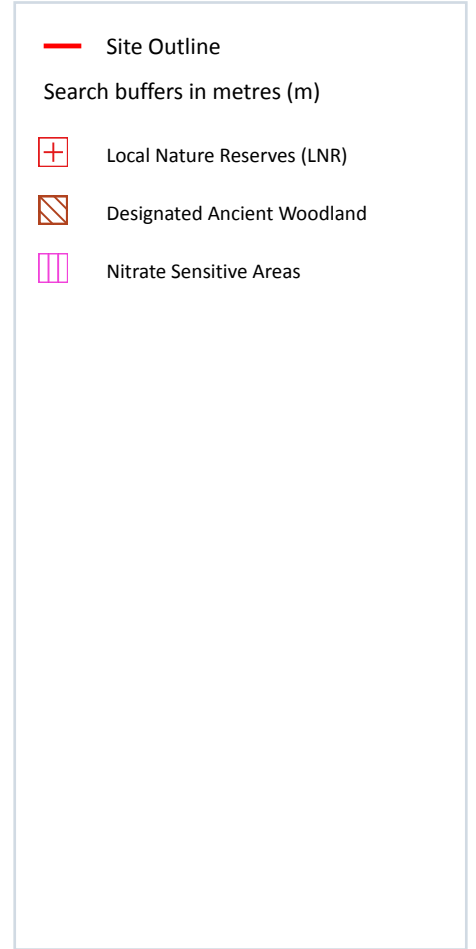
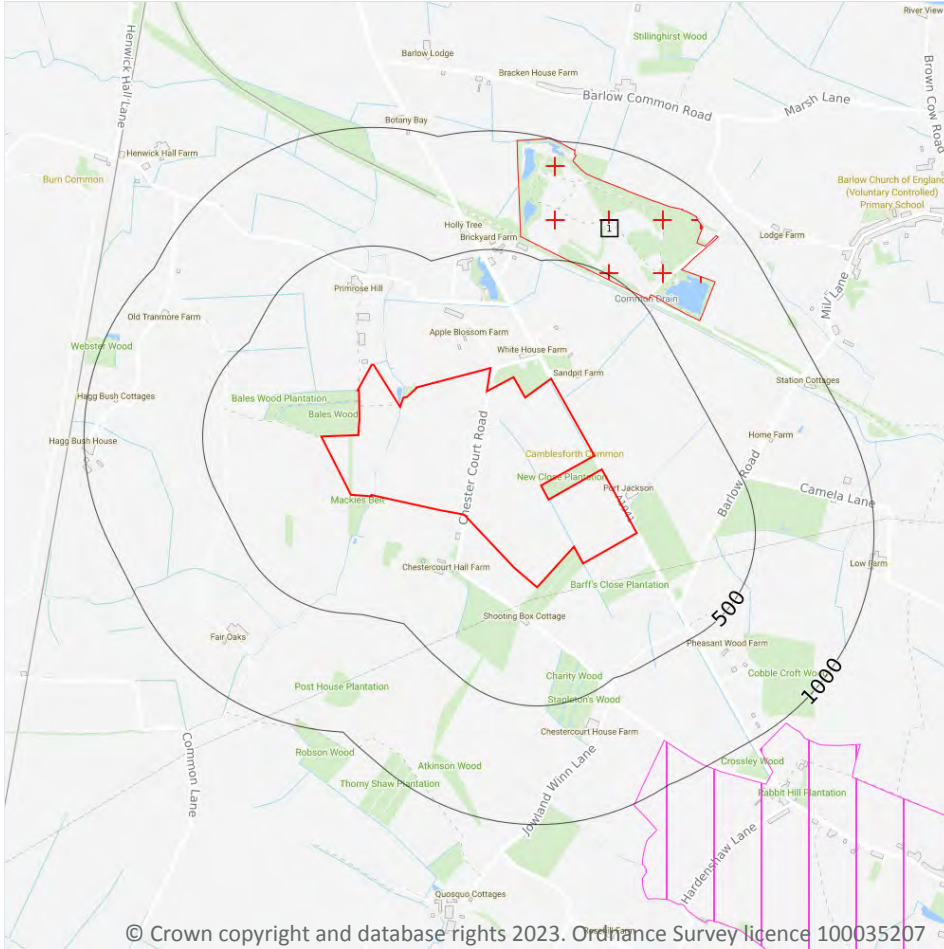
High

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

Features are displayed on the Groundwater flooding map on [page 61](#) >

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

1

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.

Features are displayed on the Environmental designations map on [page 62 >](#)

ID	Location	Name	Data source
1	481m NE	Barlow Common	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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.

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

1

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).

Features are displayed on the Environmental designations map on [page 62 >](#)

ID	Location	Name	Data source
2	821m SE	Carlton	Natural England

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

5

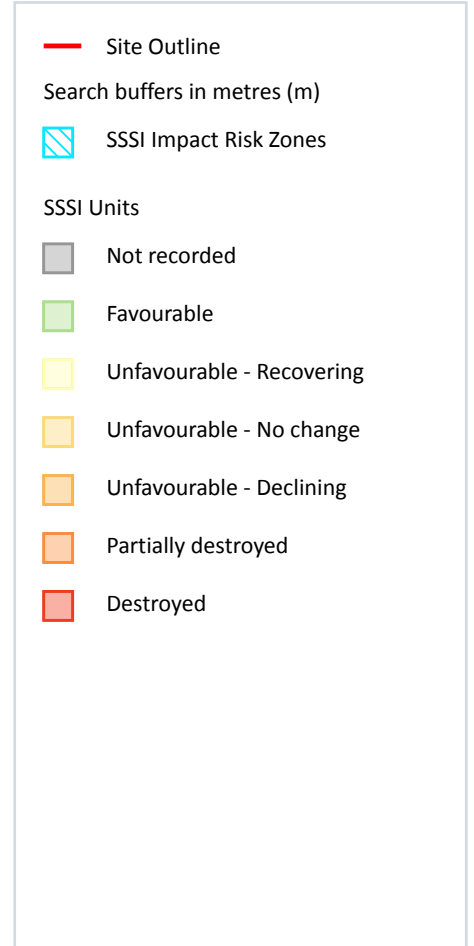
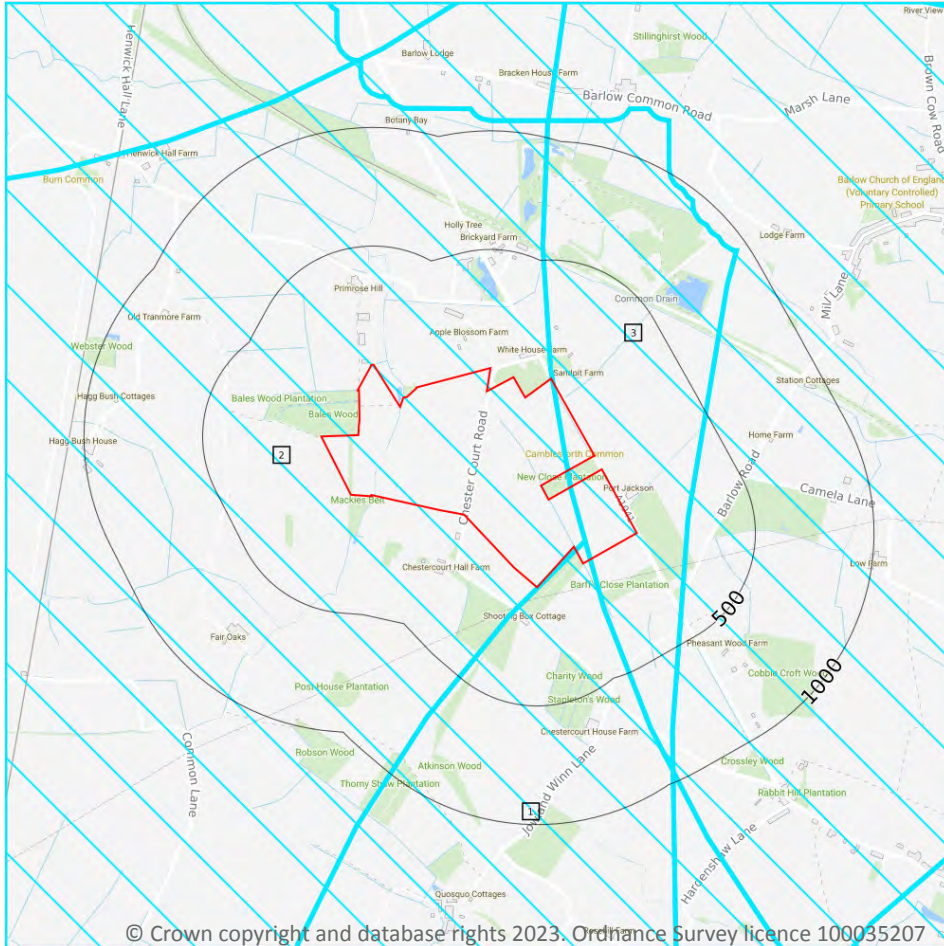
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
986m E	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1251m S	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1478m NW	The Fleet from Source to River Aire NVZ	Surface Water	272	Existing
1747m SE	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

3

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 67](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>
2	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m².</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>
3	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>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).</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

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.

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



11 Visual and cultural designations

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

0

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



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

11.5 Conservation Areas

Records within 250m

0

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.

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

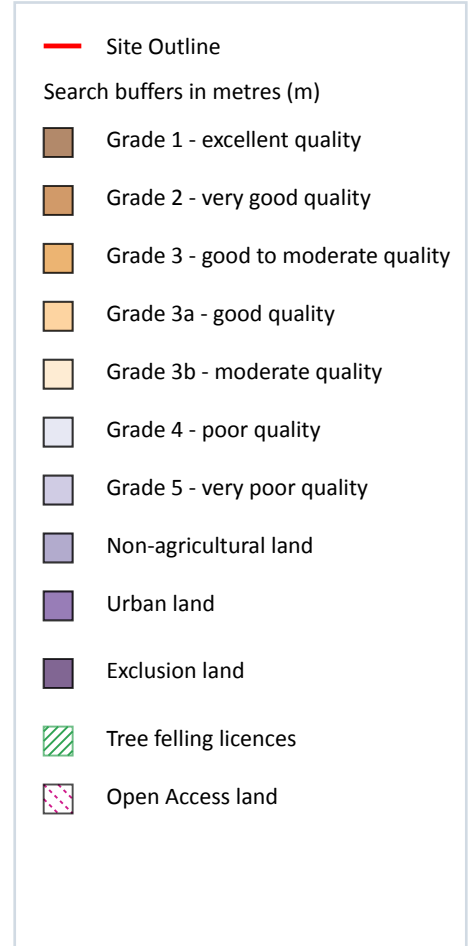
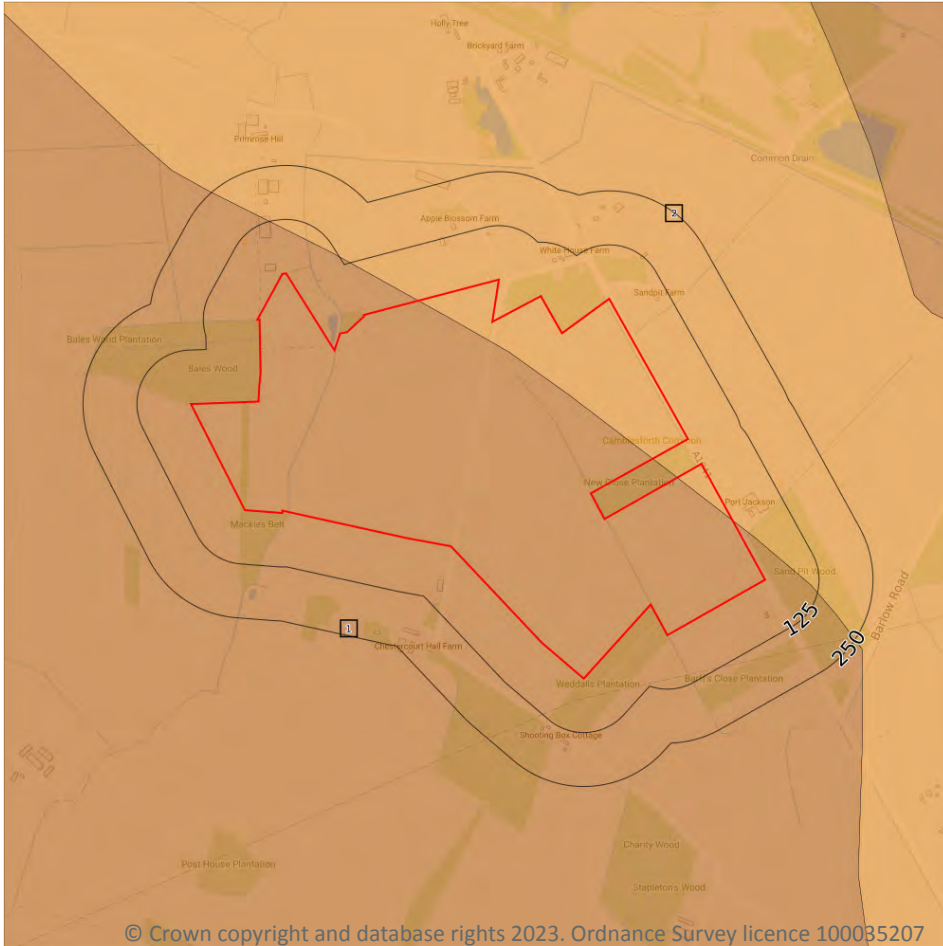
0

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



12.1 Agricultural Land Classification

Records within 250m

2

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 71](#) >

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

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

0

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.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m**7**

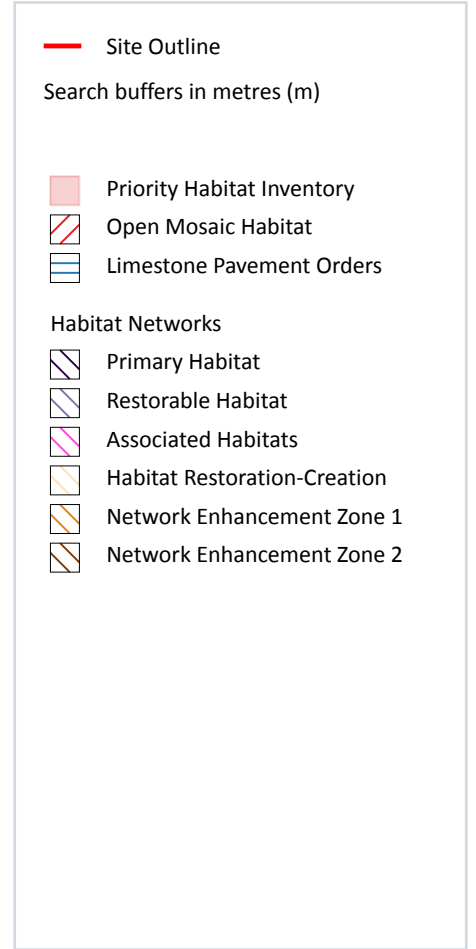
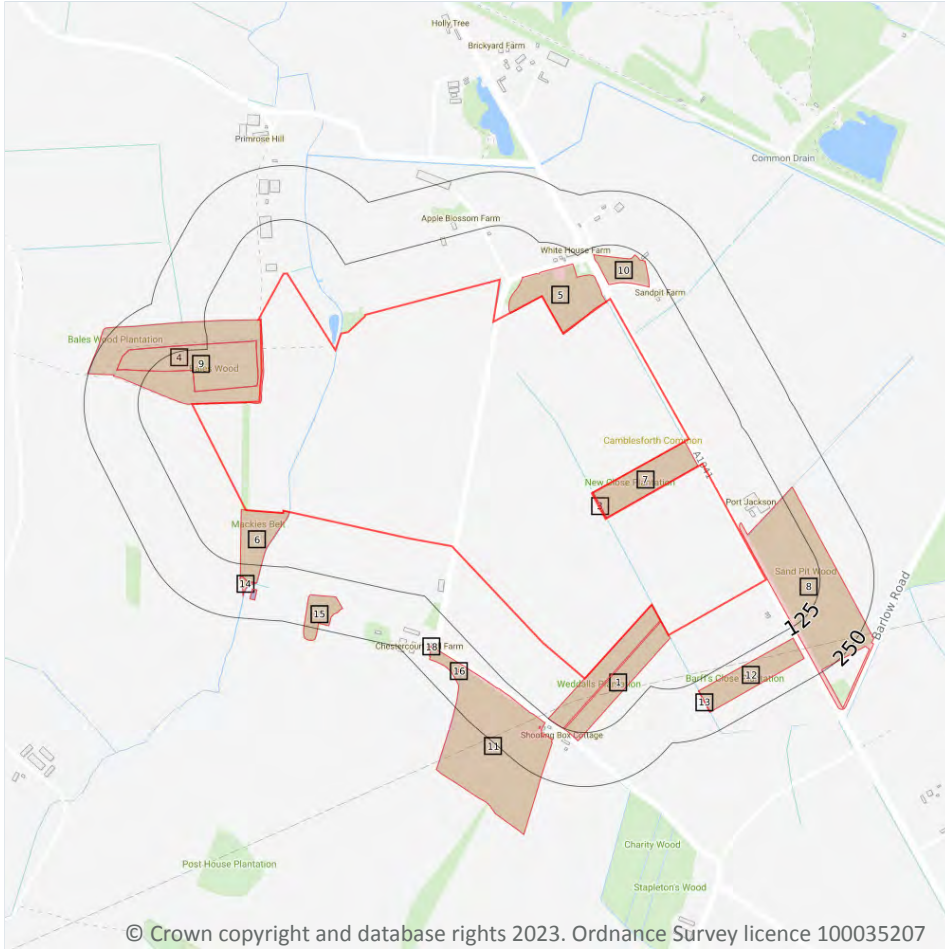
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
3m NW	490731	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
12m E	1029953	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
173m SW	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
178m NW	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

18

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 74 >](#)

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (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	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	3m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	7m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	33m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	137m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	147m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	147m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	154m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	169m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	181m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	181m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	189m S	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

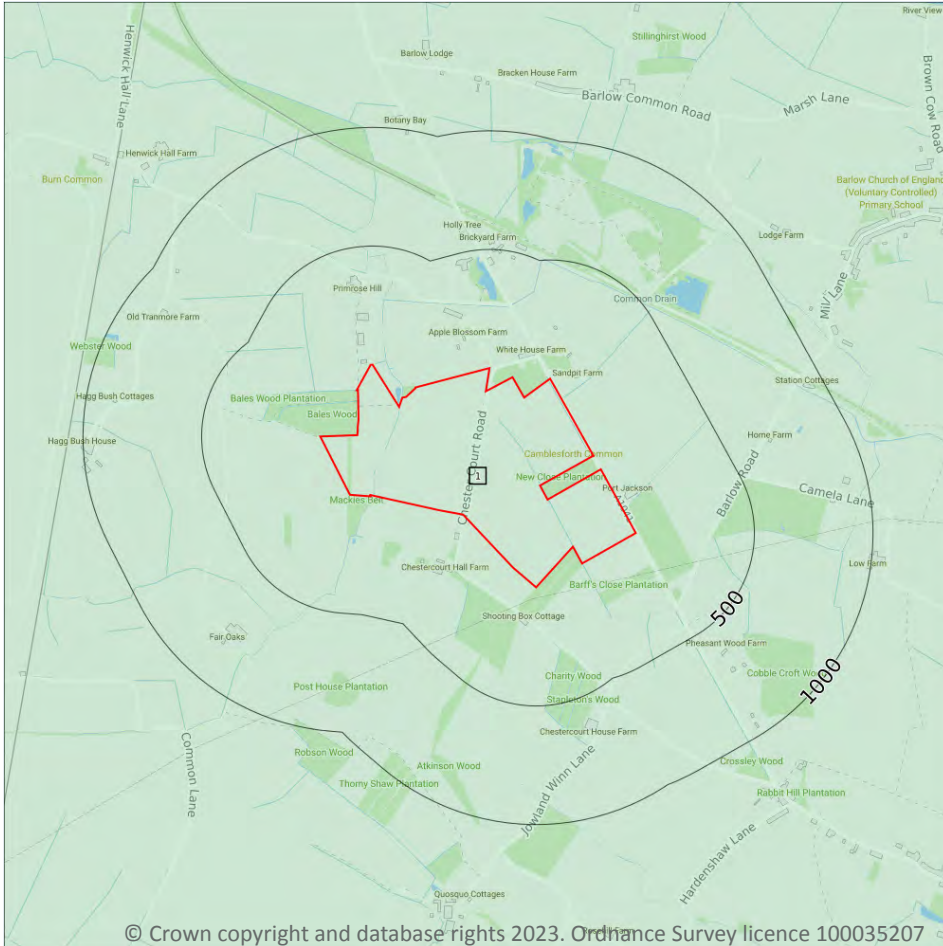
0

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

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14.1 10k Availability

Records within 500m

1

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 77](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NW

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

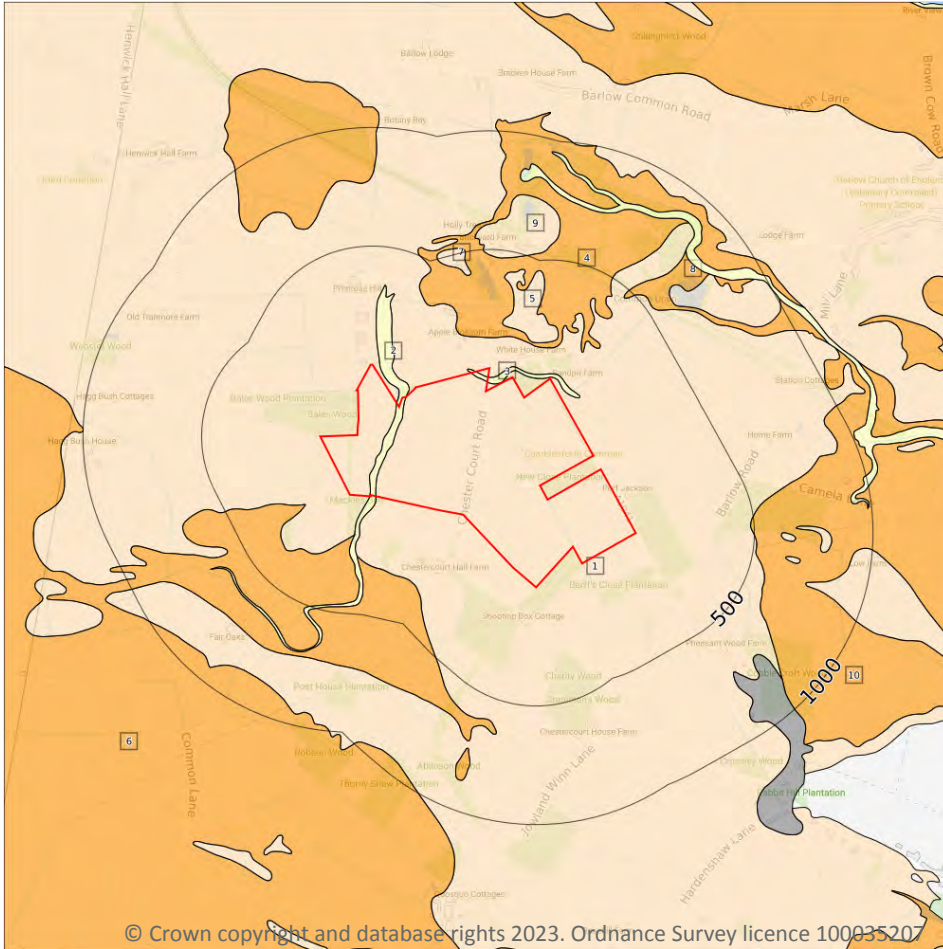
0


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

10

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 79 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	Brighton Sand Formation - Sand	Sand
2	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
3	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
4	128m N	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty



ID	Location	LEX Code	Description	Rock description
5	153m NE	BREI-S	Breighton Sand Formation - Sand	Sand
6	167m SW	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
7	400m N	BREI-S	Breighton Sand Formation - Sand	Sand
8	463m NE	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
9	467m N	BREI-S	Breighton Sand Formation - Sand	Sand
10	485m E	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

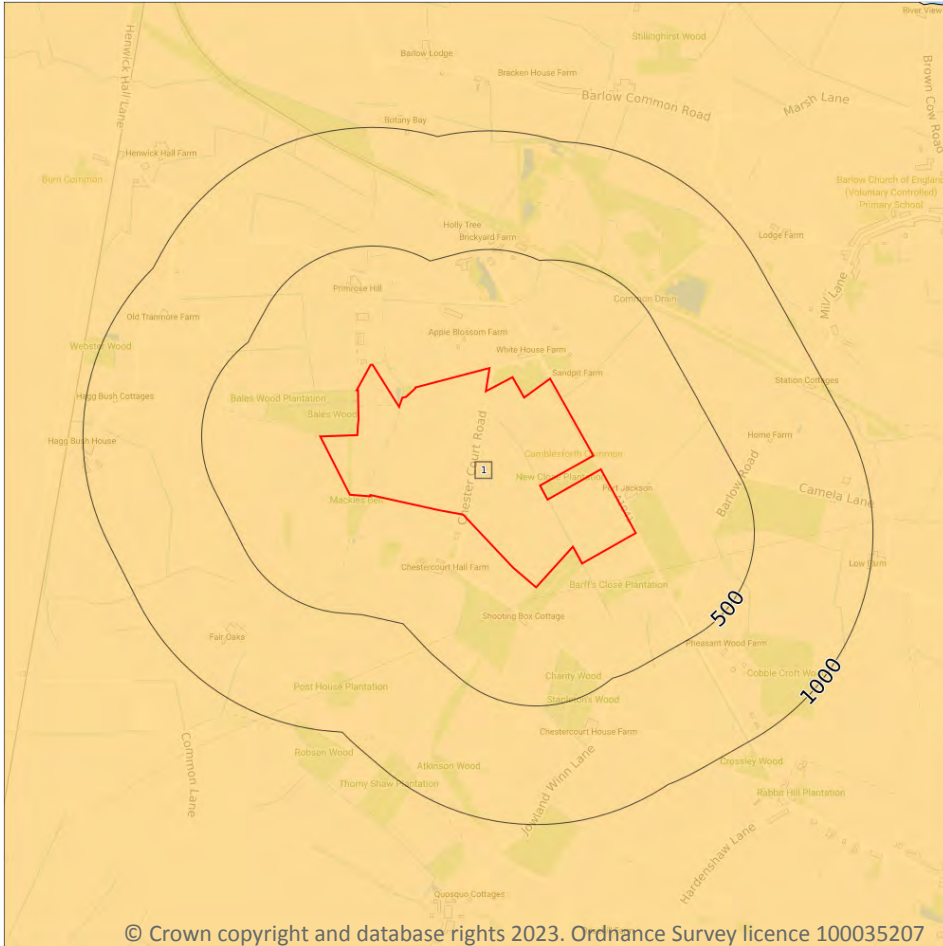
0

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

1

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 81](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

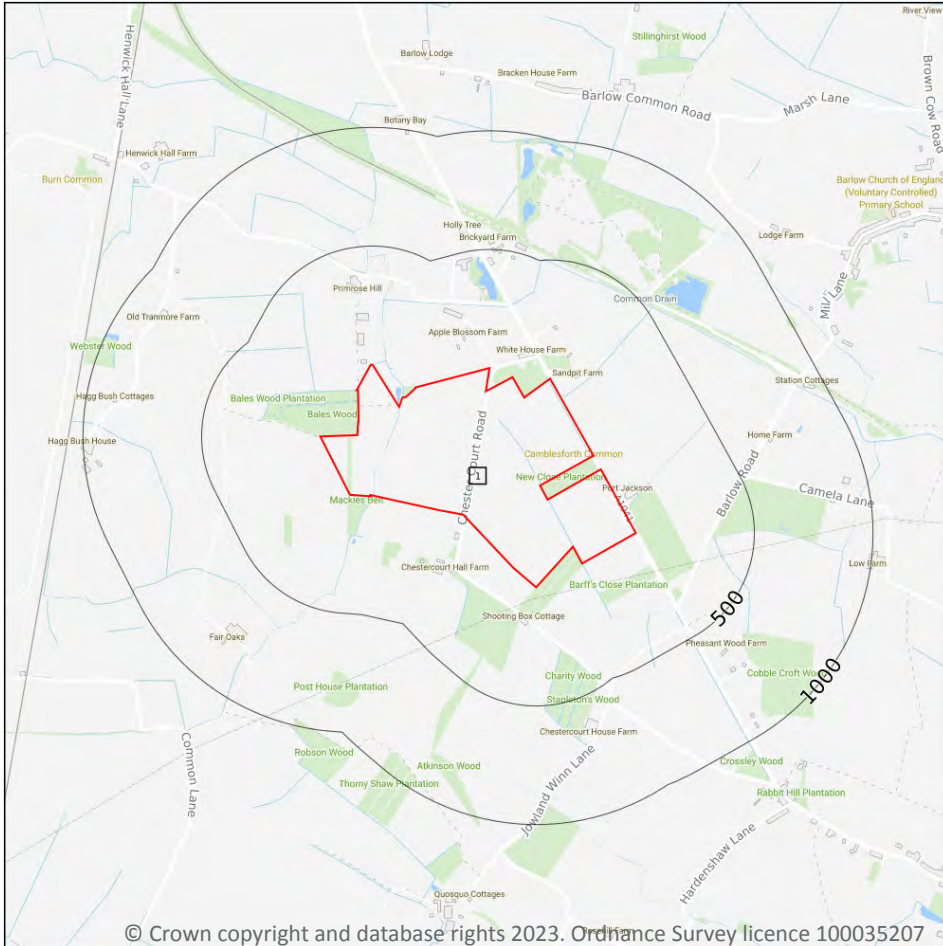
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— 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 83](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_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

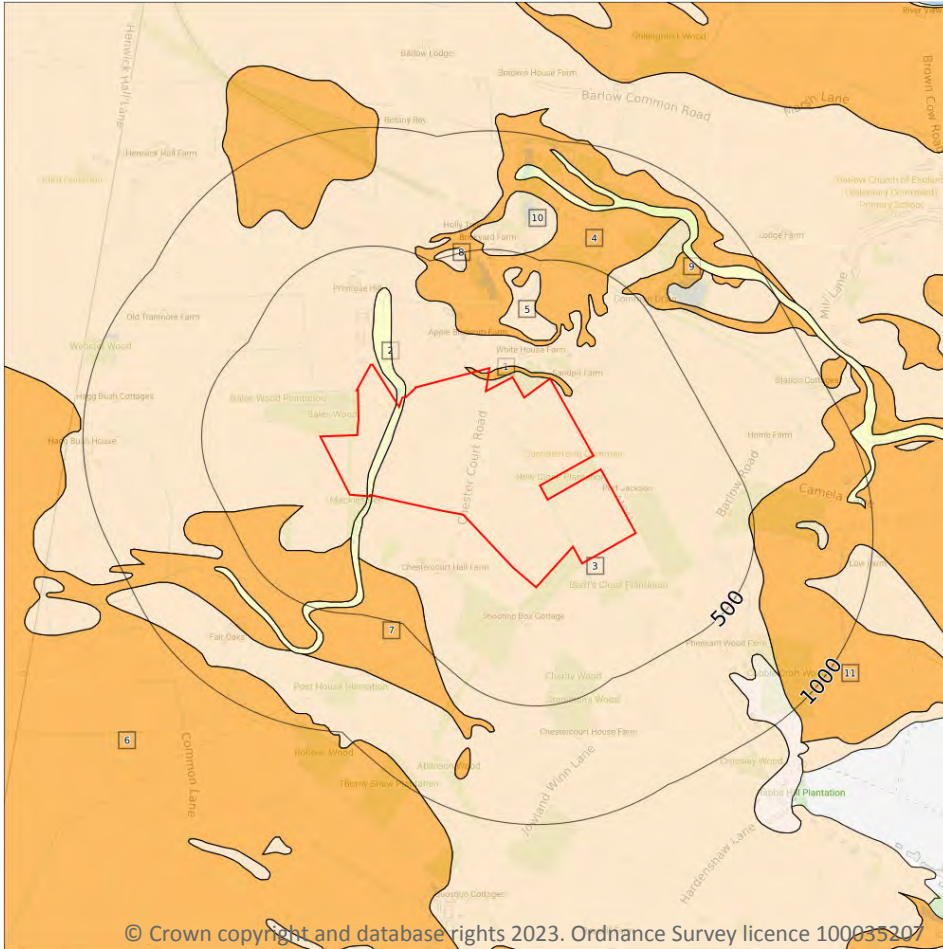
0


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

11

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 85 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
2	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	On site	BREI-S	BRIGHTON SAND FORMATION	SAND
4	139m N	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY



ID	Location	LEX Code	Description	Rock description
5	162m NE	BREI-S	BREIGHTON SAND FORMATION	SAND
6	179m SW	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
7	263m SW	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
8	421m N	BREI-S	BREIGHTON SAND FORMATION	SAND
9	472m NE	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
10	474m N	BREI-S	BREIGHTON SAND FORMATION	SAND
11	479m E	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	3
---------------------------	----------

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	High	High
On site	Mixed	Low	Very Low

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

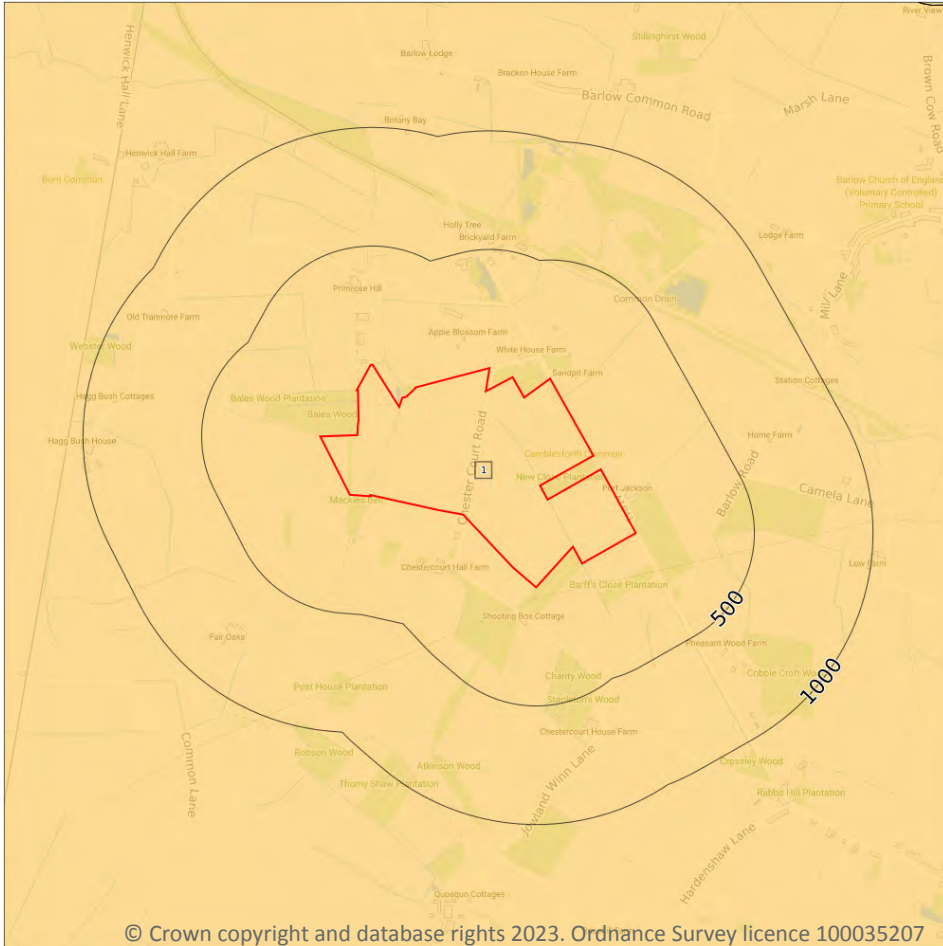
0

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

1

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 88](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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	High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

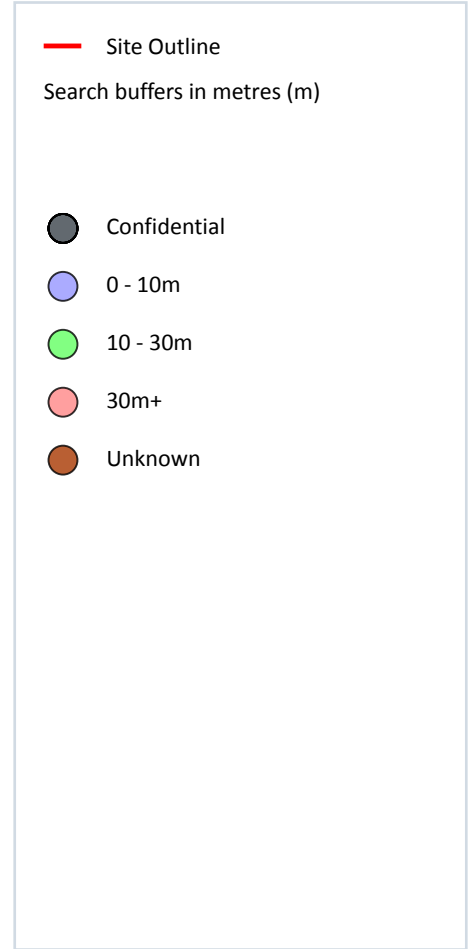
Records within 500m

0

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

This data is sourced from the British Geological Survey.

16 Boreholes



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.

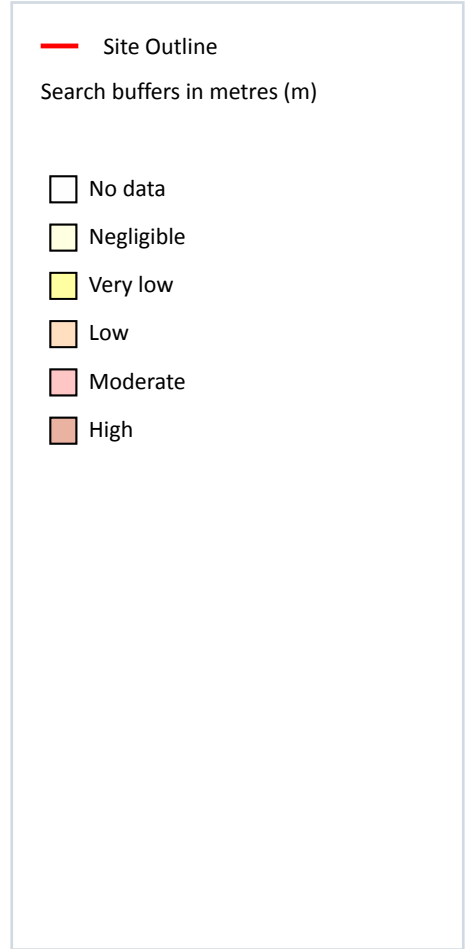
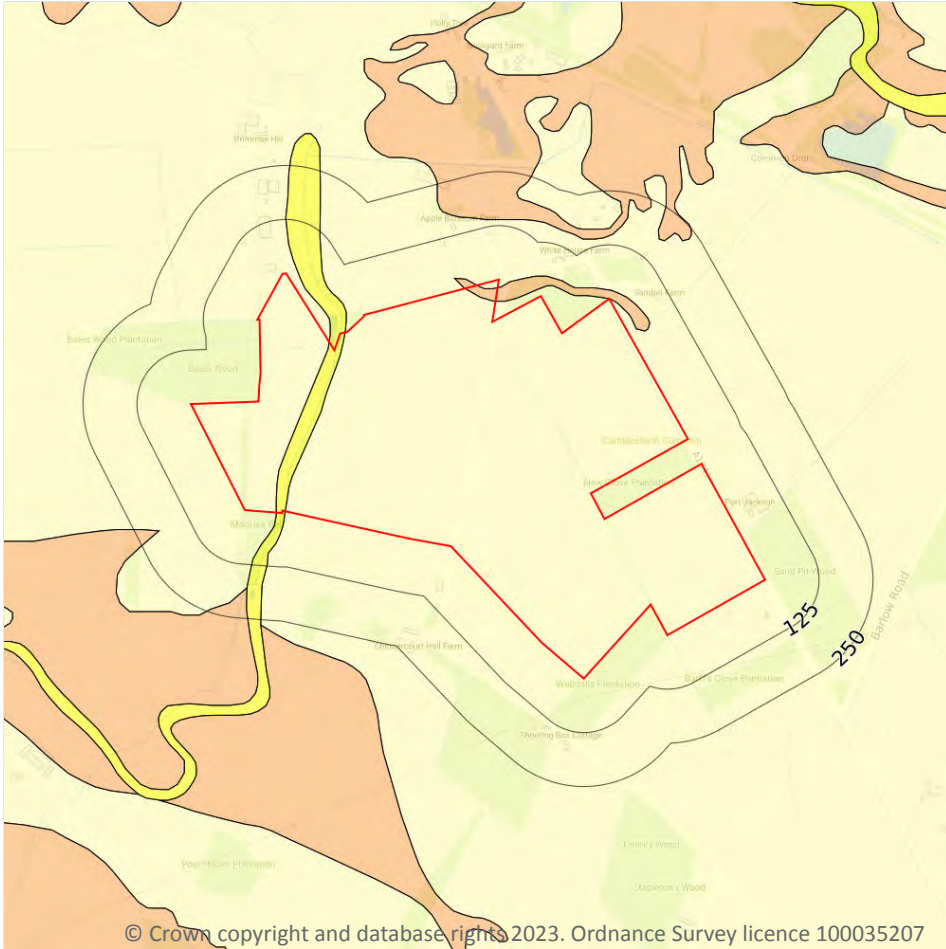
Features are displayed on the Boreholes map on [page 90](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	4m NE	462860 428020	GOOLE 254	12.19	N	121539 ↗
2	10m E	463020 427740	GOOLE 255	12.19	N	121540 ↗
3	58m S	462720 427180	CEGB 14	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	99m SE	463220 427380	GOOLE 256	12.19	N	121541 ↗
5	145m SE	463161 427293	CEGB 13	-	Y	N/A

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

3

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).

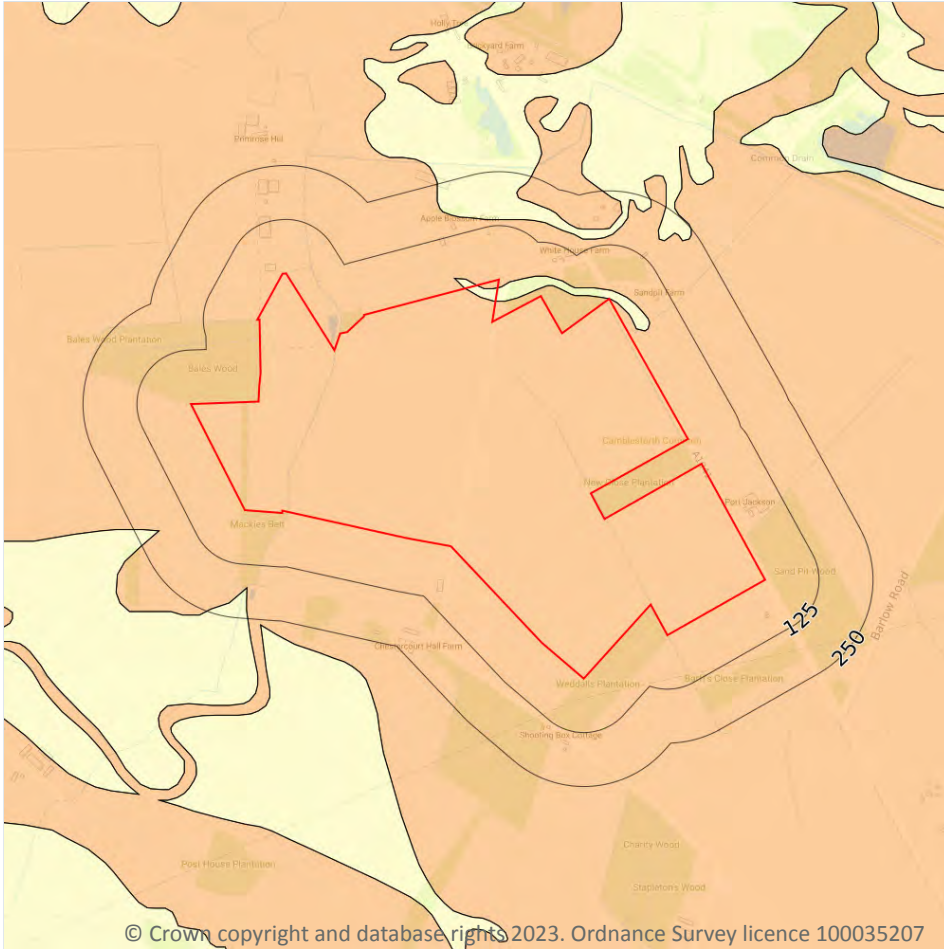
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 92 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m

2

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 94](#) >

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	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m

2

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.

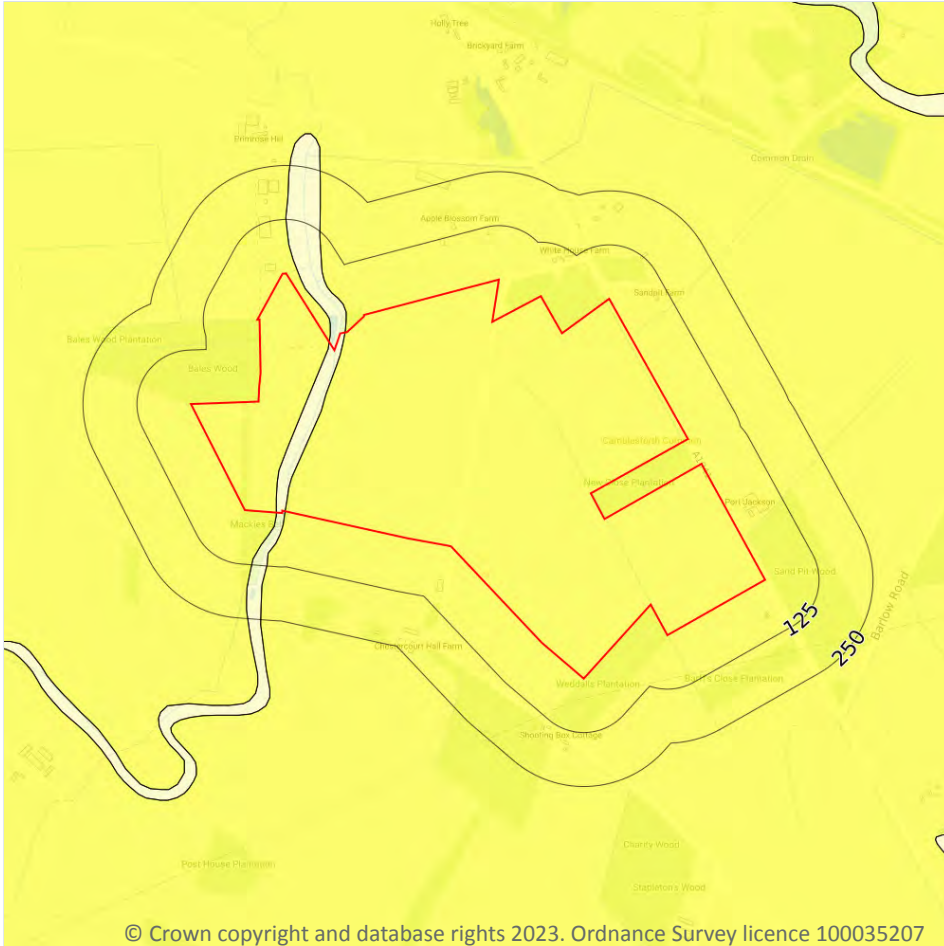
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 96 >](#)

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.

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

2

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.

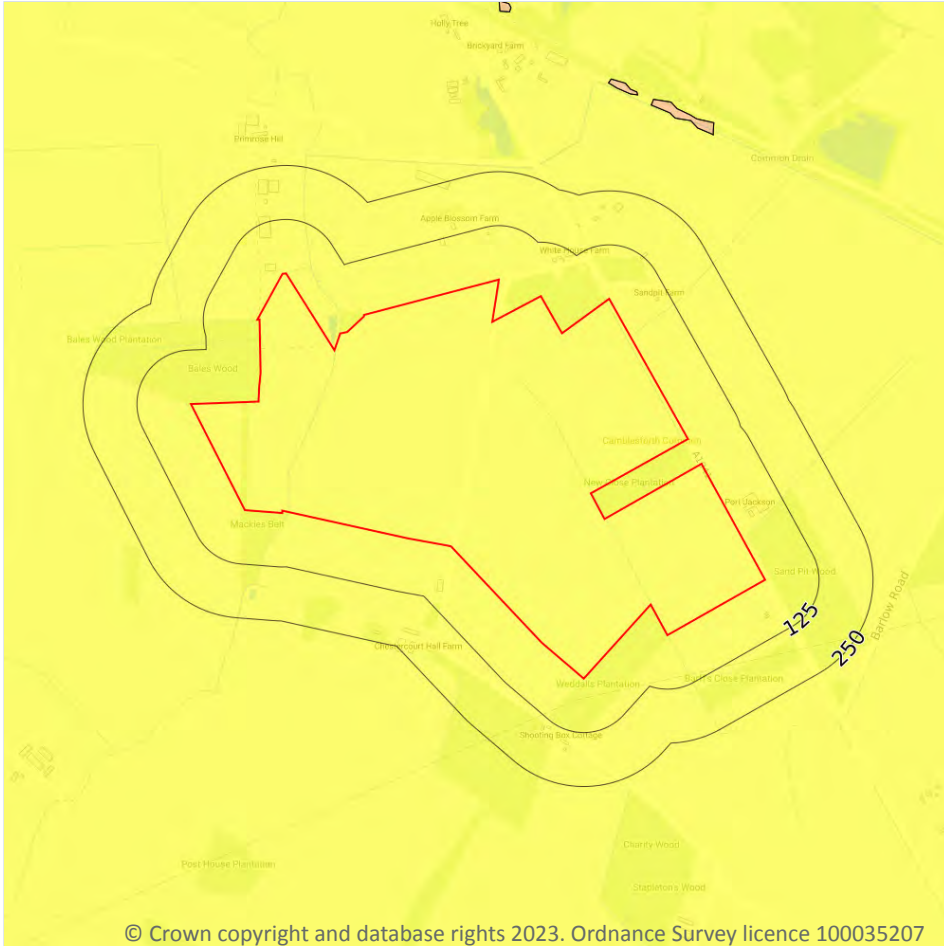
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 98 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
 Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

1

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 99](#) >

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



— Site Outline
 Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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.

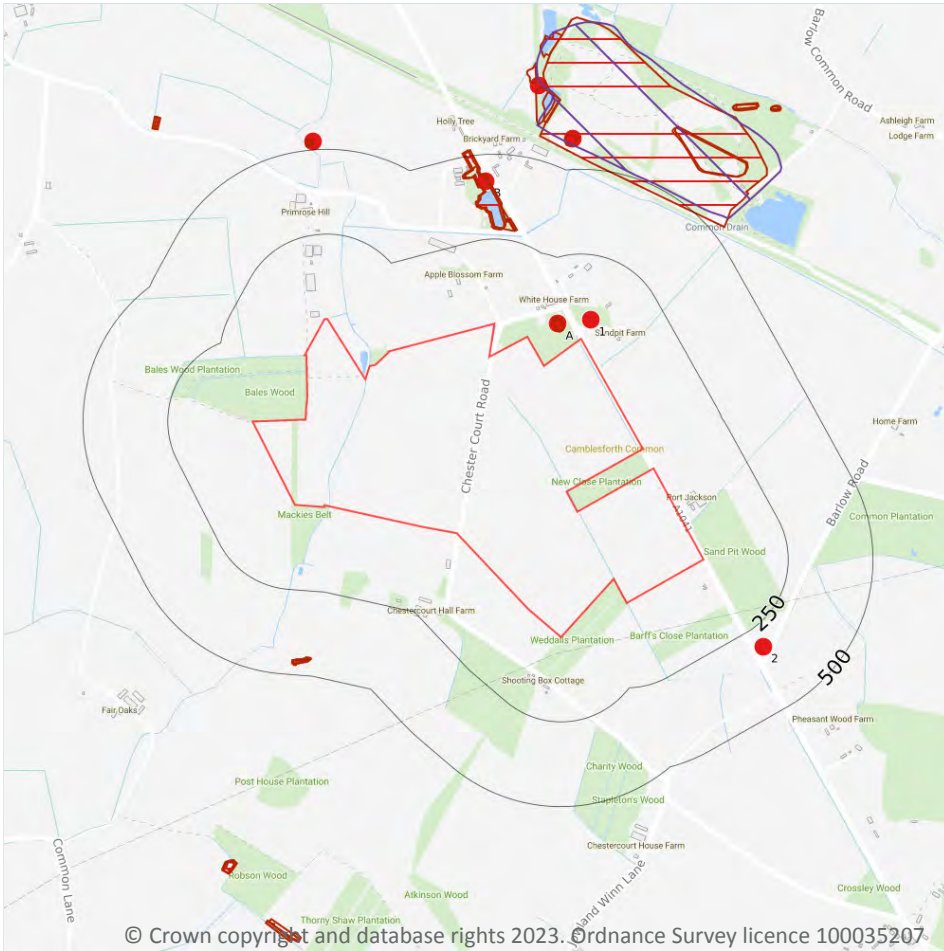
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 100](#) >

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, ground workings and natural cavities



18.1 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.

18.2 BritPits

Records within 500m

4

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 102 >](#)

ID	Location	Details	Description
1	63m NE	Name: Cat Babbleton Sand Pits Address: Barlow, SELBY, North Yorkshire Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
A	76m NE	Name: Cat Babbleton Sand Pits Address: Barlow, SELBY, North Yorkshire Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
2	311m SE	Name: Sand Pit Wood Sand Pit Address: Barlow, SELBY, North Yorkshire Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
B	421m N	Name: Pears Bridge Brick Yard Address: Barlow, SELBY, North Yorkshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.



18.3 Surface ground workings

Records within 250m**3**

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 102 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	52m NE	Sand Pit	1950	1:10560
A	56m NE	Sand Pit	1950	1:10560
A	56m NE	Sand Pit	1908	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 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 is data is sourced from Ordnance Survey/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**0**

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).

This data is sourced from the British Geological Survey.



18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous 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.

18.8 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.

18.9 Coal mining

Records on site

1

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

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

18.10 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.



18.11 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 Clay mining

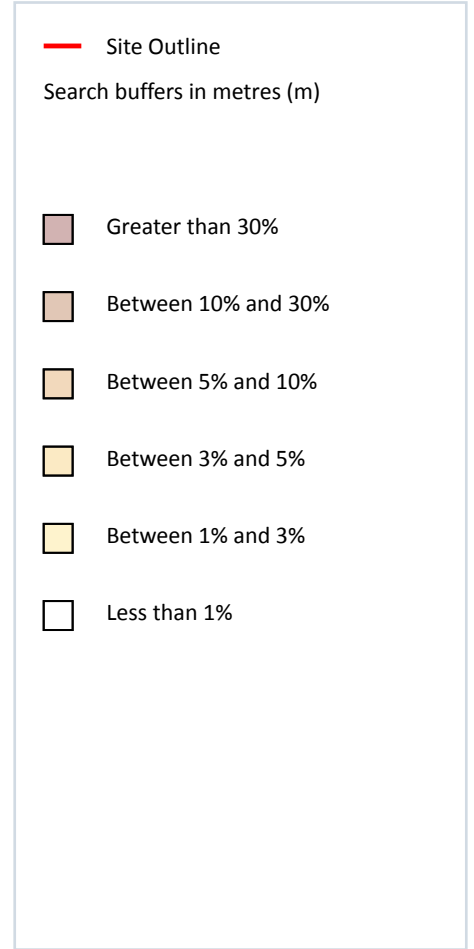
Records on site

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 Radon



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19.1 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 107 >](#)

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.



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.

20.3 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.

21 Railway infrastructure and projects

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

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.

21.5 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.

21.6 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.

21.7 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.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

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.

21.10 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

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

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SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_D

Site Details

Location: 463063 426821
Area: 36.34 ha
Authority: [The North Yorkshire Council](#) ↗



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[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 8 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
12 >	1.1 >	Historical industrial land uses >	0	0	0	0	-
13 >	1.2 >	Historical tanks >	0	0	0	0	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
13 >	1.4 >	Historical petrol stations >	0	0	1	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	0	0	-
16 >	2.2 >	Historical tanks >	0	0	0	0	-
16 >	2.3 >	Historical energy features >	0	0	0	0	-
16 >	2.4 >	Historical petrol stations >	0	0	2	0	-
16 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
17 >	3.1 >	Active or recent landfill >	0	0	0	0	-
17 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
18 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
18 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
18 >	3.5 >	Historical waste sites >	0	0	0	0	-
18 >	3.6 >	Licensed waste sites >	0	0	0	0	-
18 >	3.7 >	Waste exemptions >	0	0	0	13	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
20 >	4.1 >	Recent industrial land uses >	0	1	3	-	-
21 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
21 >	4.3 >	Electricity cables >	0	0	0	0	-
21 >	4.4 >	Gas pipelines >	0	0	0	0	-
21 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



21 >	4.6 >	Control of Major Accident Hazards (COMAH) >	0	0	0	0	-
22 >	4.7 >	Regulated explosive sites >	0	0	0	0	-
22 >	4.8 >	Hazardous substance storage/usage >	0	0	0	0	-
22 >	4.9 >	Historical licensed industrial activities (IPC) >	0	0	0	0	-
22 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	0	0	0	-
22 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	0	0	-
23 >	4.12 >	Radioactive Substance Authorisations >	0	0	0	0	-
23 >	4.13 >	Licensed Discharges to controlled waters >	0	0	2	0	-
23 >	4.14 >	Pollutant release to surface waters (Red List) >	0	0	0	0	-
24 >	4.15 >	Pollutant release to public sewer >	0	0	0	0	-
24 >	4.16 >	List 1 Dangerous Substances >	0	0	0	0	-
24 >	4.17 >	List 2 Dangerous Substances >	0	0	0	0	-
24 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	0	0	-
24 >	4.19 >	Pollution inventory substances >	0	0	0	0	-
25 >	4.20 >	Pollution inventory waste transfers >	0	0	0	0	-
25 >	4.21 >	Pollution inventory radioactive waste >	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
26 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
28 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
29 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
30 >	5.4 >	Groundwater vulnerability- soluble rock risk >	None (within 0m)				
30 >	5.5 >	Groundwater vulnerability- local information >	None (within 0m)				
31 >	5.6 >	Groundwater abstractions >	0	0	7	0	36
42 >	5.7 >	Surface water abstractions >	0	0	0	0	3
43 >	5.8 >	Potable abstractions >	0	0	0	0	0
43 >	5.9 >	Source Protection Zones >	1	0	0	0	-
44 >	5.10 >	Source Protection Zones (confined aquifer) >	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
45 >	6.1 >	Water Network (OS MasterMap) >	9	6	3	-	-



47 >	6.2 >	Surface water features >	1	5	3	-	-
47 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
48 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
48 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
49 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
50 >	7.2 >	Historical Flood Events >	1	0	2	-	-
50 >	7.3 >	Flood Defences >	0	0	0	-	-
51 >	7.4 >	Areas Benefiting from Flood Defences >	1	0	0	-	-
51 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
52 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
53 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
54 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
56 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
57 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
58 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
58 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
58 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
58 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
59 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
59 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	1
59 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
60 >	10.9 >	Forest Parks >	0	0	0	0	0
60 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
60 >	10.11 >	Green Belt >	0	0	0	0	0
60 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



60 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
61 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
61 >	10.15 >	Nitrate Sensitive Areas >	1	0	0	0	0
61 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	2	1
63 >	10.17 >	SSSI Impact Risk Zones >	3	-	-	-	-
65 >	10.18 >	SSSI Units >	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	11.1 >	World Heritage Sites >	0	0	0	-	-
66 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
66 >	11.3 >	National Parks >	0	0	0	-	-
66 >	11.4 >	Listed Buildings >	0	0	0	-	-
67 >	11.5 >	Conservation Areas >	0	0	0	-	-
67 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
67 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
68 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
69 >	12.2 >	Open Access Land >	0	0	0	-	-
69 >	12.3 >	Tree Felling Licences >	0	0	0	-	-
69 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
70 >	12.5 >	Countryside Stewardship Schemes >	2	1	2	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
71 >	13.1 >	Priority Habitat Inventory >	3	5	4	-	-
72 >	13.2 >	Habitat Networks >	0	0	0	-	-
72 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
72 >	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
74 >	14.1 >	10k Availability >	Identified (within 500m)				
75 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
76 >	14.3 >	Superficial geology (10k) >	1	1	2	1	-

77 >	14.4 >	Landslip (10k) >	0	0	0	0	-
78 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
79 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
80 >	15.1 >	50k Availability >	Identified (within 500m)				
81 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
81 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
82 >	15.4 >	Superficial geology (50k) >	1	1	2	1	-
83 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
83 >	15.6 >	Landslip (50k) >	0	0	0	0	-
83 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
84 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
85 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
85 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
86 >	16.1 >	BGS Boreholes >	0	2	5	-	-
Page	Section	Natural ground subsidence >					
88 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
89 >	17.2 >	Running sands >	Low (within 50m)				
90 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
91 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
92 >	17.5 >	Landslides >	Very low (within 50m)				
93 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
95 >	18.1 >	Natural cavities >	0	0	0	0	-
96 >	18.2 >	BritPits >	0	1	0	0	-
96 >	18.3 >	Surface ground workings >	0	0	0	-	-
96 >	18.4 >	Underground workings >	0	0	0	0	0
96 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



97 >	18.6 >	Non-coal mining >	0	0	0	0	0
97 >	18.7 >	Mining cavities >	0	0	0	0	0
97 >	18.8 >	JPB mining areas >	None (within 0m)				
97 >	18.9 >	Coal mining >	None (within 0m)				
97 >	18.10 >	Brine areas >	None (within 0m)				
98 >	18.11 >	Gypsum areas >	None (within 0m)				
98 >	18.12 >	Tin mining >	None (within 0m)				
98 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	Radon >					
99 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
101 >	20.1 >	BGS Estimated Background Soil Chemistry >	7	2	-	-	-
101 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
102 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
103 >	21.1 >	Underground railways (London) >	0	0	0	-	-
103 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
103 >	21.3 >	Railway tunnels >	0	0	0	-	-
103 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
103 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
104 >	21.6 >	Historical railways >	0	0	0	-	-
104 >	21.7 >	Railways >	0	0	0	-	-
104 >	21.8 >	Crossrail 1 >	0	0	0	0	-
104 >	21.9 >	Crossrail 2 >	0	0	0	0	-
104 >	21.10 >	HS2 >	0	0	0	0	-

Recent aerial photograph



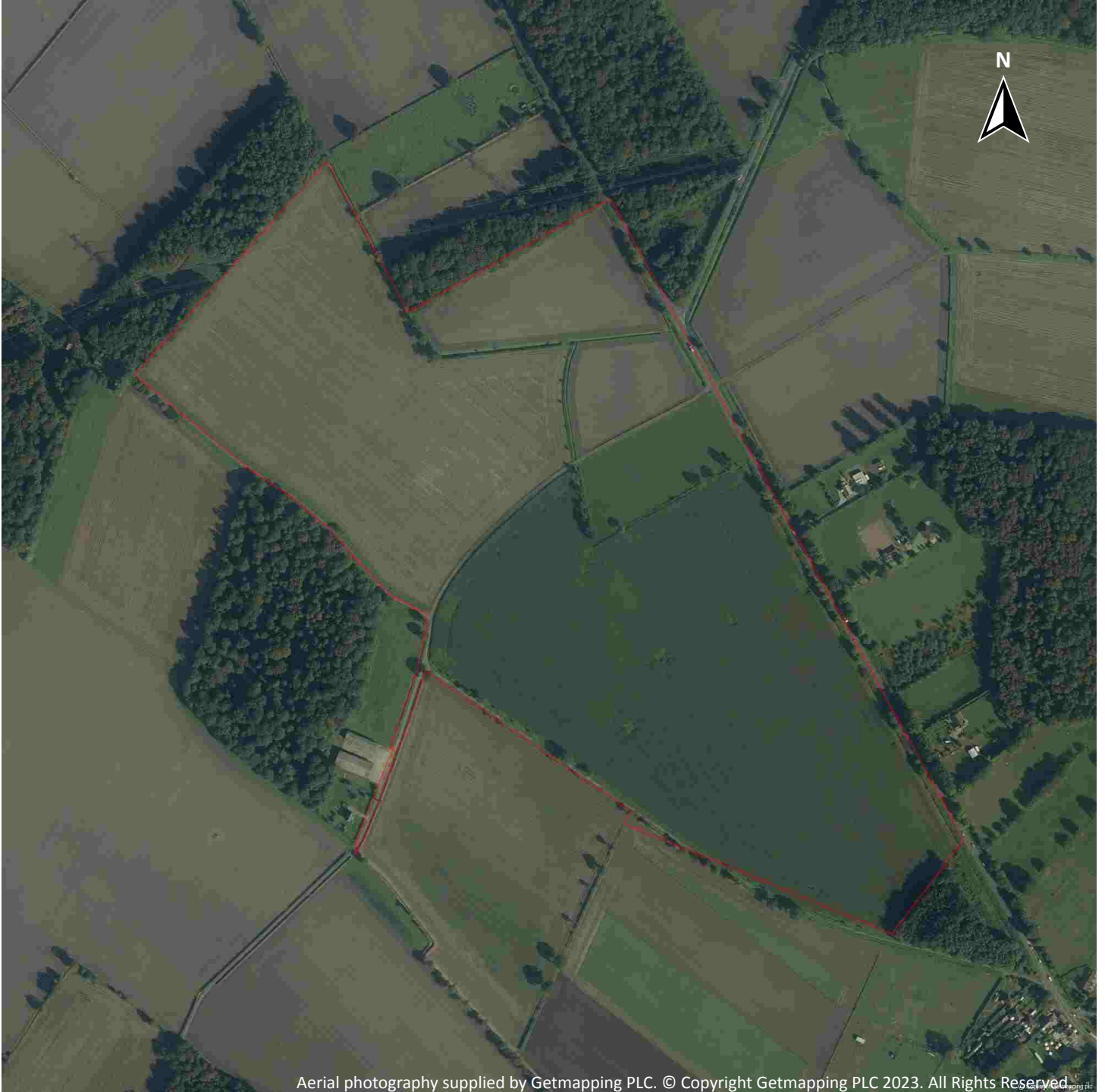
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 24/06/2020

Site Area: 36.34ha



Recent site history - 2017 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 19/09/2017

Site Area: 36.34ha



Recent site history - 2007 aerial photograph



Capture Date: 24/08/2007

Site Area: 36.34ha



Recent site history - 1999 aerial photograph



Capture Date: 18/05/1999

Site Area: 36.34ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

1

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

Features are displayed on the Past land use map on [page 12 >](#)

ID	Location	Land use	Dates present	Group ID
1	226m SE	Filling Station	1970 - 1994	2596

This data is sourced from Ordnance Survey / Groundsure.



1.5 Historical garages

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

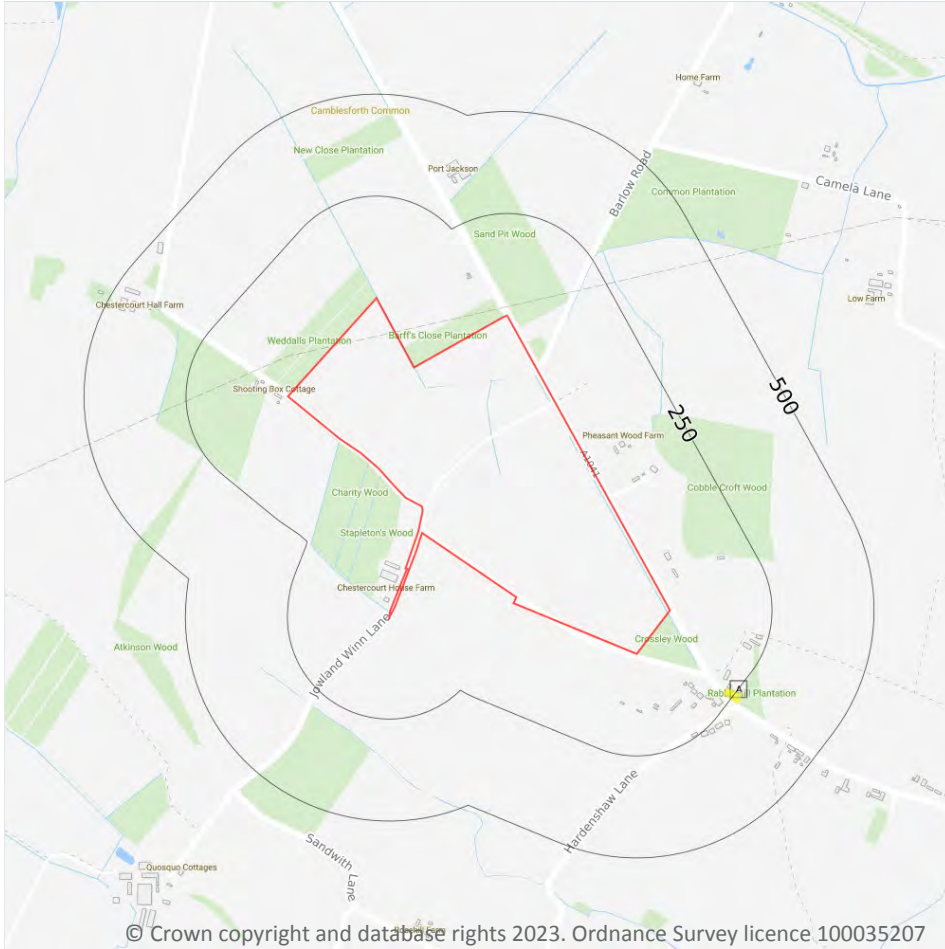
0

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



2.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

2

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'.

Features are displayed on the Past land use - un-grouped map on [page 15 >](#)

ID	Location	Land Use	Date	Group ID
A	226m SE	Filling Station	1994	2596
A	227m SE	Filling Station	1970	2596

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

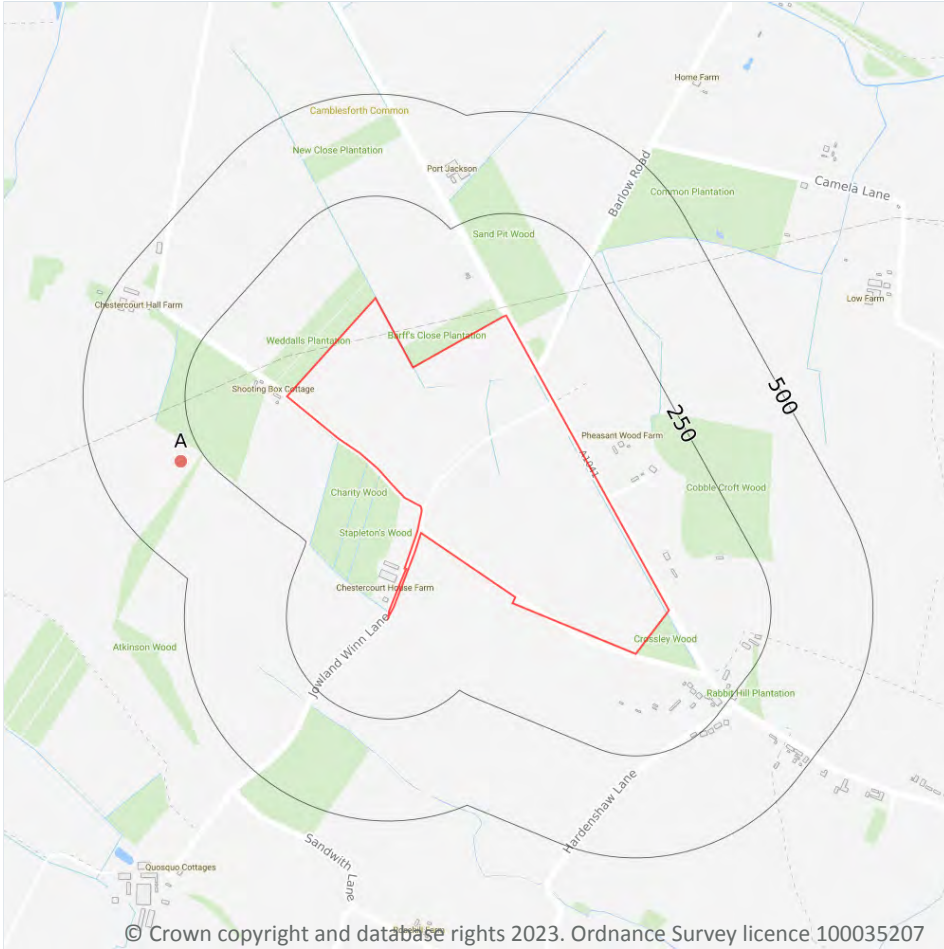
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

13

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 17 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Crushing and emptying waste vehicle oil filters
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of mulch
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	306m W	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose

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
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m **4**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 20](#) >

ID	Location	Company	Address	Activity	Category
1	47m N	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
2	61m W	Shooting Box	North Yorkshire, YO8	Shooting Facilities	Sports Complex
3	66m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
4	246m NE	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m **0**

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m **0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m **0**

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

0

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

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

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

2

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 20](#) >

ID	Location	Address	Details	
A	232m SE	PROPOSED DETACHED BUNGALOW, CAMBLESFORTH, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C5137 Permit Version: 1 Receiving Water: LAND ADJACENT TO ROSE COTTAGE	Status: TRANSFERRED FROM COPA 1974 Issue date: 08/07/1988 Effective Date: 08/07/1988 Revocation Date: 25/07/2012
A	232m SE	PROPOSED DETACHED BUNGALOW, CAMBLESFORTH, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C5137 Permit Version: 2 Receiving Water: LAND ADJACENT TO ROSE COTTAGE	Status: TRANSFERRED FROM COPA 1974 Issue date: 26/07/2012 Effective Date: 26/07/2012 Revocation Date: -

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

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

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

4.19 Pollution inventory substances

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

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

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

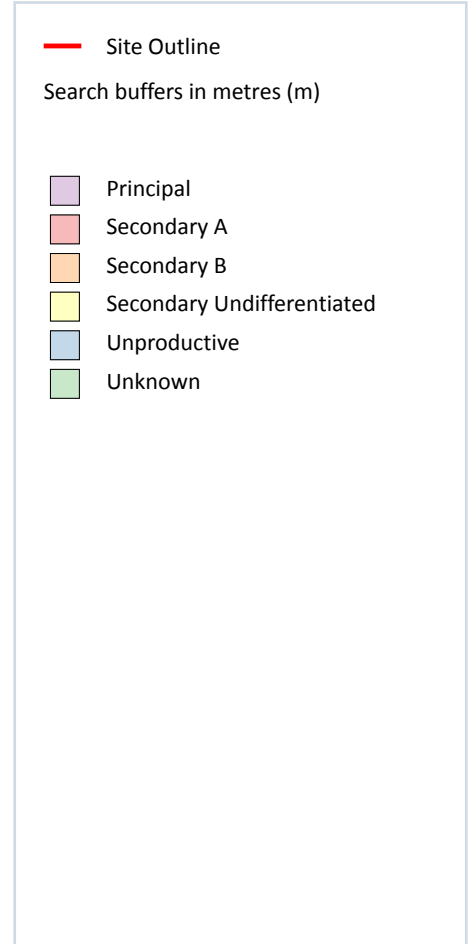
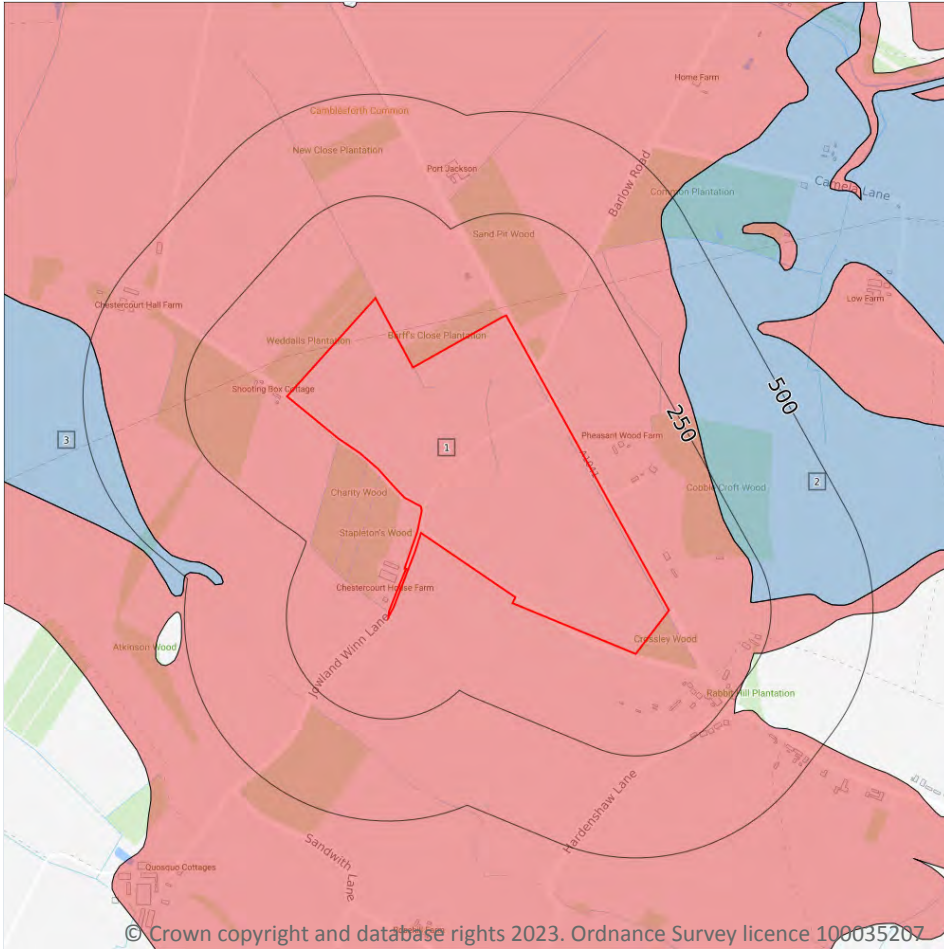
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

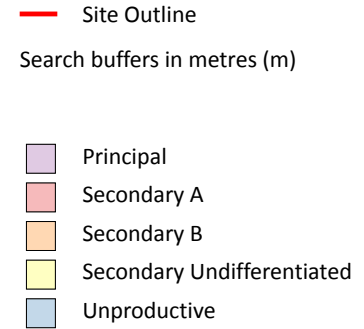
Features are displayed on the Hydrogeology map on [page 26](#) >

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	201m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
3	413m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

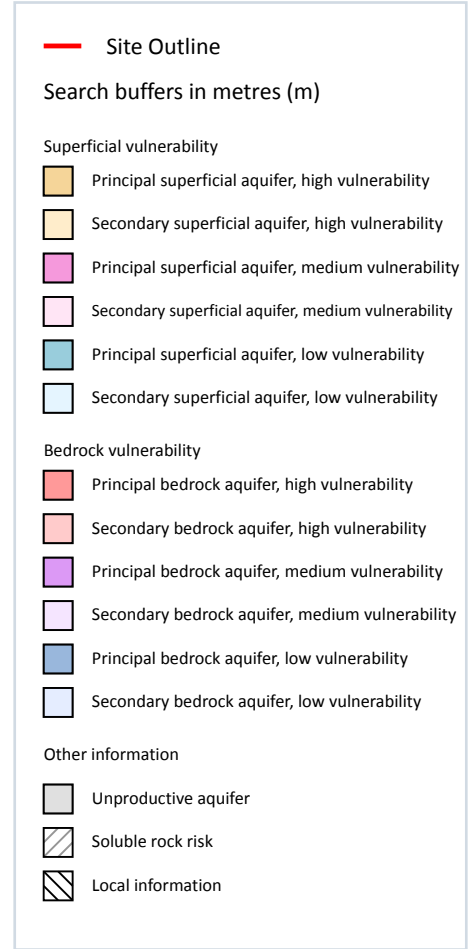
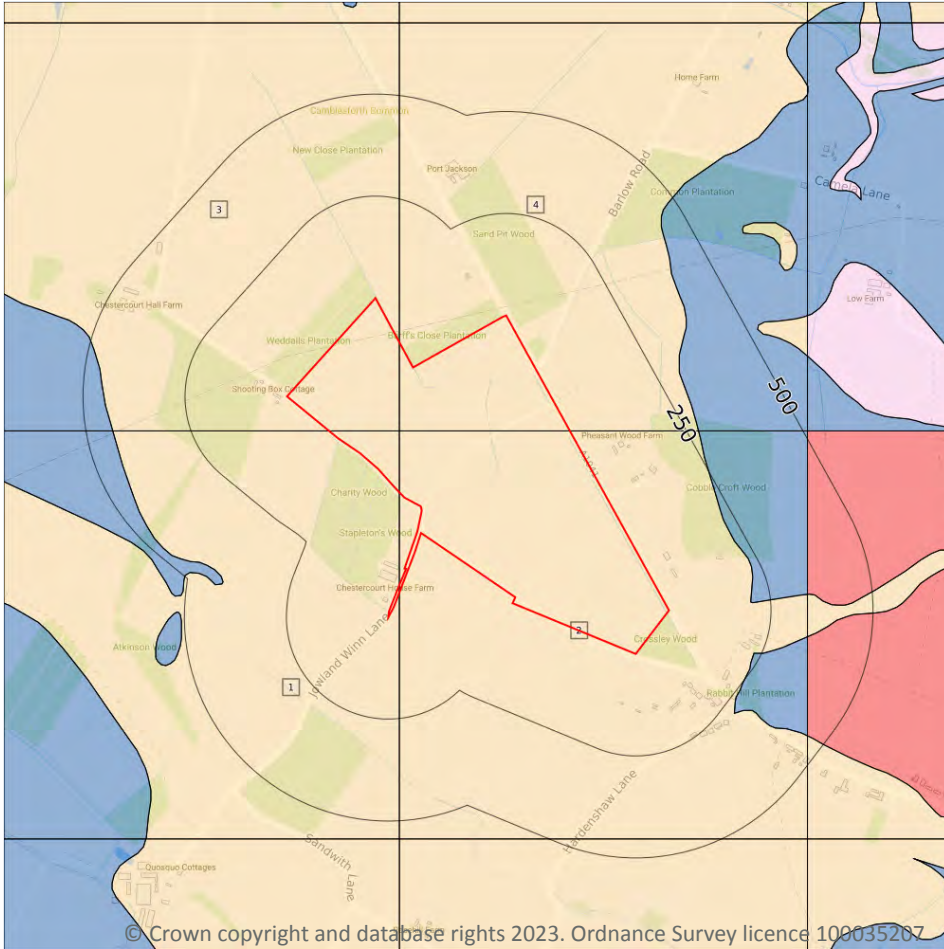
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 28](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

4

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 29 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

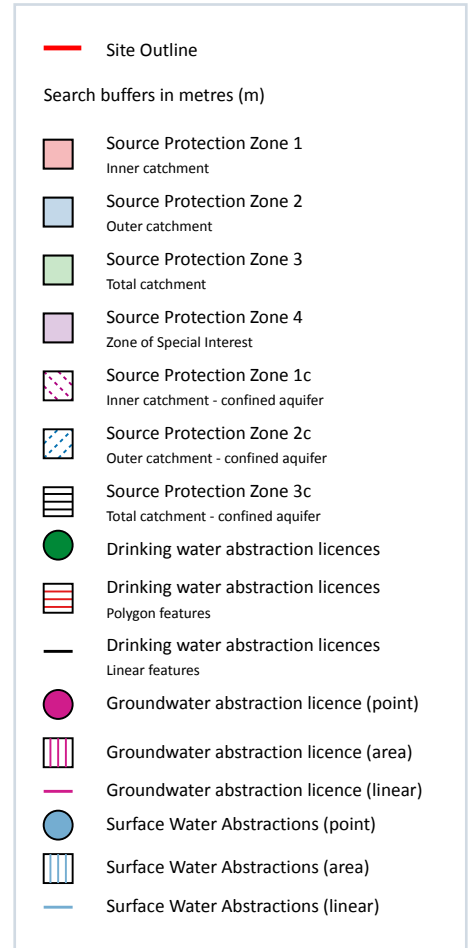
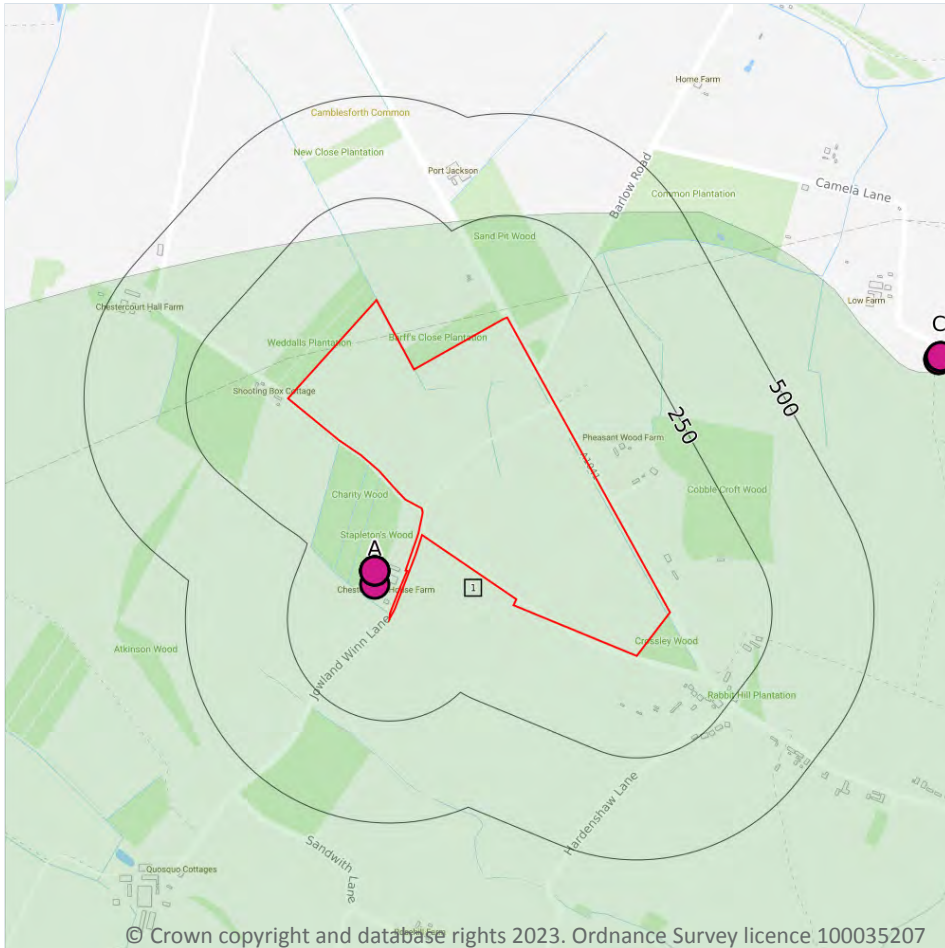
0

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



5.6 Groundwater abstractions

Records within 2000m

43

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 31](#) >

ID	Location	Details	
A	61m SW	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -
A	73m SW	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
A	73m SW	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
A	73m SW	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
A	73m SW	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	73m SW	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	73m SW	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	813m N	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -



ID	Location	Details	
-	813m N	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	818m N	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	818m N	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	818m N	Status: Active Licence No: 2/27/24/477/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	818m N	Status: Active Licence No: 2/27/24/477/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	818m N	Status: Active Licence No: 2/27/24/477/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
C	876m E	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -
C	876m E	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -



ID	Location	Details	
C	882m E	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
C	882m E	Status: Active Licence No: NE/027/0024/003/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -
C	882m E	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -
-	1372m SW	Status: Active Licence No: NE/027/0018/033 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	1372m SW	Status: Active Licence No: NE/027/0018/033 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1555m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1555m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1555m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1555m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -



ID	Location	Details	
-	1568m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
-	1568m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
-	1568m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
-	1568m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -

ID	Location	Details	
-	1568m NW	Status: Active Licence No: 2/27/24/300/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1568m NW	Status: Active Licence No: 2/27/24/300/R01 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1618m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 Data Type: Point Name: AES DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
-	1618m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -



ID	Location	Details	
-	1618m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1618m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1691m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1691m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -

ID	Location	Details	
-	1707m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 Data Type: Point Name: AES DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
-	1707m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -
-	1707m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1707m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -



ID	Location	Details	
-	1768m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1768m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	3
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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 31 >](#)

ID	Location	Details	
-	1845m SE	Status: Historical Licence No: NE/027/0018/004 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: - Original Start Date: 26/07/2010 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 26/07/2010 Version End Date: -



ID	Location	Details	
-	1845m SE	Status: Active Licence No: NE/027/0018/004/R01 Details: Trickle Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: NPS/NA/001836 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1845m SE	Status: Active Licence No: NE/027/0018/004/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: NPS/NA/001836 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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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	1
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 31 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

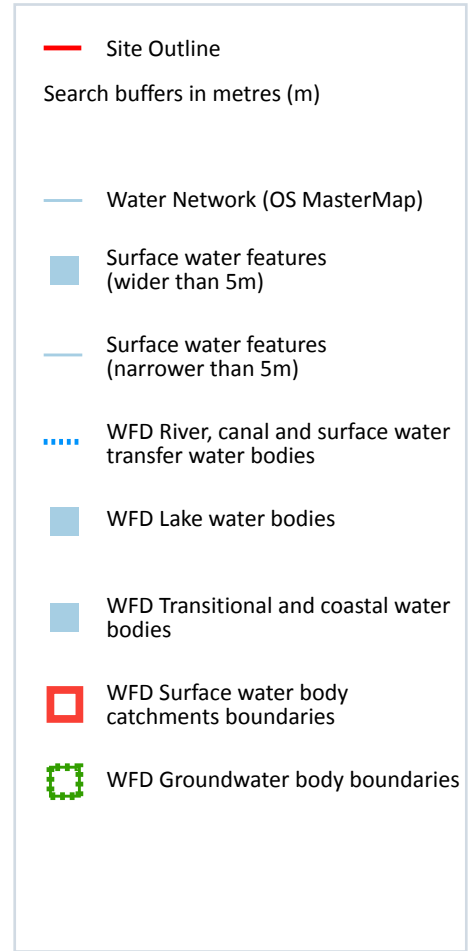
0

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



6.1 Water Network (OS MasterMap)

Records within 250m

18

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 45 >](#)

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.	On ground surface	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	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	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	7m W	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
11	9m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	132m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	162m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	171m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	9
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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 45 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	2
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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 45 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
8	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Ouse Lower Yorkshire	Wharfe and Ouse Lower
9	On site	River	Aire from River Calder to River Ouse	GB104027062760	Aire Lower	Aire and Calder



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 45 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	985m NE	River	Ouse from R Wharfe to Upper Humber	GB104027064270 ↗	Moderate	Fail	Moderate	2019
-	2924m S	River	Aire from River Calder to River Ouse	GB104027062760 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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

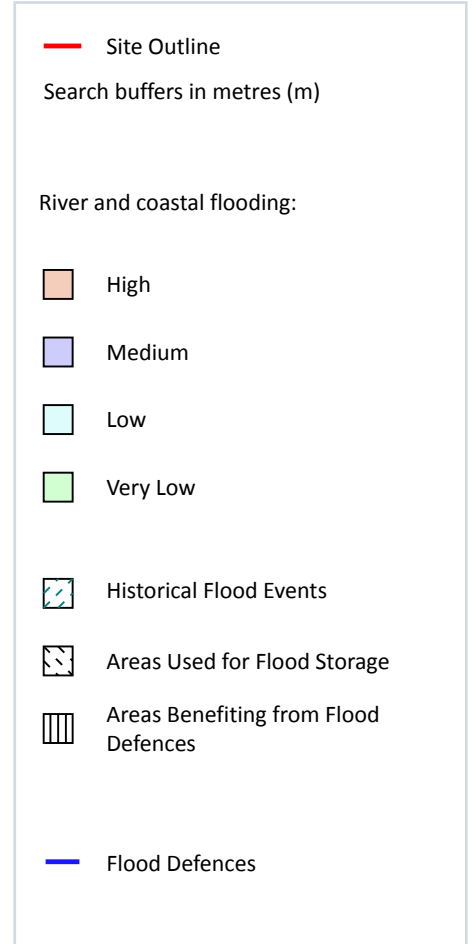
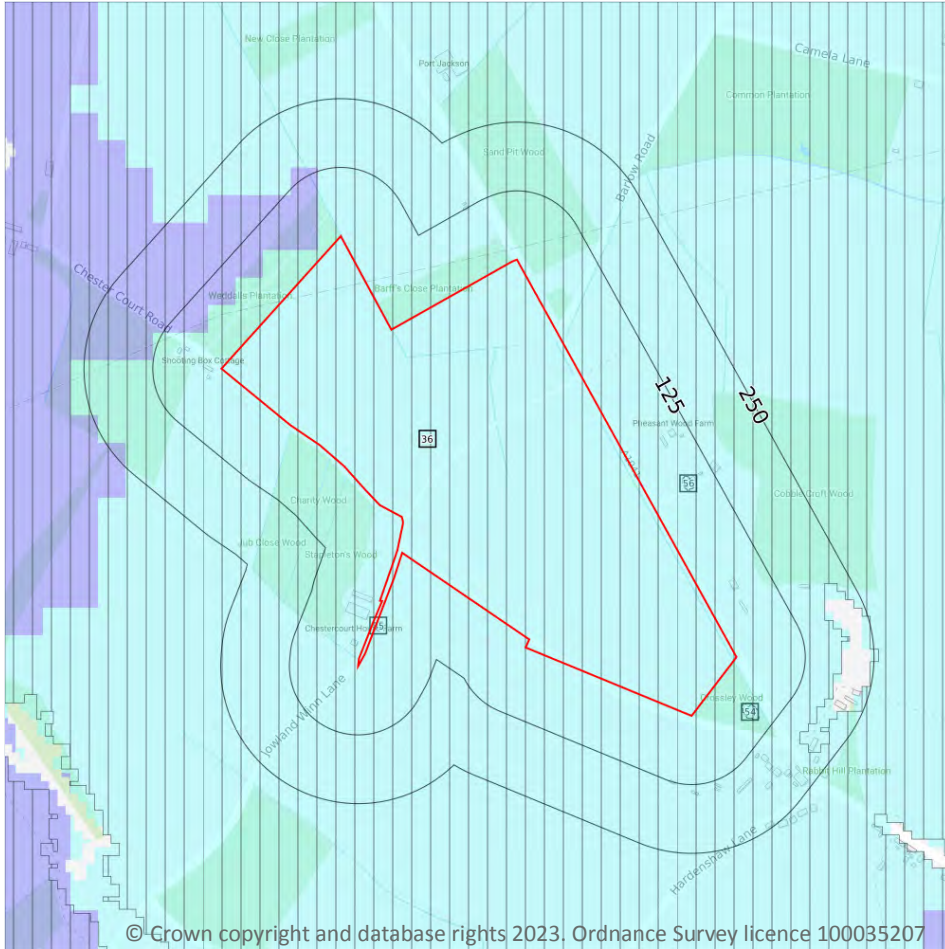
Features are displayed on the Hydrology map on [page 45 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
10	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

51

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 49](#) >

Distance	Flood risk category
On site	Low
0 - 50m	Medium

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

7.2 Historical Flood Events

Records within 250m	3
----------------------------	----------

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 49 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
35	On site	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
54	61m SE	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
56	66m E	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data

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

1

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.

Features are displayed on the River and coastal flooding map on [page 49](#) >

ID	Location	
36	On site	Area benefiting from flood defences

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

7.5 Flood Storage Areas

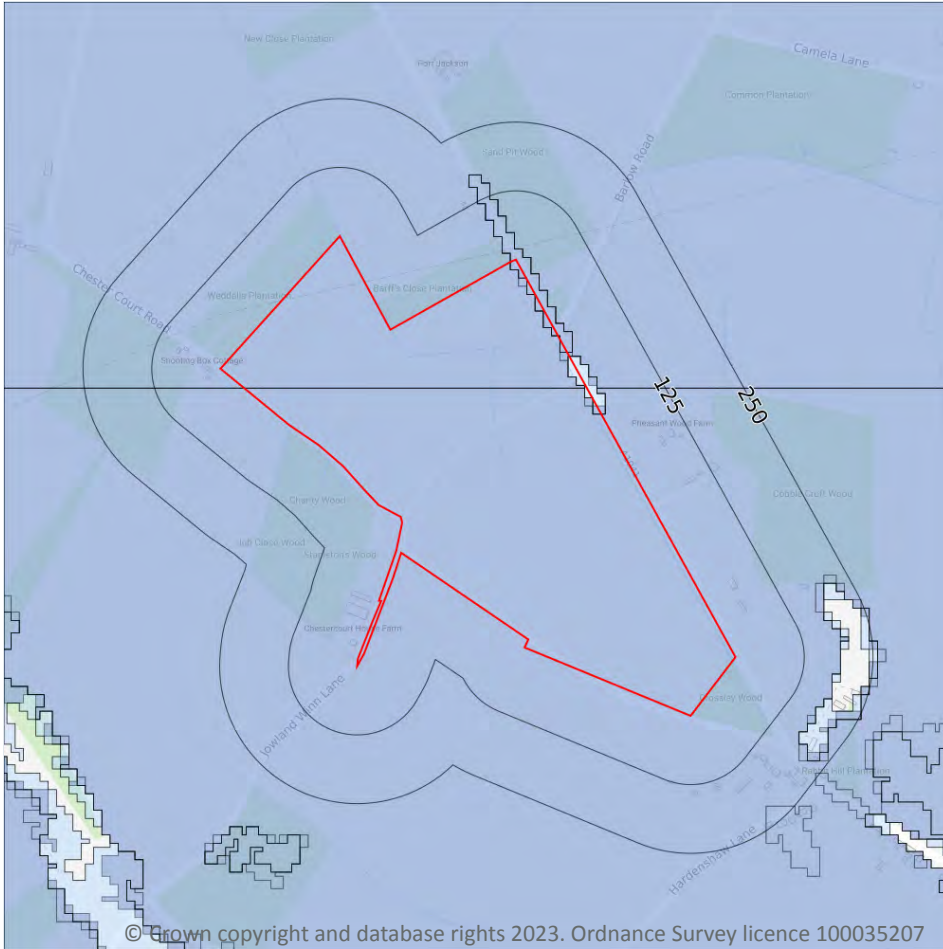
Records within 250m

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 49 >](#)

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

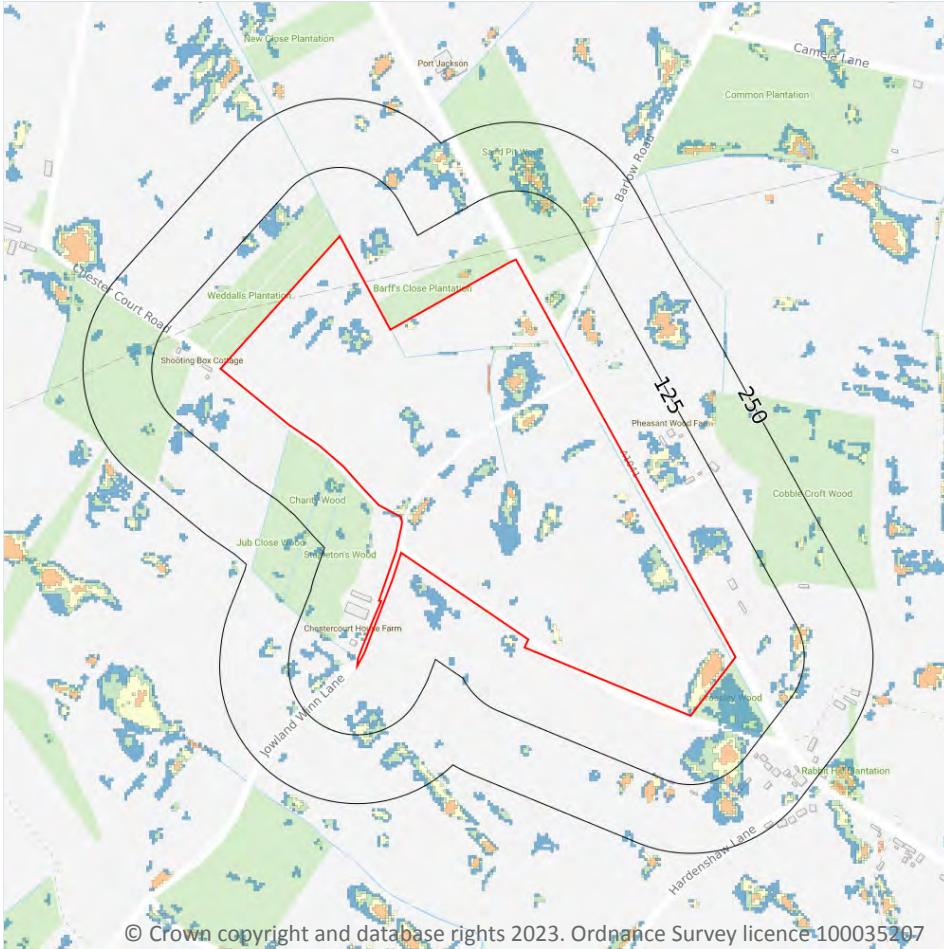
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 49 >](#)

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 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 54 >](#)

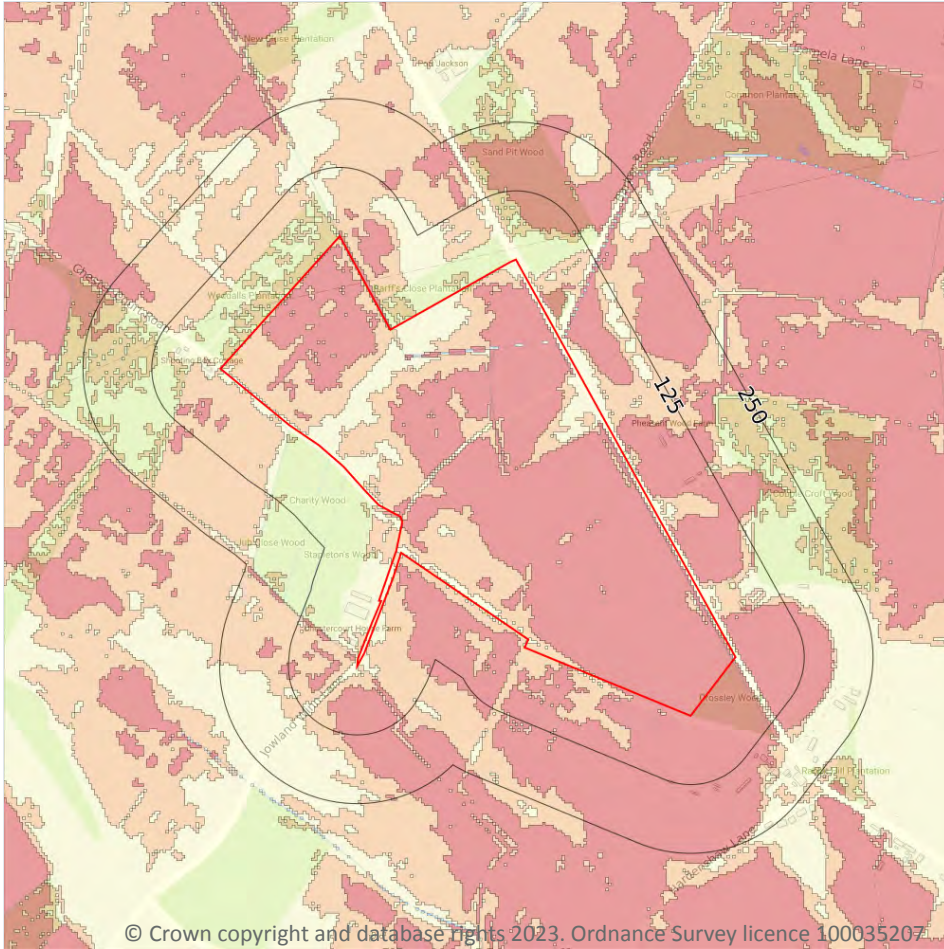
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

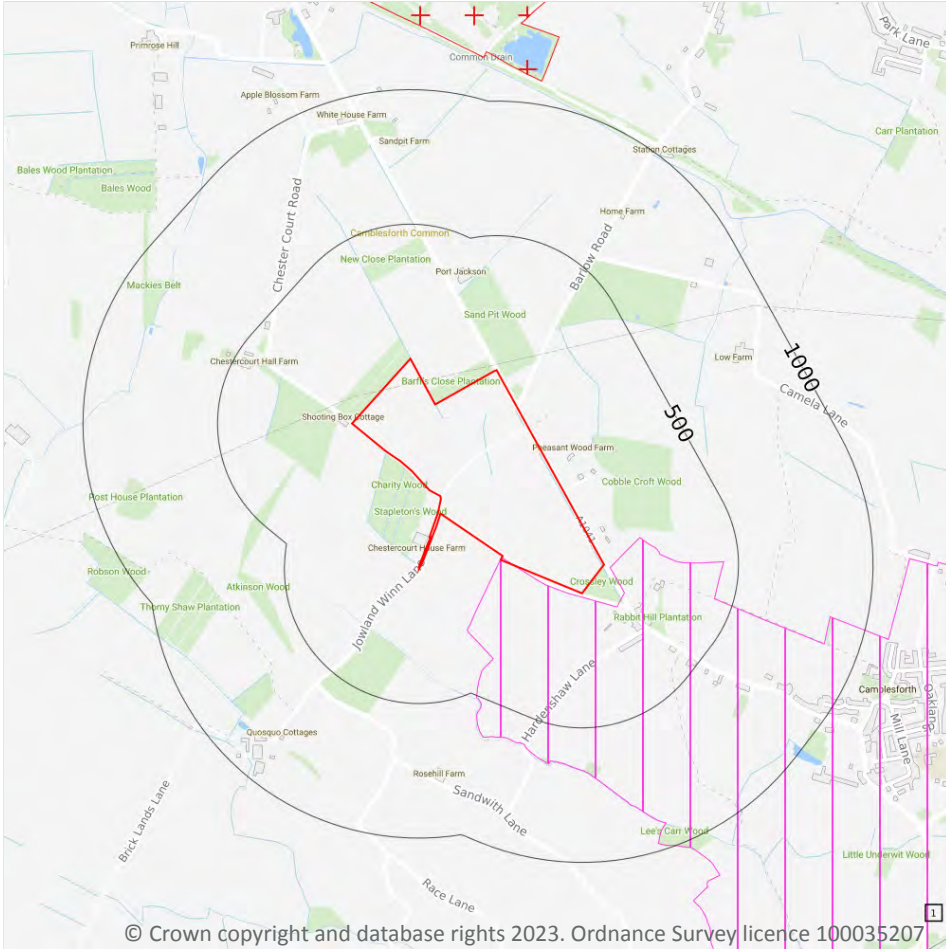
High

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

Features are displayed on the Groundwater flooding map on [page 56 >](#)

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

1

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.

Features are displayed on the Environmental designations map on [page 57 >](#)

ID	Location	Name	Data source
2	1087m N	Barlow Common	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

1

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 57 >](#)

ID	Location	Name	Woodland Type
-	1481m S	Kerrick Spring Wood	Ancient Replanted 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

1

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).

Features are displayed on the Environmental designations map on [page 57 >](#)

ID	Location	Name	Data source
1	On site	Carlton	Natural England

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

4

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.

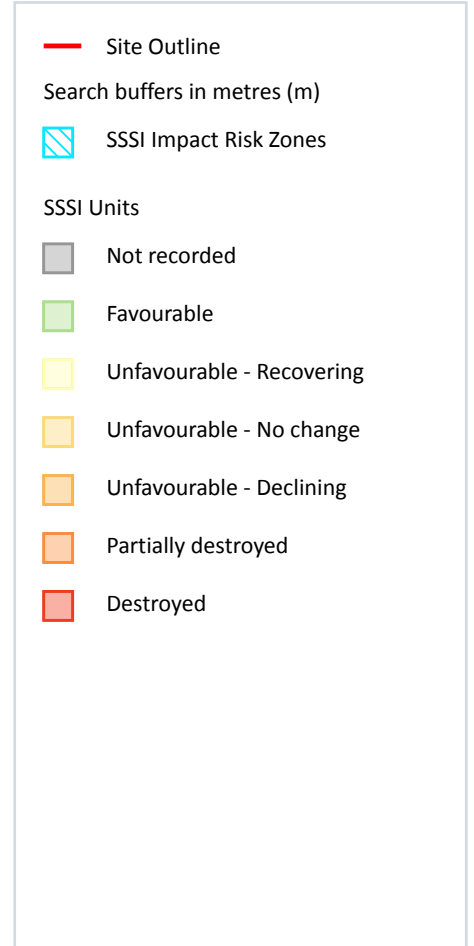
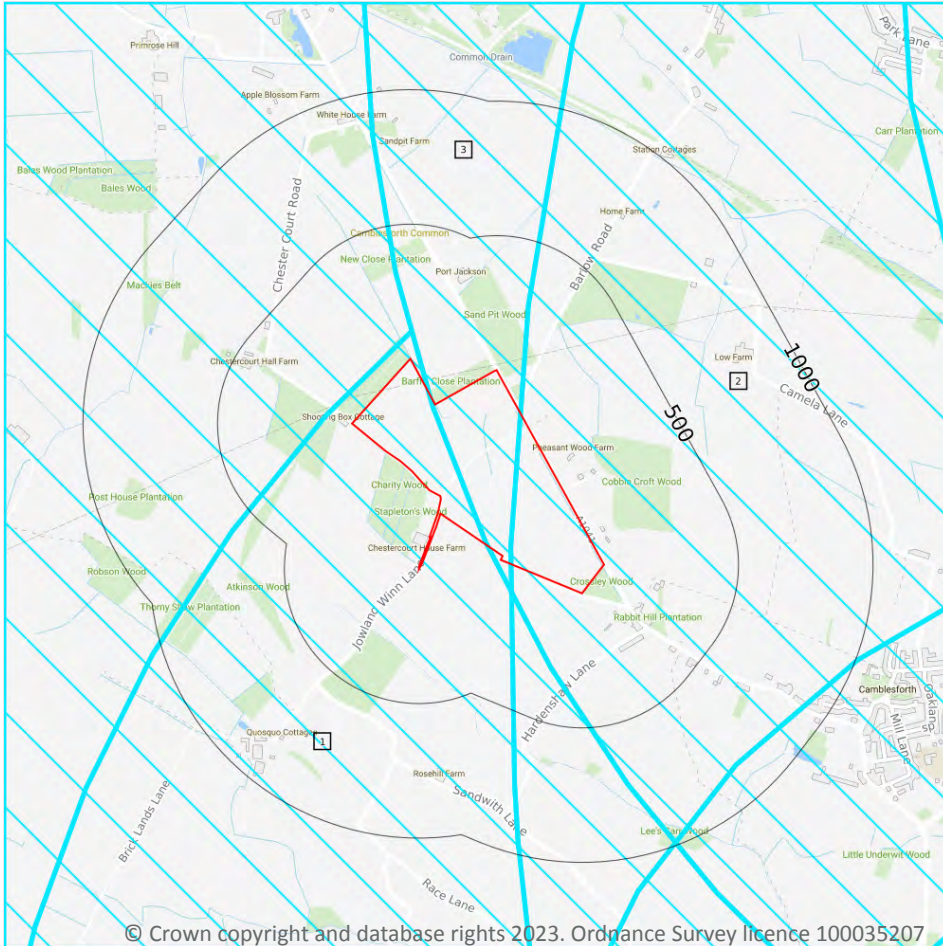
Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
431m E	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
471m S	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
697m SE	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing



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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

3

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 63](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>
2	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>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).</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p>
3	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>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).</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.



10.18 SSSI Units

Records within 2000m

0

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.

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



11 Visual and cultural designations

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

0

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



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

11.5 Conservation Areas

Records within 250m

0

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.

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

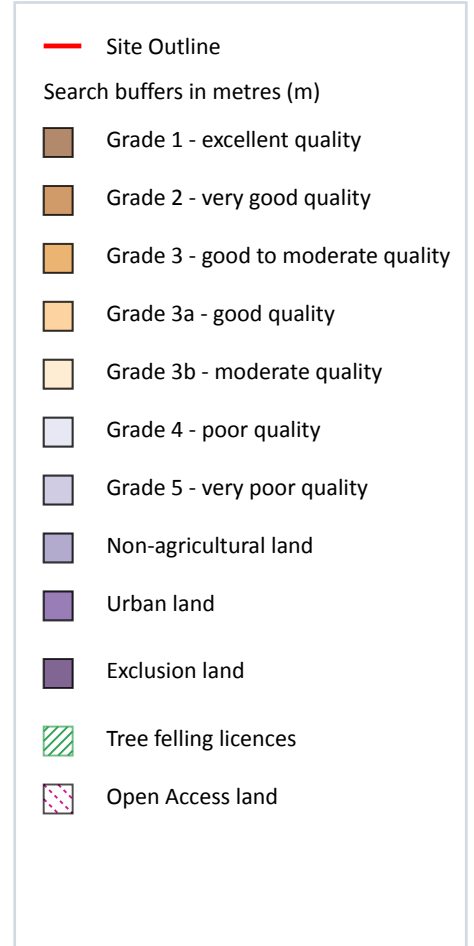
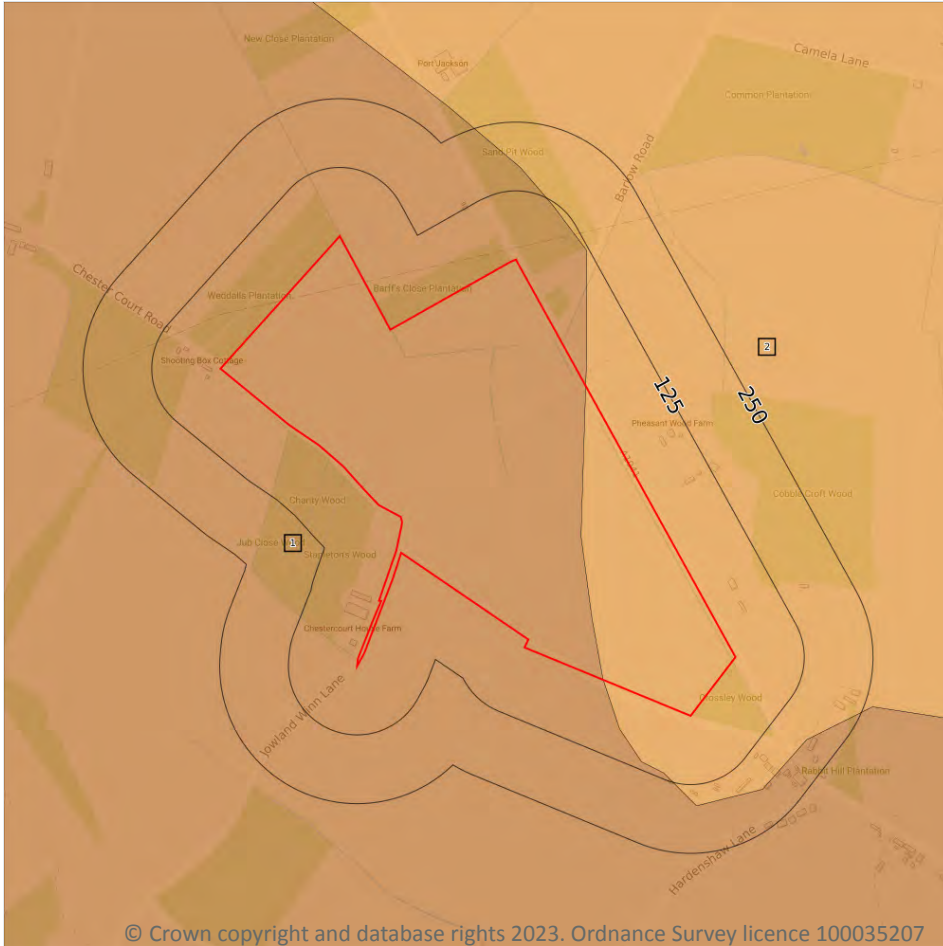
0

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



12.1 Agricultural Land Classification

Records within 250m

2

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 68](#) >

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

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

0

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.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m**5**

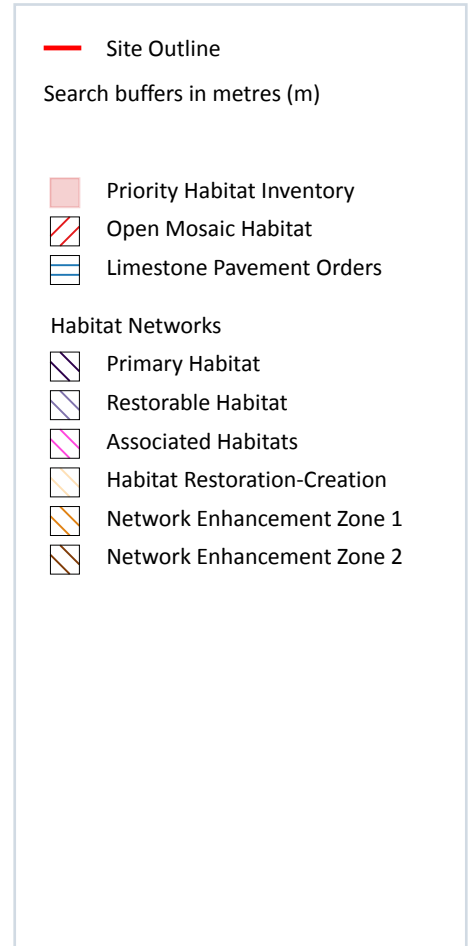
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
0m SW	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
84m NW	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
237m SE	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

12

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 71](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	0m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	1m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	4m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	4m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	44m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	56m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	106m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	131m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	146m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset

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

1

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 74 >](#)

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NW

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

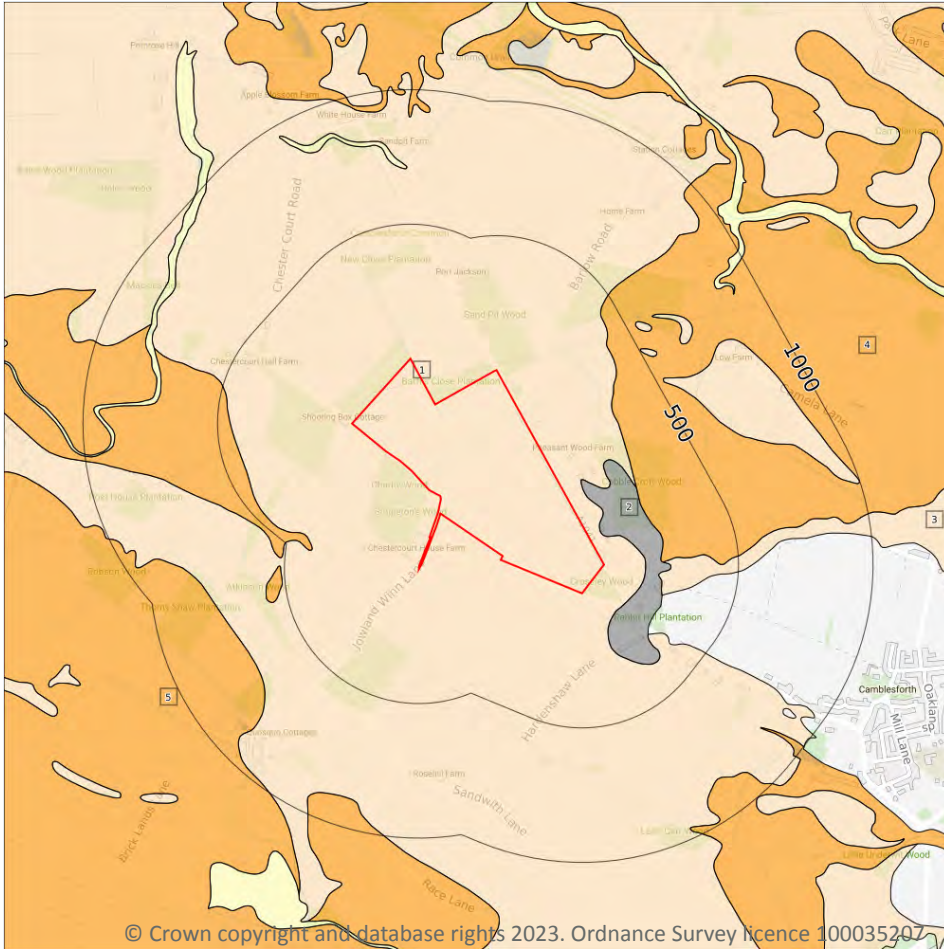
0


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

5

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 76 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	Brighton Sand Formation - Sand	Sand
2	48m SE	BSA1-S	Blown Sand, 1 - Sand	Sand
3	207m SE	BREI-S	Brighton Sand Formation - Sand	Sand
4	213m SE	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty

ID	Location	LEX Code	Description	Rock description
5	403m SW	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty

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

1

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 78 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— 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 80](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_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

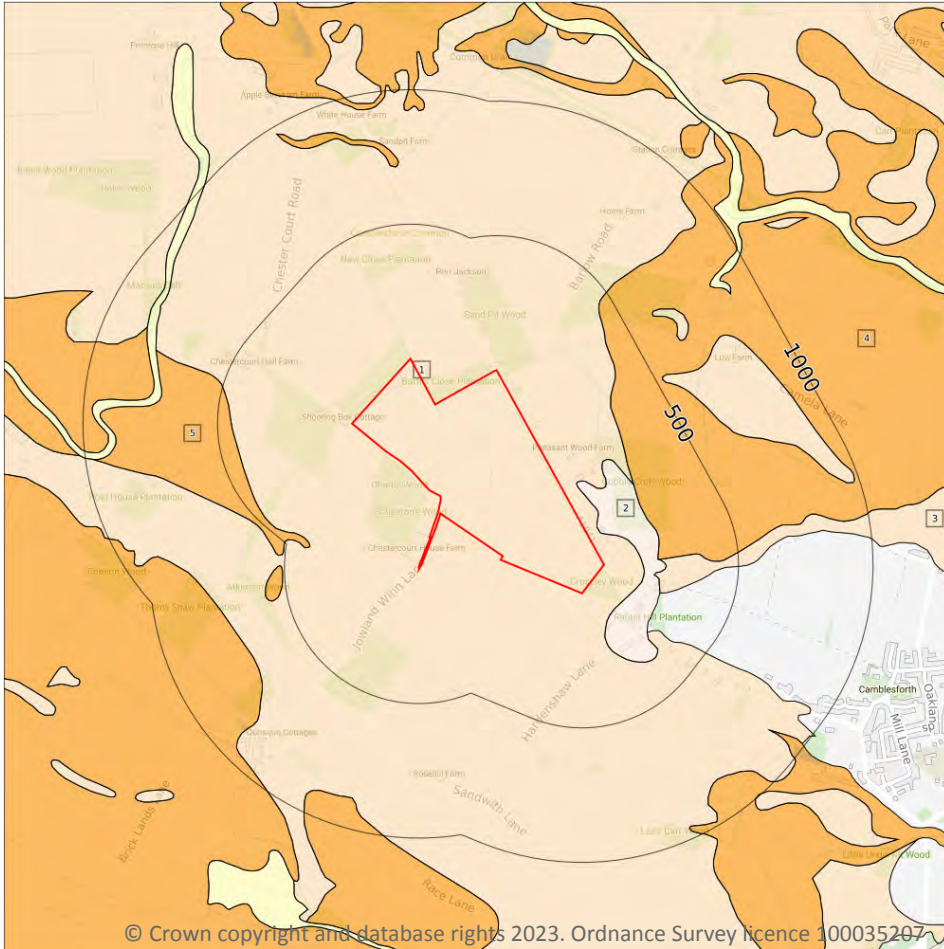
0


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

5

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 82 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	BRIGHTON SAND FORMATION	SAND
2	45m SE	SUTN-S	SUTTON SAND FORMATION	SAND
3	191m SE	BREI-S	BRIGHTON SAND FORMATION	SAND
4	201m SE	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY



ID	Location	LEX Code	Description	Rock description
5	413m SW	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	2
---------------------------	----------

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	High
45m SE	Intergranular	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

1

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 84](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

1

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	High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

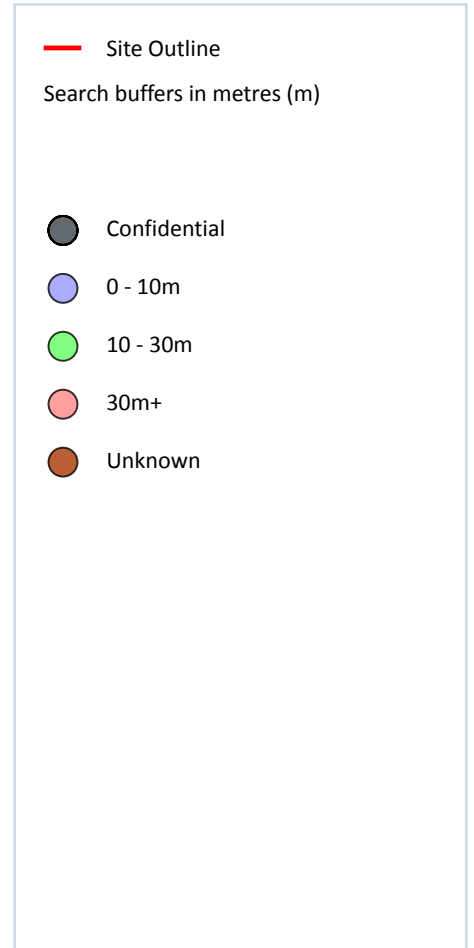
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



16.1 BGS Boreholes

Records within 250m

7

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 86](#) >

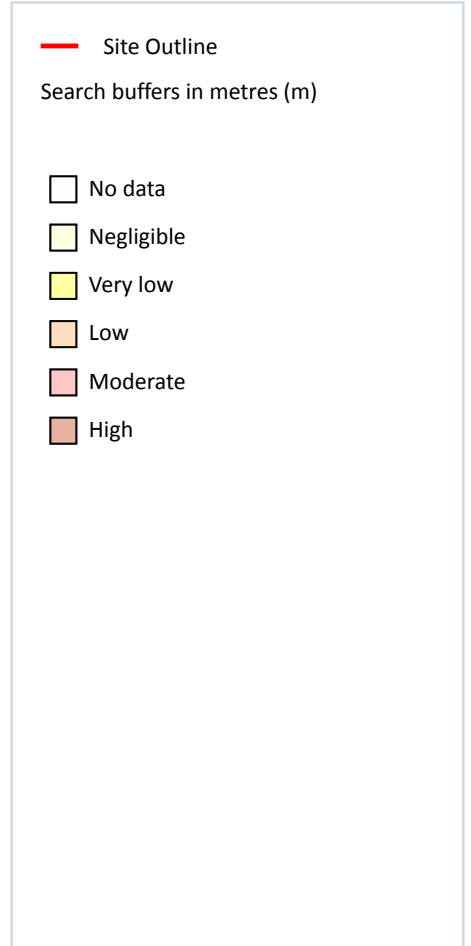
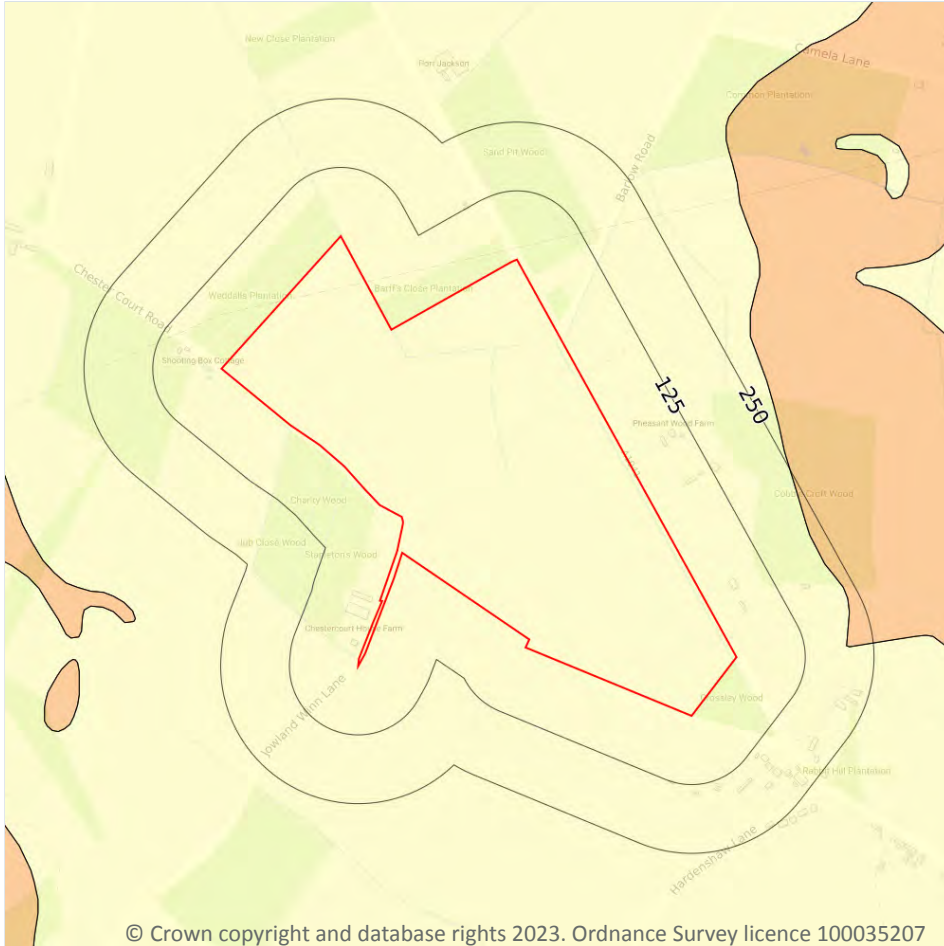
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	7m NE	463420 427010	GOOLE 257	12.19	N	121542 ↗
2	8m E	463560 426760	GOOLE 258	12.19	N	121543 ↗
3	57m N	463161 427293	CEGB 13	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	67m NW	462720 427180	CEGB 14	-	Y	N/A
5	71m SW	462942 426671	CHESTERFIELD HOUSE FARM BH	78.5	N	20781248 ↗
6	96m SE	463720 426480	GOOLE 259	12.19	N	121544 ↗
7	106m N	463220 427380	GOOLE 256	12.19	N	121541 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



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17.1 Shrink swell clays

Records within 50m

1

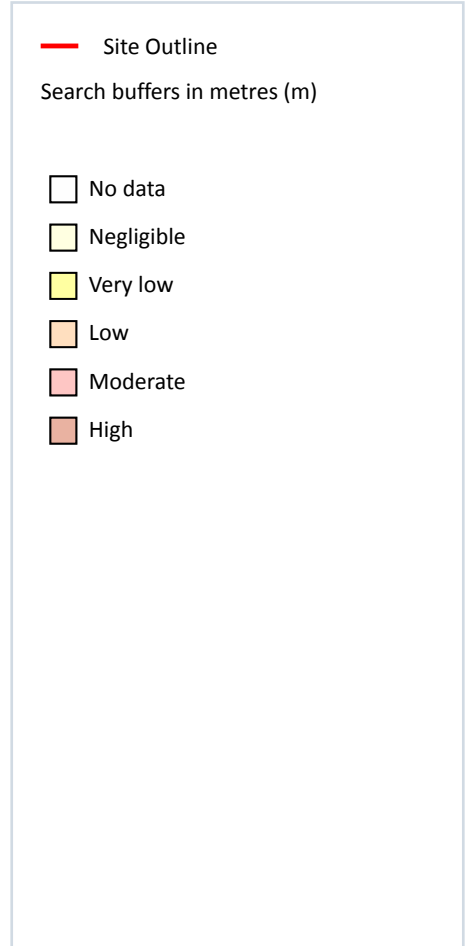
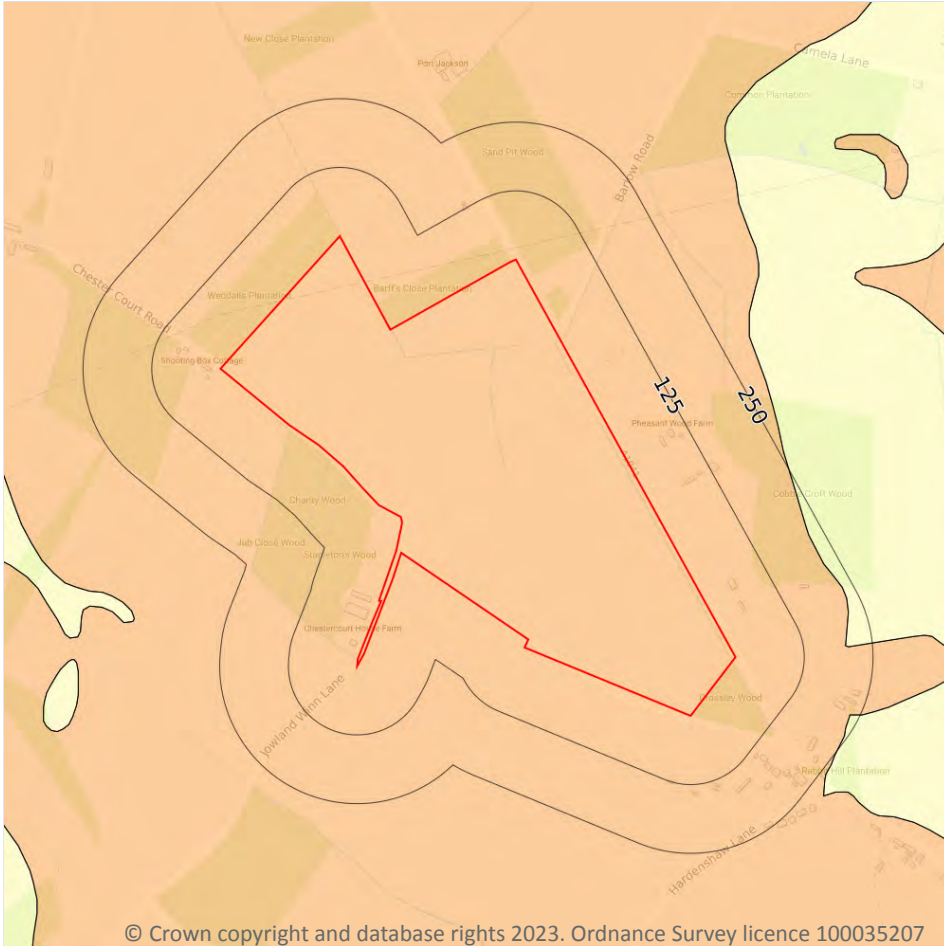
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 88](#) >

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



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17.2 Running sands

Records within 50m

1

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.

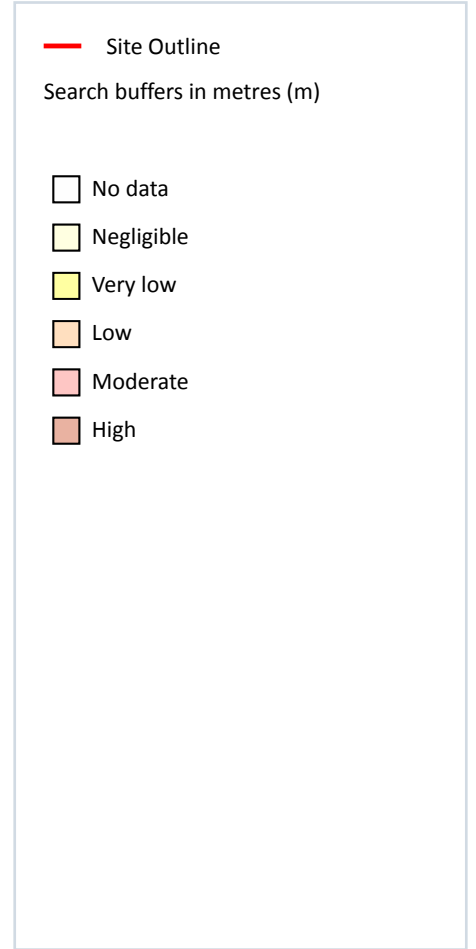
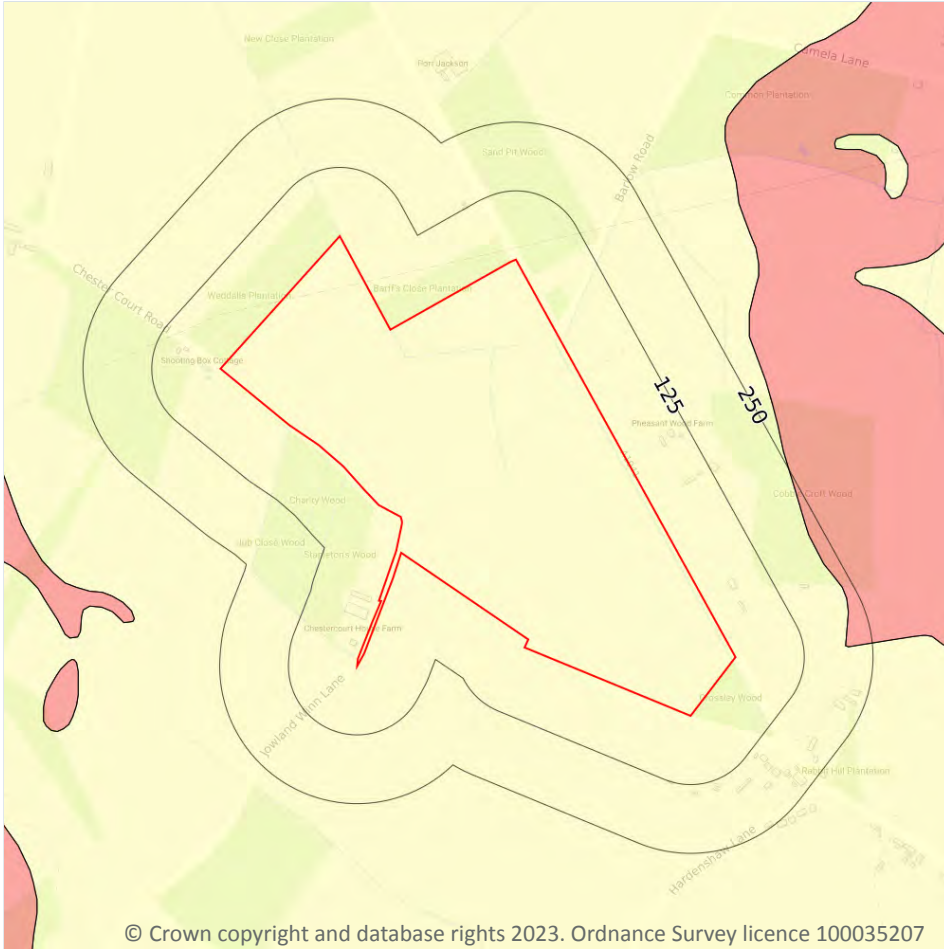
Features are displayed on the Natural ground subsidence - Running sands map on [page 89](#) >

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

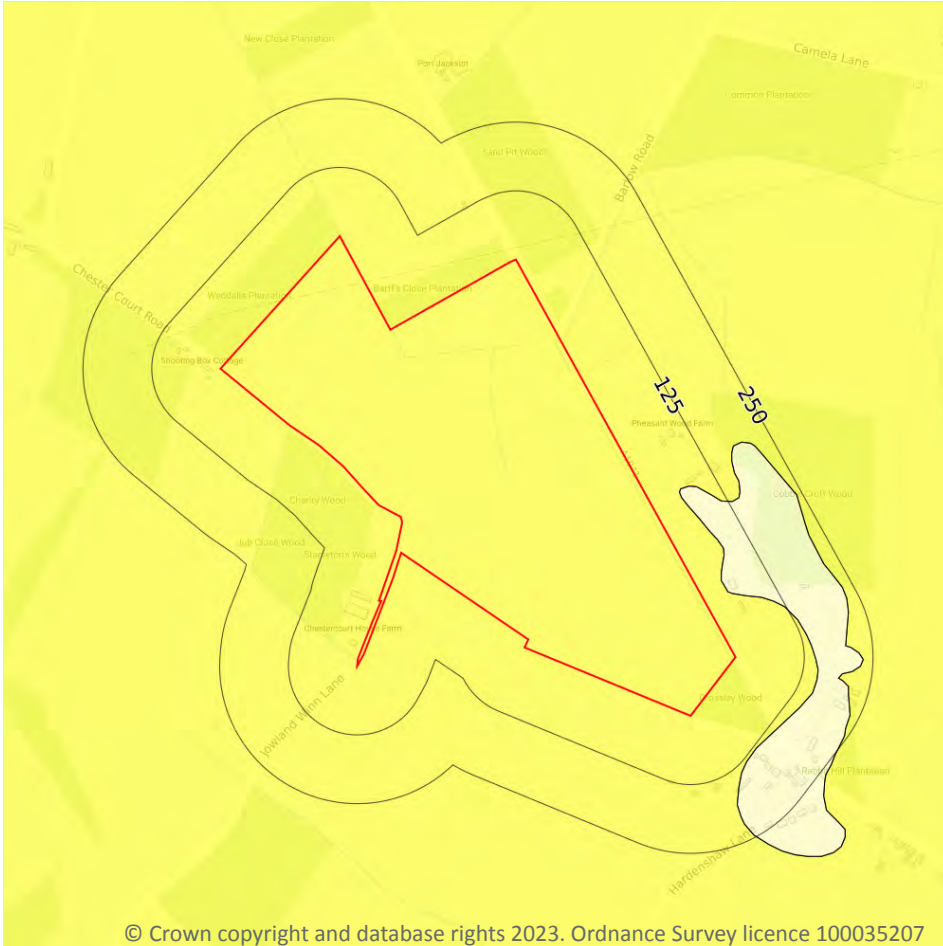
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 90](#) >

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

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

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17.4 Collapsible deposits

Records within 50m

2

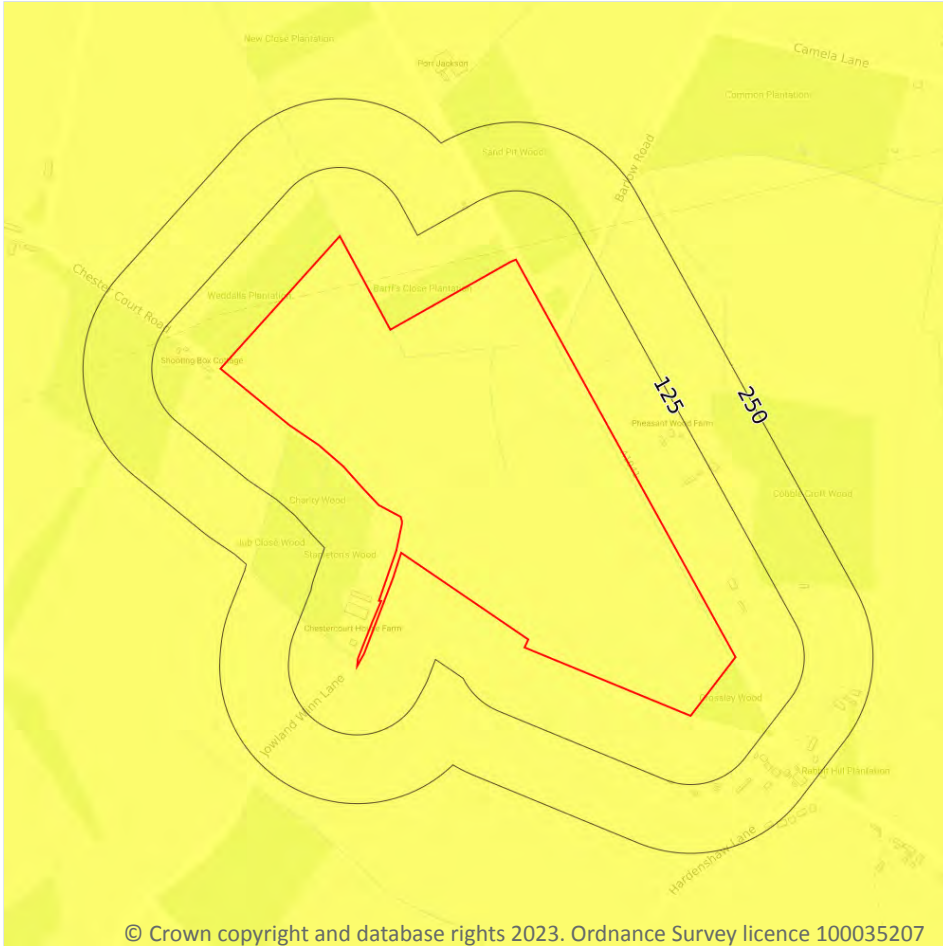
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 91 >](#)

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
45m SE	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



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17.5 Landslides

Records within 50m

1

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.

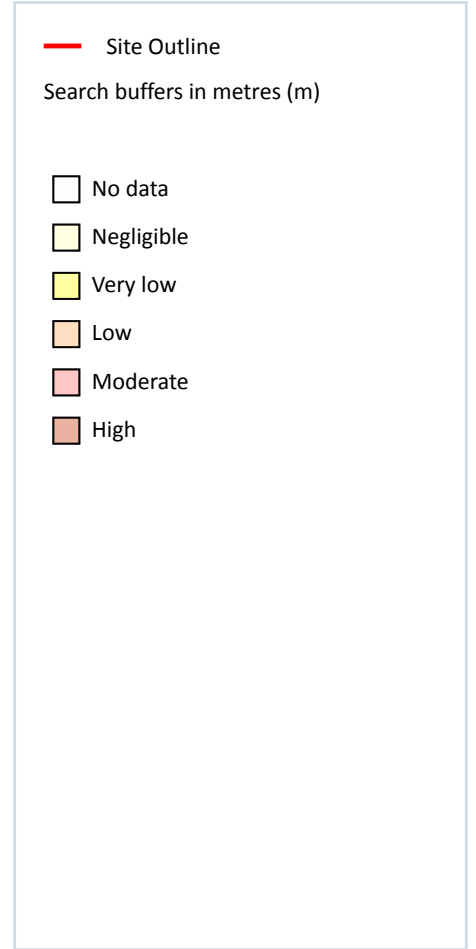
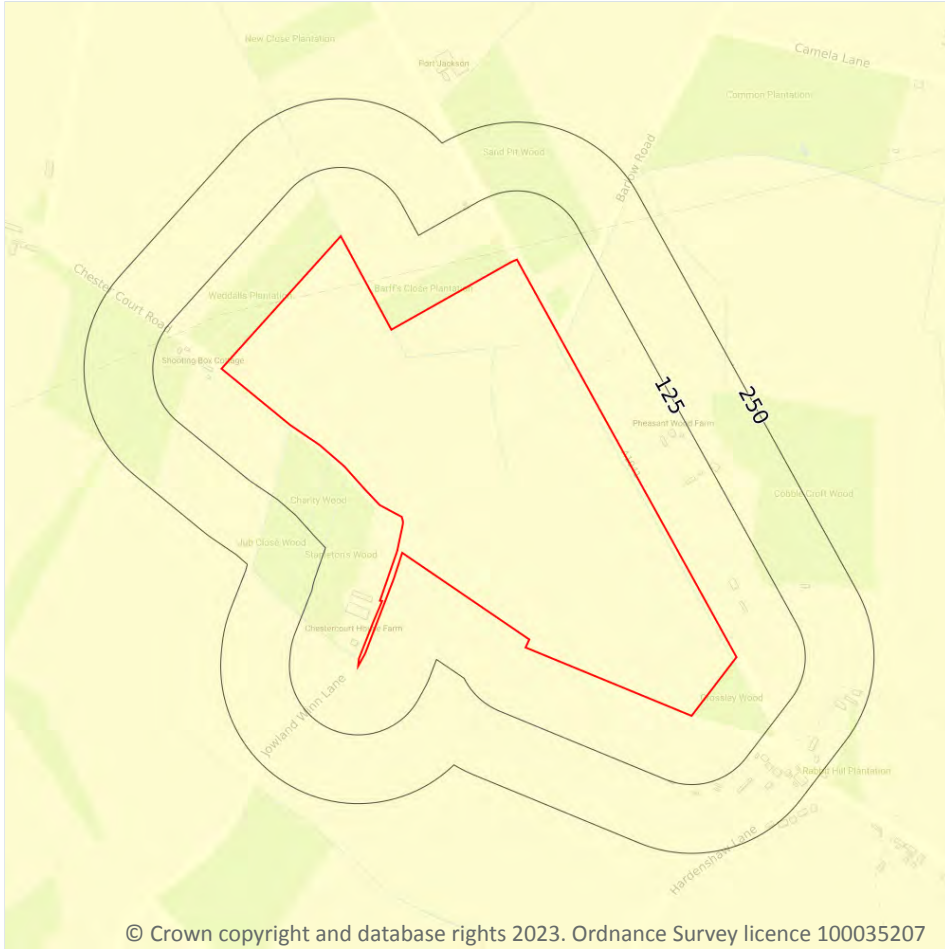
Features are displayed on the Natural ground subsidence - Landslides map on [page 92 >](#)

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.

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 93](#)

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, ground workings and natural cavities



18.1 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.

18.2 BritPits

Records within 500m

1

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 95 >](#)

ID	Location	Details	Description
1	31m N	Name: Sand Pit Wood Sand Pit Address: Barlow, SELBY, North Yorkshire Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

0

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.

This is data is sourced from Ordnance Survey/Groundsure.

18.4 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 is data is sourced from Ordnance Survey/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

0

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).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous 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.

18.8 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.

18.9 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.

18.10 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.



18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

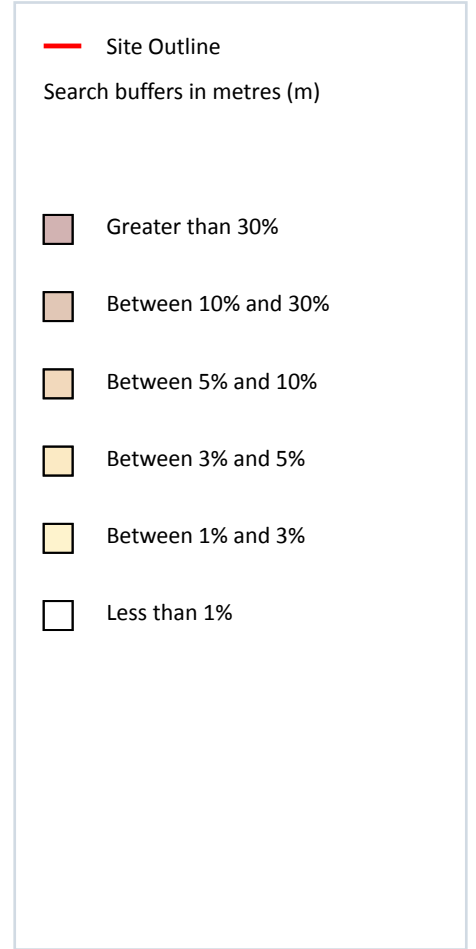
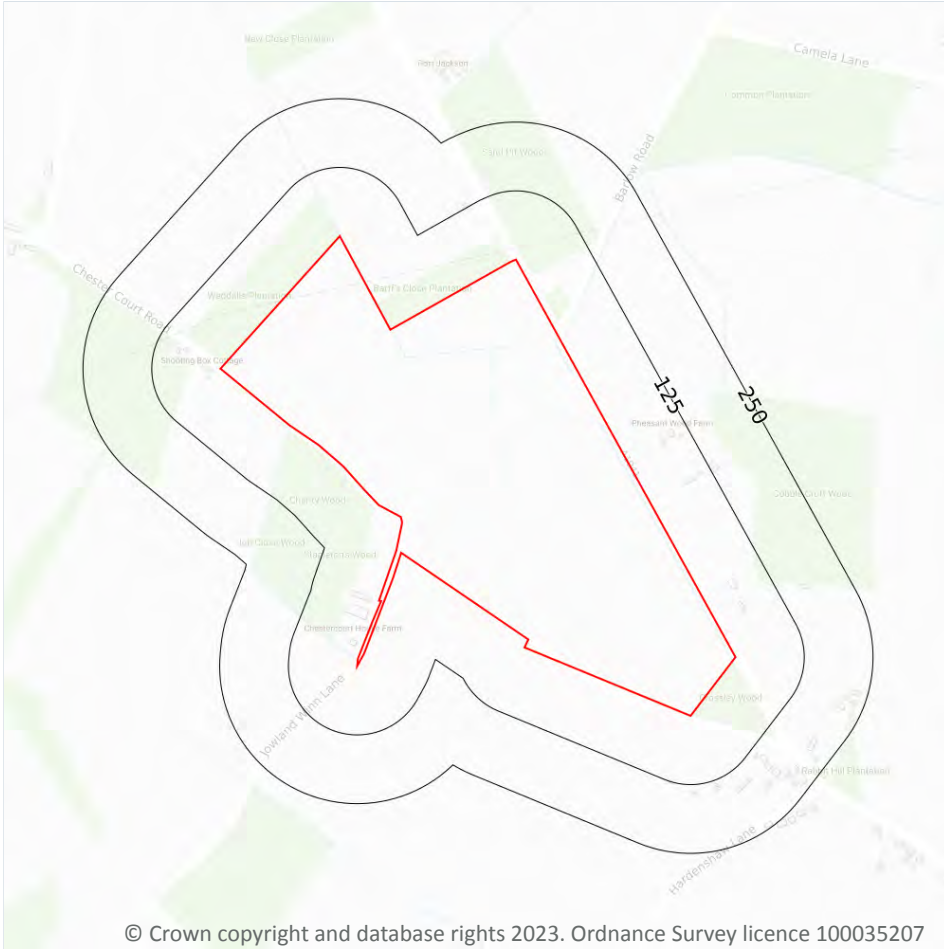
18.13 Clay mining

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 Radon



19.1 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 99 >](#)

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.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

9

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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
44m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
45m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.



20.3 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.



21 Railway infrastructure and projects

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

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.

21.5 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.

21.6 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.

21.7 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.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

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.

21.10 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

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

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-april-2023/> ↗.



SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_E

Site Details

Location: 463159 426226
Area: 66.31 ha
Authority: [The North Yorkshire Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 8 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
12 >	1.1 >	Historical industrial land uses >	0	0	0	0	-
13 >	1.2 >	Historical tanks >	0	0	0	0	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
13 >	1.4 >	Historical petrol stations >	0	1	0	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	0	0	-
16 >	2.2 >	Historical tanks >	0	0	0	0	-
16 >	2.3 >	Historical energy features >	0	0	0	0	-
16 >	2.4 >	Historical petrol stations >	0	2	0	0	-
16 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
17 >	3.1 >	Active or recent landfill >	0	0	0	0	-
17 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
18 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
18 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
18 >	3.5 >	Historical waste sites >	0	0	0	0	-
18 >	3.6 >	Licensed waste sites >	0	0	0	0	-
18 >	3.7 >	Waste exemptions >	13	0	0	0	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
20 >	4.1 >	Recent industrial land uses >	0	1	2	-	-
21 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
21 >	4.3 >	Electricity cables >	0	0	0	0	-
21 >	4.4 >	Gas pipelines >	0	0	1	0	-
21 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



22	>	4.6	>	Control of Major Accident Hazards (COMAH)	>	0	0	0	0	-
22	>	4.7	>	Regulated explosive sites	>	0	0	0	0	-
22	>	4.8	>	Hazardous substance storage/usage	>	0	0	0	0	-
22	>	4.9	>	Historical licensed industrial activities (IPC)	>	0	0	0	0	-
22	>	4.10	>	Licensed industrial activities (Part A(1))	>	0	0	0	0	-
23	>	4.11	>	Licensed pollutant release (Part A(2)/B)	>	0	0	0	0	-
23	>	4.12	>	Radioactive Substance Authorisations	>	0	0	0	0	-
23	>	4.13	>	Licensed Discharges to controlled waters	>	0	0	2	1	-
24	>	4.14	>	Pollutant release to surface waters (Red List)	>	0	0	0	0	-
24	>	4.15	>	Pollutant release to public sewer	>	0	0	0	0	-
24	>	4.16	>	List 1 Dangerous Substances	>	0	0	0	0	-
24	>	4.17	>	List 2 Dangerous Substances	>	0	0	0	0	-
24	>	4.18	>	Pollution Incidents (EA/NRW)	>	0	0	0	0	-
25	>	4.19	>	Pollution inventory substances	>	0	0	0	0	-
25	>	4.20	>	Pollution inventory waste transfers	>	0	0	0	0	-
25	>	4.21	>	Pollution inventory radioactive waste	>	0	0	0	0	-
Page	Section	Hydrogeology				On site	0-50m	50-250m	250-500m	500-2000m
26	>	5.1	>	Superficial aquifer	>	Identified (within 500m)				
28	>	5.2	>	Bedrock aquifer	>	Identified (within 500m)				
29	>	5.3	>	Groundwater vulnerability	>	Identified (within 50m)				
31	>	5.4	>	Groundwater vulnerability- soluble rock risk	>	None (within 0m)				
31	>	5.5	>	Groundwater vulnerability- local information	>	None (within 0m)				
32	>	5.6	>	Groundwater abstractions	>	0	1	6	0	64
50	>	5.7	>	Surface water abstractions	>	0	0	0	0	3
51	>	5.8	>	Potable abstractions	>	0	0	0	0	10
54	>	5.9	>	Source Protection Zones	>	1	0	0	0	-
54	>	5.10	>	Source Protection Zones (confined aquifer)	>	0	0	0	0	-
Page	Section	Hydrology				On site	0-50m	50-250m	250-500m	500-2000m
55	>	6.1	>	Water Network (OS MasterMap)	>	6	2	7	-	-



57 >	6.2 >	Surface water features >	1	2	8	-	-
57 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
58 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
58 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
59 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
60 >	7.2 >	Historical Flood Events >	0	0	3	-	-
60 >	7.3 >	Flood Defences >	0	0	0	-	-
61 >	7.4 >	Areas Benefiting from Flood Defences >	2	1	0	-	-
61 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
62 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
63 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
64 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
66 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
67 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
68 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
68 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
68 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
68 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
69 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
69 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	1
69 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
70 >	10.9 >	Forest Parks >	0	0	0	0	0
70 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
70 >	10.11 >	Green Belt >	0	0	0	0	0
70 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



70 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
71 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
71 >	10.15 >	Nitrate Sensitive Areas >	1	0	0	0	0
71 >	10.16 >	Nitrate Vulnerable Zones >	2	0	2	0	0
73 >	10.17 >	SSSI Impact Risk Zones >	5	-	-	-	-
75 >	10.18 >	SSSI Units >	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
76 >	11.1 >	World Heritage Sites >	0	0	0	-	-
76 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
76 >	11.3 >	National Parks >	0	0	0	-	-
76 >	11.4 >	Listed Buildings >	0	0	0	-	-
77 >	11.5 >	Conservation Areas >	0	0	0	-	-
77 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
77 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	12.1 >	Agricultural Land Classification >	Grade 3 (within 250m)				
79 >	12.2 >	Open Access Land >	0	0	0	-	-
79 >	12.3 >	Tree Felling Licences >	0	0	0	-	-
79 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
80 >	12.5 >	Countryside Stewardship Schemes >	7	0	4	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
81 >	13.1 >	Priority Habitat Inventory >	4	0	13	-	-
82 >	13.2 >	Habitat Networks >	0	0	0	-	-
82 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
83 >	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
84 >	14.1 >	10k Availability >	Identified (within 500m)				
85 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
86 >	14.3 >	Superficial geology (10k) >	4	0	2	4	-

87 >	14.4 >	Landslip (10k) >	0	0	0	0	-
88 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
89 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
90 >	15.1 >	50k Availability >	Identified (within 500m)				
91 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
91 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
92 >	15.4 >	Superficial geology (50k) >	4	0	3	4	-
93 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
93 >	15.6 >	Landslip (50k) >	0	0	0	0	-
94 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
95 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
96 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
96 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	16.1 >	BGS Boreholes >	1	1	5	-	-
Page	Section	Natural ground subsidence >					
99 >	17.1 >	Shrink swell clays >	Low (within 50m)				
100 >	17.2 >	Running sands >	Low (within 50m)				
102 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
104 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
105 >	17.5 >	Landslides >	Very low (within 50m)				
106 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
108 >	18.1 >	Natural cavities >	0	0	0	0	-
109 >	18.2 >	BritPits >	0	0	0	0	-
109 >	18.3 >	Surface ground workings >	0	0	3	-	-
109 >	18.4 >	Underground workings >	0	0	0	0	0
109 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



110 >	18.6 >	Non-coal mining >	0	0	0	0	0
110 >	18.7 >	Mining cavities >	0	0	0	0	0
110 >	18.8 >	JPB mining areas >	None (within 0m)				
110 >	18.9 >	Coal mining >	None (within 0m)				
110 >	18.10 >	Brine areas >	None (within 0m)				
111 >	18.11 >	Gypsum areas >	None (within 0m)				
111 >	18.12 >	Tin mining >	None (within 0m)				
111 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	Radon >					
112 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
114 >	20.1 >	BGS Estimated Background Soil Chemistry >	18	4	-	-	-
115 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
115 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
116 >	21.1 >	Underground railways (London) >	0	0	0	-	-
116 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
116 >	21.3 >	Railway tunnels >	0	0	0	-	-
116 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
116 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
117 >	21.6 >	Historical railways >	0	0	0	-	-
117 >	21.7 >	Railways >	0	0	0	-	-
117 >	21.8 >	Crossrail 1 >	0	0	0	0	-
117 >	21.9 >	Crossrail 2 >	0	0	0	0	-
117 >	21.10 >	HS2 >	0	0	0	0	-



Recent aerial photograph



Capture Date: 24/06/2020

Site Area: 66.31ha



Recent site history - 2017 aerial photograph



Capture Date: 19/09/2017

Site Area: 66.31ha



Recent site history - 2007 aerial photograph



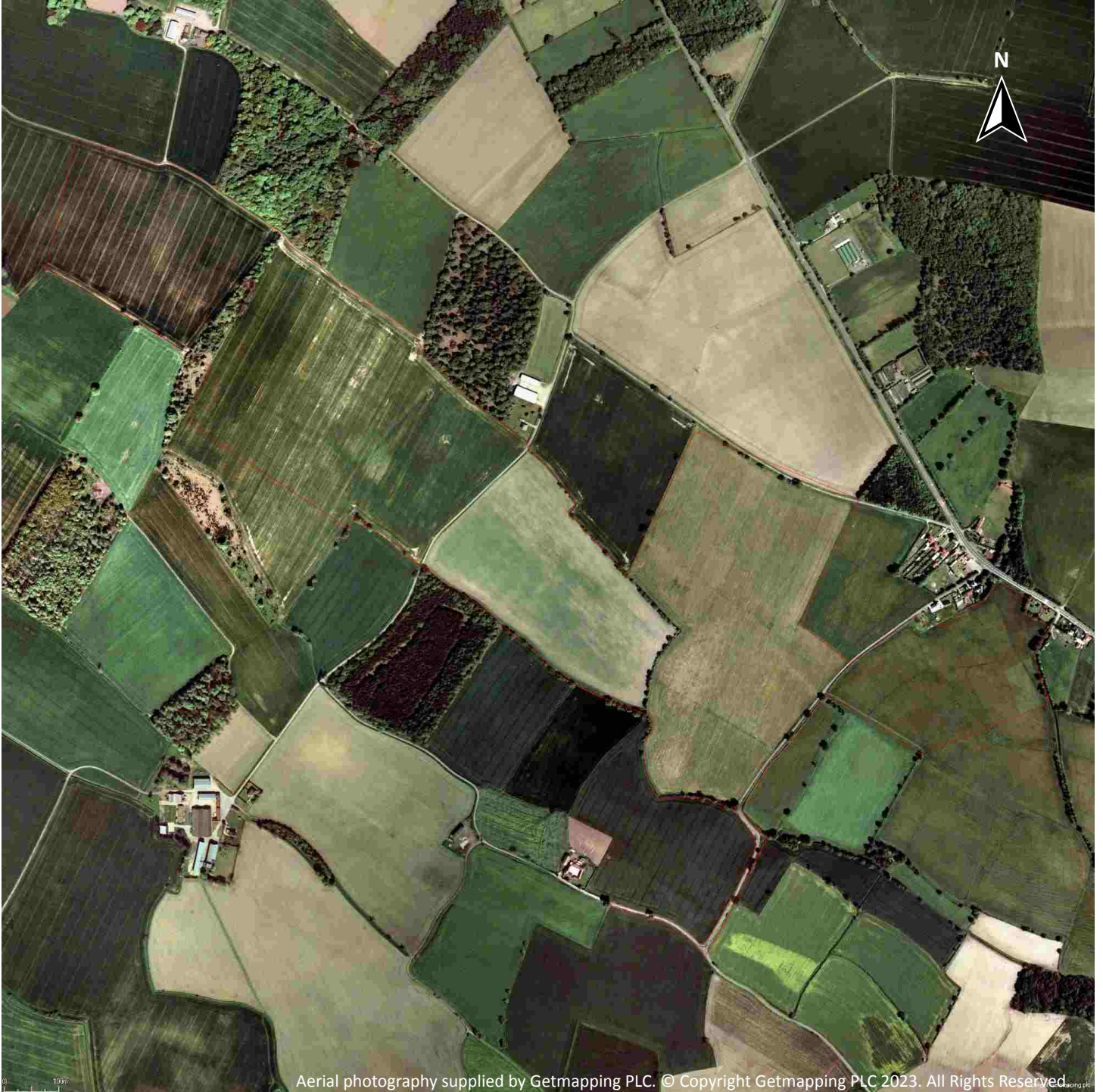
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 24/08/2007

Site Area: 66.31ha



Recent site history - 1999 aerial photograph



Capture Date: 18/05/1999

Site Area: 66.31ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical petrol stations

1.1 Historical industrial land uses

Records within 500m **0**

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

1

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

Features are displayed on the Past land use map on [page 12 >](#)

ID	Location	Land use	Dates present	Group ID
1	27m E	Filling Station	1970 - 1994	2596

This data is sourced from Ordnance Survey / Groundsure.



1.5 Historical garages

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

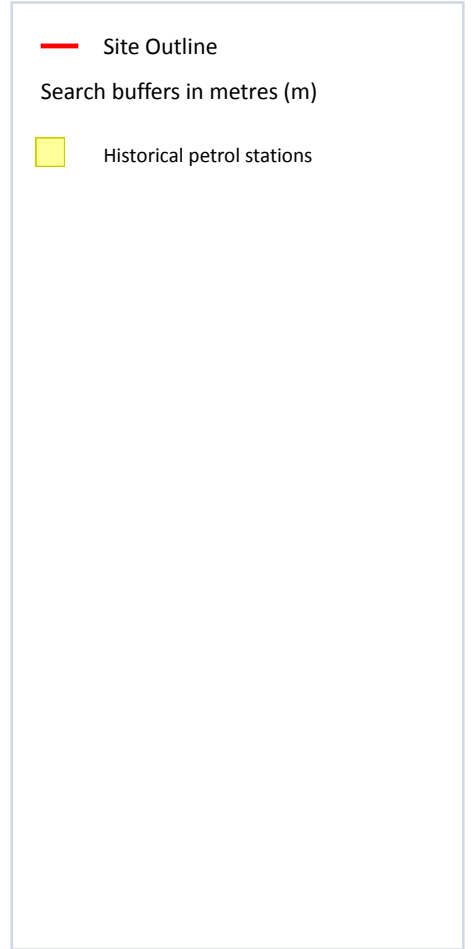
0

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



2.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

2

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'.

Features are displayed on the Past land use - un-grouped map on [page 15 >](#)

ID	Location	Land Use	Date	Group ID
A	27m E	Filling Station	1994	2596
A	28m E	Filling Station	1970	2596

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- 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

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

13

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 17 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of waste from dredging of inland waters
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultur al Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultur al Waste Only	Burning waste in the open
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultur al Waste Only	Storage of waste in secure containers
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultur al Waste Only	Storage of waste in a secure place
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultur al Waste Only	Crushing and emptying waste vehicle oil filters
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultur al Waste Only	Preparatory treatments (baling, sorting, shredding etc)
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultur al Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Use of waste in construction
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Spreading waste on agricultural land to confer benefit
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Use of mulch
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Spreading of plant matter to confer benefit
A	On site	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultur al Waste Only	Use of waste for a specified purpose

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
- Gas pipelines
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m

3

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 20](#) >

ID	Location	Company	Address	Activity	Category
1	37m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
2	82m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
4	194m NW	Shooting Box	North Yorkshire, YO8	Shooting Facilities	Sports Complex



This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

1

High pressure underground gas transmission pipelines.

Features are displayed on the Current industrial land use map on [page 20 >](#)

ID	Location	Pipe Name	Details	
3	102m S	ASSELBY TO PANNAL	Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid Maximum Operating Pressure (Bar): -	Pipeline Diameter (mm): 1200 Wall Thickness (mm): - Year of commission: Not specified Abandonment Status: Not abandoned

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

0

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

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

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

3

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 20 >](#)

ID	Location	Address	Details	
A	64m E	PROPOSED DETACHED BUNGALOW, CAMBLESFORTH, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C5137 Permit Version: 1 Receiving Water: LAND ADJACENT TO ROSE COTTAGE	Status: TRANSFERRED FROM COPA 1974 Issue date: 08/07/1988 Effective Date: 08/07/1988 Revocation Date: 25/07/2012
A	64m E	PROPOSED DETACHED BUNGALOW, CAMBLESFORTH, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C5137 Permit Version: 2 Receiving Water: LAND ADJACENT TO ROSE COTTAGE	Status: TRANSFERRED FROM COPA 1974 Issue date: 26/07/2012 Effective Date: 26/07/2012 Revocation Date: -
5	322m W	RHM FISH FARM, RHM RESEARCH LTD TO:, R.OUSE (T) VIA CEGB DRAX COOLING, WATER OUTLET K	Effluent Type: AGRICULTURE - FISH FARMING - NOT WATER COMPANY Permit Number: 3228 Permit Version: 1 Receiving Water: NO DETAILS	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: 08/01/1987

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

0

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

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



4.19 Pollution inventory substances

Records within 500m

0

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

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

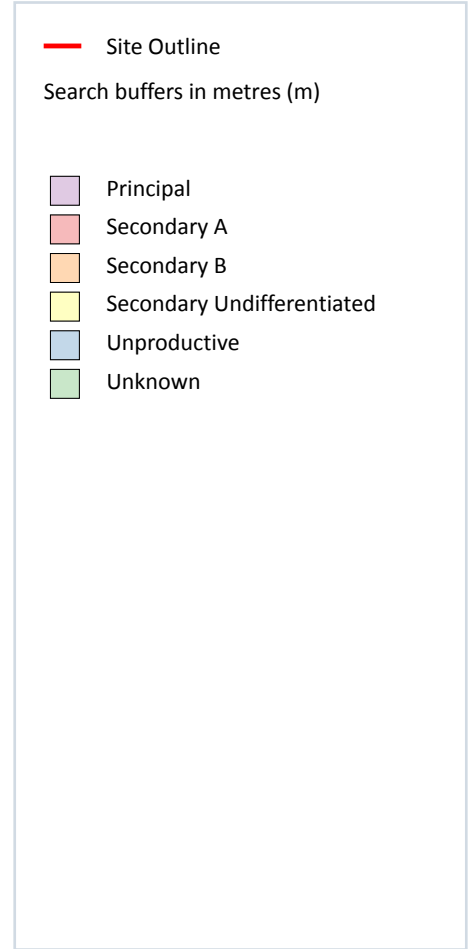
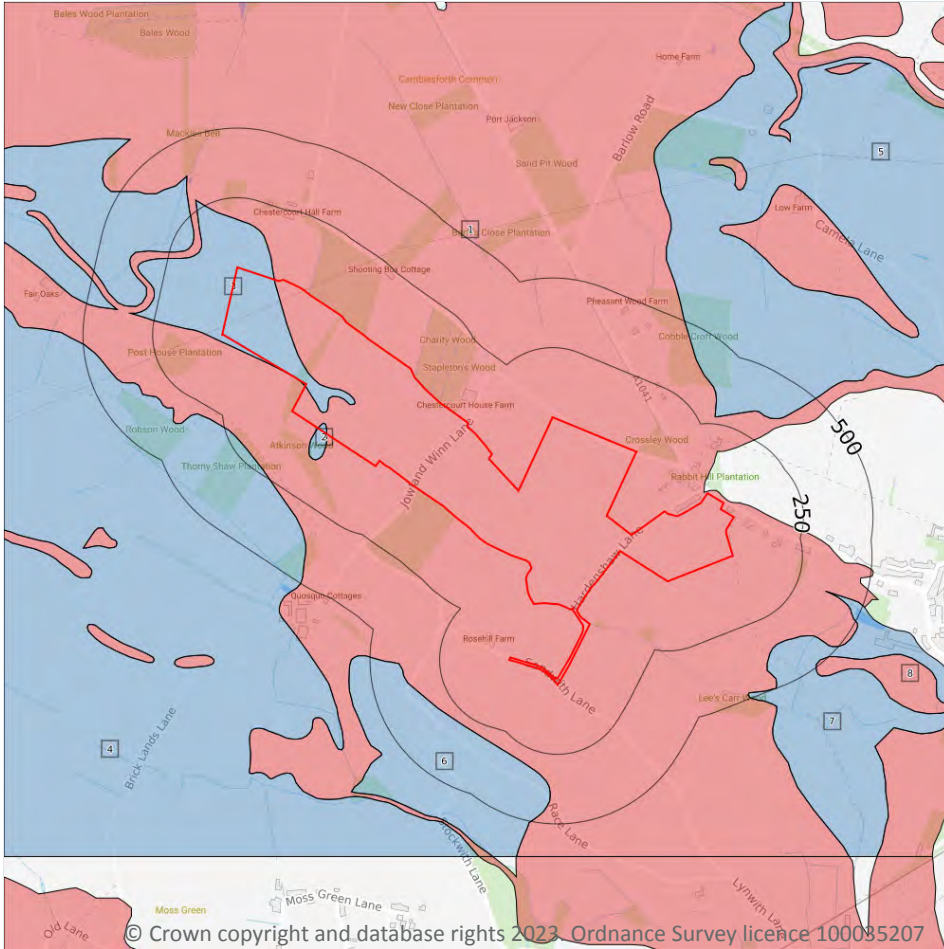
Records within 500m

0

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

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

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

8

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 26 >](#)

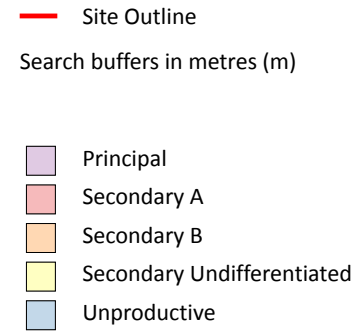
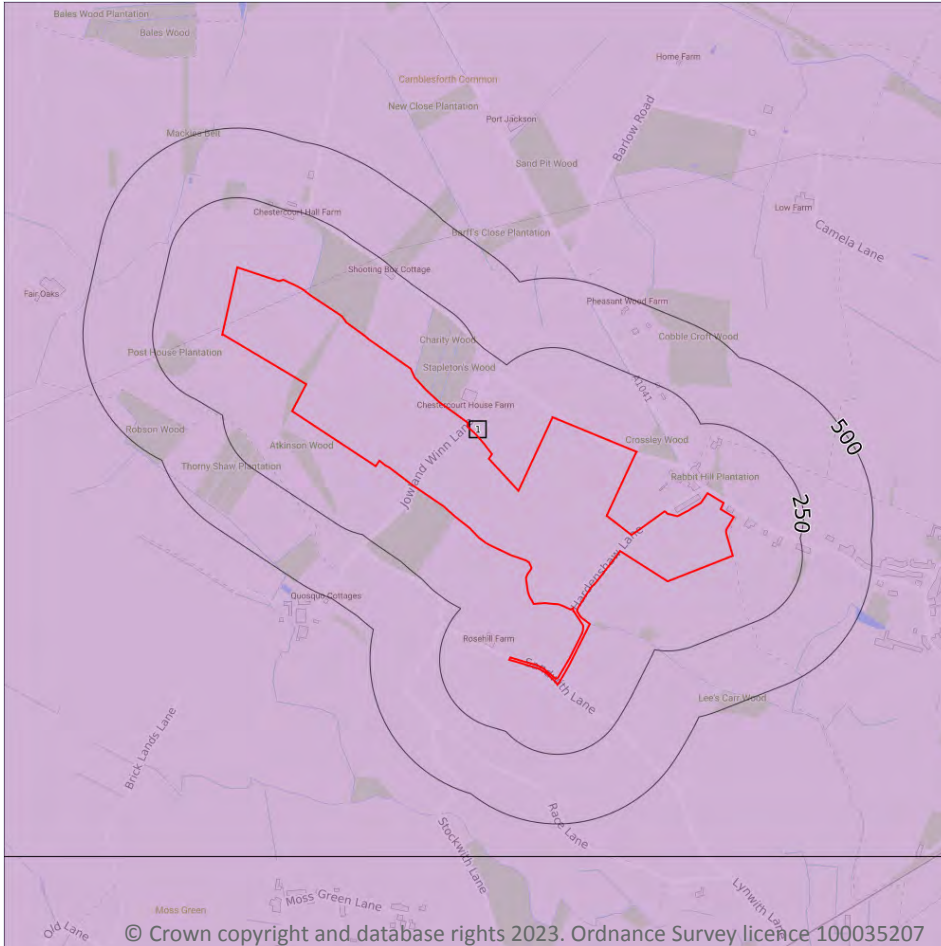
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Unproductive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

ID	Location	Designation	Description
3	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	181m NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	276m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	287m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	355m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
8	488m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

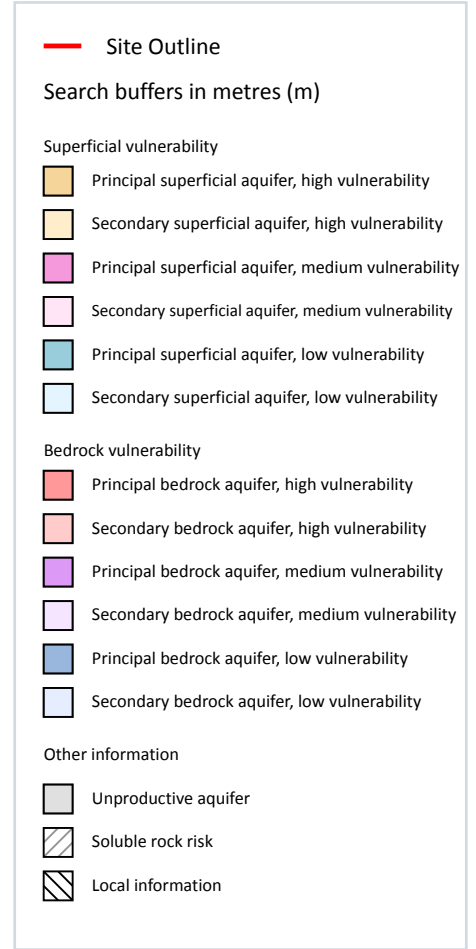
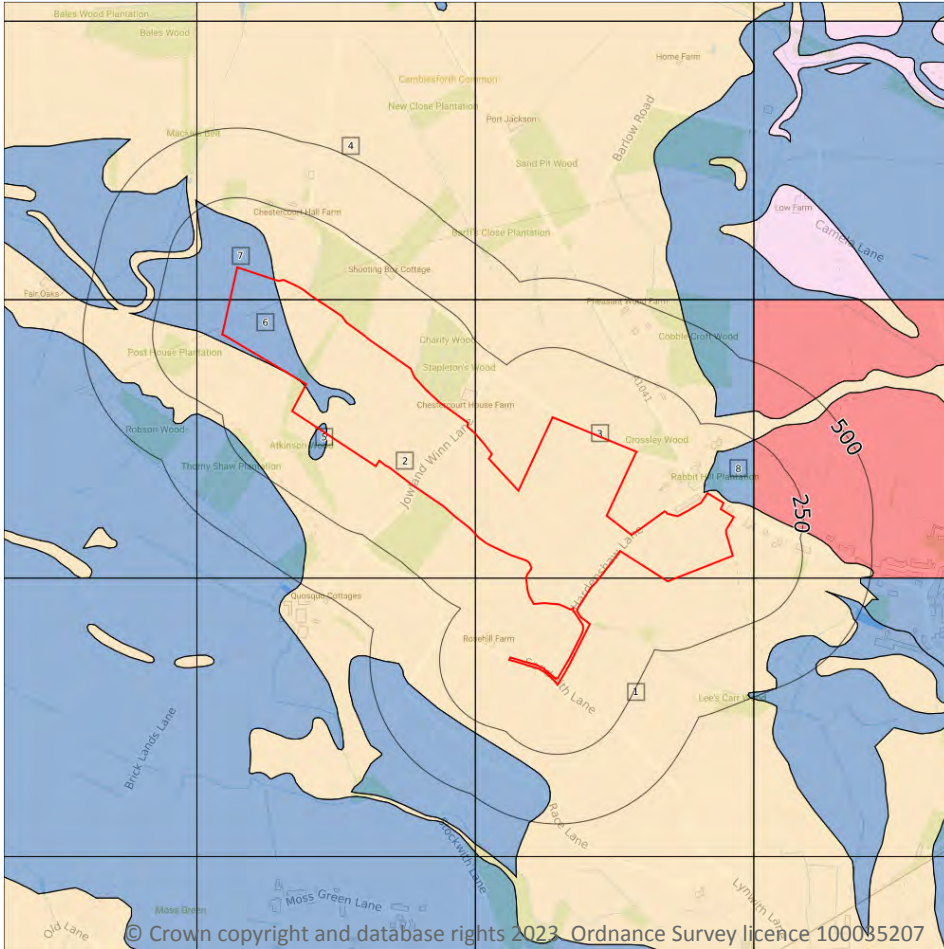
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 28](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

8

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 29](#) >

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
7	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	6m E	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

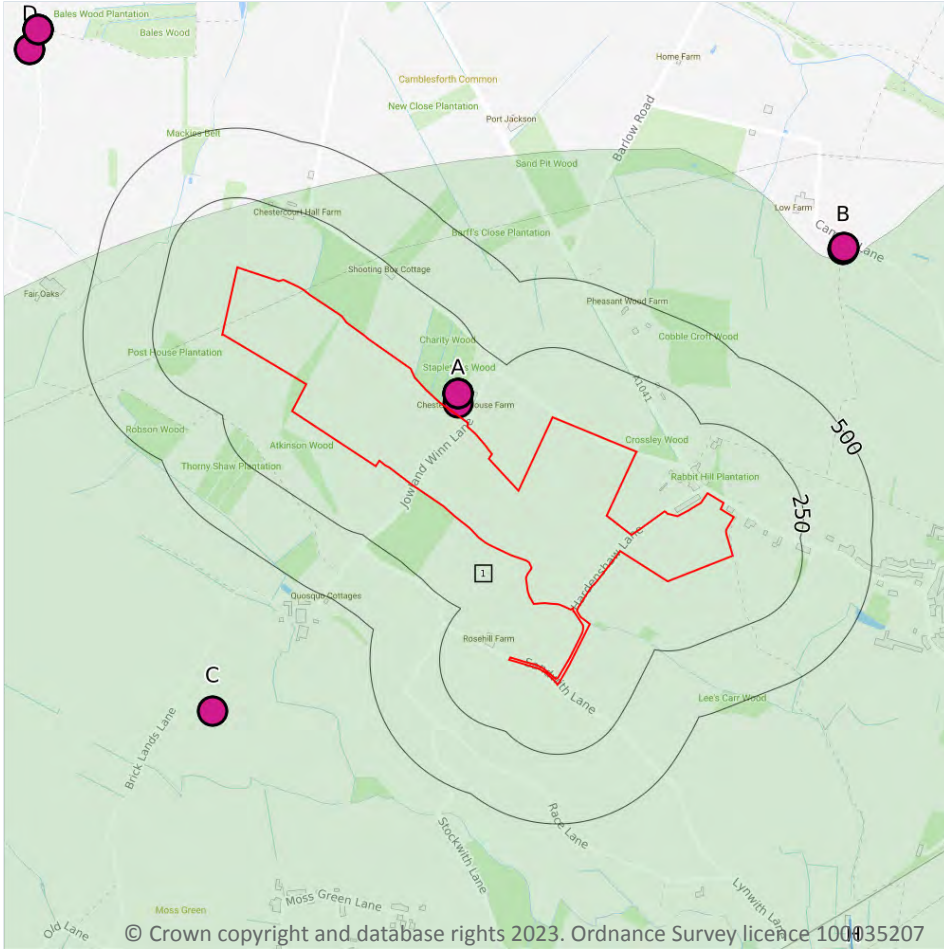
0

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



5.6 Groundwater abstractions

Records within 2000m

71

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 32 >](#)

ID	Location	Details	
A	37m N	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -
A	64m N	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
A	64m N	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
A	64m N	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
A	64m N	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	64m N	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	64m N	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
B	1001m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -



ID	Location	Details	
B	1001m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
B	1008m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
B	1008m NE	Status: Active Licence No: NE/027/0024/003/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -
B	1008m NE	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
C	1056m SW	Status: Active Licence No: NE/027/0018/033 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
C	1056m SW	Status: Active Licence No: NE/027/0018/033 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
D	1081m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
D	1081m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
D	1081m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -



ID	Location	Details	
D	1081m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
E	1113m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
E	1113m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
E	1113m NW	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -



ID	Location	Details	
E	1113m NW	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
E	1113m NW	Status: Active Licence No: 2/27/24/300/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
E	1113m NW	Status: Active Licence No: 2/27/24/300/R01 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1336m N	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -



ID	Location	Details	
-	1336m N	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1338m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(1)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
-	1338m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (1) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
-	1338m S	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -



ID	Location	Details	
-	1340m N	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	1340m N	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	1340m N	Status: Active Licence No: 2/27/24/477/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1340m N	Status: Active Licence No: 2/27/24/477/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -

ID	Location	Details	
-	1340m N	Status: Active Licence No: 2/27/24/477/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1419m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(2)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
-	1419m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (2) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
-	1419m S	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -



ID	Location	Details	
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -



ID	Location	Details	
-	1588m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 Data Type: Point Name: AES DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
-	1588m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -
-	1588m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1588m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -

ID	Location	Details	
-	1661m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1661m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1665m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 Data Type: Point Name: AES DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
-	1665m E	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -

ID	Location	Details	
-	1665m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1665m E	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m ³): - Max Daily Volume (m ³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1720m S	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-GREENACRES, HIRST RD, CARLTON Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
-	1720m S	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-GREENACRES-HIRST RD-CARLTON Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): 9605 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -



ID	Location	Details	
-	1720m S	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): 9605 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
-	1723m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1723m E	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m ³): 2300000 Max Daily Volume (m ³): 11300 Original Application No: NPS/WR/017382 Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1762m S	Status: Historical Licence No: 2/27/18/083 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LIMITED Easting: 462470 Northing: 424060	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1995 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 12/06/1995 Version End Date: -



ID	Location	Details	
-	1762m S	Status: Historical Licence No: 2/27/18/083 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1995 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 12/06/1995 Version End Date: -
-	1762m S	Status: Historical Licence No: 2/27/18/125 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: - Original Start Date: 01/01/2006 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/01/2006 Version End Date: -
-	1762m S	Status: Active Licence No: 2/27/18/125/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
-	1762m S	Status: Active Licence No: 2/27/18/125/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -

ID	Location	Details	
-	1762m S	Status: Active Licence No: 2/27/18/125/R01 Details: General Use Relating To Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
-	1766m S	Status: Active Licence No: NE/027/0018/006 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: N & G M HINSLEY & SONS Easting: 462719 Northing: 423947	Annual Volume (m ³): 11808 Max Daily Volume (m ³): 203 Original Application No: NPS/WR/004849 Original Start Date: 01/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2011 Version End Date: -
-	1772m E	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: ENGLISH VILLAGE SALADS LTD Easting: 465700 Northing: 426200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 02/06/1998 Version End Date: -
-	1817m S	Status: Historical Licence No: 2/27/18/112 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: HINSLEY Easting: 462700 Northing: 423900	Annual Volume (m ³): 11017 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -



ID	Location	Details	
-	1817m S	Status: Historical Licence No: 2/27/18/112 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-CARLTON-GOOLE Data Type: Point Name: HINSLEY Easting: 462700 Northing: 423900	Annual Volume (m ³): 11017 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
-	1842m E	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: SELBY SALADS LTD Easting: 465770 Northing: 426220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 101 Version Start Date: 01/11/2001 Version End Date: -
-	1842m E	Status: Active Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: APS Growers Ltd Easting: 465770 Northing: 426230	Annual Volume (m ³): 68190 Max Daily Volume (m ³): 303 Original Application No: NPS/WR/033671 Original Start Date: 12/11/1980 Expiry Date: - Issue No: 104 Version Start Date: 09/04/2020 Version End Date: -
-	1853m E	Status: Active Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: APS Growers Ltd Easting: 465750 Northing: 426560	Annual Volume (m ³): 68190 Max Daily Volume (m ³): 303 Original Application No: NPS/WR/033671 Original Start Date: 12/11/1980 Expiry Date: - Issue No: 104 Version Start Date: 09/04/2020 Version End Date: -



ID	Location	Details	
-	1859m S	Status: Active Licence No: NE/027/0018/005 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: N & G M HINSLEY & SONS Easting: 463364 Northing: 423759	Annual Volume (m ³): 8023 Max Daily Volume (m ³): 203 Original Application No: NPS/WR/004848 Original Start Date: 01/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2011 Version End Date: -
-	1893m E	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: ENGLISH VILLAGE SALADS LTD Easting: 465800 Northing: 426500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 02/06/1998 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

3

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 32 >](#)

ID	Location	Details	
H	1346m SE	Status: Historical Licence No: NE/027/0018/004 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: - Original Start Date: 26/07/2010 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 26/07/2010 Version End Date: -



ID	Location	Details	
H	1346m SE	Status: Active Licence No: NE/027/0018/004/R01 Details: Trickle Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: NPS/NA/001836 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
H	1346m SE	Status: Active Licence No: NE/027/0018/004/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: NPS/NA/001836 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	10
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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.

Features are displayed on the Abstractions and Source Protection Zones map on [page 32 >](#)

ID	Location	Details	
-	1338m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(1)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -

ID	Location	Details	
-	1338m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (1) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
-	1338m S	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -
-	1419m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(2)-SHERWOOD SANDSTONE- CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
-	1419m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (2) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -

ID	Location	Details	
-	1419m S	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -

ID	Location	Details	
-	1449m S	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	1
----------------------------	----------

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 32 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment

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

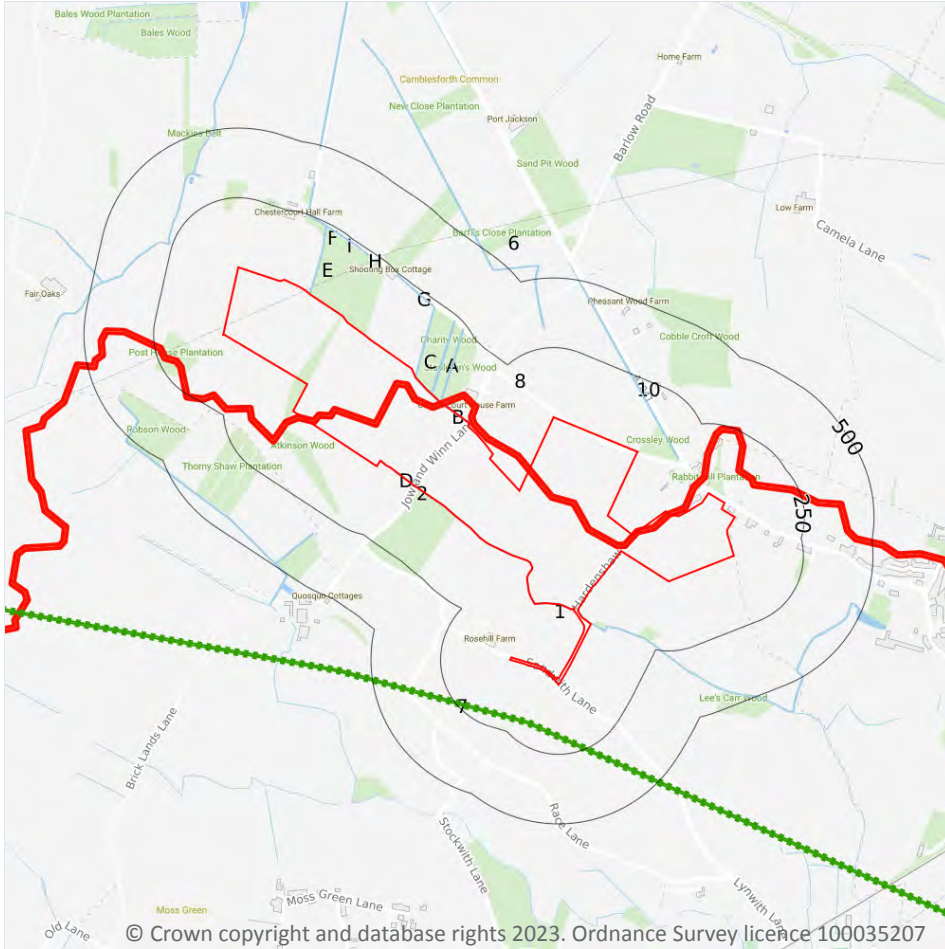
5.10 Source Protection Zones (confined aquifer)

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

15

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 55 >](#)

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.	Underground	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	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)	-
A	1m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	4m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	115m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	221m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	227m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	228m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	233m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	235m NW	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
F	238m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	11
----------------------------	-----------

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 55 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	2
------------------------	----------

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 55 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
6	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Ouse Lower Yorkshire	Wharfe and Ouse Lower
7	On site	River	Aire from River Calder to River Ouse	GB104027062760	Aire Lower	Aire and Calder

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 55 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1326m N	River	Ouse from R Wharfe to Upper Humber	GB104027064270 ↗	Moderate	Fail	Moderate	2019
-	2213m S	River	Aire from River Calder to River Ouse	GB104027062760 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1
------------------------	----------

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

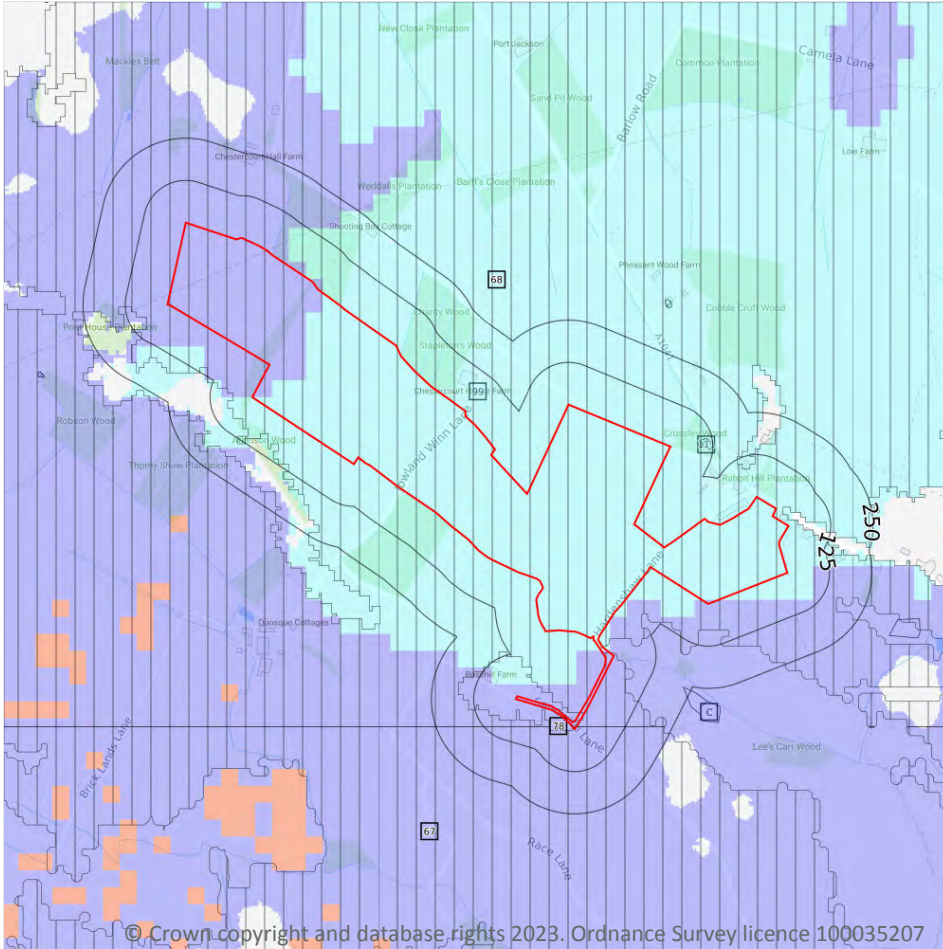
Features are displayed on the Hydrology map on [page 55 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
8	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding



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- 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

93

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 59](#) >

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

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

7.2 Historical Flood Events

Records within 250m	3
----------------------------	----------

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 59 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
99	60m N	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
111	92m E	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
C	226m SE	2020 February Flood Incident - Storm Dennis	2020-02-15 2020-03-19	Ordinary watercourse	Channel capacity exceeded (no raised defences)	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

3

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.

Features are displayed on the River and coastal flooding map on [page 59](#) >

ID	Location	
67	On site	Area benefiting from flood defences
68	On site	Area benefiting from flood defences
78	23m S	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m

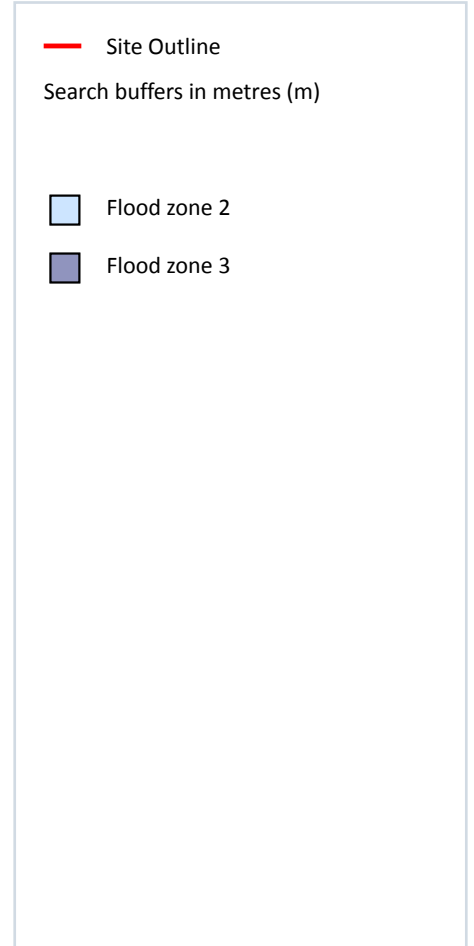
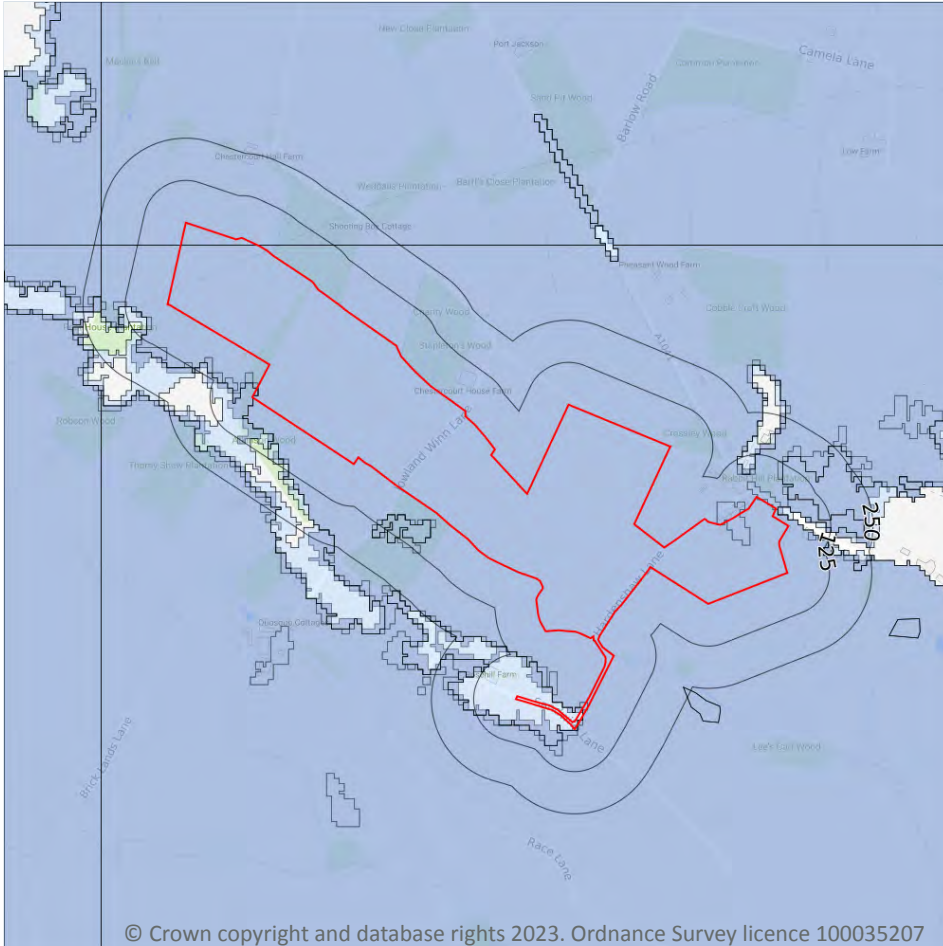
0

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



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 59](#) >

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

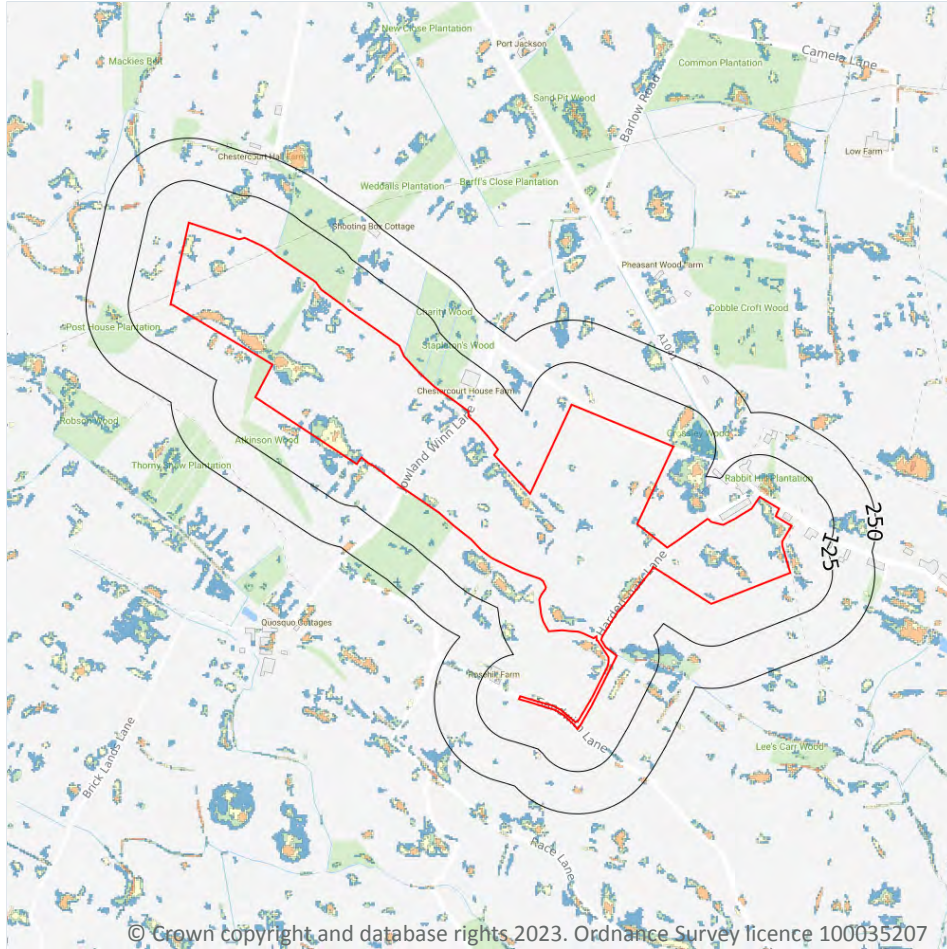
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 59 >](#)

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 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 64 >](#)

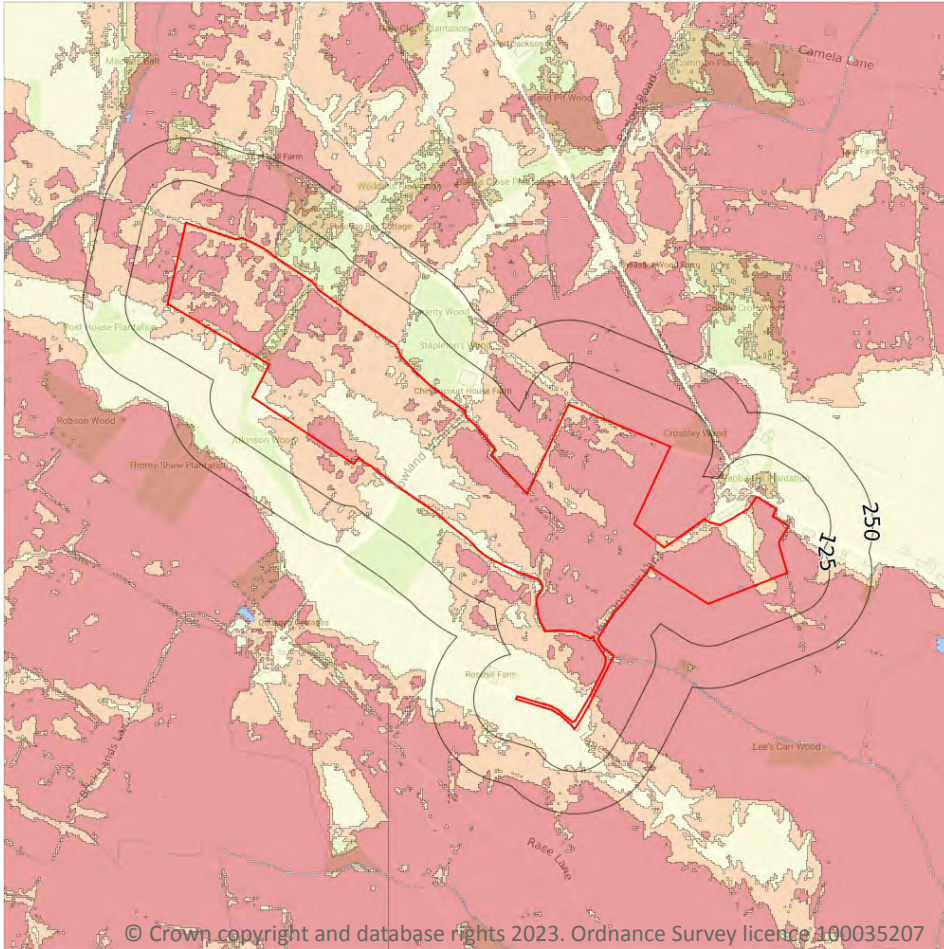
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

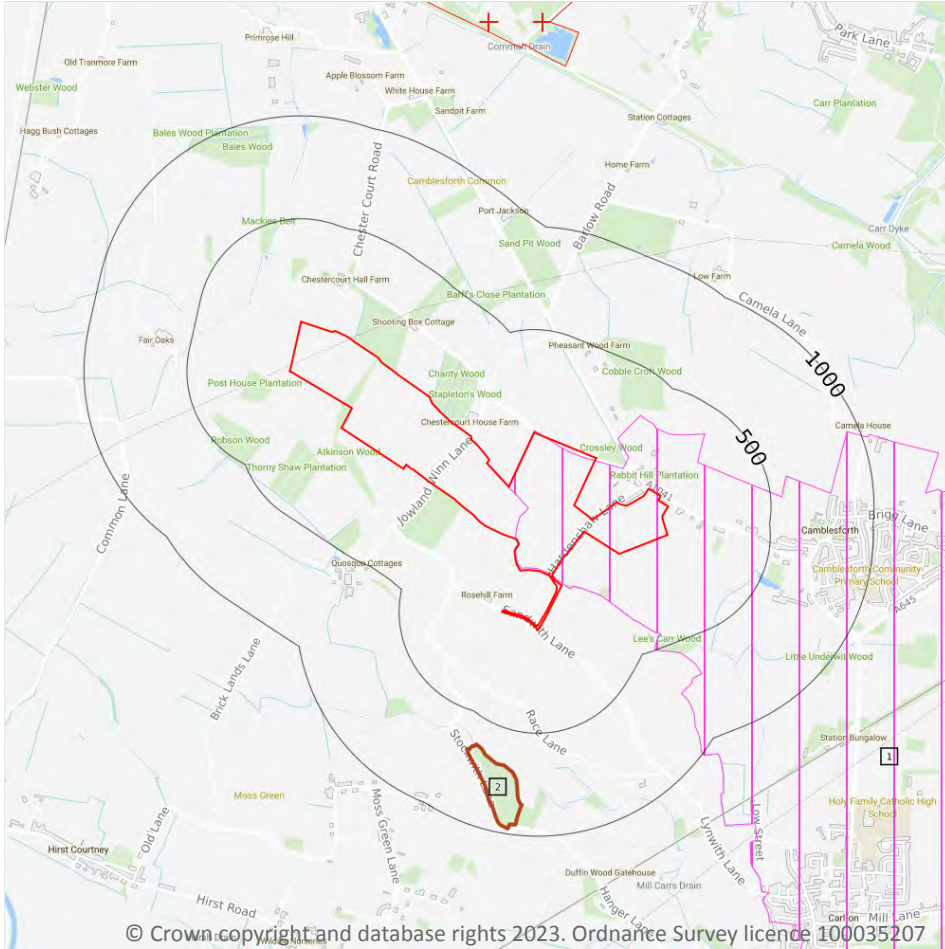
High

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

Features are displayed on the Groundwater flooding map on [page 66](#) >

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



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10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

1

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.

Features are displayed on the Environmental designations map on [page 67 >](#)

ID	Location	Name	Data source
3	1631m N	Barlow Common	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

1

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 67 >](#)

ID	Location	Name	Woodland Type
2	629m S	Kerrick Spring Wood	Ancient Replanted 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

1

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).

Features are displayed on the Environmental designations map on [page 67 >](#)

ID	Location	Name	Data source
1	On site	Carlton	Natural England

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

4

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.

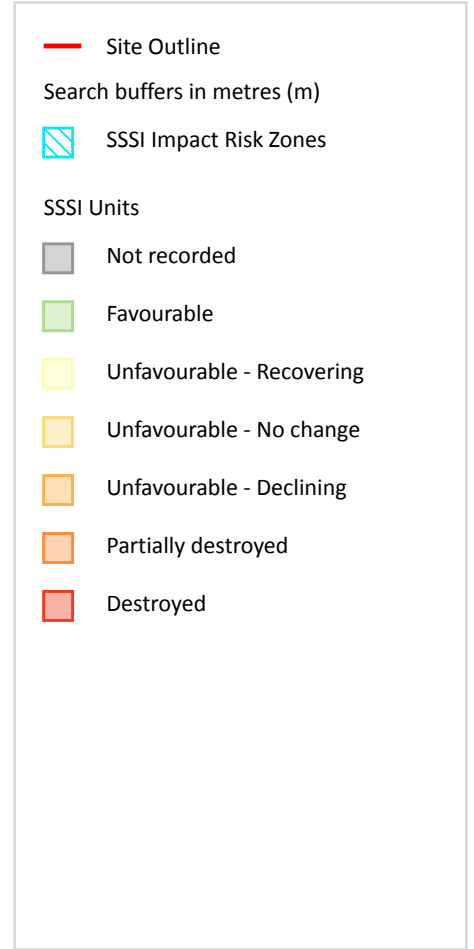
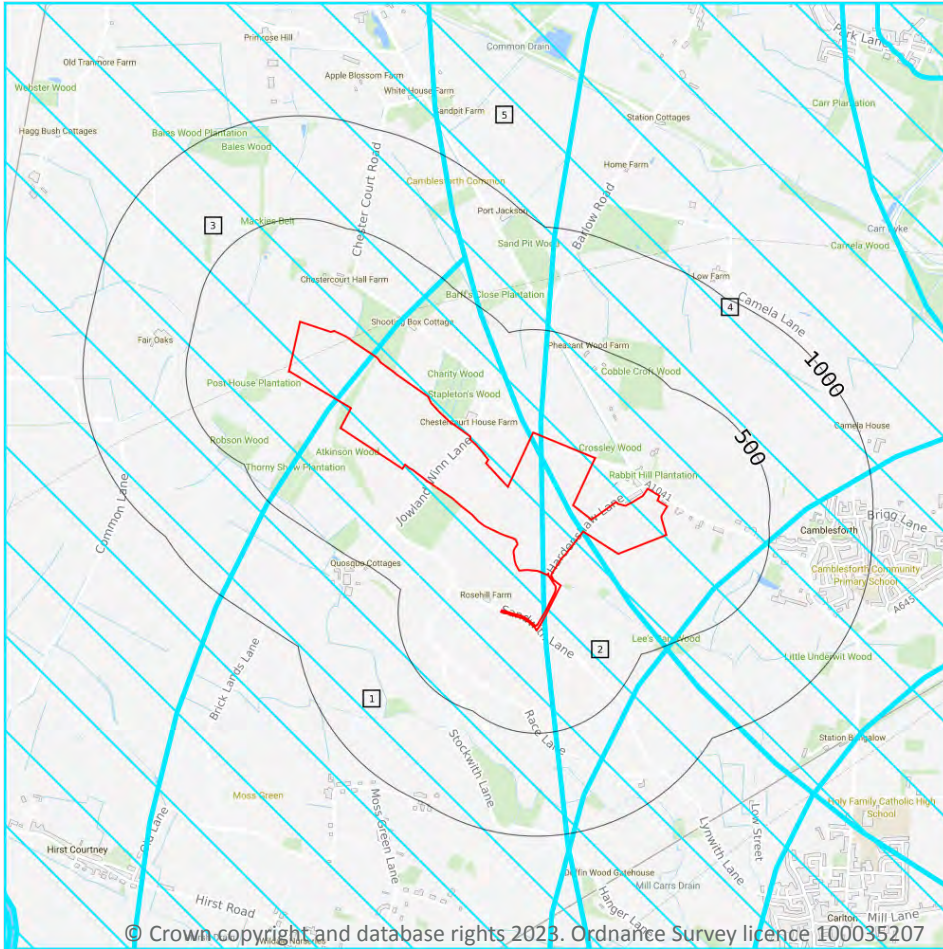
Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
164m E	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
194m SE	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing



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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

5

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 73](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>
2	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p>
3	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m².</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>
4	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>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).</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p>



ID	Location	Type of developments requiring consultation
5	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>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).</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
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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.

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

11 Visual and cultural designations

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

0

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



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

11.5 Conservation Areas

Records within 250m

0

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.

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

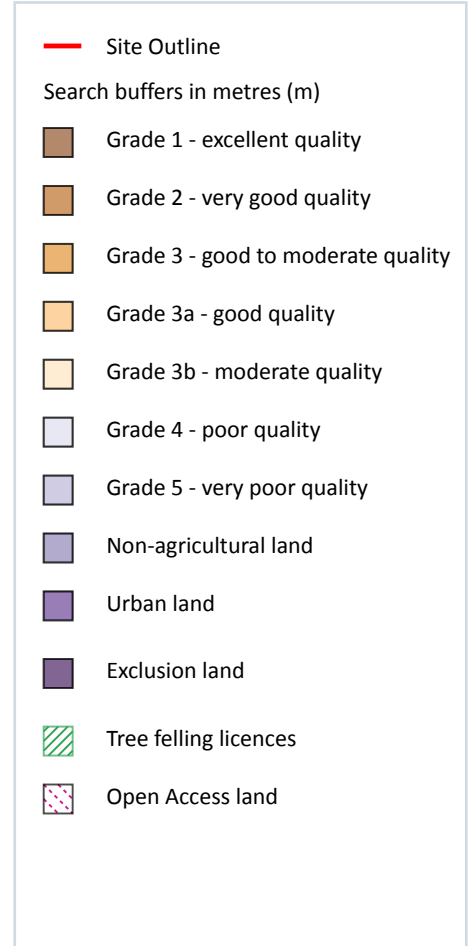
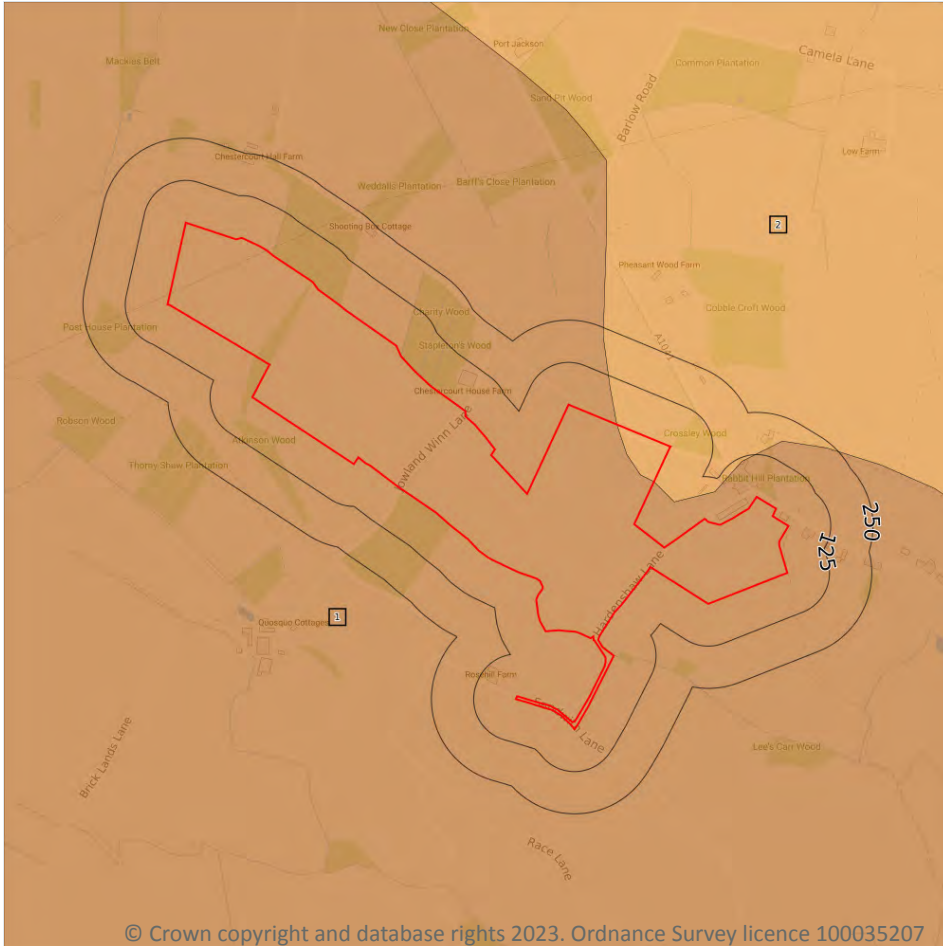
0

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



12.1 Agricultural Land Classification

Records within 250m

2

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 78](#) >

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

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

0

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.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

11

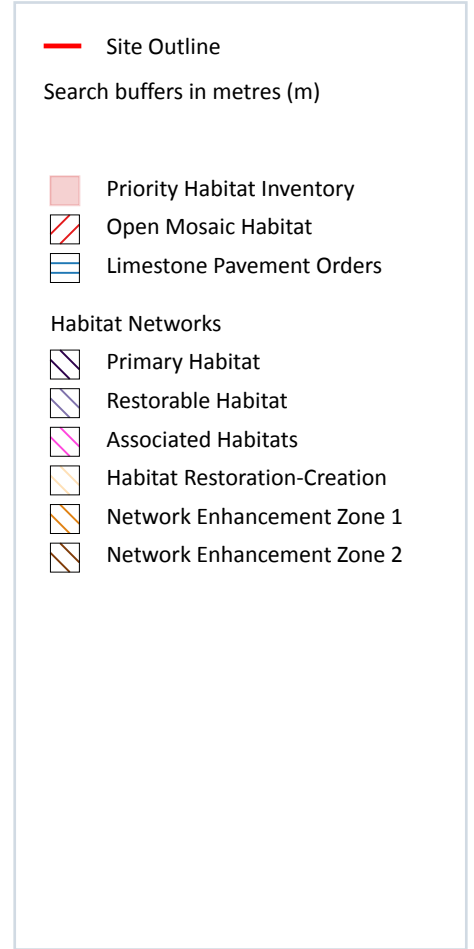
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	1029953	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
On site	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
On site	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
56m N	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
188m SE	1004455	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
197m W	828005	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
204m W	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

17

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 81](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (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	67m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	125m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	140m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	185m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	187m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	188m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	208m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	220m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	227m E	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
14	227m E	Traditional orchard	Main habitat: TORCH (INV > 50%)
15	244m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	246m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	249m NW	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

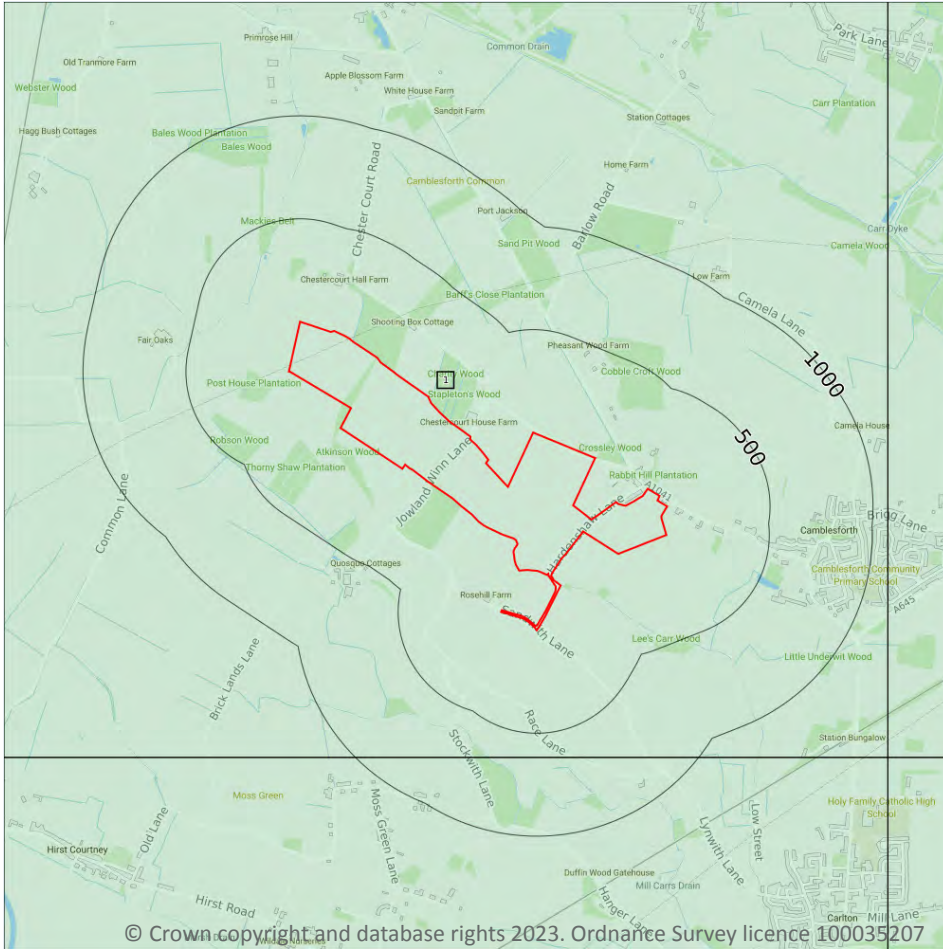
0

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

1

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 84](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NW

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

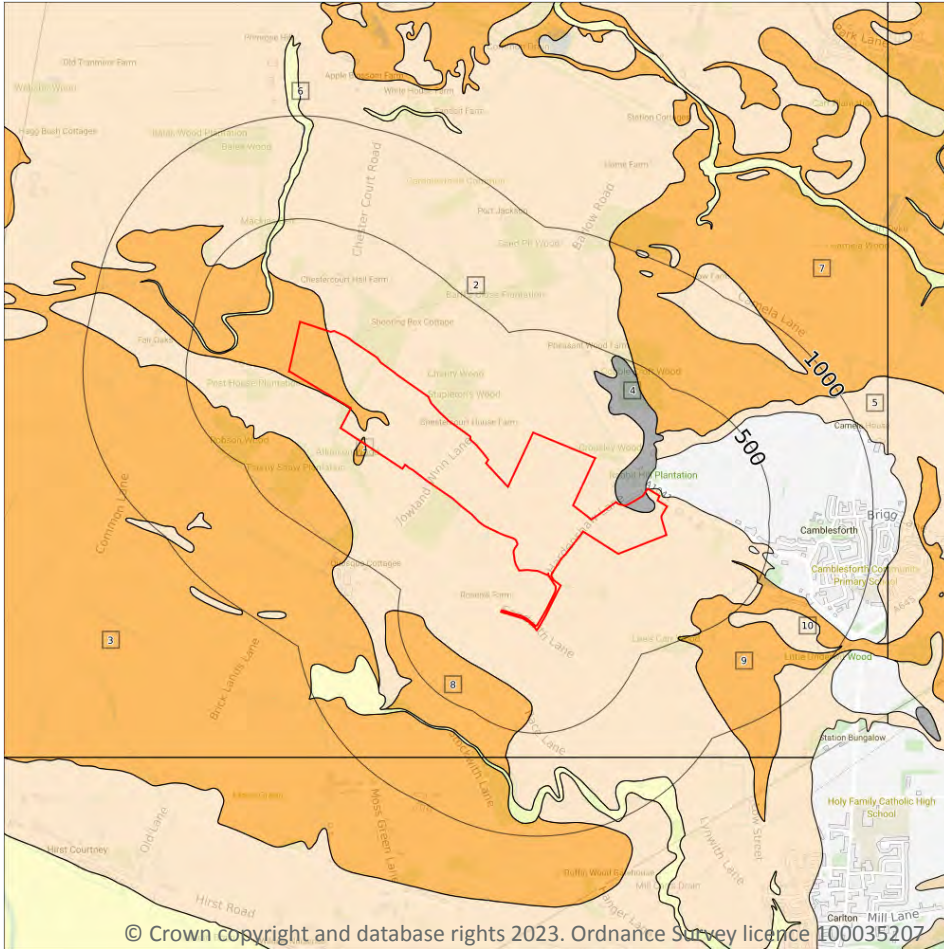
0


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

10

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 86 >](#)

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
2	On site	BREI-S	Brighton Sand Formation - Sand	Sand
3	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
4	On site	BSA1-S	Blown Sand, 1 - Sand	Sand



ID	Location	LEX Code	Description	Rock description
5	148m E	BREI-S	Breighton Sand Formation - Sand	Sand
6	154m NW	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
7	269m E	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
8	289m S	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
9	343m E	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
10	495m SE	BREI-S	Breighton Sand Formation - Sand	Sand

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

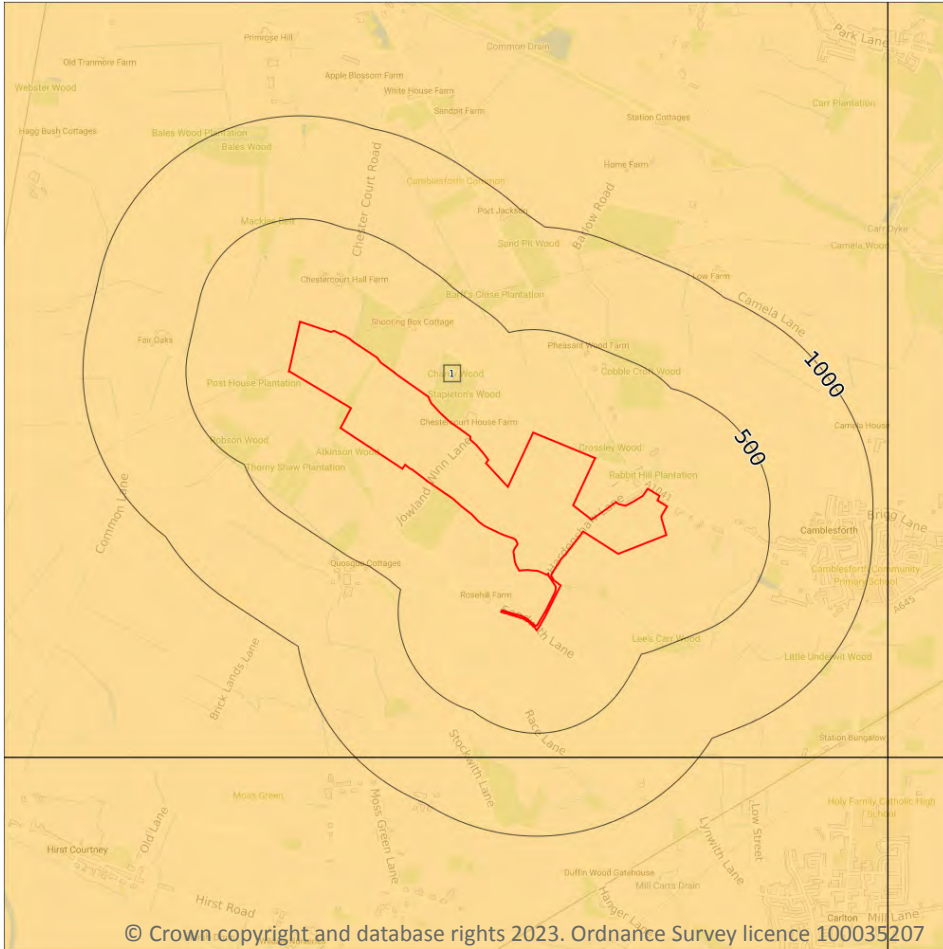
0

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

1

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 88](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

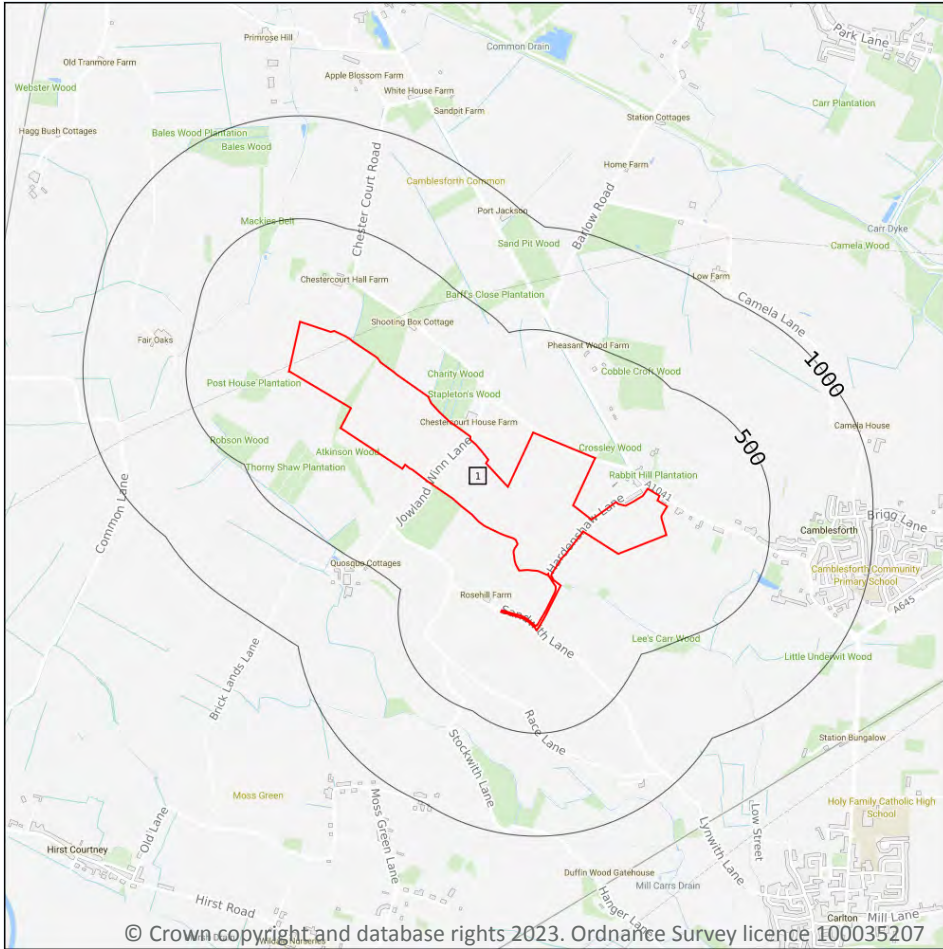
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— 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 90](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_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

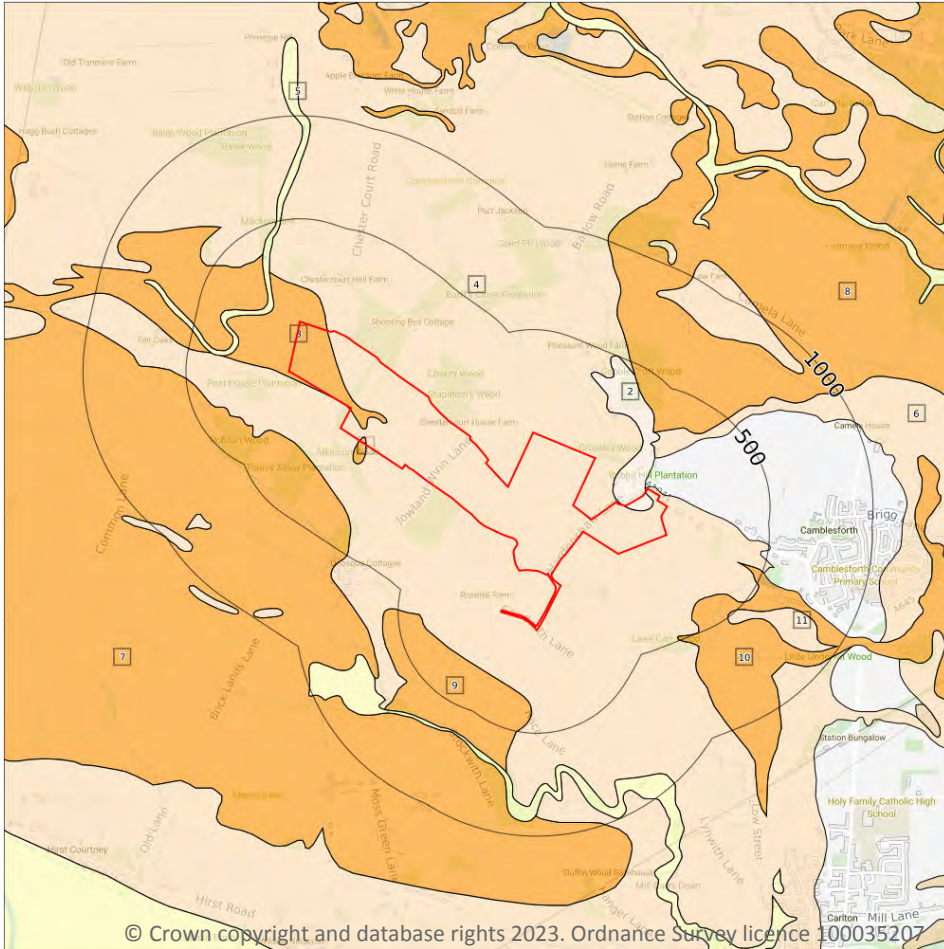
0


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

11

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 92](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
2	On site	SUTN-S	SUTTON SAND FORMATION	SAND
3	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
4	On site	BREI-S	BREIGHTON SAND FORMATION	SAND



ID	Location	LEX Code	Description	Rock description
5	147m NW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	154m E	BREI-S	BREIGHTON SAND FORMATION	SAND
7	181m NW	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
8	276m E	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
9	287m S	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
10	355m SE	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
11	488m SE	BREI-S	BREIGHTON SAND FORMATION	SAND

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	High
On site	Intergranular	High	High
On site	Mixed	Low	Very Low
On site	Mixed	Low	Very Low

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

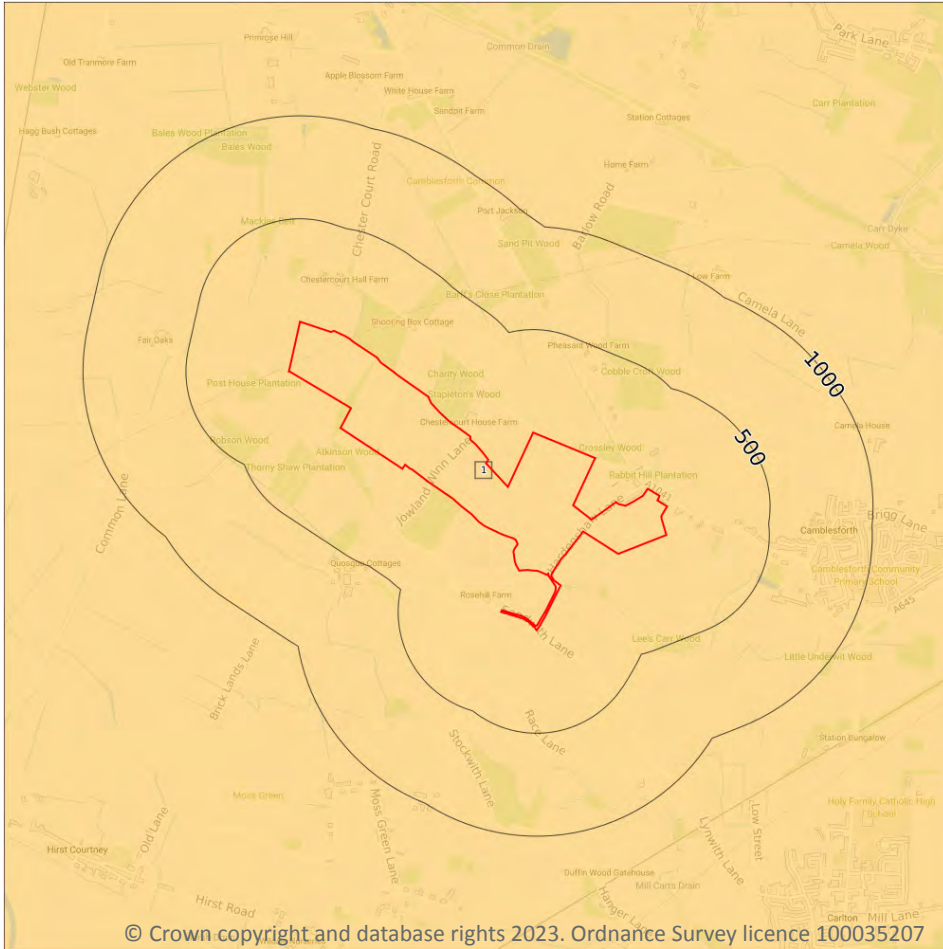
0

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

1

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 95](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	1
---------------------------	----------

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	High	High

This data is sourced from the British Geological Survey.

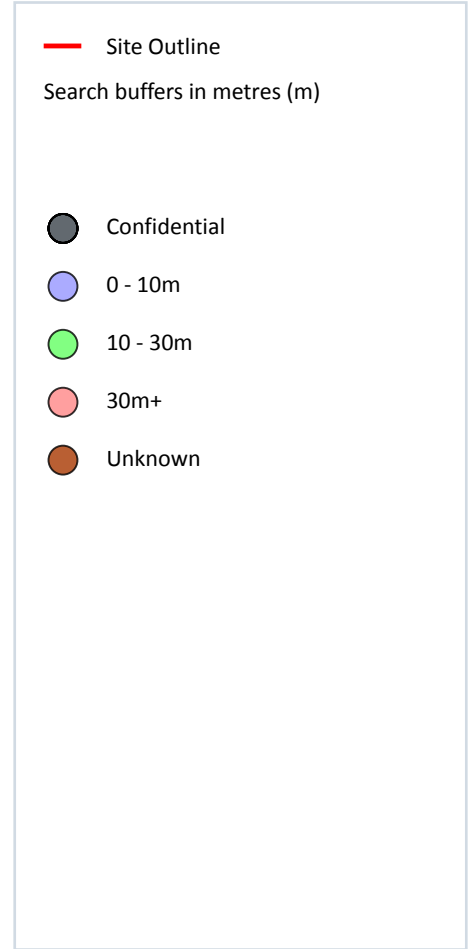
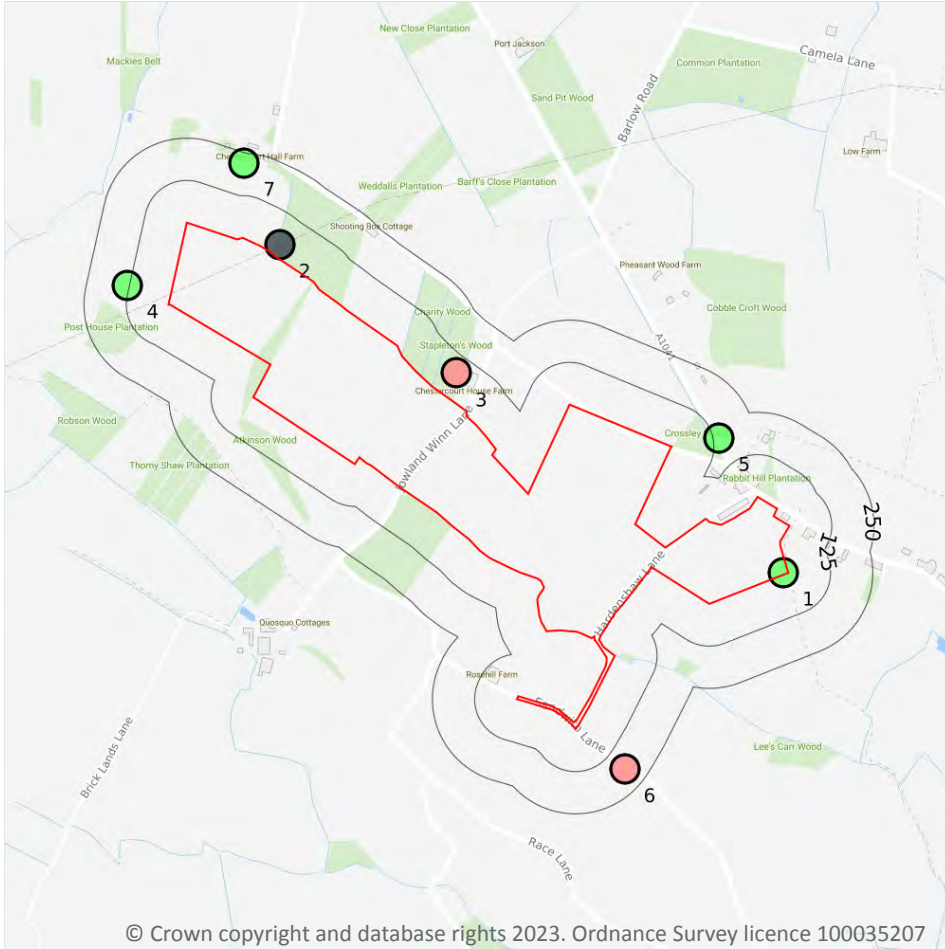
15.10 Bedrock faults and other linear features (50k)

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

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

This data is sourced from the British Geological Survey.

16 Boreholes



16.1 BGS Boreholes

Records within 250m

7

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 97](#) >

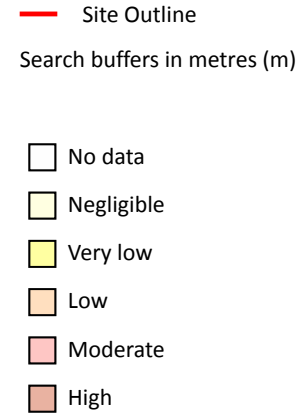
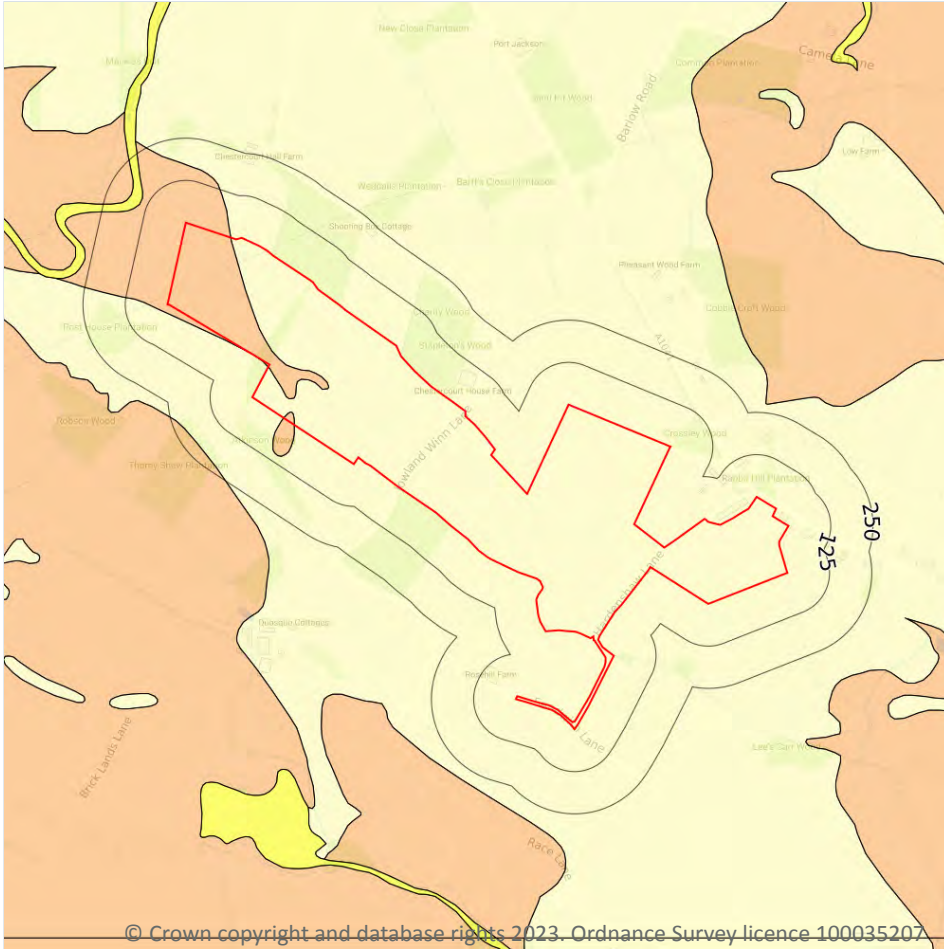
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	463910 426080	GOOLE 260	12.19	N	121545 ↗
2	35m NW	462420 427050	CEGB 15	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
3	74m N	462942 426671	CHESTERFIELD HOUSE FARM BH	78.5	N	20781248 ↗
4	130m NW	461970 426930	LANCASHIRE - YORKSHIRE MOTORWAY M62 BL714	10.46	N	16096237 ↗
5	143m E	463720 426480	GOOLE 259	12.19	N	121544 ↗
6	187m SE	463440 425500	SANDWITH HOUSE	120.0	N	606238 ↗
7	221m NW	462315 427292	CHESTER COURTS HALL FARM, CAMBLESFORTH	25.91	N	121486 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

2

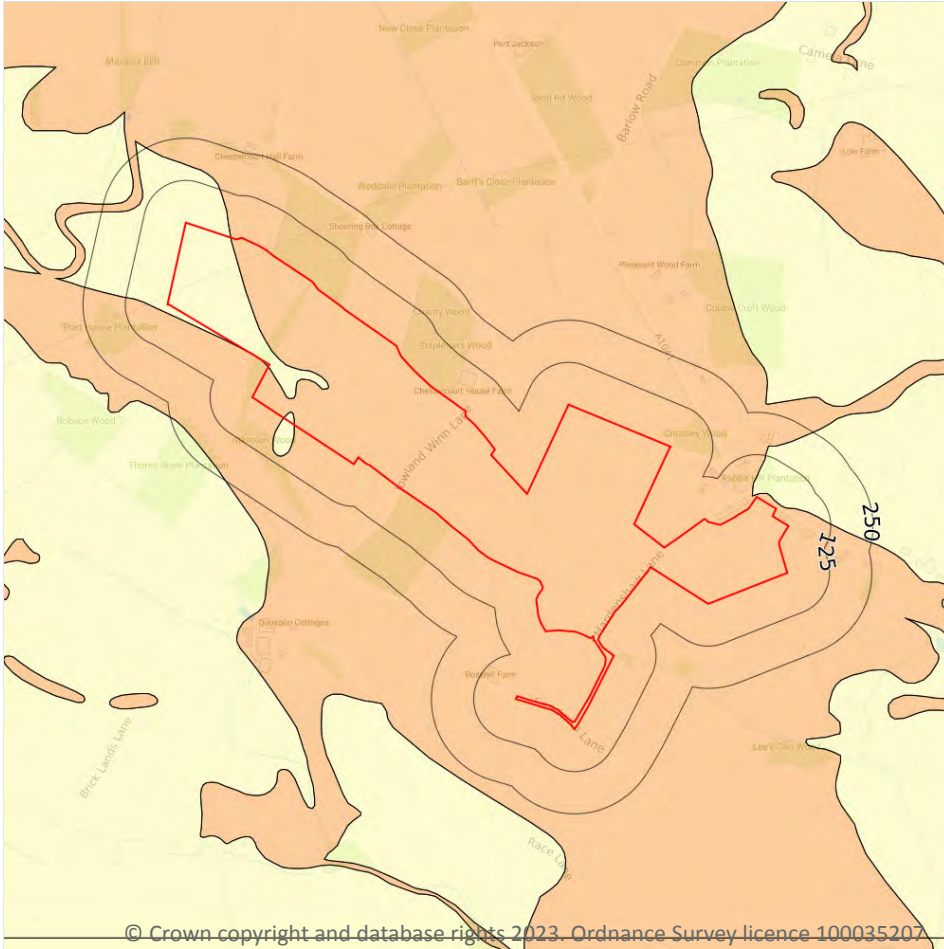
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 99 >](#)

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Running sands map on [page 100](#) >

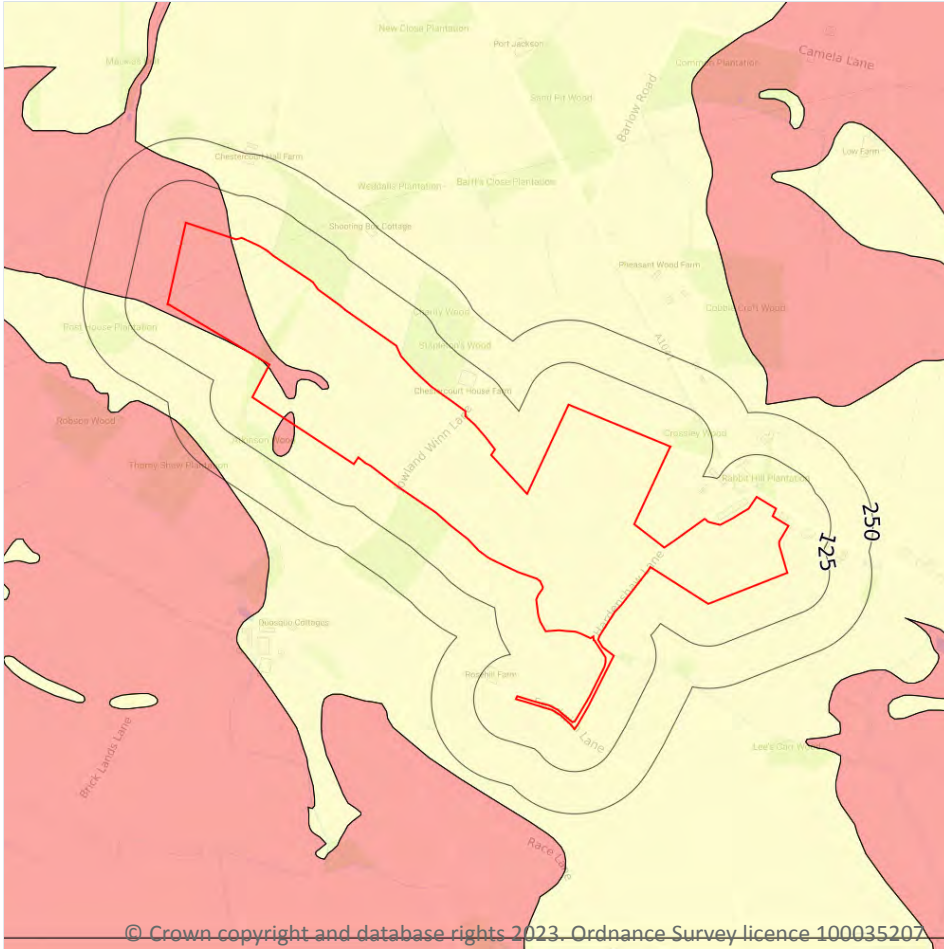
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
7m E	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



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m

2

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.

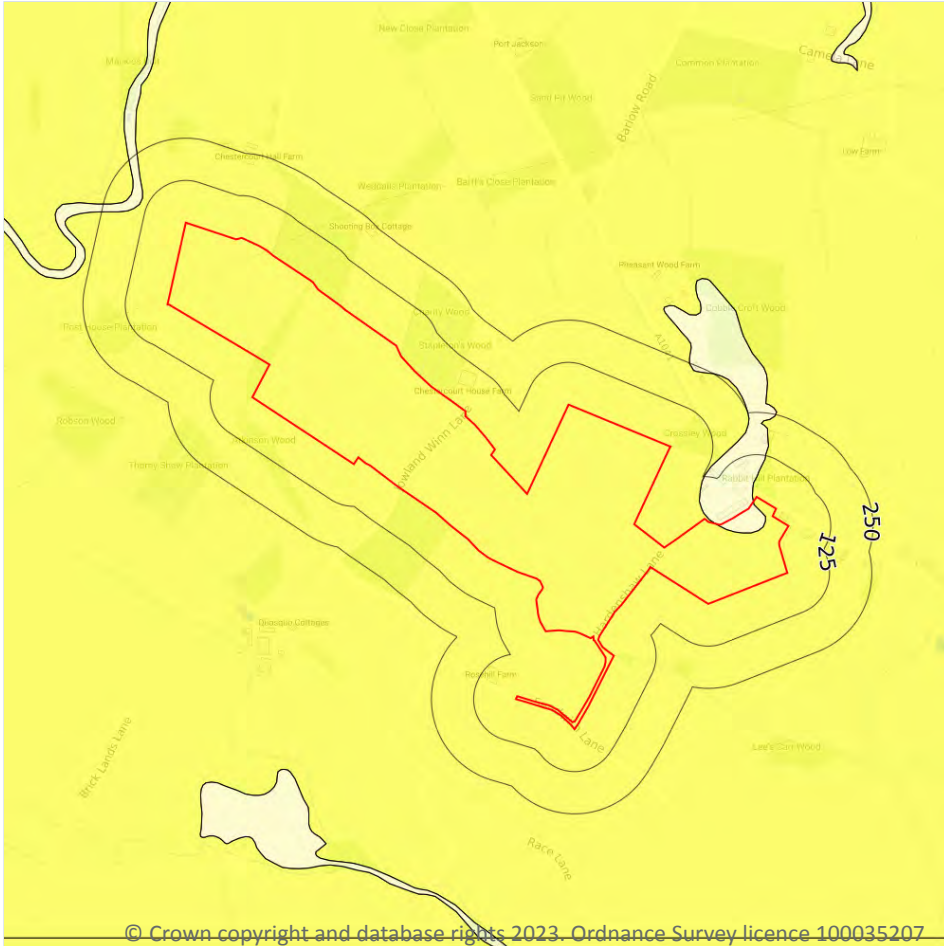
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 102 >](#)

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.

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

2

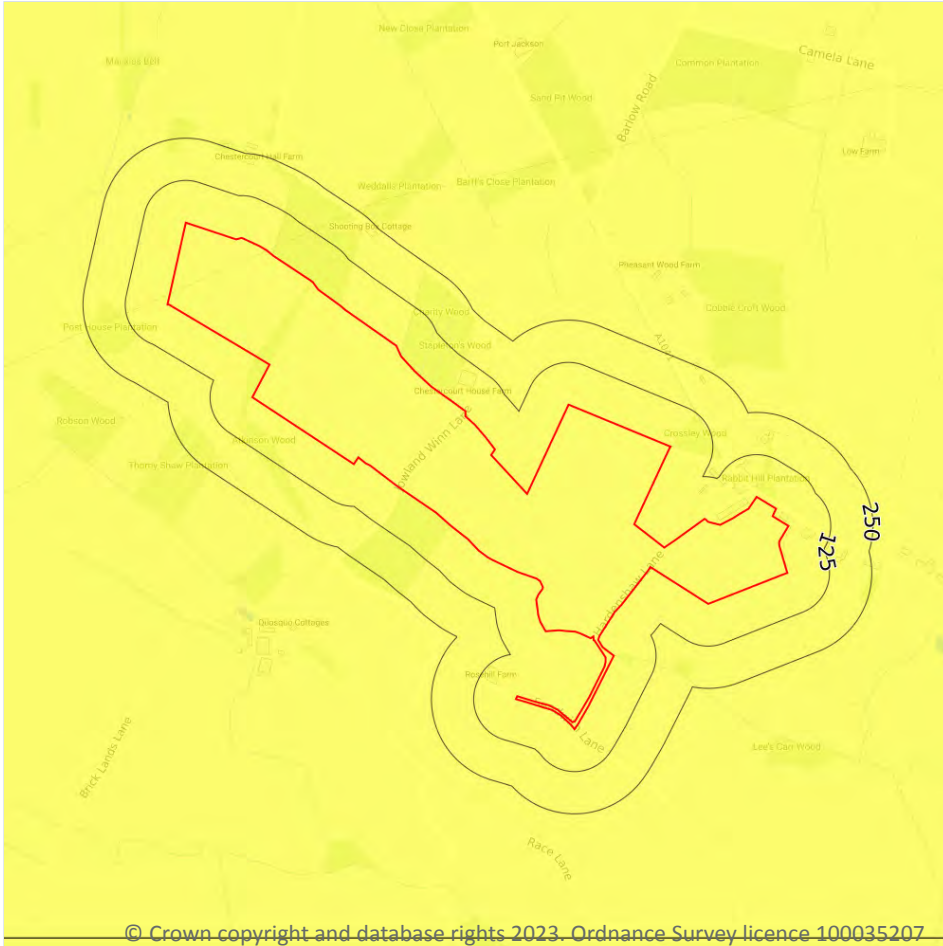
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 104 >](#)

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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17.5 Landslides

Records within 50m

1

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 105 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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.

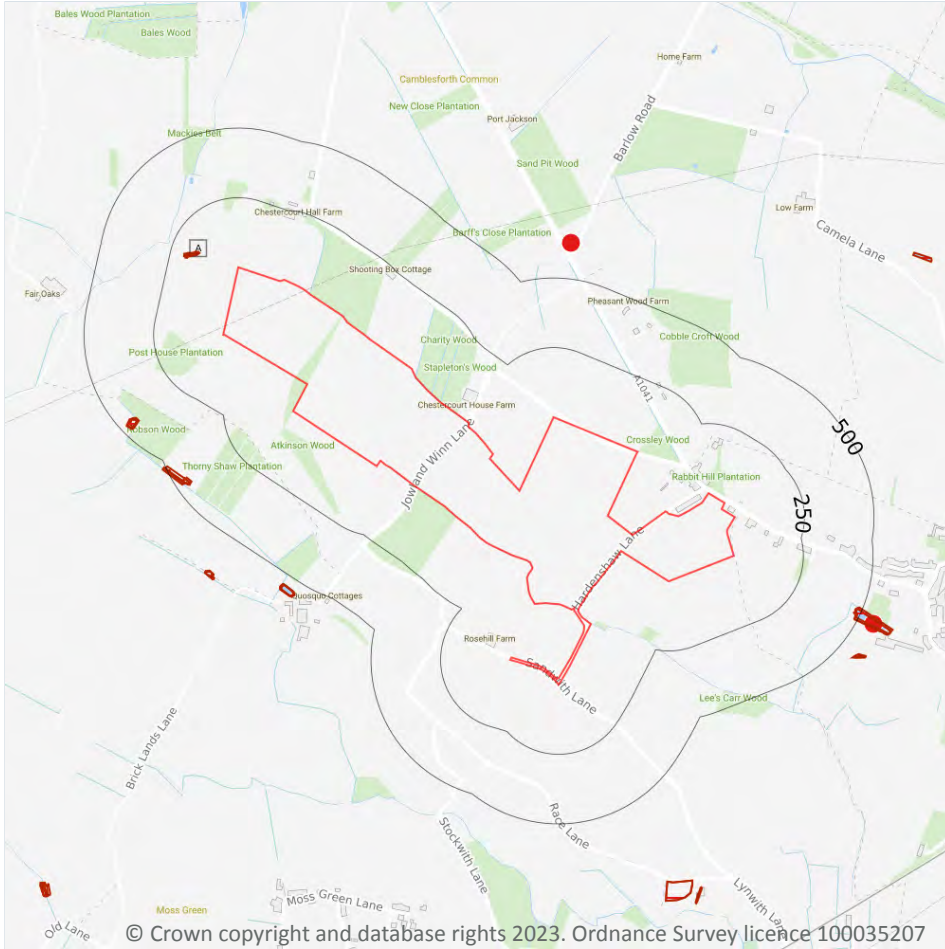
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 106](#) >

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, ground workings and natural cavities



18.1 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.

18.2 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.

18.3 Surface ground workings

Records within 250m

3

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 108 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	148m NW	Pond	1973	1:10000
A	153m NW	Pond	1950	1:10560
A	154m NW	Pond	1908	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 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.

18.5 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

0

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).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous 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.

18.8 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.

18.9 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.

18.10 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.



18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.13 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).

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



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
7m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
13m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
15m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
38m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.

20.3 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.



21 Railway infrastructure and projects

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

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.

21.5 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.

21.6 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.

21.7 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.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

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.

21.10 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

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

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SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_F

Site Details

Location: 461925 425368
Area: 101.52 ha
Authority: [The North Yorkshire Council](#) ↗



Summary of findings

[p. 2 >](#)

Aerial image

[p. 8 >](#)

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
13 >	1.1 >	Historical industrial land uses >	0	0	0	0	-
13 >	1.2 >	Historical tanks >	0	0	0	0	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
14 >	1.4 >	Historical petrol stations >	0	0	0	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	0	0	-
15 >	2.2 >	Historical tanks >	0	0	0	0	-
15 >	2.3 >	Historical energy features >	0	0	0	0	-
15 >	2.4 >	Historical petrol stations >	0	0	0	0	-
16 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
17 >	3.1 >	Active or recent landfill >	0	0	0	0	-
17 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
18 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
18 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
18 >	3.5 >	Historical waste sites >	0	0	0	0	-
18 >	3.6 >	Licensed waste sites >	0	0	0	0	-
18 >	3.7 >	Waste exemptions >	0	0	52	59	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
28 >	4.1 >	Recent industrial land uses >	0	0	1	-	-
29 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
29 >	4.3 >	Electricity cables >	0	0	0	0	-
29 >	4.4 >	Gas pipelines >	1	0	0	0	-
29 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



30	>	4.6	>	Control of Major Accident Hazards (COMAH)	>	0	0	0	0	-
30	>	4.7	>	Regulated explosive sites	>	0	0	0	0	-
30	>	4.8	>	Hazardous substance storage/usage	>	0	0	0	0	-
30	>	4.9	>	Historical licensed industrial activities (IPC)	>	0	0	0	0	-
30	>	4.10	>	Licensed industrial activities (Part A(1))	>	0	0	0	0	-
31	>	4.11	>	Licensed pollutant release (Part A(2)/B)	>	0	0	0	0	-
31	>	4.12	>	Radioactive Substance Authorisations	>	0	0	0	0	-
31	>	4.13	>	Licensed Discharges to controlled waters	>	1	0	0	0	-
31	>	4.14	>	Pollutant release to surface waters (Red List)	>	0	0	0	0	-
32	>	4.15	>	Pollutant release to public sewer	>	0	0	0	0	-
32	>	4.16	>	List 1 Dangerous Substances	>	0	0	0	0	-
32	>	4.17	>	List 2 Dangerous Substances	>	0	0	0	0	-
32	>	4.18	>	Pollution Incidents (EA/NRW)	>	0	0	0	0	-
32	>	4.19	>	Pollution inventory substances	>	0	0	0	0	-
33	>	4.20	>	Pollution inventory waste transfers	>	0	0	0	0	-
33	>	4.21	>	Pollution inventory radioactive waste	>	0	0	0	0	-
Page	Section	Hydrogeology			On site	0-50m	50-250m	250-500m	500-2000m	
34	>	5.1	>	Superficial aquifer	Identified (within 500m)					
36	>	5.2	>	Bedrock aquifer	Identified (within 500m)					
38	>	5.3	>	Groundwater vulnerability	Identified (within 50m)					
41	>	5.4	>	Groundwater vulnerability- soluble rock risk	None (within 0m)					
41	>	5.5	>	Groundwater vulnerability- local information	None (within 0m)					
42	>	5.6	>	Groundwater abstractions	0	2	0	7	45	
56	>	5.7	>	Surface water abstractions	0	0	0	0	8	
58	>	5.8	>	Potable abstractions	0	0	0	0	10	
61	>	5.9	>	Source Protection Zones	1	0	0	0	-	
61	>	5.10	>	Source Protection Zones (confined aquifer)	0	0	0	0	-	
Page	Section	Hydrology			On site	0-50m	50-250m	250-500m	500-2000m	
62	>	6.1	>	Water Network (OS MasterMap)	11	9	17	-	-	



65 >	6.2 >	Surface water features >	1	13	15	-	-
66 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
66 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
67 >	6.5 >	WFD Groundwater bodies >	2	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
68 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
69 >	7.2 >	Historical Flood Events >	0	1	1	-	-
69 >	7.3 >	Flood Defences >	0	0	0	-	-
69 >	7.4 >	Areas Benefiting from Flood Defences >	3	2	2	-	-
70 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
71 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
72 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
73 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
75 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
76 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
77 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
77 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
77 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
77 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
78 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	0
78 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	1
78 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
78 >	10.9 >	Forest Parks >	0	0	0	0	0
79 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
79 >	10.11 >	Green Belt >	0	0	0	0	0
79 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



79 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
79 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
80 >	10.15 >	Nitrate Sensitive Areas >	0	0	0	0	4
80 >	10.16 >	Nitrate Vulnerable Zones >	2	0	0	0	3
81 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
82 >	10.18 >	SSSI Units >	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
83 >	11.1 >	World Heritage Sites >	0	0	0	-	-
83 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
83 >	11.3 >	National Parks >	0	0	0	-	-
83 >	11.4 >	Listed Buildings >	0	0	0	-	-
84 >	11.5 >	Conservation Areas >	0	0	0	-	-
84 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
84 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	12.1 >	Agricultural Land Classification >	Grade 2 (within 250m)				
86 >	12.2 >	Open Access Land >	0	0	0	-	-
86 >	12.3 >	Tree Felling Licences >	0	0	0	-	-
86 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
87 >	12.5 >	Countryside Stewardship Schemes >	5	1	2	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
88 >	13.1 >	Priority Habitat Inventory >	3	1	3	-	-
89 >	13.2 >	Habitat Networks >	0	0	0	-	-
89 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
89 >	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
90 >	14.1 >	10k Availability >	Identified (within 500m)				
91 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
92 >	14.3 >	Superficial geology (10k) >	8	0	2	2	-

93 >	14.4 >	Landslip (10k) >	0	0	0	0	-
94 >	14.5 >	Bedrock geology (10k) >	2	0	0	0	-
95 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
96 >	15.1 >	50k Availability >	Identified (within 500m)				
97 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
97 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
98 >	15.4 >	Superficial geology (50k) >	7	0	3	1	-
99 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
99 >	15.6 >	Landslip (50k) >	0	0	0	0	-
100 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
101 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
102 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
102 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
103 >	16.1 >	BGS Boreholes >	0	2	1	-	-
Page	Section	Natural ground subsidence >					
105 >	17.1 >	Shrink swell clays >	Low (within 50m)				
107 >	17.2 >	Running sands >	Low (within 50m)				
109 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
111 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
112 >	17.5 >	Landslides >	Very low (within 50m)				
113 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
115 >	18.1 >	Natural cavities >	0	0	0	0	-
116 >	18.2 >	BritPits >	0	0	0	0	-
116 >	18.3 >	Surface ground workings >	6	5	3	-	-
117 >	18.4 >	Underground workings >	0	0	0	0	0
117 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



117 >	18.6 >	Non-coal mining >	0	0	0	0	0
117 >	18.7 >	Mining cavities >	0	0	0	0	0
117 >	18.8 >	JPB mining areas >	None (within 0m)				
118 >	18.9 >	Coal mining >	None (within 0m)				
118 >	18.10 >	Brine areas >	None (within 0m)				
118 >	18.11 >	Gypsum areas >	None (within 0m)				
118 >	18.12 >	Tin mining >	None (within 0m)				
118 >	18.13 >	Clay mining >	None (within 0m)				

Page	Section	Radon >					
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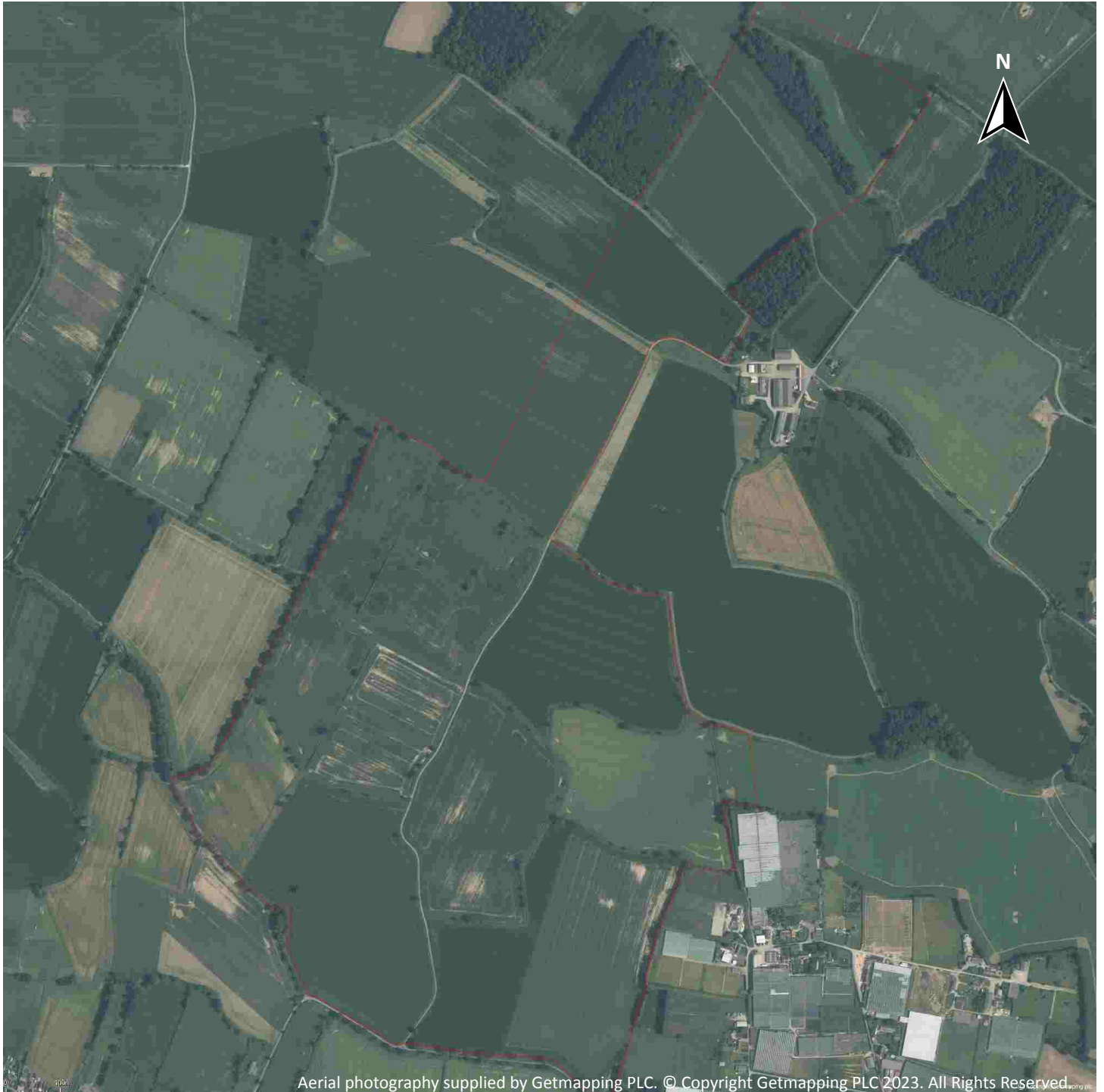
[119](#) > [19.1](#) > [Radon](#) > Less than 1% (within 0m)

Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
121 >	20.1 >	BGS Estimated Background Soil Chemistry >	28	2	-	-	-
122 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
122 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-

Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
123 >	21.1 >	Underground railways (London) >	0	0	0	-	-
123 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
123 >	21.3 >	Railway tunnels >	0	0	0	-	-
123 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
123 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
124 >	21.6 >	Historical railways >	0	0	0	-	-
124 >	21.7 >	Railways >	0	0	0	-	-
124 >	21.8 >	Crossrail 1 >	0	0	0	0	-
124 >	21.9 >	Crossrail 2 >	0	0	0	0	-
124 >	21.10 >	HS2 >	0	0	0	0	-



Recent aerial photograph

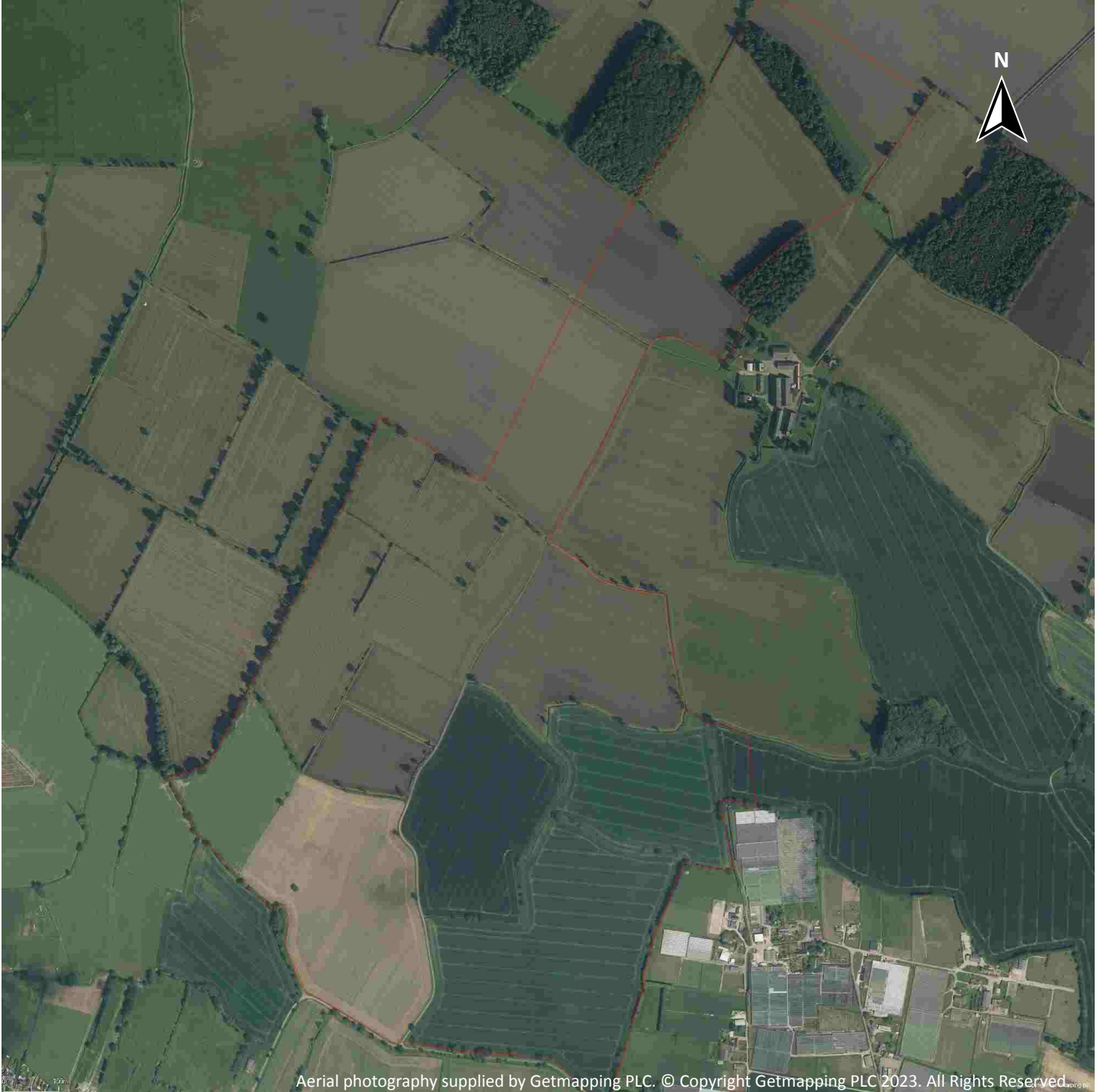


Capture Date: 24/06/2020

Site Area: 101.52ha



Recent site history - 2017 aerial photograph

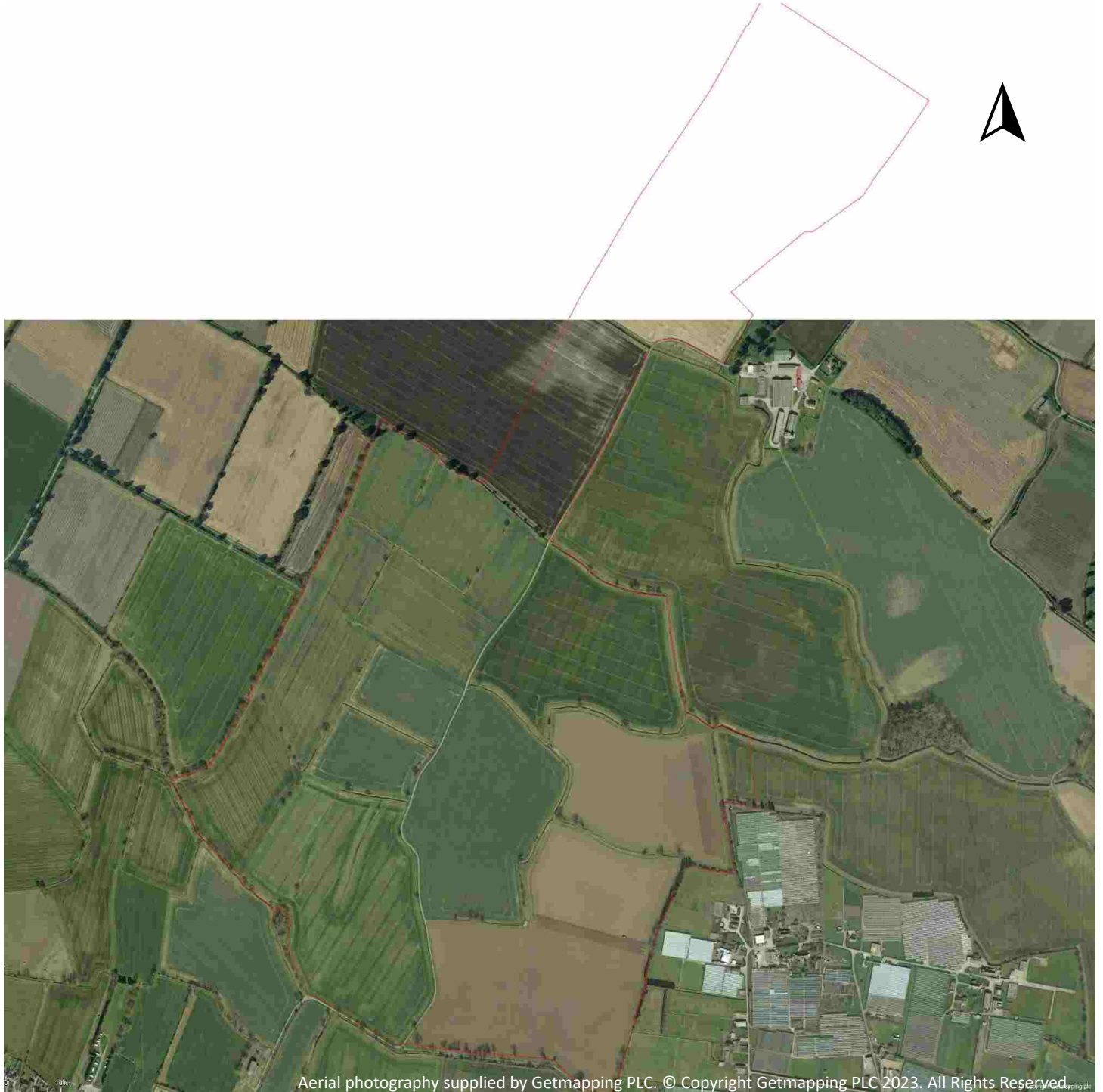


Capture Date: 19/09/2017

Site Area: 101.52ha



Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 101.52ha

Recent site history - 2007 aerial photograph

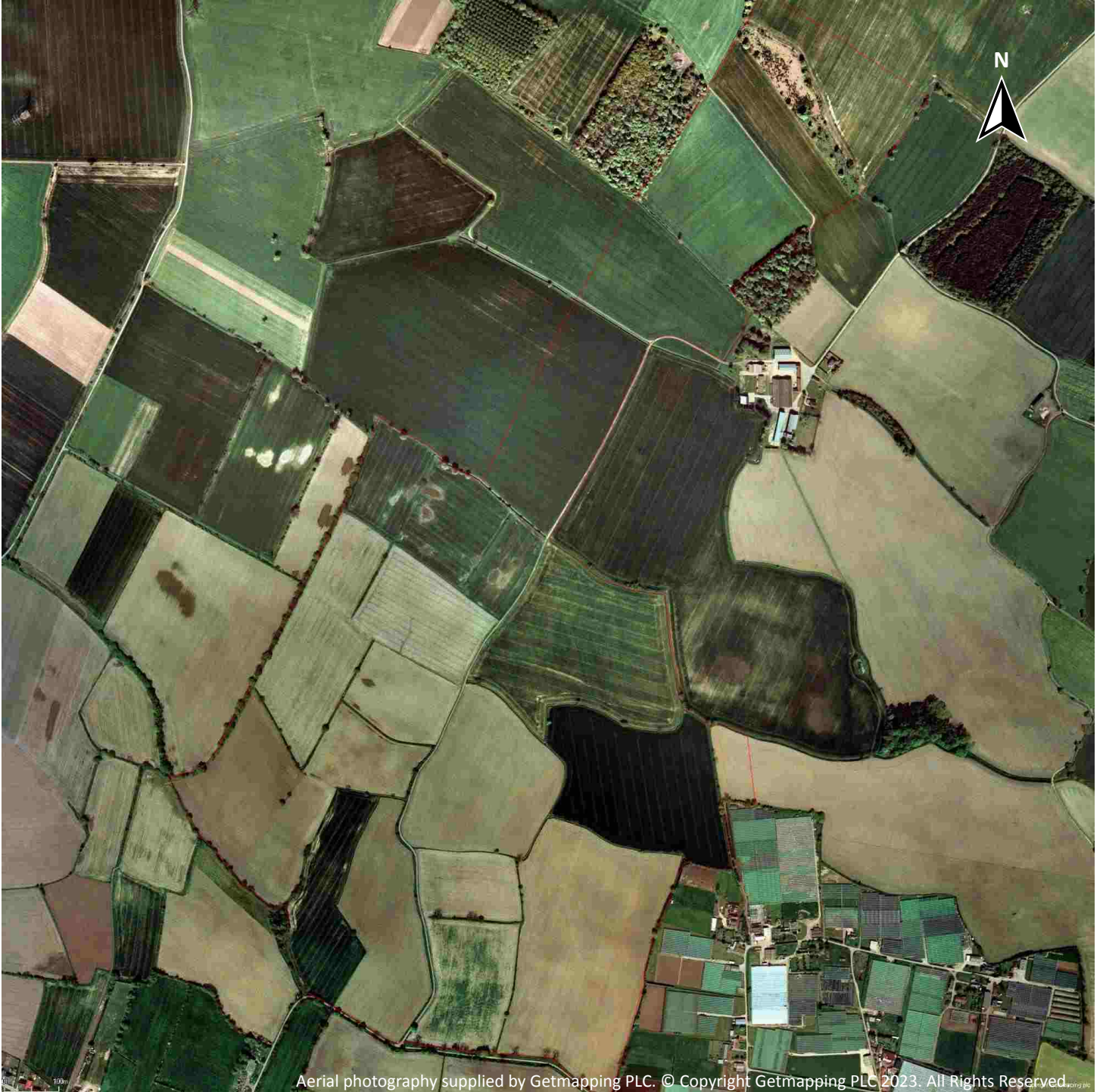


Capture Date: 24/08/2007

Site Area: 101.52ha



Recent site history - 1999 aerial photograph



Capture Date: 18/05/1999

Site Area: 101.52ha



1 Past land use

1.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

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 un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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 un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

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'.

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

2.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

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

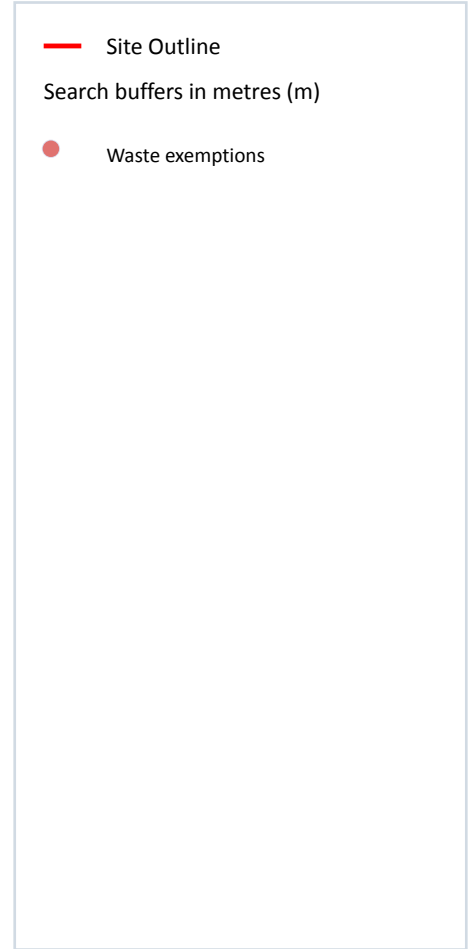
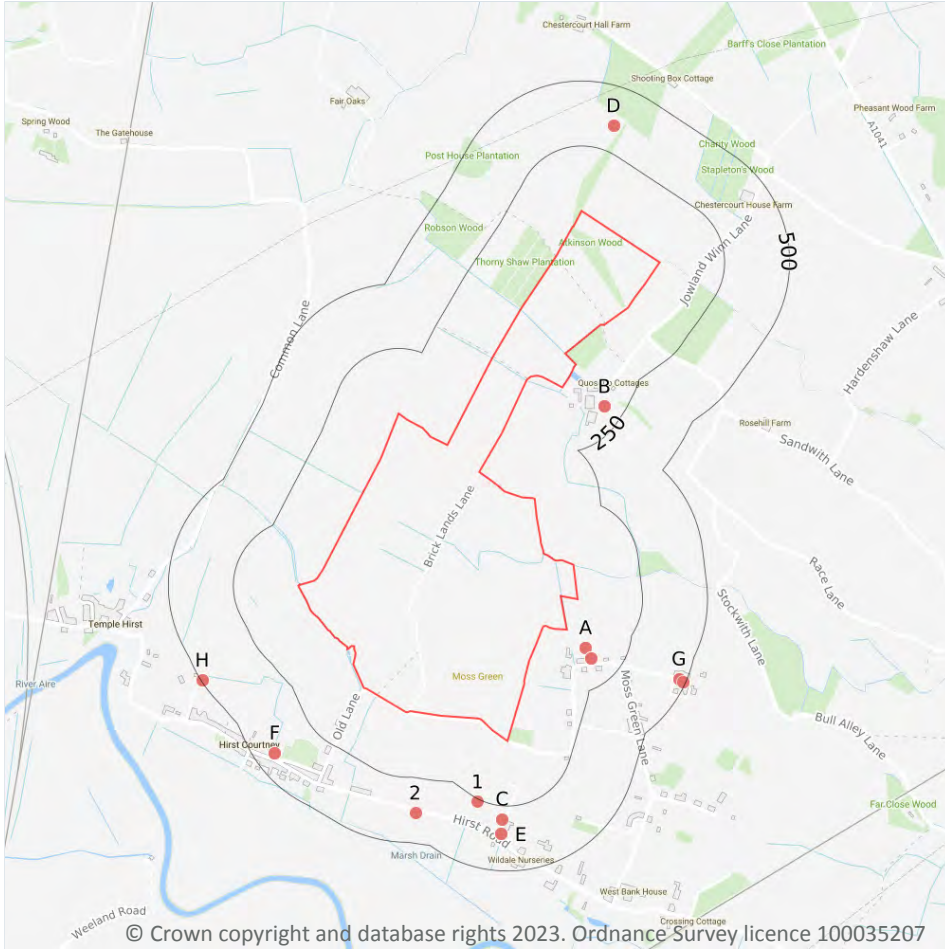
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

111

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 17 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	102m SE	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
A	102m SE	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
A	102m SE	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Using waste exemption	Agricultural Waste Only	Use of mulch
A	102m SE	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Storing waste exemption	On a Farm	Storage of waste in a secure place
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Using waste exemption	On a Farm	Spreading waste on non-agricultural land to confer benefit
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Disposing of waste exemption	On a Farm	Burning waste in the open
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX116728	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Disposing of waste exemption	On a farm	Burning waste in the open
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Storing waste exemption	On a farm	Storage of waste in a secure place
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	144m SE	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Use of waste in construction
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Use of mulch
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Treating waste exemption	On a Farm	Preparatory treatments (baling, sorting, shredding etc)
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Treating waste exemption	On a Farm	Crushing and emptying waste vehicle oil filters
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Disposing of waste exemption	On a Farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Disposing of waste exemption	On a Farm	Burning waste in the open
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Storing waste exemption	On a Farm	Storage of waste in secure containers
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Storing waste exemption	On a Farm	Storage of waste in a secure place
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Storing waste exemption	On a farm	Storage of waste in a secure place
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Storing waste exemption	On a farm	Storage of waste in secure containers
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Use of waste in construction
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Use of mulch
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Disposing of waste exemption	On a farm	Burning waste in the open
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice



ID	Location	Site	Reference	Category	Sub-Category	Description
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Disposing of waste exemption	On a farm	Burning waste in the open
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Storing waste exemption	On a farm	Storage of waste in secure containers
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Storing waste exemption	On a farm	Storage of waste in a secure place
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Use of waste in construction
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Use of mulch
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	176m NE	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Use of waste for a specified purpose
1	263m S	Stocking Green Farm Highfield Lane DONCASTER South Yorkshire DN6 9BP	EPR/MF0909S P/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of sludge
C	303m S	12 West Bank GOOLE North Humberside DN14 9PZ	EPR/CH0679FX /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from dredging of inland waters



ID	Location	Site	Reference	Category	Sub-Category	Description
C	303m S	12 West Bank GOOLE North Humberside DN14 9PZ	EPR/CH0679FX /A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
C	303m S	12 West Bank GOOLE North Humberside DN14 9PZ	EPR/CH0679FX /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Cleaning, washing, spraying or coating relevant waste
C	303m S	12 West Bank GOOLE North Humberside DN14 9PZ	EPR/CH0679FX /A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	303m S	12 West Bank GOOLE North Humberside DN14 9PZ	EPR/CH0679FX /A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading of plant matter to confer benefit
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Crushing and emptying waste vehicle oil filters
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of mulch
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
D	348m N	Quosquo Hall Estate Camblesforth North Yorkshire YO8 8JB	EPR/HH0770K P/A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX316873	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX316873	Using waste exemption	On a Farm	Spreading waste on non- agricultural land to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX316873	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX316873	Disposing of waste exemption	On a Farm	Burning waste in the open
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX316873	Storing waste exemption	On a Farm	Storage of waste in a secure place
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX178713	Using waste exemption	On a farm	Spreading waste on non- agricultural land to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX178713	Disposing of waste exemption	On a farm	Burning waste in the open
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX178713	Using waste exemption	On a farm	Spreading of plant matter to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX178713	Storing waste exemption	On a farm	Storage of waste in a secure place
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX178713	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX020528	Disposing of waste exemption	On a farm	Burning waste in the open
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX020528	Storing waste exemption	On a farm	Storage of waste in a secure place
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX020528	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX020528	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
E	360m S	12, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX020528	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
2	387m S	-	WEX245651	Storing waste exemption	On a Farm	Storage of sludge
F	426m SW	Westfield Main Street SELBY North Yorkshire YO8 8QT	EPR/LF0337LL/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
F	426m SW	Westfield Main Street SELBY North Yorkshire YO8 8QT	EPR/LF0337LL/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
F	426m SW	Westfield Main Street SELBY North Yorkshire YO8 8QT	EPR/LF0337LL/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	426m SW	Westfield Main Street SELBY North Yorkshire YO8 8QT	EPR/LF0337LL/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
F	426m SW	Westfield Main Street SELBY North Yorkshire YO8 8QT	EPR/LF0337LL/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
F	426m SW	Westfield Main Street SELBY North Yorkshire YO8 8QT	EPR/LF0337LL/A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
G	472m SE	23/24 west bank carlton dn14 9pz	EPR/AE5656D W/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
G	472m SE	23/24 west bank carlton dn14 9pz	EPR/AE5656D W/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
G	472m SE	23/24 west bank carlton dn14 9pz	EPR/AE5656D W/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
G	492m SE	24, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX017612	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
G	492m SE	24, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX017612	Disposing of waste exemption	Not on a farm	Burning waste in the open
G	492m SE	24, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX017612	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX218590	Disposing of waste exemption	On a Farm	Burning waste in the open
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX218590	Using waste exemption	On a Farm	Use of waste in construction
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX218590	Using waste exemption	On a Farm	Use of waste for a specified purpose
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX218590	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX218590	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX218590	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX072482	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX072482	Disposing of waste exemption	On a farm	Burning waste in the open

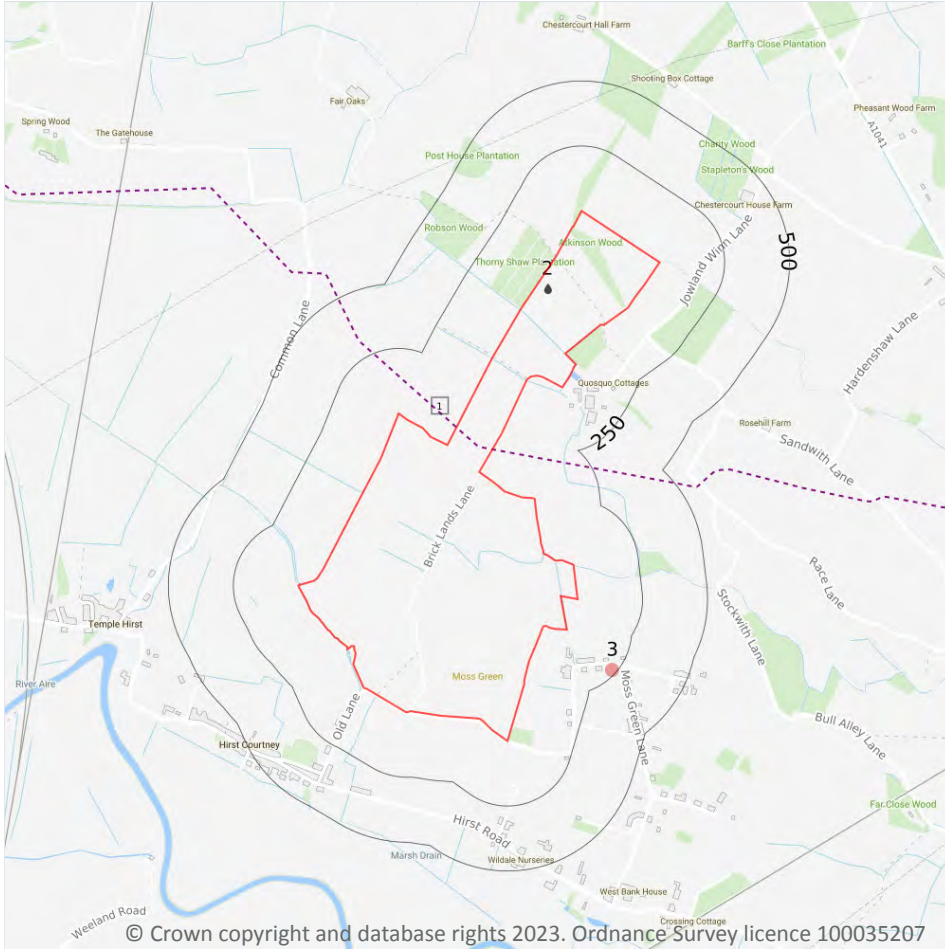


ID	Location	Site	Reference	Category	Sub-Category	Description
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX072482	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX072482	Using waste exemption	On a farm	Use of waste in construction
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX072482	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
H	498m SW	WESTFIELD, MAIN STREET, HIRST COURTNEY, SELBY, YO8 8QT	WEX072482	Using waste exemption	On a farm	Use of waste for a specified purpose

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
- - - Gas pipelines
- Licensed Discharges to controlled waters

4.1 Recent industrial land uses

Records within 250m

1

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 28](#) >

ID	Location	Company	Address	Activity	Category
3	234m SE	W S Bentley Growers Ltd	28a, Carlton, Selby, North Yorkshire, DN14 9PZ	Fruit, Flower and Vegetable Growers	Farming

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m 0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m 0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m 1

High pressure underground gas transmission pipelines.

Features are displayed on the Current industrial land use map on [page 28 >](#)

ID	Location	Pipe Name	Details	
1	On site	ASSELBY TO PANNAL	Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid Maximum Operating Pressure (Bar): -	Pipeline Diameter (mm): 1200 Wall Thickness (mm): - Year of commission: Not specified Abandonment Status: Not abandoned

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

0

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

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

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

1

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 28 >](#)

ID	Location	Address	Details	
2	On site	RHM FISH FARM, RHM RESEARCH LTD TO:, R.OUSE (T) VIA CEGB DRAX COOLING, WATER OUTLET K	Effluent Type: AGRICULTURE - FISH FARMING - NOT WATER COMPANY Permit Number: 3228 Permit Version: 1 Receiving Water: NO DETAILS	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: 08/01/1987

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

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

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

4.19 Pollution inventory substances

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

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

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

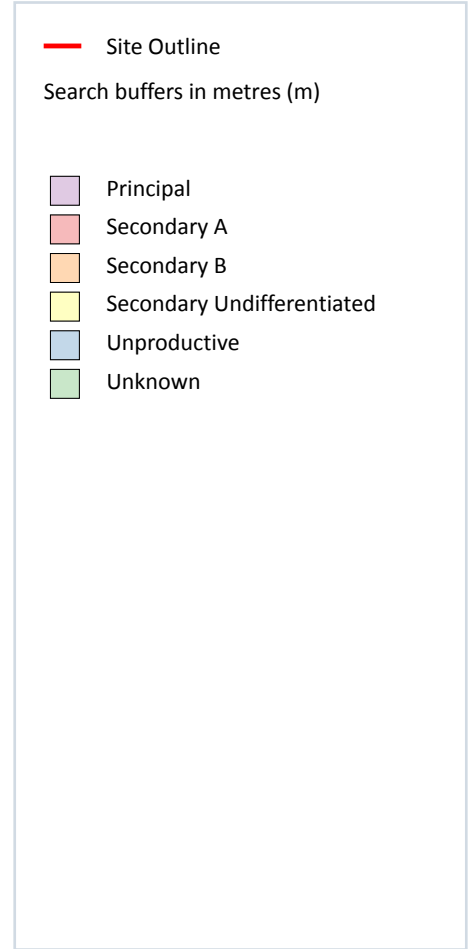
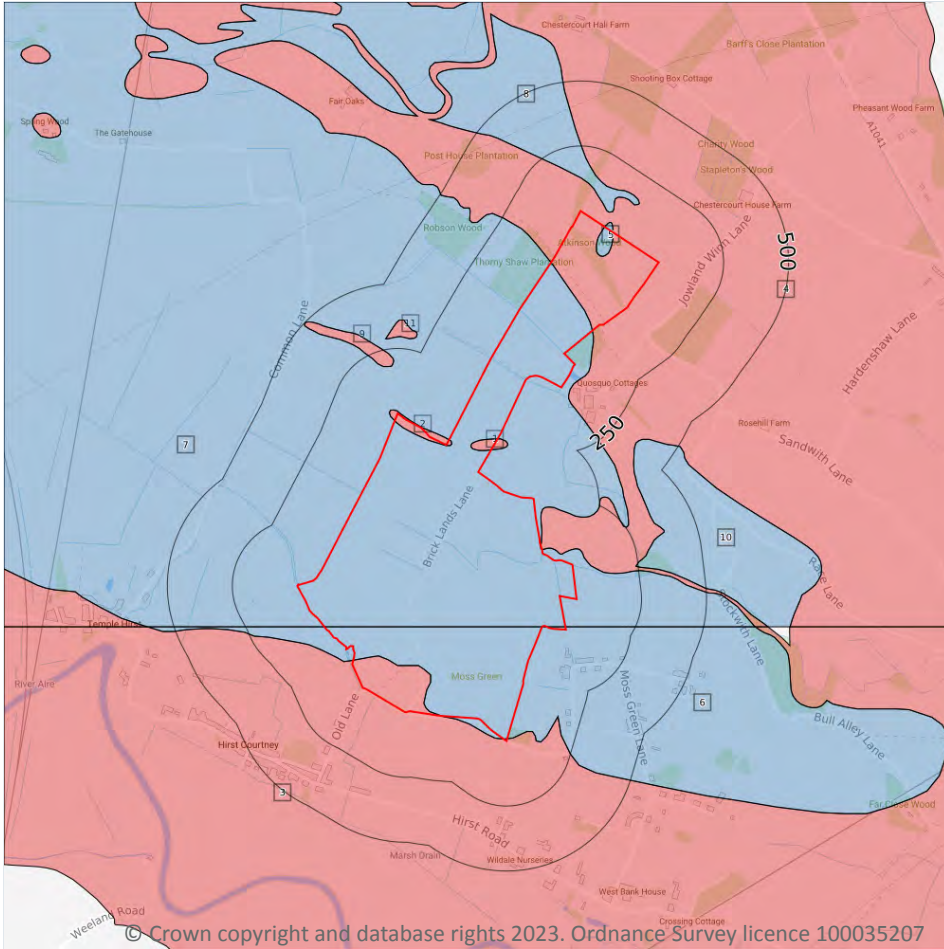
Records within 500m

0

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

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

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

11

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 34 >](#)

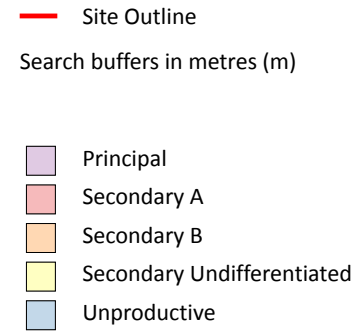
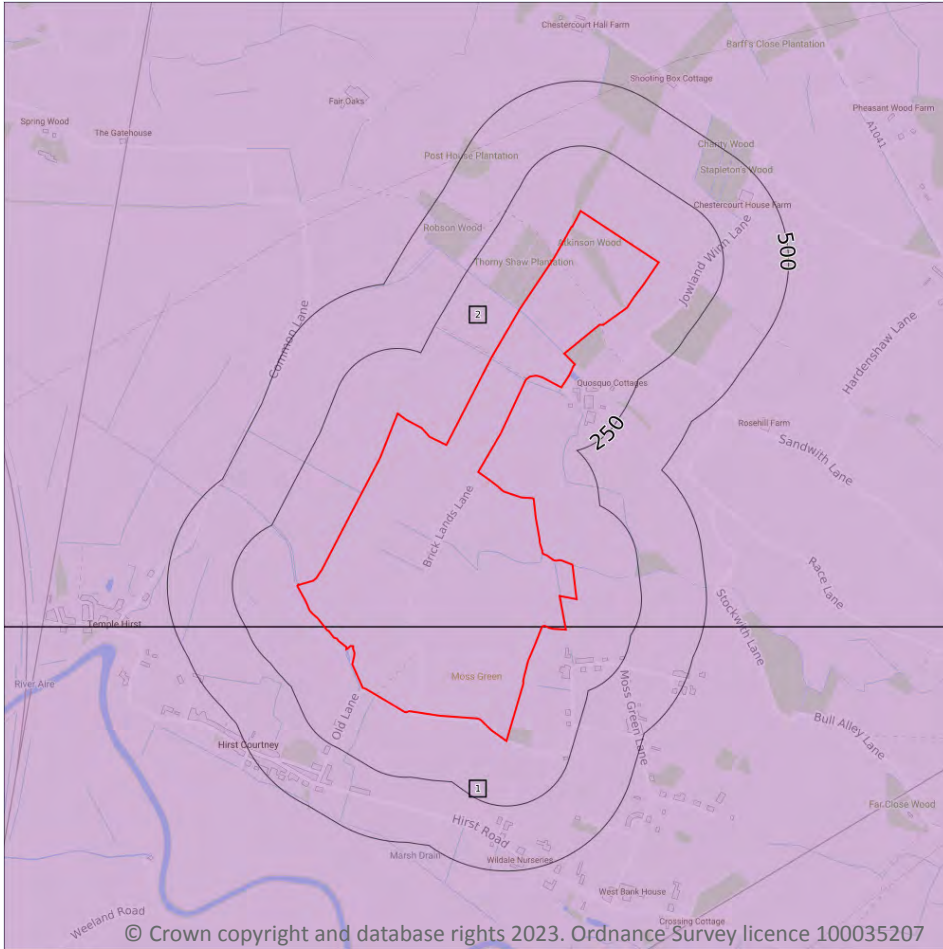
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary 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
8	56m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
9	183m 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
10	242m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
11	290m 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.



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

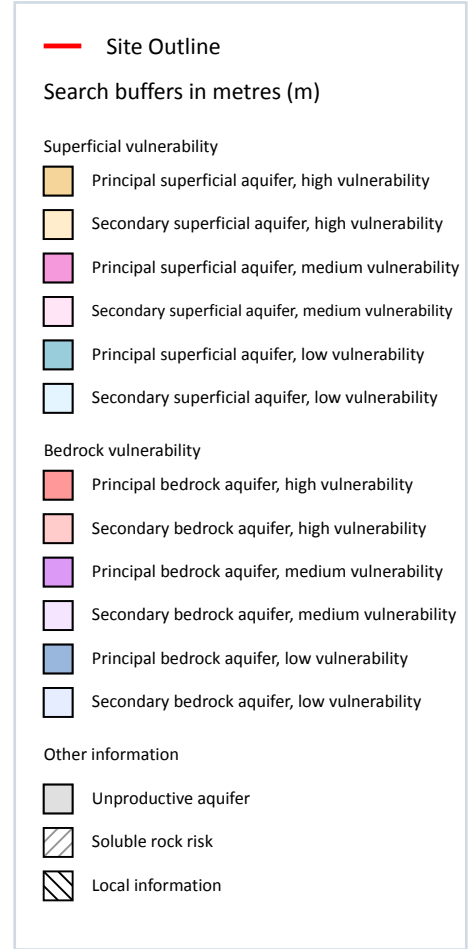
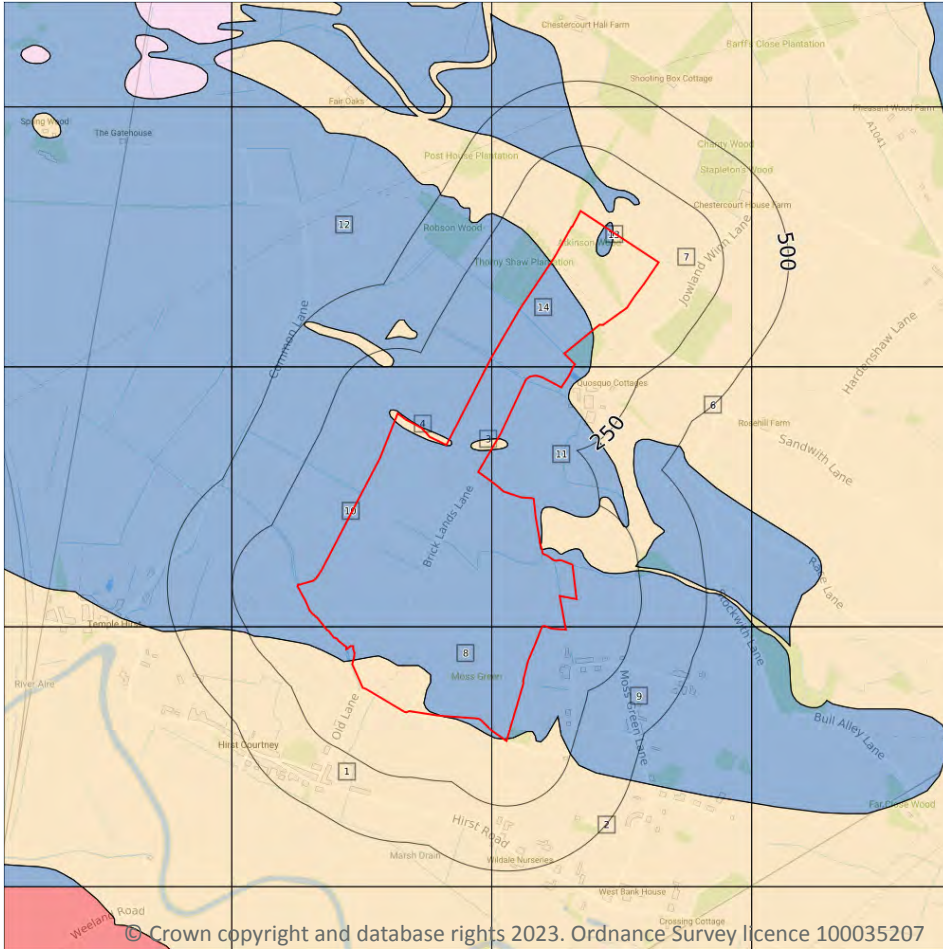
Features are displayed on the Bedrock aquifer map on [page 36](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

14

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 38](#) >

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
7	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
9	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
10	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
11	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
12	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
13	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
14	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

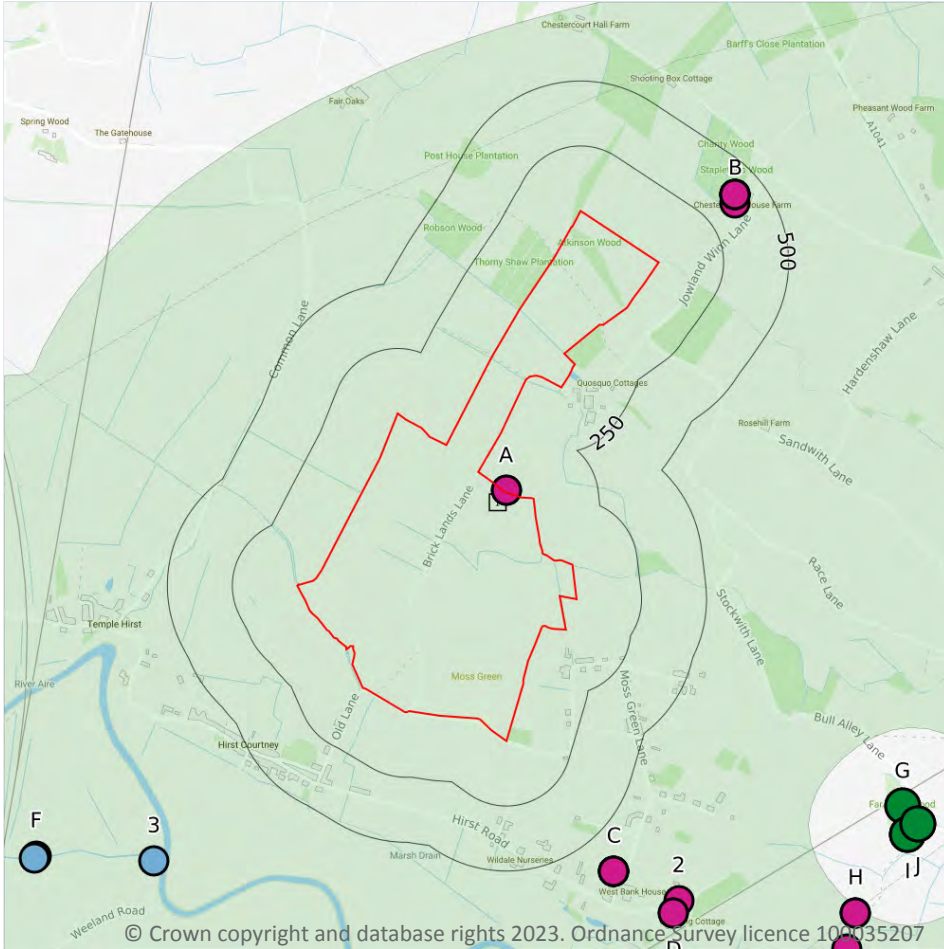
0

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



5.6 Groundwater abstractions

Records within 2000m

54

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 42 >](#)

ID	Location	Details	
A	6m NE	Status: Active Licence No: NE/027/0018/033 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
A	6m NE	Status: Active Licence No: NE/027/0018/033 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
B	372m NE	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -
B	393m NE	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -



ID	Location	Details	
B	393m NE	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
B	393m NE	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
B	393m NE	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
B	393m NE	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -

ID	Location	Details	
B	393m NE	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
C	649m S	Status: Historical Licence No: 2/27/18/083 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LIMITED Easting: 462470 Northing: 424060	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1995 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 12/06/1995 Version End Date: -
C	649m S	Status: Historical Licence No: 2/27/18/083 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1995 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 12/06/1995 Version End Date: -
C	649m S	Status: Historical Licence No: 2/27/18/125 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: - Original Start Date: 01/01/2006 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/01/2006 Version End Date: -



ID	Location	Details	
C	649m S	Status: Active Licence No: 2/27/18/125/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
C	649m S	Status: Active Licence No: 2/27/18/125/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
C	649m S	Status: Active Licence No: 2/27/18/125/R01 Details: General Use Relating To Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
2	902m SE	Status: Active Licence No: NE/027/0018/006 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: N & G M HINSLEY & SONS Easting: 462719 Northing: 423947	Annual Volume (m ³): 11808 Max Daily Volume (m ³): 203 Original Application No: NPS/WR/004849 Original Start Date: 01/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2011 Version End Date: -



ID	Location	Details	
D	922m SE	Status: Historical Licence No: 2/27/18/112 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: HINSLEY Easting: 462700 Northing: 423900	Annual Volume (m ³): 11017 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
D	922m SE	Status: Historical Licence No: 2/27/18/112 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-CARLTON-GOOLE Data Type: Point Name: HINSLEY Easting: 462700 Northing: 423900	Annual Volume (m ³): 11017 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
G	1462m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(1)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
G	1462m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (1) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -



ID	Location	Details	
G	1462m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -
H	1496m SE	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE- GREENACRES, HIRST RD, CARLTON Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
H	1496m SE	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE- GREENACRES-HIRST RD-CARLTON Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): 9605 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
H	1496m SE	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): 9605 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -



ID	Location	Details	
6	1533m SE	Status: Active Licence No: NE/027/0018/005 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: N & G M HINSLEY & SONS Easting: 463364 Northing: 423759	Annual Volume (m ³): 8023 Max Daily Volume (m ³): 203 Original Application No: NPS/WR/004848 Original Start Date: 01/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2011 Version End Date: -
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -



ID	Location	Details	
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
J	1548m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(2)-SHERWOOD SANDSTONE- CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
J	1548m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (2) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
J	1548m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -



ID	Location	Details	
-	1605m N	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1605m N	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1605m N	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1605m N	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461400 Northing: 427900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/02/1995 Version End Date: -
-	1646m N	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN- SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -



ID	Location	Details	
-	1646m N	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-BURN-SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 1315 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: - Issue No: 101 Version Start Date: 16/05/2005 Version End Date: -
-	1646m N	Status: Historical Licence No: 2/27/24/300 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
-	1646m N	Status: Historical Licence No: 2/27/24/300 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: - Original Start Date: 03/02/1995 Expiry Date: 31/03/2015 Issue No: 102 Version Start Date: 05/05/2011 Version End Date: -
-	1646m N	Status: Active Licence No: 2/27/24/300/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
-	1646m N	Status: Active Licence No: 2/27/24/300/R01 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BURN - SELBY Data Type: Point Name: WEBSTER BROS (BURN) LTD Easting: 461430 Northing: 427970	Annual Volume (m ³): 65973 Max Daily Volume (m ³): 2520 Original Application No: NPS/WR/017474 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1723m NE	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1723m NE	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463190 Northing: 428100	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 29/07/2011 Version End Date: -
-	1728m NE	Status: Historical Licence No: 2/27/24/477 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -



ID	Location	Details	
-	1728m NE	Status: Historical Licence No: 2/27/24/477 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 13/07/2007 Expiry Date: 31/03/2015 Issue No: 9 Version Start Date: 04/11/2013 Version End Date: -
-	1728m NE	Status: Active Licence No: 2/27/24/477/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1728m NE	Status: Active Licence No: 2/27/24/477/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	1728m NE	Status: Active Licence No: 2/27/24/477/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 463191 Northing: 428105	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: NPS/NA/001835 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	1849m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -
-	1849m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
-	1855m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
-	1855m NE	Status: Active Licence No: NE/027/0024/003/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -

ID	Location	Details	
-	1855m NE	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	8
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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 42 >](#)

ID	Location	Details	
3	1043m SW	Status: Historical Licence No: 2/27/18/087 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: INTAKE AND MARSH DRAIN Data Type: Point Name: PLATT Easting: 460700 Northing: 424100	Annual Volume (m ³): 49310 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 31/10/2006 Issue No: 100 Version Start Date: 27/03/1997 Version End Date: -
-	1072m S	Status: Active Licence No: NE/027/0018/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE BETWEEN POINTS A AND B- 2020 VARIATION Data Type: Line Name: MARK H POSKITT LTD Easting: 462252 Northing: 423506	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1800 Original Application No: NPS/WR/033447 Original Start Date: 01/04/2011 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 06/07/2020 Version End Date: -



ID	Location	Details	
-	1081m S	Status: Historical Licence No: 2/27/18/145 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE Data Type: Line Name: H HEY & SONS Easting: 462270 Northing: 423500	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 2700 Original Application No: - Original Start Date: 15/08/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 15/08/2007 Version End Date: -
-	1082m S	Status: Active Licence No: 2/27/18/145/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462252 Northing: 423496	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 2700 Original Application No: NPS/WR/018049 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
-	1264m S	Status: Active Licence No: NE/027/0018/024 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: ABSTRACTION REACH IN INGS DRAIN- G TO H Data Type: Line Name: MARK H POSKITT LTD Easting: 462101 Northing: 423297	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1800 Original Application No: NPS/WR/033448 Original Start Date: 19/08/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 06/07/2020 Version End Date: -
F	1413m SW	Status: Active Licence No: NE/027/0018/025 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: INTAKE & MARSH DRAIN Data Type: Point Name: PLATT Easting: 460247 Northing: 424119	Annual Volume (m ³): 49310 Max Daily Volume (m ³): 2000 Original Application No: NPS/WR/017867 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
F	1423m SW	Status: Historical Licence No: 2/27/18/130 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: INTAKE & MARSH DRAIN Data Type: Point Name: PLATT Easting: 460240 Northing: 424110	Annual Volume (m ³): 49310 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 16/02/2007 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/04/2007 Version End Date: -



ID	Location	Details	
-	1968m S	Status: Historical Licence No: NE/027/0018/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE AT GOWDALL Data Type: Line Name: MARK H POSKITT LTD Easting: 462578 Northing: 422662	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1800 Original Application No: - Original Start Date: 01/04/2011 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 01/04/2015 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

10

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.

Features are displayed on the Abstractions and Source Protection Zones map on [page 42 >](#)

ID	Location	Details	
G	1462m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(1)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
G	1462m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (1) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -



ID	Location	Details	
G	1462m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -

ID	Location	Details	
I	1533m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
J	1548m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(2)-SHERWOOD SANDSTONE- CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
J	1548m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (2) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
J	1548m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -

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



5.9 Source Protection Zones

Records within 500m

1

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 42 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

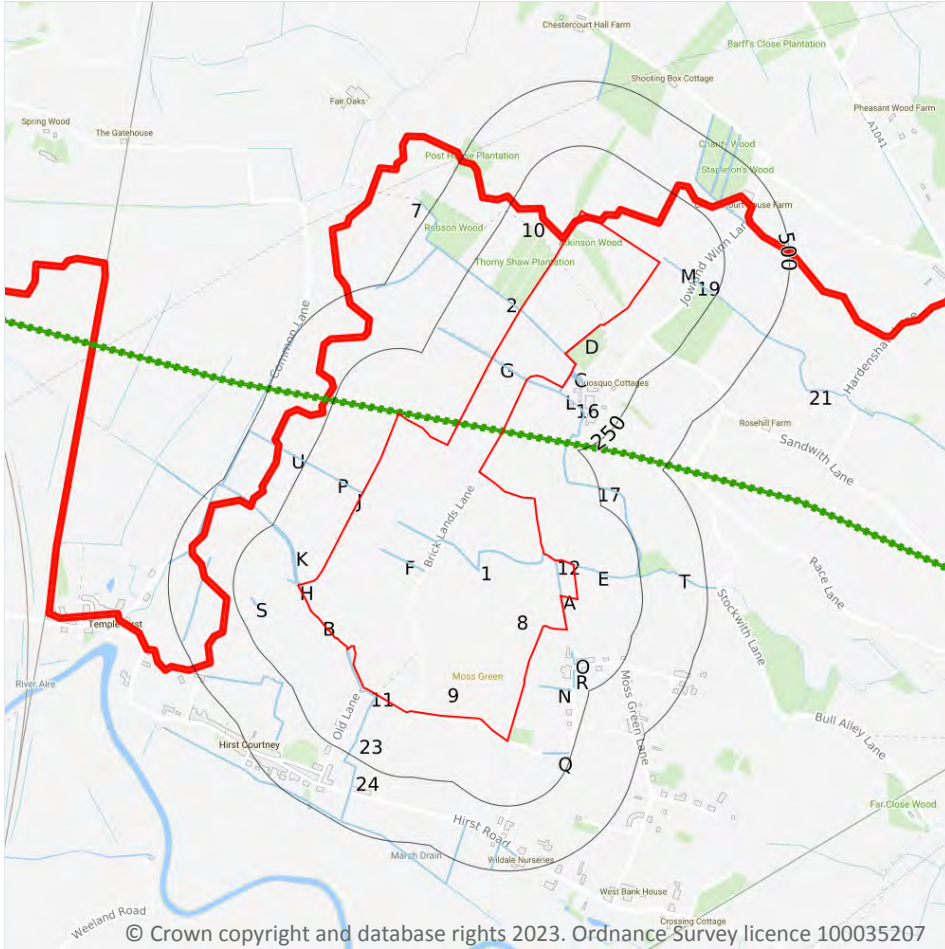
0

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

37

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 62 >](#)

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.	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	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.	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)	-
H	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
11	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	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)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
K	1m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	11m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	11m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	21m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	24m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
16	43m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	57m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	85m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	89m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	105m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	143m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
19	147m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
P	150m W	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
R	155m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
21	155m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	162m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	174m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
23	179m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
R	183m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
R	184m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
24	188m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	236m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	250m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

29

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 62 >](#)



This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	2
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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 62 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
7	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Ouse Lower Yorkshire	Wharfe and Ouse Lower
8	On site	River	Aire from River Calder to River Ouse	GB104027062760	Aire Lower	Aire and Calder

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 62 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	749m S	River	Aire from River Calder to River Ouse	GB104027062760 ↗	Moderate	Fail	Moderate	2019
-	1834m N	River	Ouse from R Wharfe to Upper Humber	GB104027064270 ↗	Moderate	Fail	Moderate	2019

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



6.5 WFD Groundwater bodies

Records on site	2
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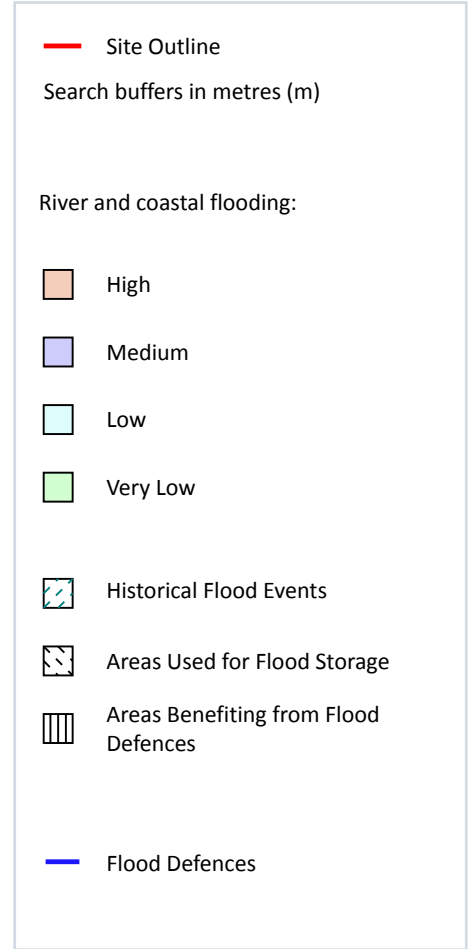
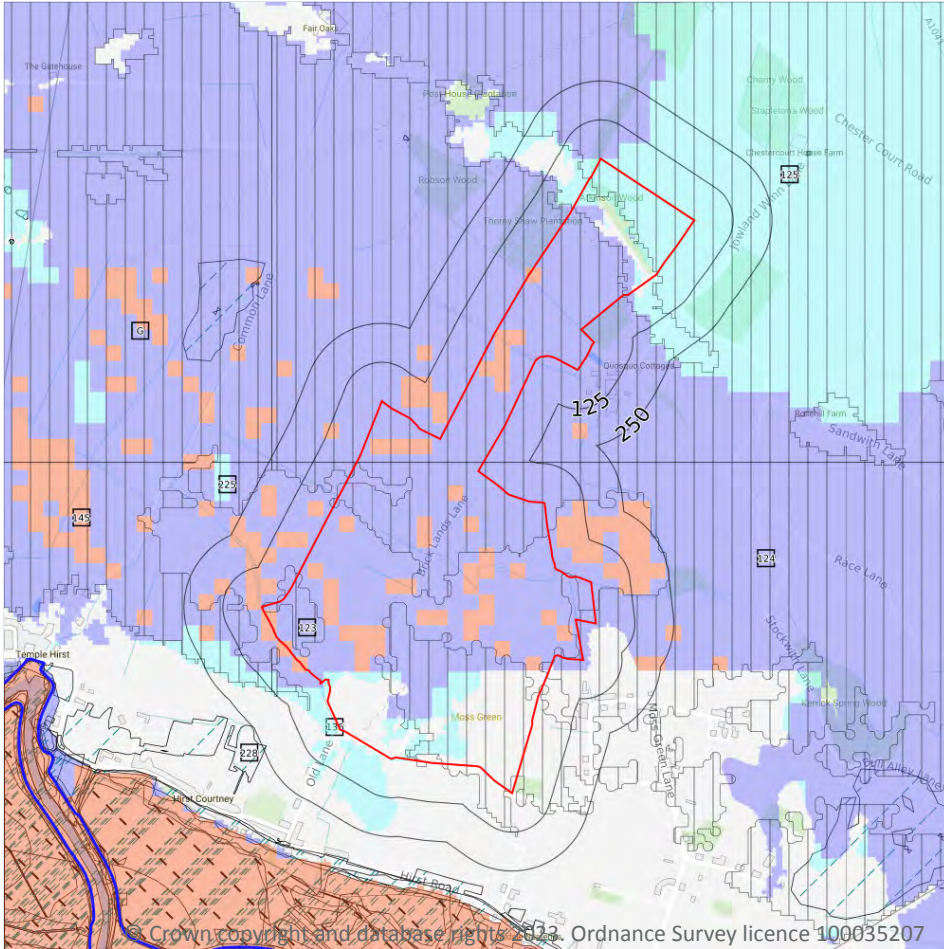
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 62 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
9	On site	Aire & Don Sherwood Sandstone.	GB40401G701000 ↗	Poor	Poor	Poor	2019
10	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400 ↗	Poor	Poor	Good	2019

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

7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

157

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 68](#) >

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	2
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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 68 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
136	9m SW	2020 February Flood Incident - Storm Dennis	2020-02-15 2020-03-19	Ordinary watercourse	Channel capacity exceeded (no raised defences)	Fluvial
228	238m SW	2020 February Flood Incident - Storm Dennis	2020-02-15 2020-03-19	Drainage	Local drainage/surface water	No data

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

7.3 Flood Defences

Records within 250m	0
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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	7
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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.

Features are displayed on the River and coastal flooding map on [page 68 >](#)



ID	Location	
123	On site	Area benefiting from flood defences
124	On site	Area benefiting from flood defences
125	On site	Area benefiting from flood defences
F	23m SW	Area benefiting from flood defences
145	36m SW	Area benefiting from flood defences
225	229m W	Area benefiting from flood defences
G	242m W	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m

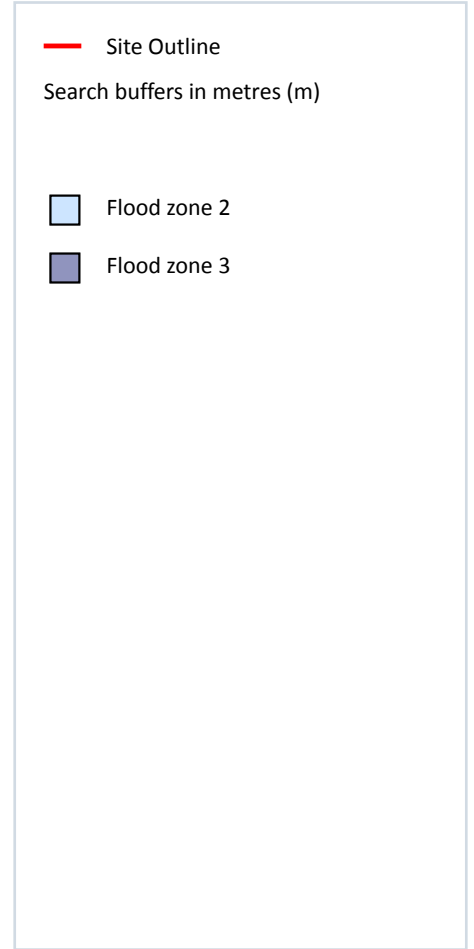
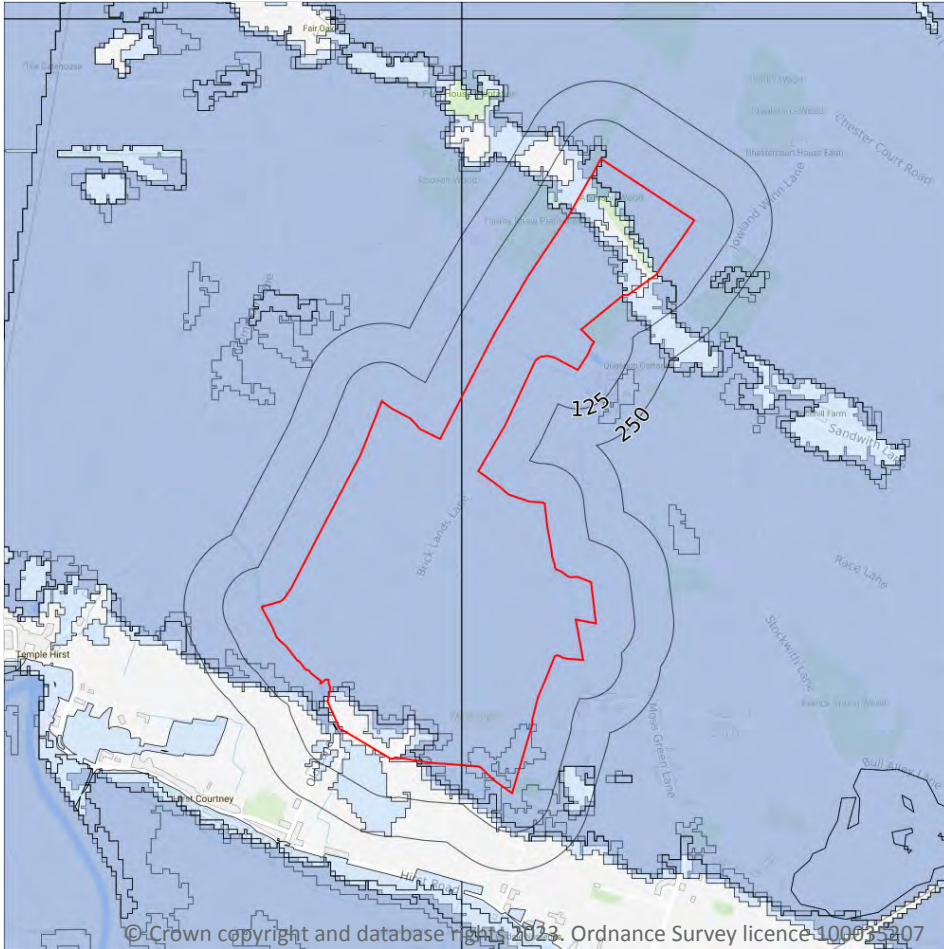
0

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



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 68](#) >

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.

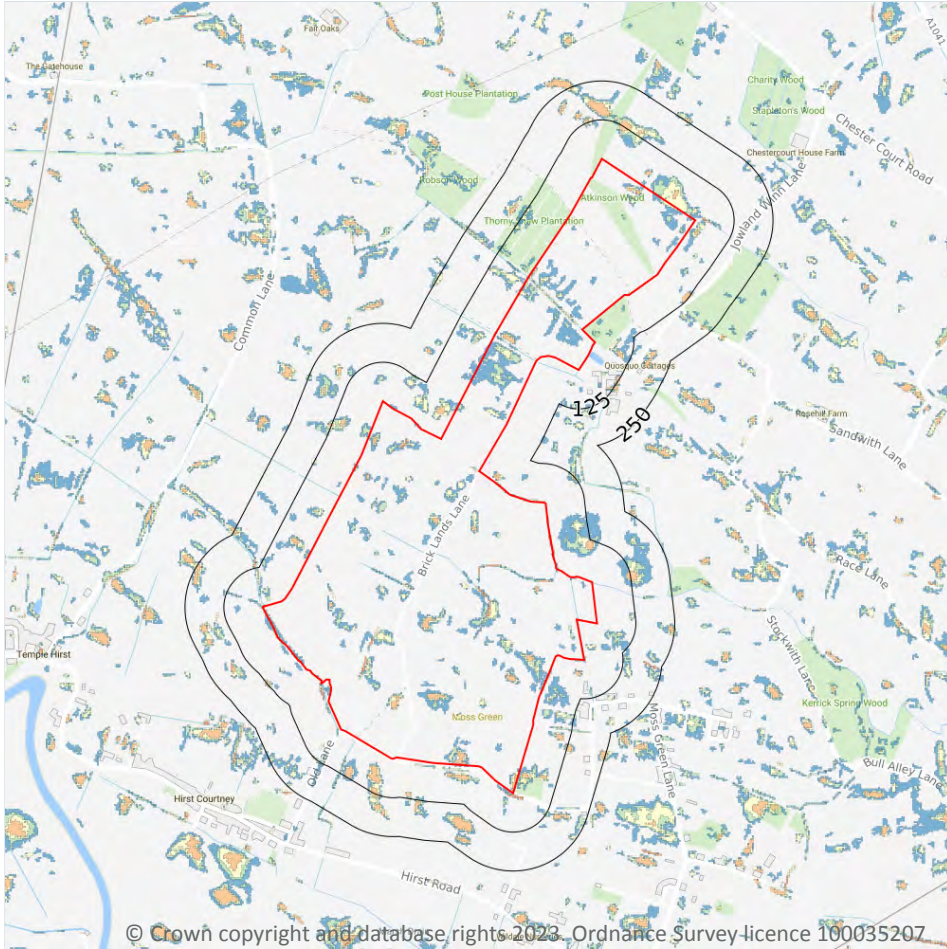
Features are displayed on the River and coastal flooding map on [page 68](#) >

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 73 >](#)

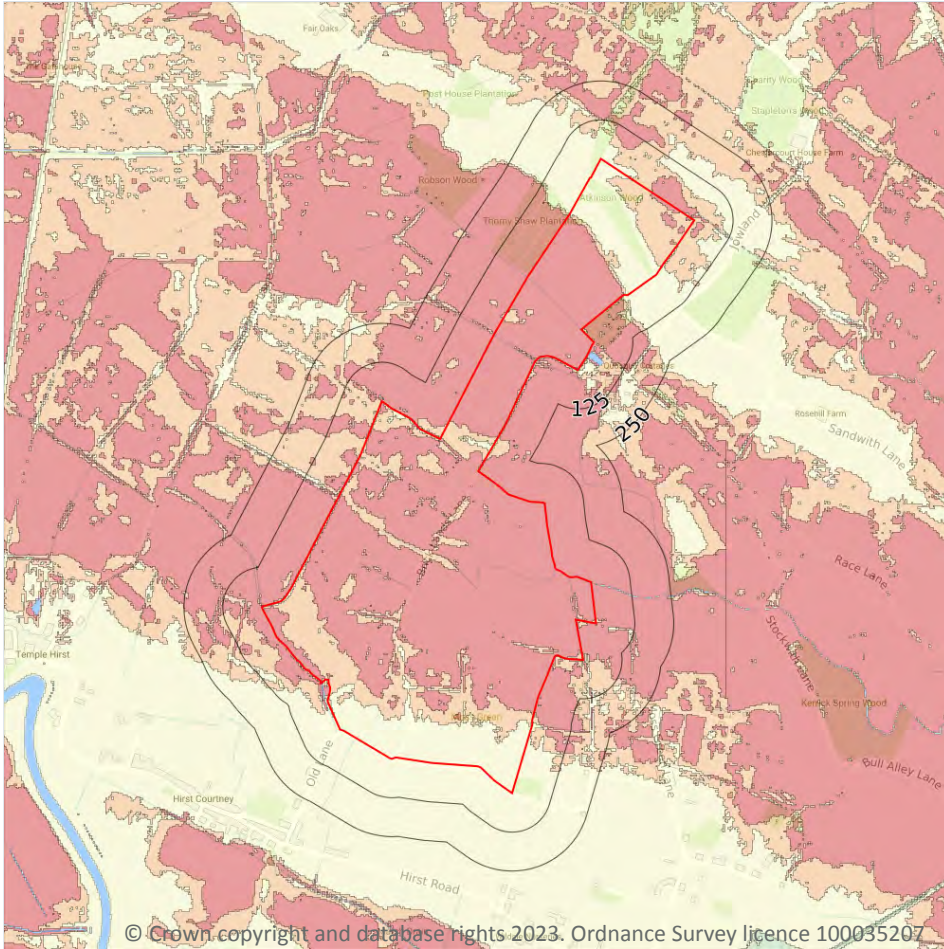
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

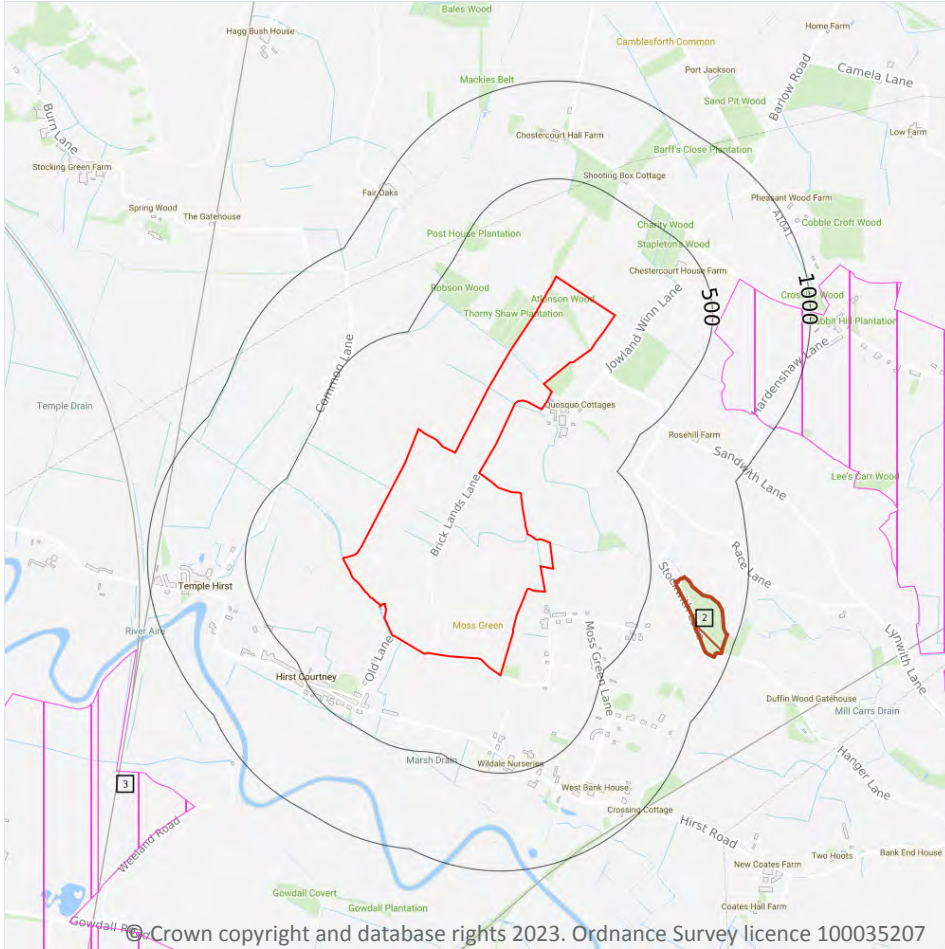
High

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

Features are displayed on the Groundwater flooding map on [page 75 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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.

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

1

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 76 >](#)

ID	Location	Name	Woodland Type
2	628m E	Kerrick Spring Wood	Ancient Replanted 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

4

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).

Features are displayed on the Environmental designations map on [page 76 >](#)

ID	Location	Name	Data source
1	517m NE	Carlton	Natural England
3	1156m SW	Pollington	Natural England
4	1422m SW	Pollington	Natural England
5	1934m SW	Pollington	Natural England

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

5

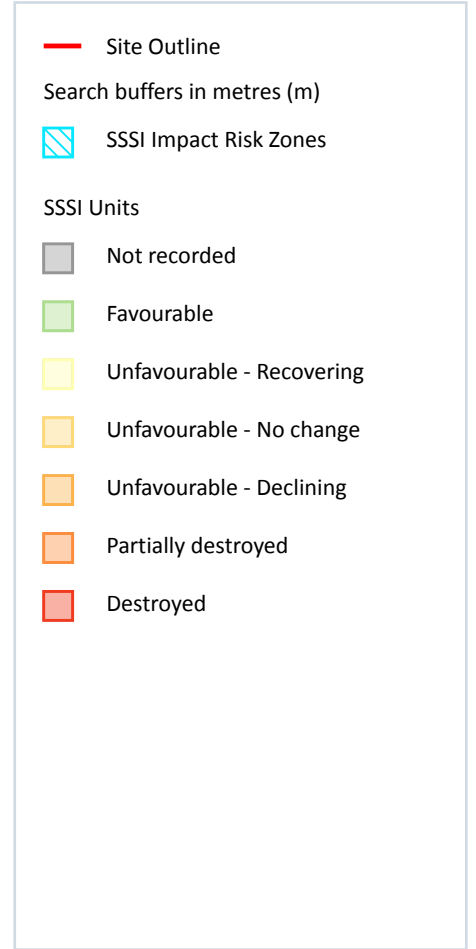
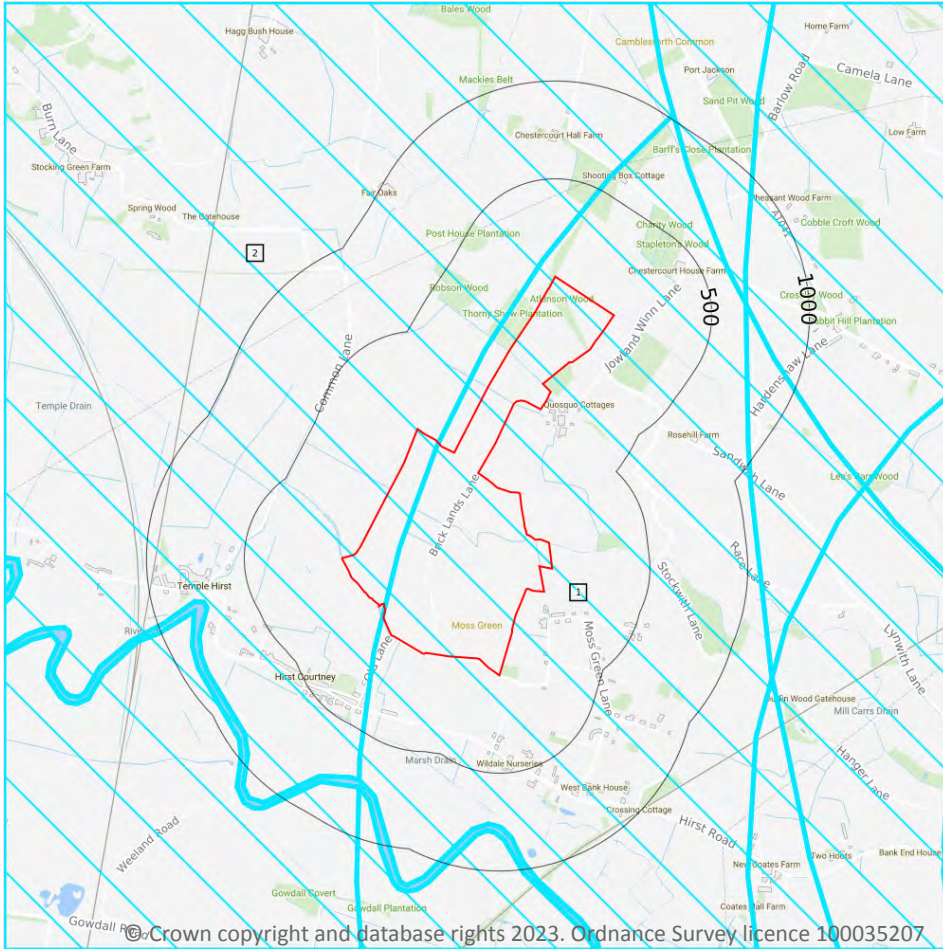
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
On site	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1450m NE	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1509m E	Aire from River Calder to River Ouse NVZ	Surface Water	274	Existing
1554m SW	Selby	Groundwater	108	Existing

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

2

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 81](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>
2	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m².</p> <p>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.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p>

This data is sourced from Natural England.

10.18 SSSI Units

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

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.

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

11 Visual and cultural designations

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

0

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



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

11.5 Conservation Areas

Records within 250m

0

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.

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

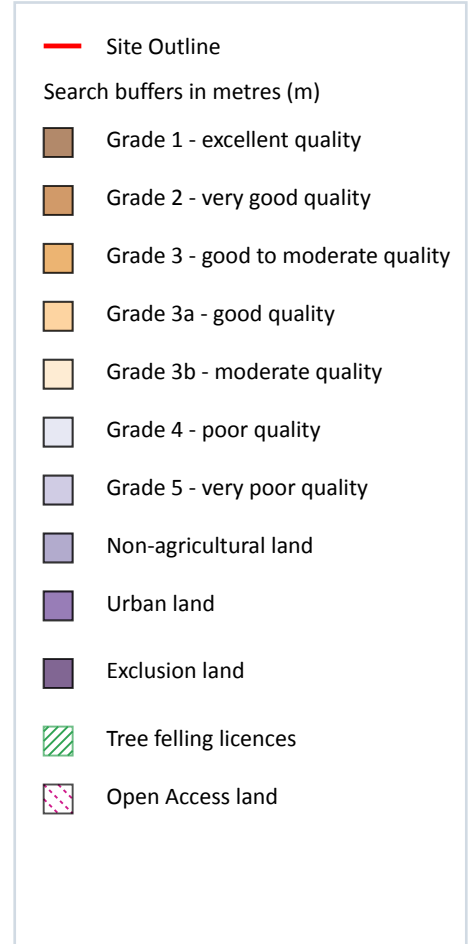
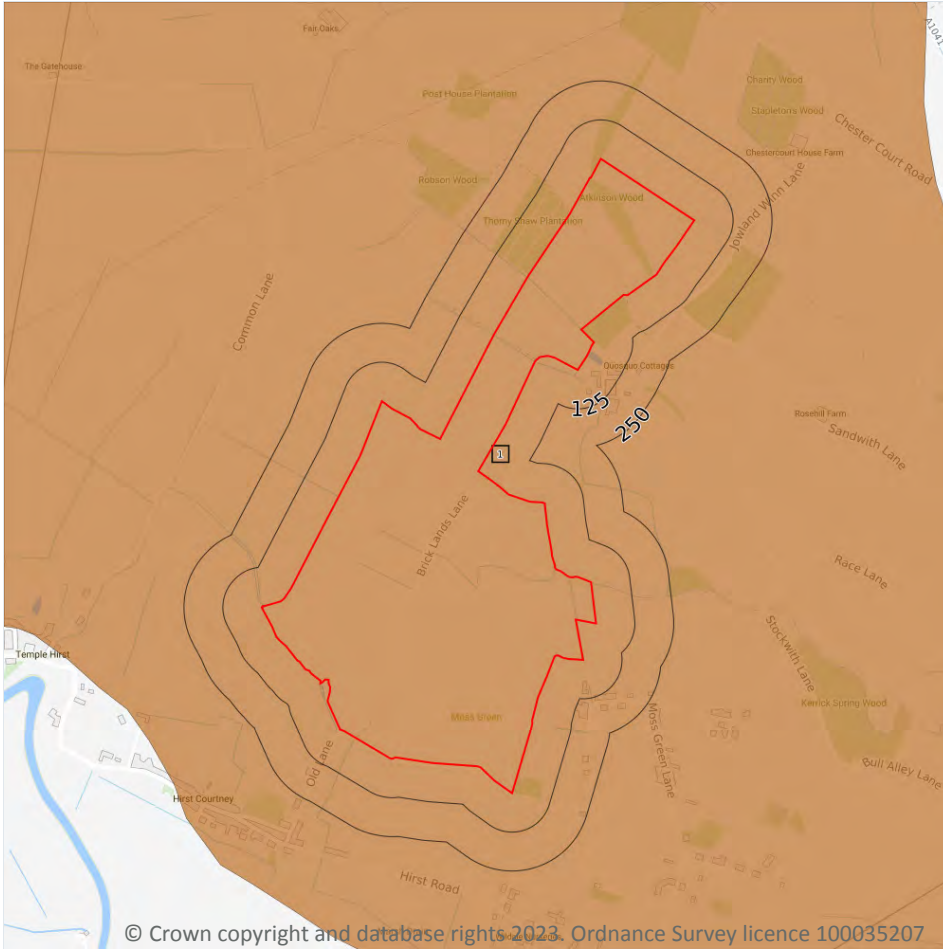
0

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



12.1 Agricultural Land Classification

Records within 250m

1

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 85](#) >

ID	Location	Classification	Description
1	On site	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

0

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.

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

8

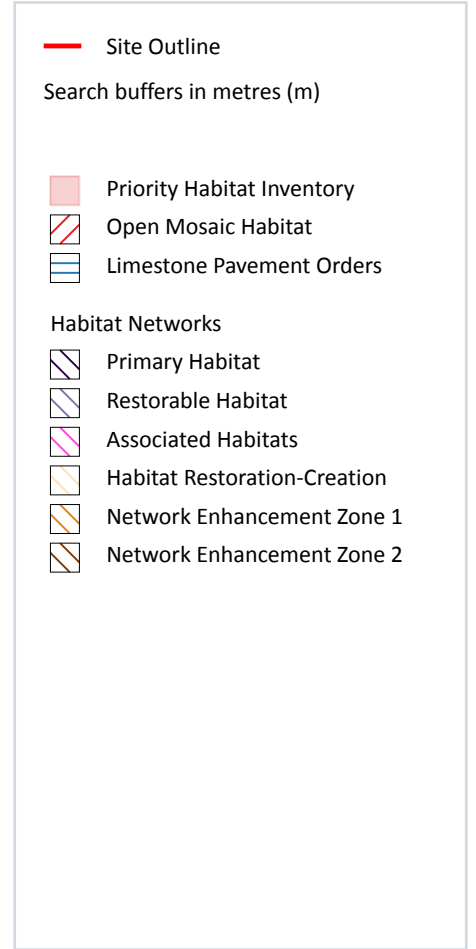
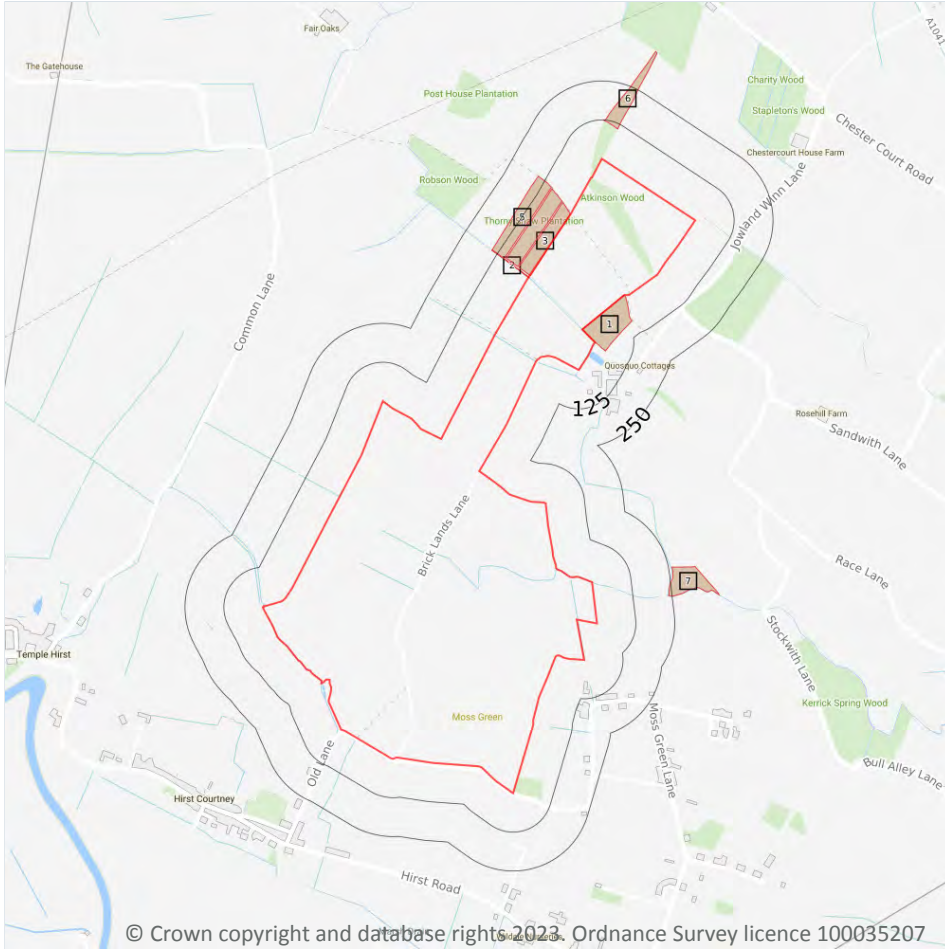
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024
On site	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
9m S	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
123m N	1048730	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
165m N	677079	Countryside Stewardship (Middle Tier)	01/01/2020	31/12/2024

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

7

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 88](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	45m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
5	96m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	109m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	240m E	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

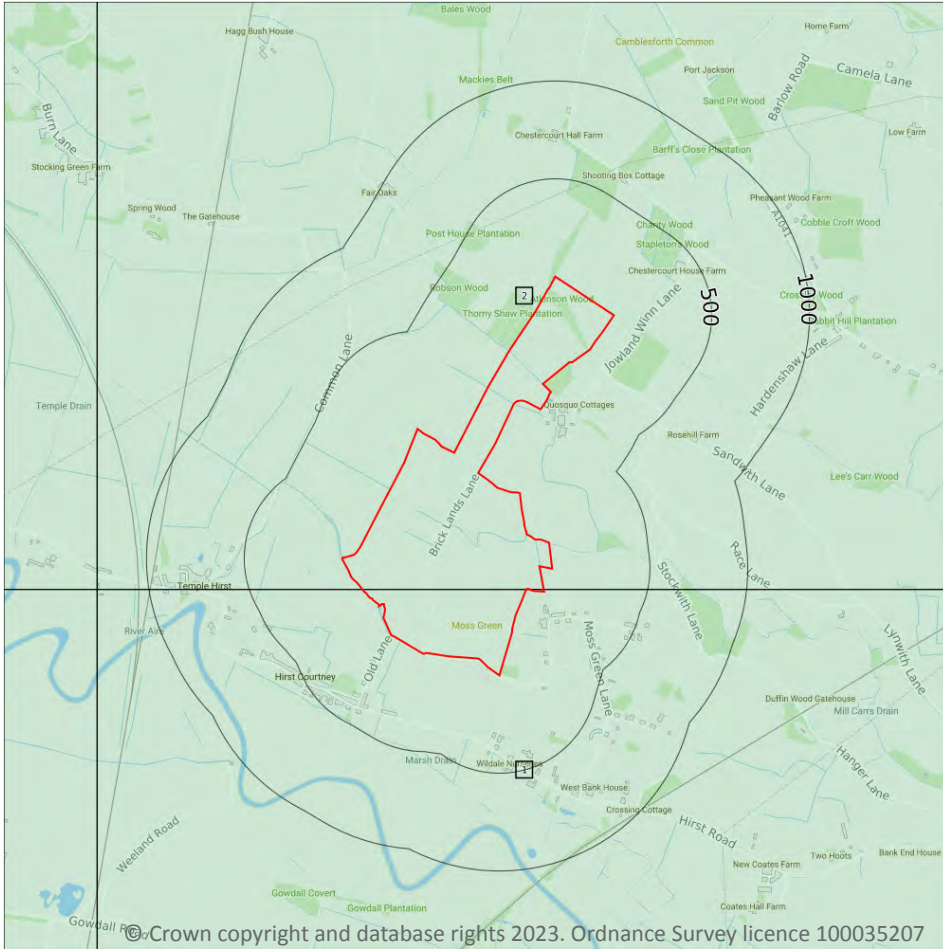
0

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 90](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62SW
2	On site	No coverage	Full	Full	No coverage	SE62NW

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

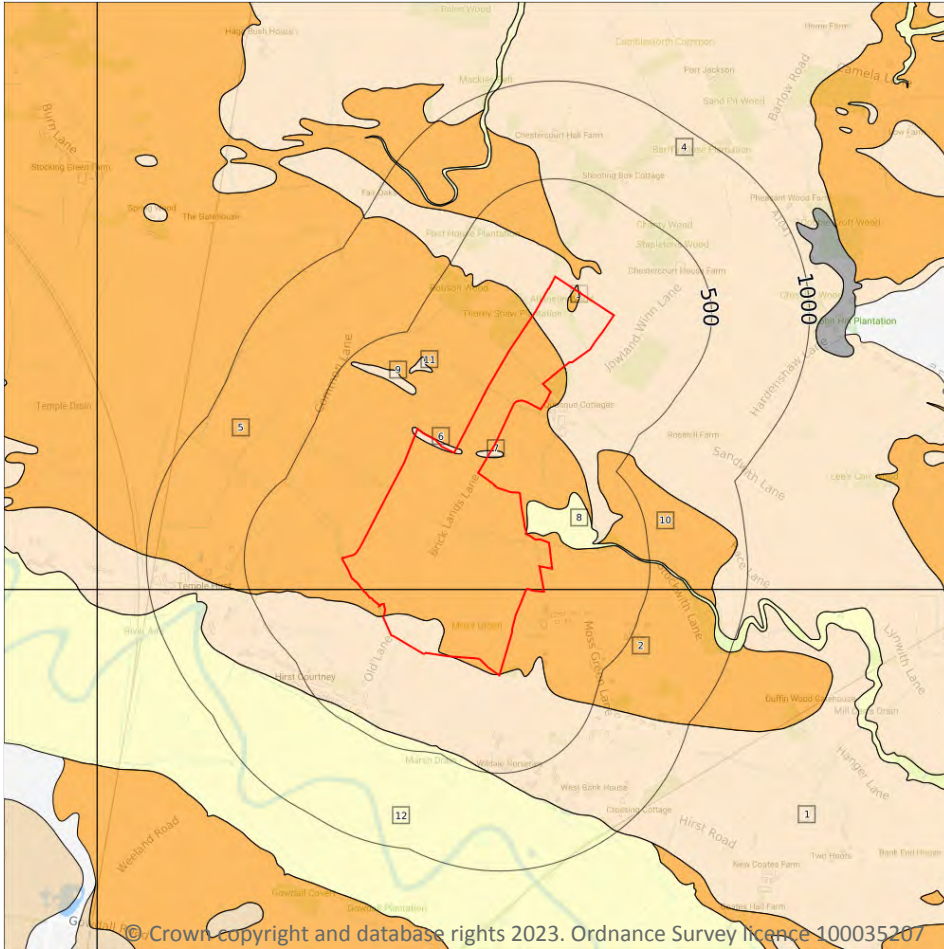
0

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

12

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 92](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	Brighton Sand Formation - Sand	Sand
2	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
3	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
4	On site	BREI-S	Brighton Sand Formation - Sand	Sand

ID	Location	LEX Code	Description	Rock description
5	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
6	On site	BREI-S	Breighton Sand Formation - Sand	Sand
7	On site	BREI-S	Breighton Sand Formation - Sand	Sand
8	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
9	178m NW	BREI-S	Breighton Sand Formation - Sand	Sand
10	246m E	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
11	287m NW	BREI-S	Breighton Sand Formation - Sand	Sand
12	433m S	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

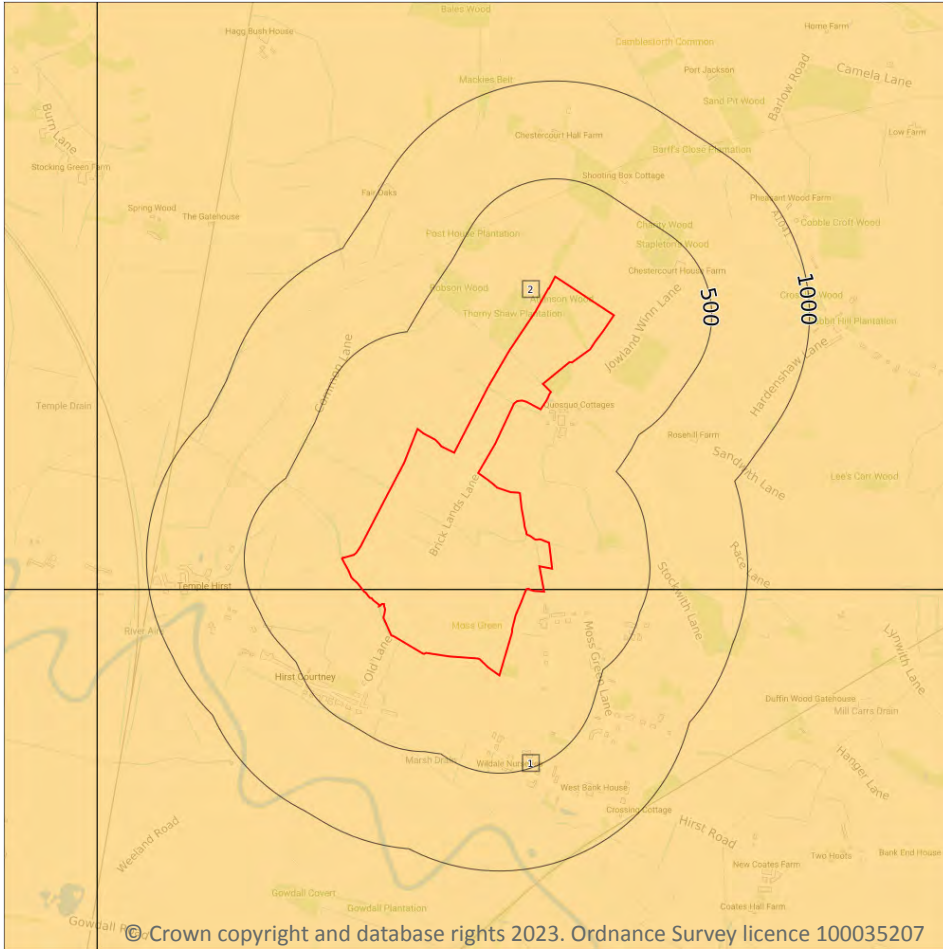
0

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

2

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 94](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]
2	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

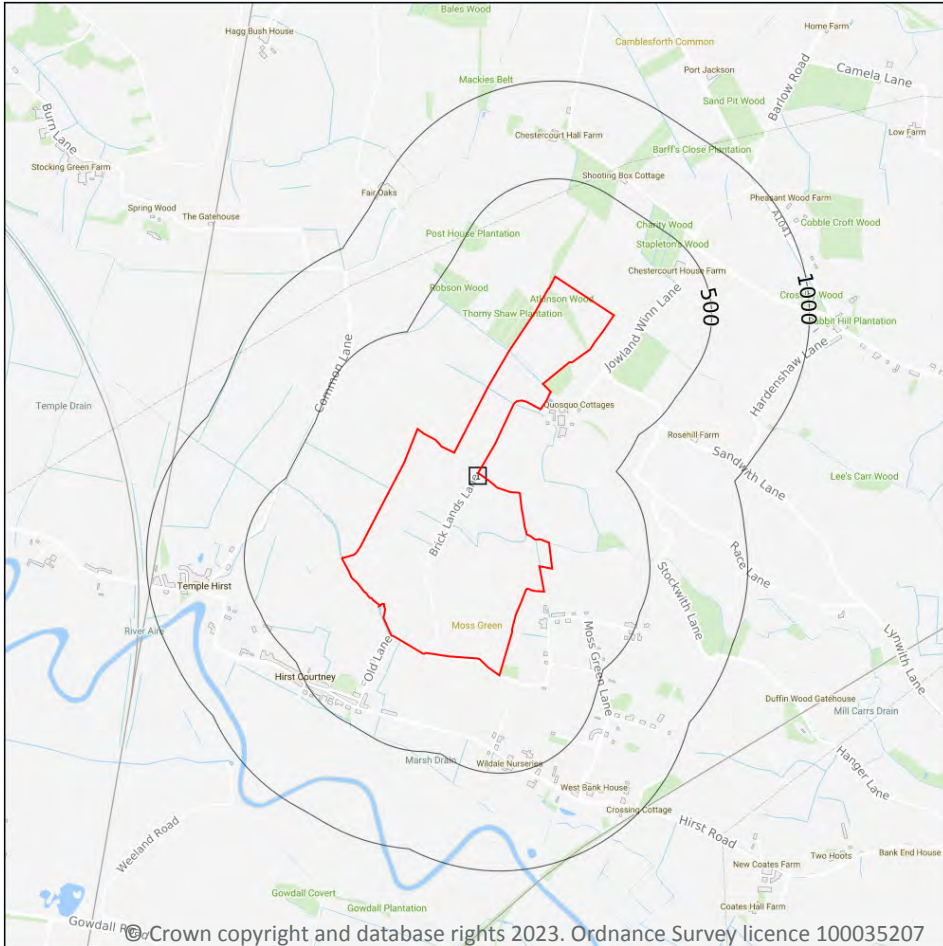
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— 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 96](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_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

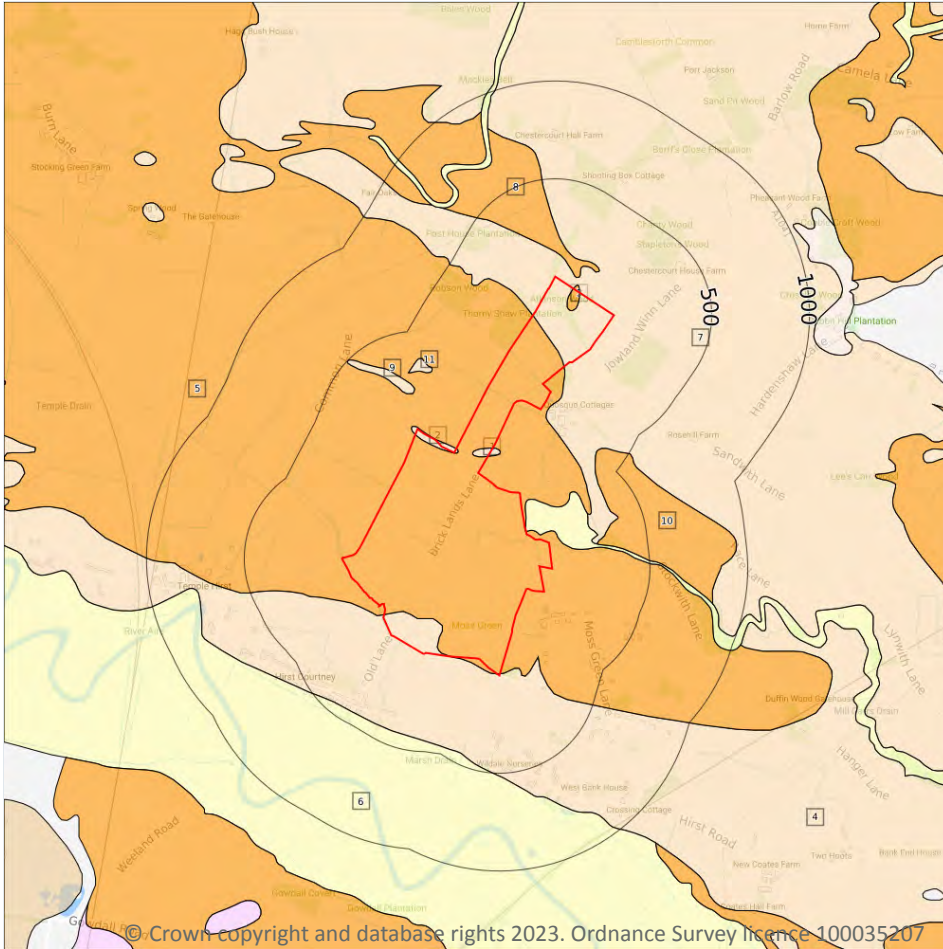
0


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

11

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 98](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	BRIGHTON SAND FORMATION	SAND
2	On site	BREI-S	BRIGHTON SAND FORMATION	SAND
3	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
4	On site	BREI-S	BRIGHTON SAND FORMATION	SAND

ID	Location	LEX Code	Description	Rock description
5	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
6	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
7	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
8	56m NE	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
9	183m NW	BREI-S	BREIGHTON SAND FORMATION	SAND
10	242m E	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
11	290m NW	BREI-S	BREIGHTON SAND FORMATION	SAND

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	8
---------------------------	----------

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	High	High
On site	Intergranular	High	High
On site	Intergranular	High	High
On site	Intergranular	High	High
On site	Mixed	Low	Very Low
On site	Mixed	Low	Very Low
On site	Mixed	Low	Very Low

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

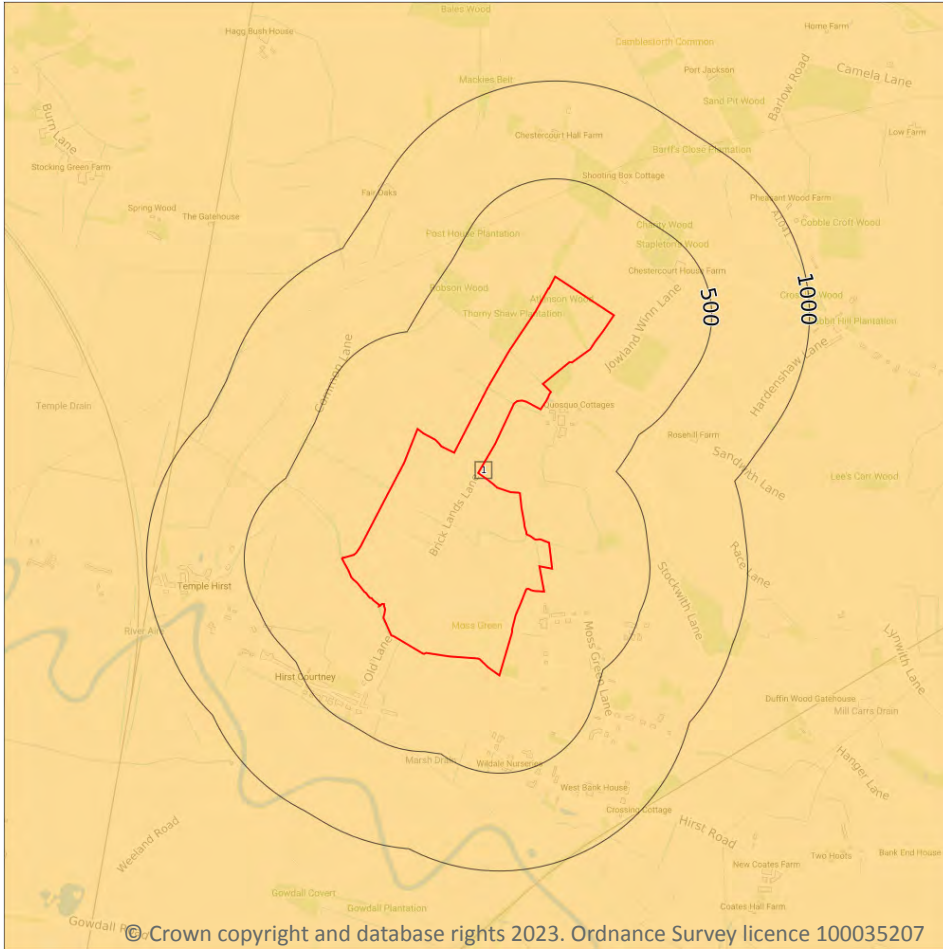
0

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

1

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 101](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	2
---------------------------	----------

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	High	High
On site	Mixed	High	High

This data is sourced from the British Geological Survey.

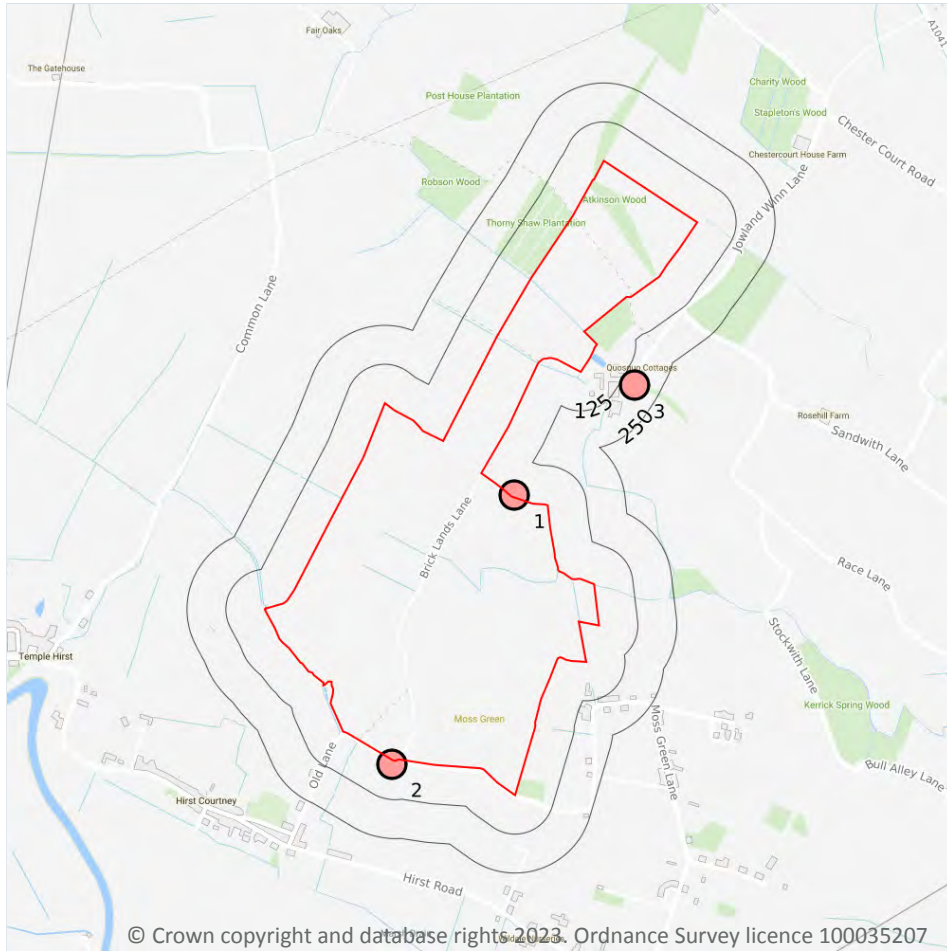
15.10 Bedrock faults and other linear features (50k)

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

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

This data is sourced from the British Geological Survey.

16 Boreholes



16.1 BGS Boreholes

Records within 250m

3

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 103](#) >

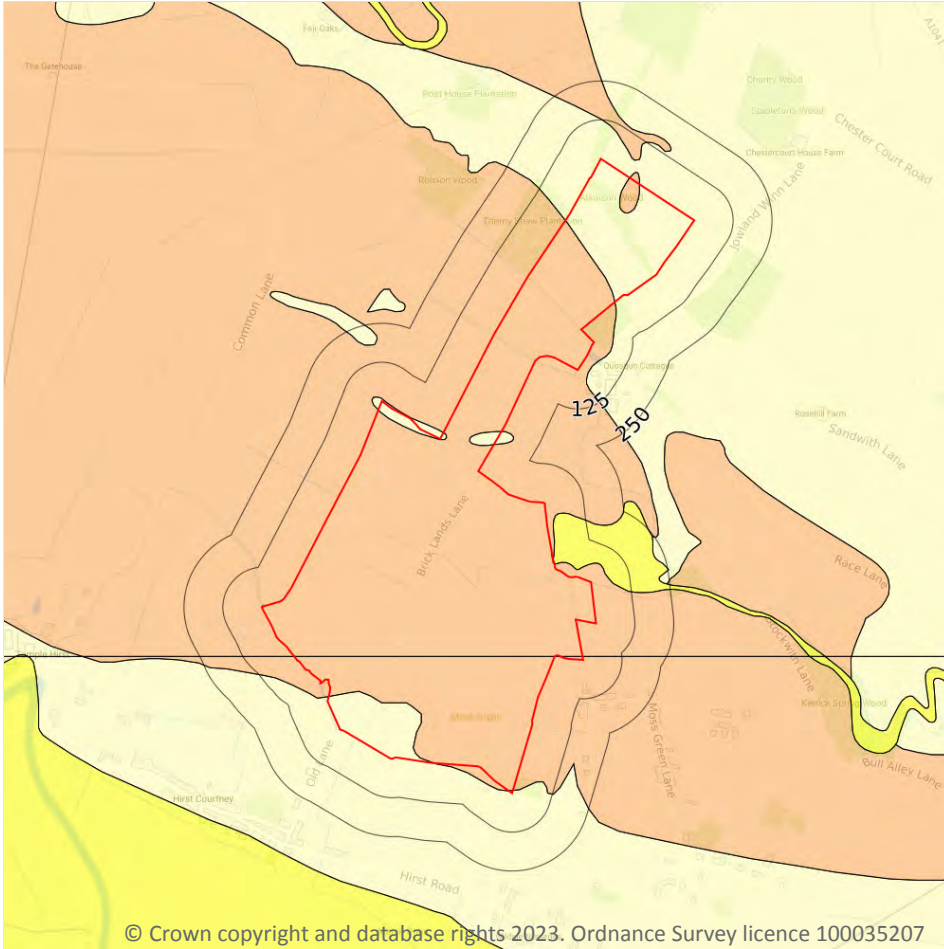
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	6m NE	462055 425524	QUOSQUP 2 ABH BRICKLANDS LANE HIRST COURTNEY	110.0	N	20694409 ↗
2	13m S	461660 424660	MOSS GREEN 1	120.0	N	606235 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
3	167m NE	462440 425879	QUASQUE HOUSE FARM, CARLTON, NR. SELBY	35.05	N	121485 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m

3

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).

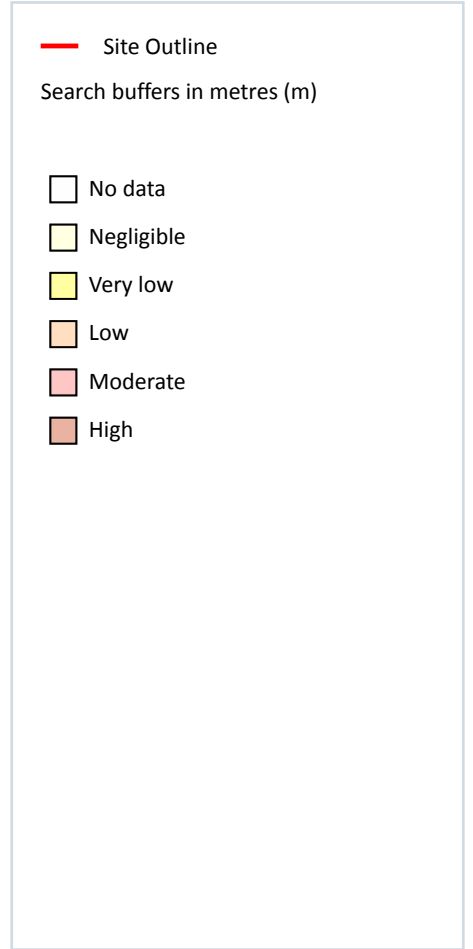
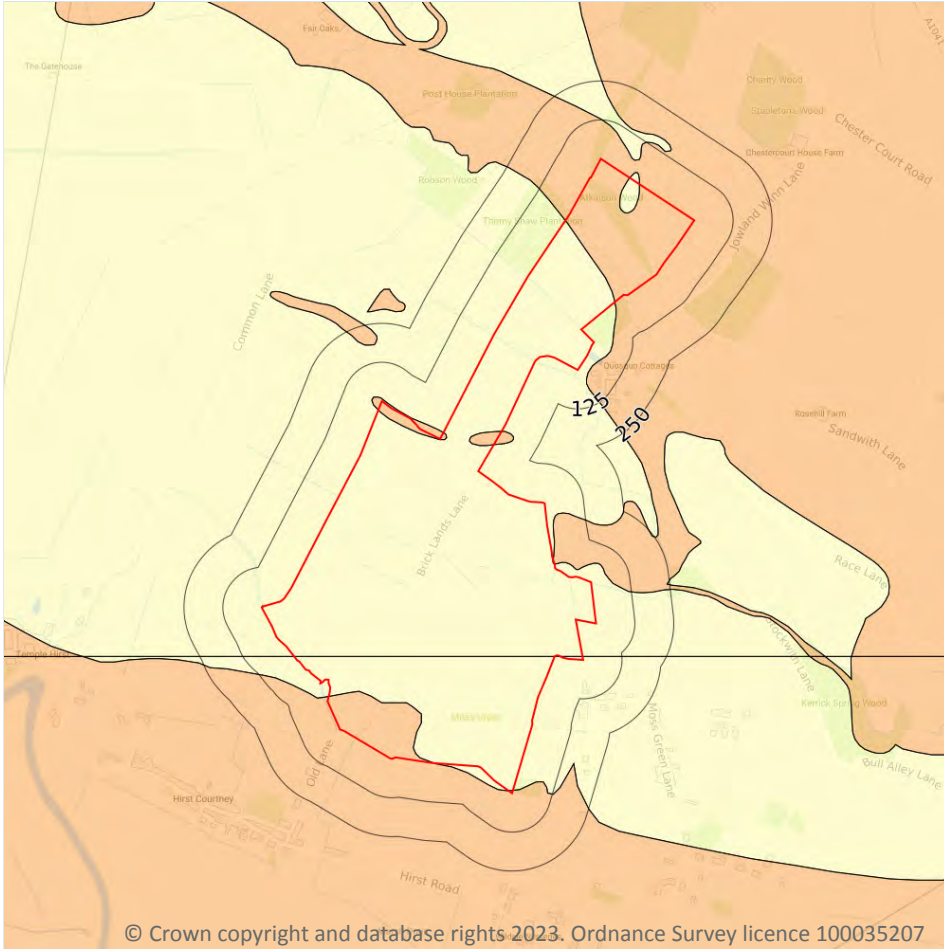
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 105 >](#)

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.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

2

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 107 >](#)

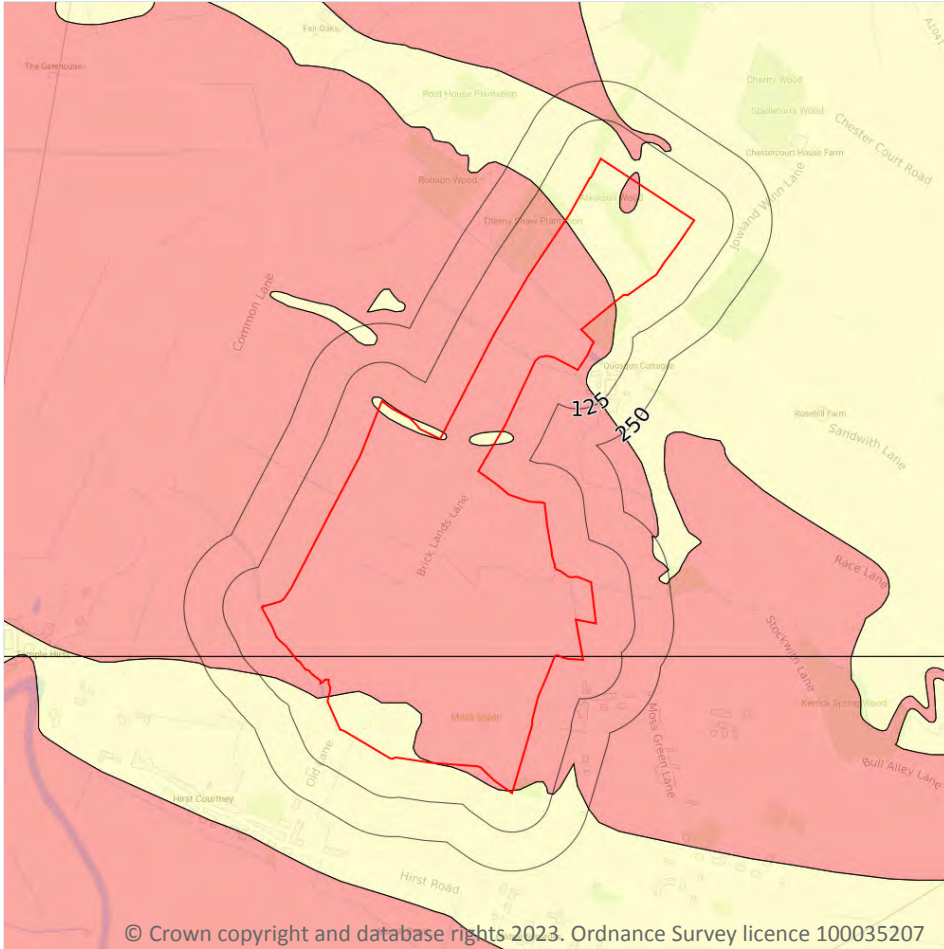
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



— Site Outline
 Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m

2

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.

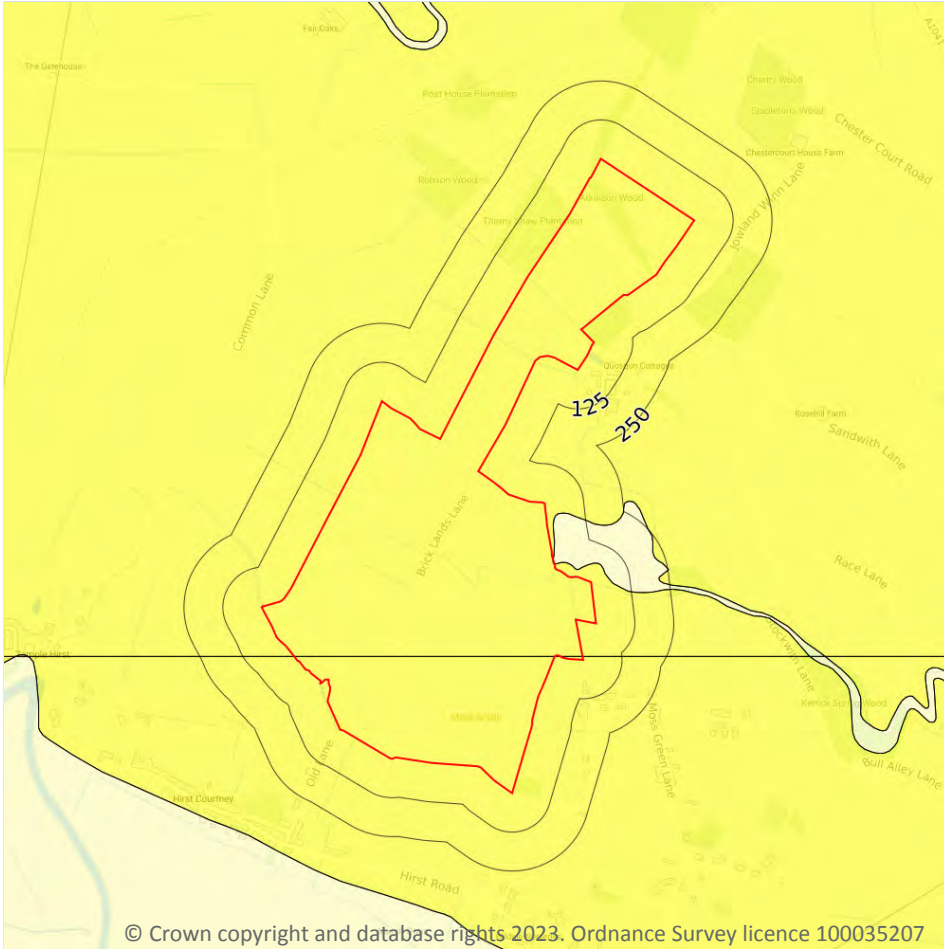
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 109](#) >

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.

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

2

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.

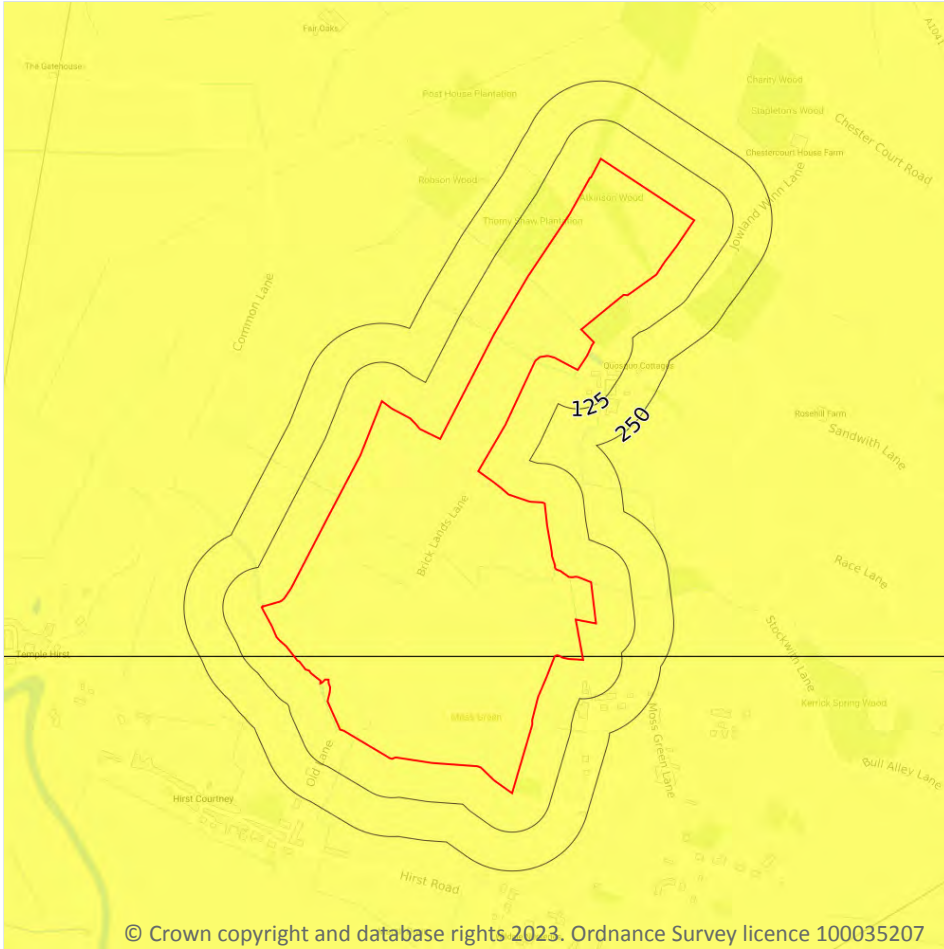
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 111](#) >

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

1

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.

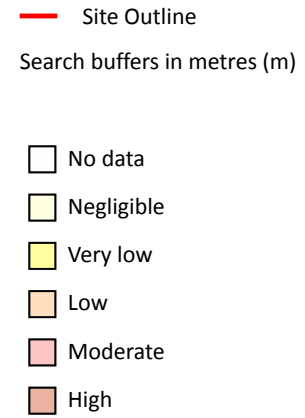
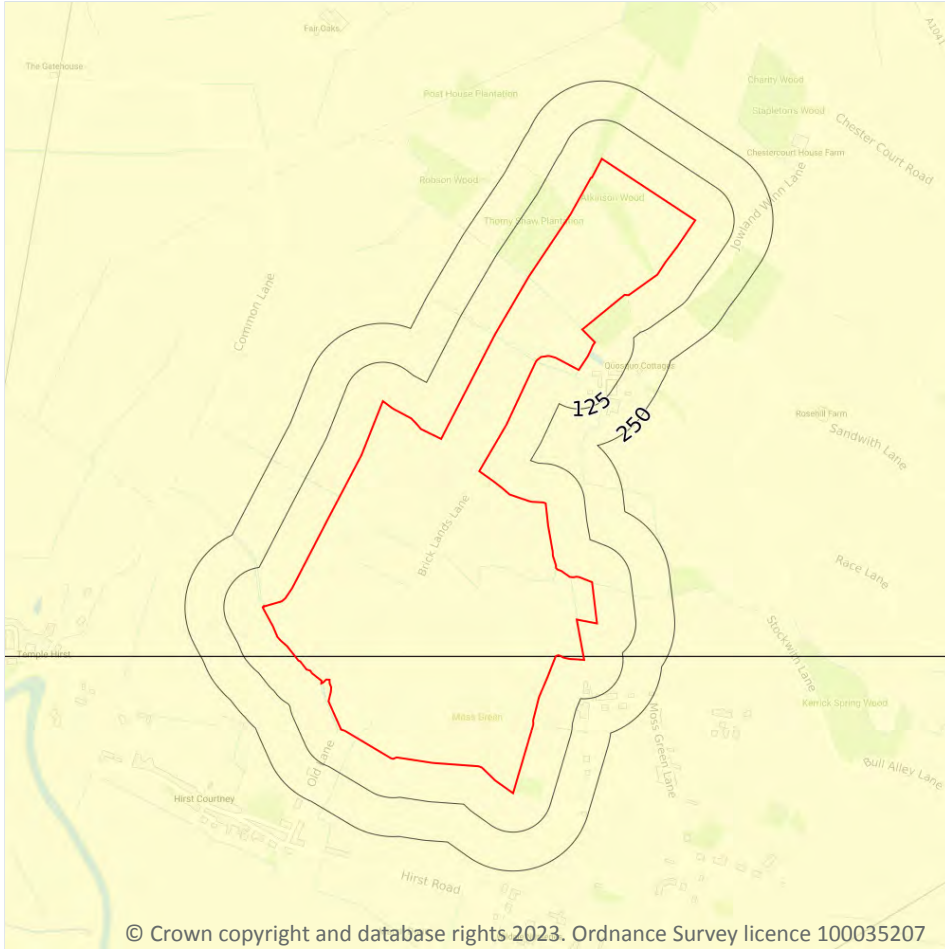
Features are displayed on the Natural ground subsidence - Landslides map on [page 112](#) >

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.

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.

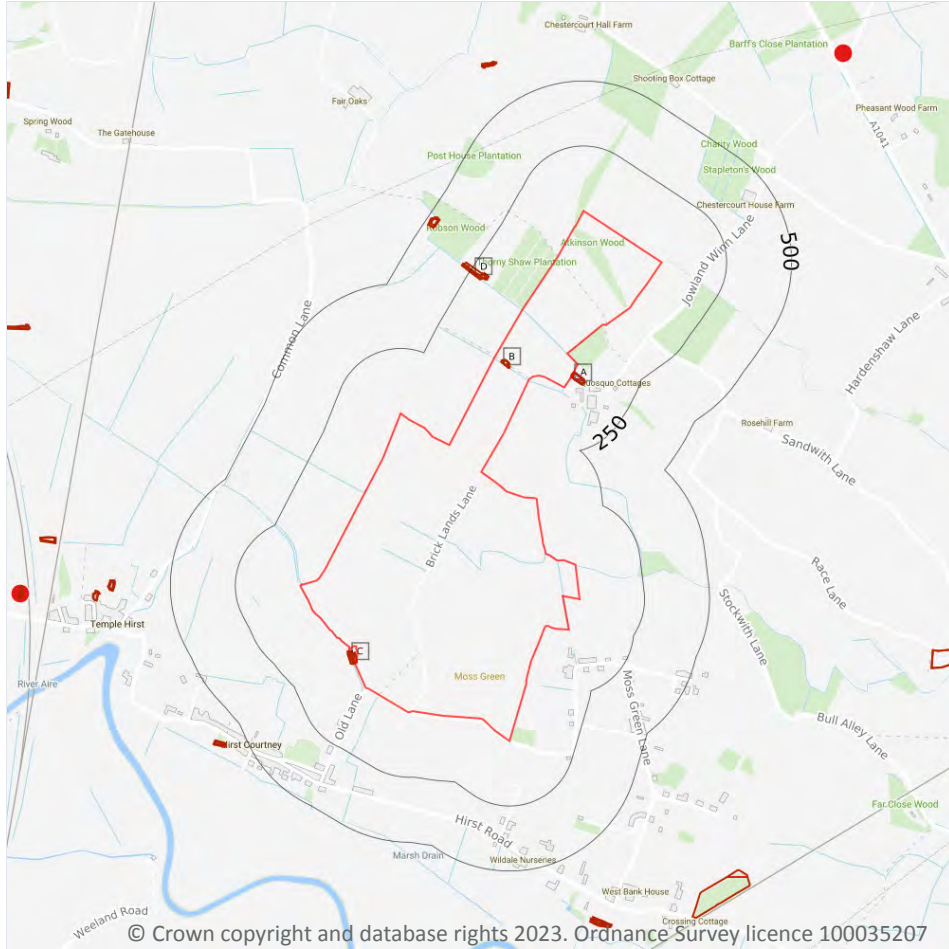
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 113](#) >

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, ground workings and natural cavities



18.1 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.

18.2 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.

18.3 Surface ground workings

Records within 250m

14

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

Features are displayed on the Mining, ground workings and natural cavities map on [page 115 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Pond	1950	1:10560
A	On site	Pond	1908	1:10560
B	On site	Pond	1950	1:10560
B	On site	Pond	1908	1:10560
B	On site	Pond	1950	1:10560
C	On site	Ponds	1950	1:10560
C	1m SW	Ponds	1950	1:10560
A	2m NE	Pond	1973	1:10000
A	2m NE	Pond	1950	1:10560
C	7m SW	Pond	1983	1:10000
C	7m SW	Pond	1973	1:10000
D	177m N	Pond	1973	1:10000
D	182m N	Ponds	1908	1:10560
D	182m N	Ponds	1950	1:10560

This is data is sourced from Ordnance Survey/Groundsure.



18.4 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 is data is sourced from Ordnance Survey/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

0

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).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous 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.

18.8 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.



18.9 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.

18.10 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.

18.11 Gypsum areas

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

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

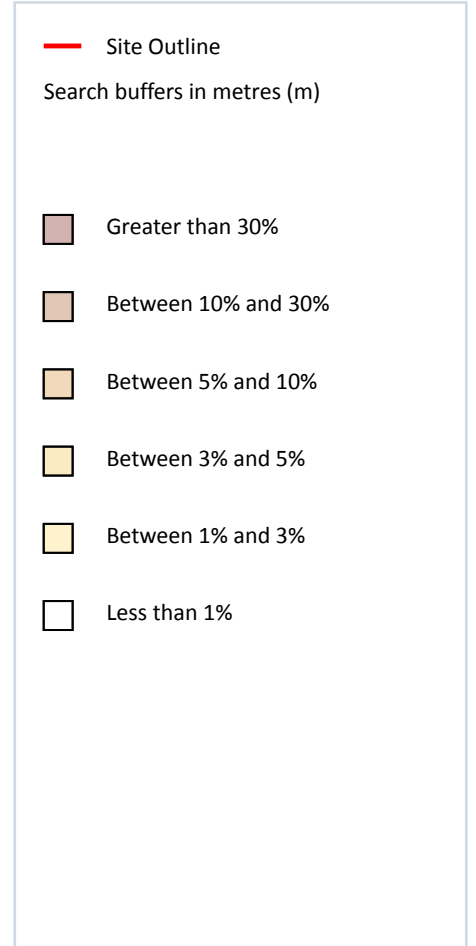
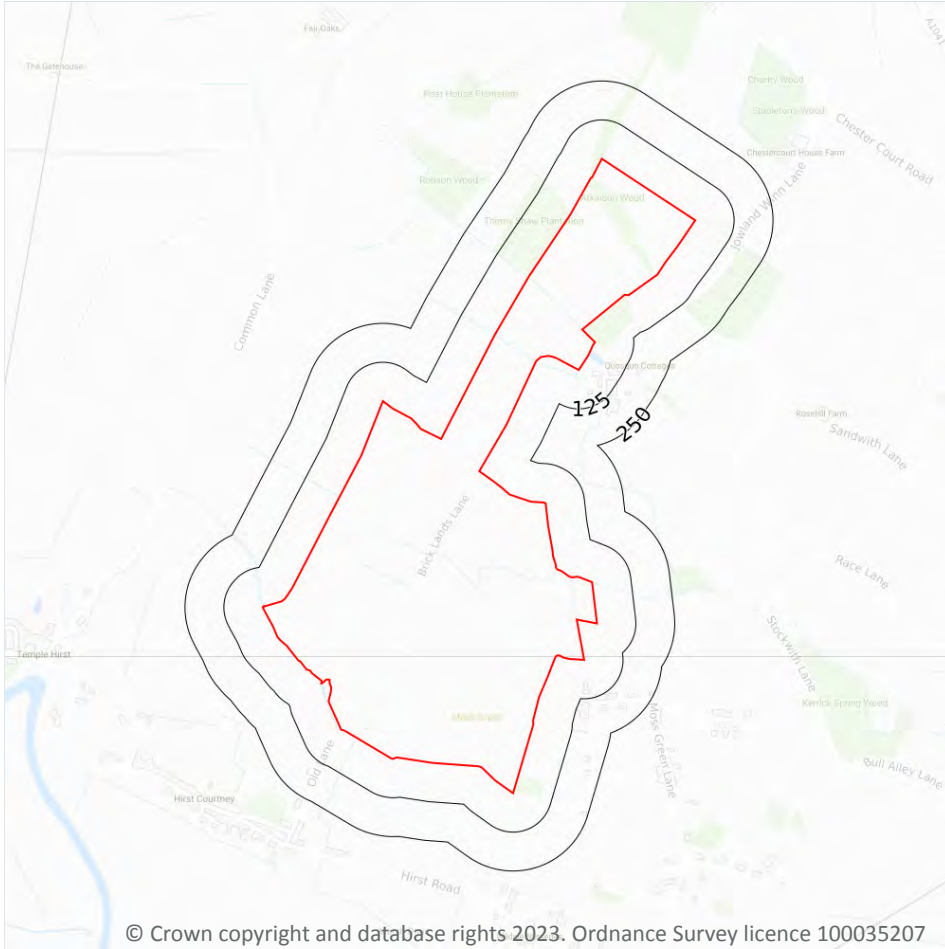
18.13 Clay mining

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 Radon



19.1 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 119 >](#)

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.



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

30

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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
4m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
32m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

20.2 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.

20.3 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.



21 Railway infrastructure and projects

21.1 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.

21.2 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.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

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.

21.5 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.

21.6 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.

21.7 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.

21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

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.

21.10 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

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

Terms and conditions

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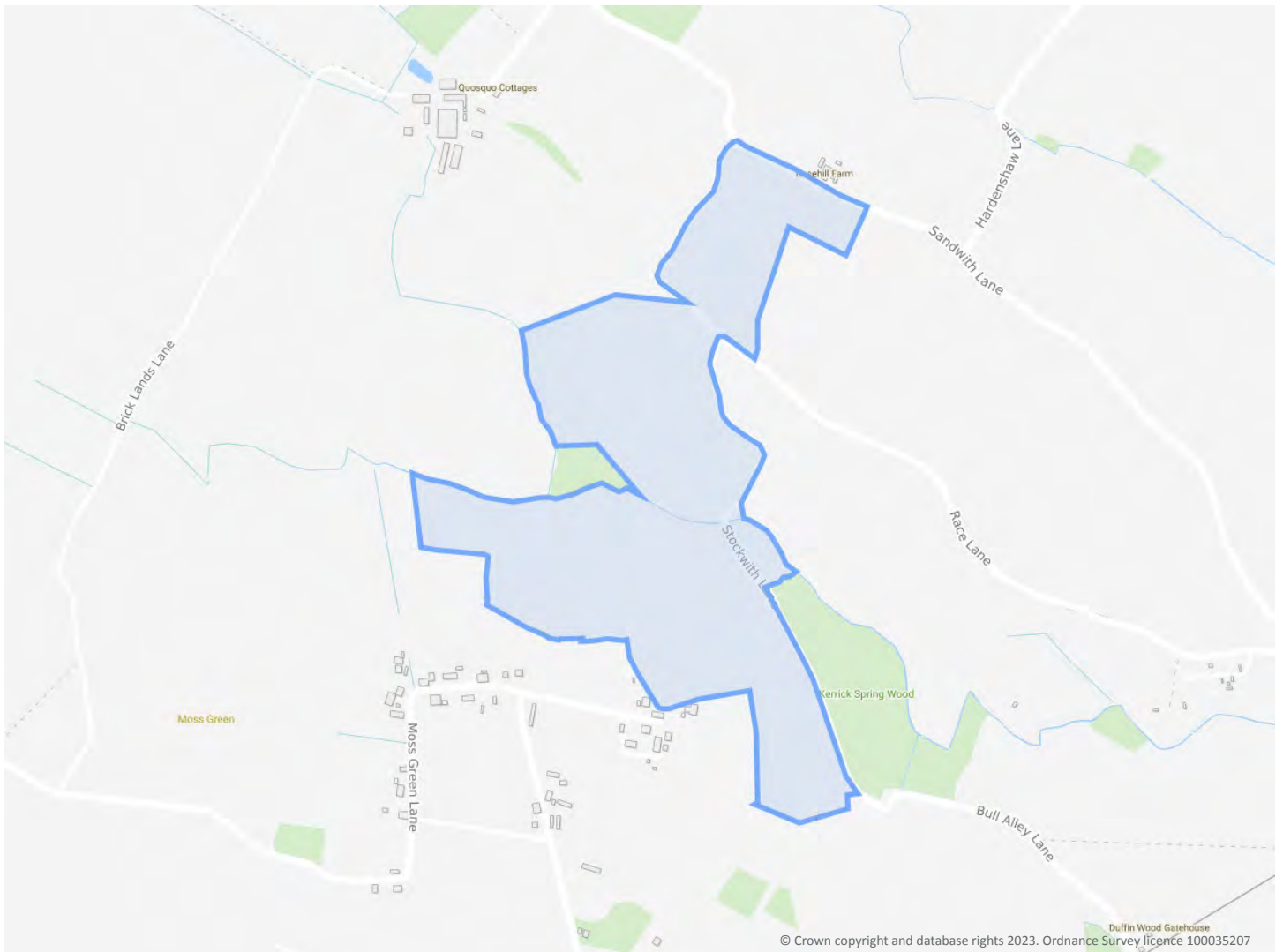
SHELTER 22M FROM COMUS INN, SELBY ROAD 6M FROM A1041, SELBY ROAD, CAMBLESFORTH, YO8 8HR

Order Details

Date: 02/05/2023
Your ref: Camblesforth
Our Ref: GSIP-2023-13637-13821_G

Site Details

Location: 462766 425212
Area: 37.62 ha
Authority: [The North Yorkshire Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 8 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
13 >	1.1 >	Historical industrial land uses >	0	0	0	0	-
13 >	1.2 >	Historical tanks >	0	0	0	0	-
13 >	1.3 >	Historical energy features >	0	0	0	0	-
14 >	1.4 >	Historical petrol stations >	0	0	0	0	-
14 >	1.5 >	Historical garages >	0	0	0	0	-
14 >	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
15 >	2.1 >	Historical industrial land uses >	0	0	0	0	-
15 >	2.2 >	Historical tanks >	0	0	0	0	-
15 >	2.3 >	Historical energy features >	0	0	0	0	-
15 >	2.4 >	Historical petrol stations >	0	0	0	0	-
16 >	2.5 >	Historical garages >	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
17 >	3.1 >	Active or recent landfill >	0	0	0	0	-
17 >	3.2 >	Historical landfill (BGS records) >	0	0	0	0	-
18 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	0	-
18 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	0	-
18 >	3.5 >	Historical waste sites >	0	0	0	0	-
18 >	3.6 >	Licensed waste sites >	0	0	0	0	-
18 >	3.7 >	Waste exemptions >	0	6	13	39	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
24 >	4.1 >	Recent industrial land uses >	0	0	1	-	-
25 >	4.2 >	Current or recent petrol stations >	0	0	0	0	-
25 >	4.3 >	Electricity cables >	0	0	0	0	-
25 >	4.4 >	Gas pipelines >	1	0	0	0	-
25 >	4.5 >	Sites determined as Contaminated Land >	0	0	0	0	-



26 >	4.6 >	Control of Major Accident Hazards (COMAH) >	0	0	0	0	-
26 >	4.7 >	Regulated explosive sites >	0	0	0	0	-
26 >	4.8 >	Hazardous substance storage/usage >	0	0	0	0	-
26 >	4.9 >	Historical licensed industrial activities (IPC) >	0	0	0	0	-
26 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	0	0	0	-
27 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	0	0	-
27 >	4.12 >	Radioactive Substance Authorisations >	0	0	0	0	-
27 >	4.13 >	Licensed Discharges to controlled waters >	0	0	0	0	-
27 >	4.14 >	Pollutant release to surface waters (Red List) >	0	0	0	0	-
27 >	4.15 >	Pollutant release to public sewer >	0	0	0	0	-
28 >	4.16 >	List 1 Dangerous Substances >	0	0	0	0	-
28 >	4.17 >	List 2 Dangerous Substances >	0	0	0	0	-
28 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	0	0	-
28 >	4.19 >	Pollution inventory substances >	0	0	0	0	-
28 >	4.20 >	Pollution inventory waste transfers >	0	0	0	0	-
29 >	4.21 >	Pollution inventory radioactive waste >	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
30 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
32 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
34 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
36 >	5.4 >	Groundwater vulnerability- soluble rock risk >	None (within 0m)				
36 >	5.5 >	Groundwater vulnerability- local information >	None (within 0m)				
38 >	5.6 >	Groundwater abstractions >	0	0	0	2	35
48 >	5.7 >	Surface water abstractions >	0	0	0	0	9
50 >	5.8 >	Potable abstractions >	0	0	0	0	10
53 >	5.9 >	Source Protection Zones >	1	0	0	1	-
53 >	5.10 >	Source Protection Zones (confined aquifer) >	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
54 >	6.1 >	Water Network (OS MasterMap) >	5	0	10	-	-



56 >	6.2 >	Surface water features >	1	1	8	-	-
56 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
56 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
57 >	6.5 >	WFD Groundwater bodies >	2	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
58 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
59 >	7.2 >	Historical Flood Events >	0	0	1	-	-
59 >	7.3 >	Flood Defences >	0	0	0	-	-
59 >	7.4 >	Areas Benefiting from Flood Defences >	2	0	2	-	-
60 >	7.5 >	Flood Storage Areas >	0	0	0	-	-
61 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
62 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
63 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
65 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	0
67 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	0
67 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	0
67 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	0	0
67 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	0
68 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	0
68 >	10.7 >	Designated Ancient Woodland >	1	0	0	0	0
68 >	10.8 >	Biosphere Reserves >	0	0	0	0	0
68 >	10.9 >	Forest Parks >	0	0	0	0	0
69 >	10.10 >	Marine Conservation Zones >	0	0	0	0	0
69 >	10.11 >	Green Belt >	0	0	0	0	0
69 >	10.12 >	Proposed Ramsar sites >	0	0	0	0	0



69 >	10.13 >	Possible Special Areas of Conservation (pSAC) >	0	0	0	0	0
69 >	10.14 >	Potential Special Protection Areas (pSPA) >	0	0	0	0	0
70 >	10.15 >	Nitrate Sensitive Areas >	0	0	1	0	0
70 >	10.16 >	Nitrate Vulnerable Zones >	1	0	1	0	2
71 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
72 >	10.18 >	SSSI Units >	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
73 >	11.1 >	World Heritage Sites >	0	0	0	-	-
73 >	11.2 >	Area of Outstanding Natural Beauty >	0	0	0	-	-
73 >	11.3 >	National Parks >	0	0	0	-	-
73 >	11.4 >	Listed Buildings >	0	0	0	-	-
74 >	11.5 >	Conservation Areas >	0	0	0	-	-
74 >	11.6 >	Scheduled Ancient Monuments >	0	0	0	-	-
74 >	11.7 >	Registered Parks and Gardens >	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
75 >	12.1 >	Agricultural Land Classification >	Grade 2 (within 250m)				
76 >	12.2 >	Open Access Land >	0	0	0	-	-
76 >	12.3 >	Tree Felling Licences >	0	0	1	-	-
76 >	12.4 >	Environmental Stewardship Schemes >	0	0	0	-	-
77 >	12.5 >	Countryside Stewardship Schemes >	1	0	4	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	13.1 >	Priority Habitat Inventory >	2	0	1	-	-
79 >	13.2 >	Habitat Networks >	0	0	0	-	-
79 >	13.3 >	Open Mosaic Habitat >	0	0	0	-	-
79 >	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
80 >	14.1 >	10k Availability >	Identified (within 500m)				
81 >	14.2 >	Artificial and made ground (10k) >	0	0	0	0	-
82 >	14.3 >	Superficial geology (10k) >	5	0	4	1	-

83 >	14.4 >	Landslip (10k) >	0	0	0	0	-
84 >	14.5 >	Bedrock geology (10k) >	2	0	0	0	-
85 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
86 >	15.1 >	50k Availability >	Identified (within 500m)				
87 >	15.2 >	Artificial and made ground (50k) >	0	0	0	0	-
87 >	15.3 >	Artificial ground permeability (50k) >	0	0	-	-	-
88 >	15.4 >	Superficial geology (50k) >	4	0	1	1	-
89 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
89 >	15.6 >	Landslip (50k) >	0	0	0	0	-
89 >	15.7 >	Landslip permeability (50k) >	None (within 50m)				
90 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
91 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
91 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
92 >	16.1 >	BGS Boreholes >	0	1	1	-	-
Page	Section	Natural ground subsidence >					
93 >	17.1 >	Shrink swell clays >	Low (within 50m)				
95 >	17.2 >	Running sands >	Low (within 50m)				
97 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
99 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
101 >	17.5 >	Landslides >	Very low (within 50m)				
102 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities >	On site	0-50m	50-250m	250-500m	500-2000m
104 >	18.1 >	Natural cavities >	0	0	0	0	-
104 >	18.2 >	BritPits >	0	0	0	0	-
104 >	18.3 >	Surface ground workings >	0	0	0	-	-
104 >	18.4 >	Underground workings >	0	0	0	0	0
105 >	18.5 >	Historical Mineral Planning Areas >	0	0	0	0	-



105 >	18.6 >	Non-coal mining >	0	0	0	0	0
105 >	18.7 >	Mining cavities >	0	0	0	0	0
105 >	18.8 >	JPB mining areas >	None (within 0m)				
105 >	18.9 >	Coal mining >	None (within 0m)				
106 >	18.10 >	Brine areas >	None (within 0m)				
106 >	18.11 >	Gypsum areas >	None (within 0m)				
106 >	18.12 >	Tin mining >	None (within 0m)				
106 >	18.13 >	Clay mining >	None (within 0m)				
Page	Section	Radon >					
107 >	19.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
109 >	20.1 >	BGS Estimated Background Soil Chemistry >	15	10	-	-	-
110 >	20.2 >	BGS Estimated Urban Soil Chemistry >	0	0	-	-	-
110 >	20.3 >	BGS Measured Urban Soil Chemistry >	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
111 >	21.1 >	Underground railways (London) >	0	0	0	-	-
111 >	21.2 >	Underground railways (Non-London) >	0	0	0	-	-
111 >	21.3 >	Railway tunnels >	0	0	0	-	-
111 >	21.4 >	Historical railway and tunnel features >	0	0	0	-	-
111 >	21.5 >	Royal Mail tunnels >	0	0	0	-	-
112 >	21.6 >	Historical railways >	0	0	0	-	-
112 >	21.7 >	Railways >	0	0	0	-	-
112 >	21.8 >	Crossrail 1 >	0	0	0	0	-
112 >	21.9 >	Crossrail 2 >	0	0	0	0	-
112 >	21.10 >	HS2 >	0	0	0	0	-

Recent aerial photograph



Capture Date: 24/06/2020

Site Area: 37.62ha



Recent site history - 2017 aerial photograph



Capture Date: 19/09/2017

Site Area: 37.62ha



Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 37.62ha



Recent site history - 2007 aerial photograph



Capture Date: 24/08/2007

Site Area: 37.62ha



Recent site history - 1999 aerial photograph



Capture Date: 18/05/1999

Site Area: 37.62ha



1 Past land use

1.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

0

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 un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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 un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

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'.

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

2.1 Historical industrial land uses

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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'.

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

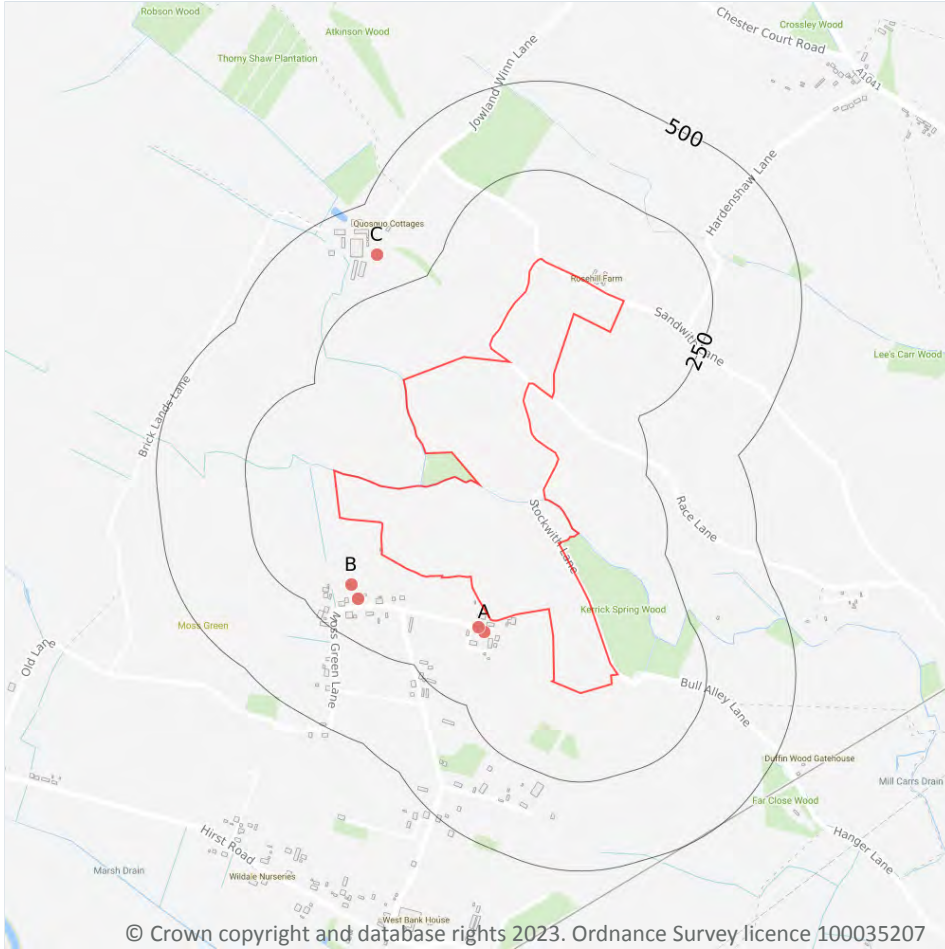
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- 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

0

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

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

3.6 Licensed waste sites

Records within 500m

0

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

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

3.7 Waste exemptions

Records within 500m

58

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 17 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	40m S	24, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX017612	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	40m S	24, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX017612	Disposing of waste exemption	Not on a farm	Burning waste in the open
A	40m S	24, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX017612	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	41m S	23/24 west bank carlton dn14 9pz	EPR/AE5656D W/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	41m S	23/24 west bank carlton dn14 9pz	EPR/AE5656D W/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
A	41m S	23/24 west bank carlton dn14 9pz	EPR/AE5656D W/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
B	122m SW	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
B	122m SW	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
B	122m SW	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Using waste exemption	Agricultural Waste Only	Use of mulch
B	122m SW	31 West Bank GOOLE North Humberside DN14 9PZ	EPR/RF0431KJ /A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Storing waste exemption	On a Farm	Storage of waste in a secure place
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Using waste exemption	On a Farm	Spreading waste on non-agricultural land to confer benefit
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX209172	Disposing of waste exemption	On a Farm	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX116728	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Disposing of waste exemption	On a farm	Burning waste in the open
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Storing waste exemption	On a farm	Storage of waste in a secure place
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	142m SW	31, WEST BANK, CARLTON, GOOLE, DN14 9PZ	WEX060755	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Use of waste in construction
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Use of waste for a specified purpose
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Use of mulch
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Treating waste exemption	On a Farm	Preparatory treatments (baling, sorting, shredding etc)
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Treating waste exemption	On a Farm	Crushing and emptying waste vehicle oil filters
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters



ID	Location	Site	Reference	Category	Sub-Category	Description
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Disposing of waste exemption	On a Farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Disposing of waste exemption	On a Farm	Burning waste in the open
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Storing waste exemption	On a Farm	Storage of waste in secure containers
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX309641	Storing waste exemption	On a Farm	Storage of waste in a secure place
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Storing waste exemption	On a farm	Storage of waste in a secure place
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Use of waste for a specified purpose
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Storing waste exemption	On a farm	Storage of waste in secure containers
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Use of waste in construction
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Using waste exemption	On a farm	Use of mulch
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Disposing of waste exemption	On a farm	Burning waste in the open
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX178756	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Disposing of waste exemption	On a farm	Burning waste in the open
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Storing waste exemption	On a farm	Storage of waste in secure containers
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Storing waste exemption	On a farm	Storage of waste in a secure place
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Use of waste in construction

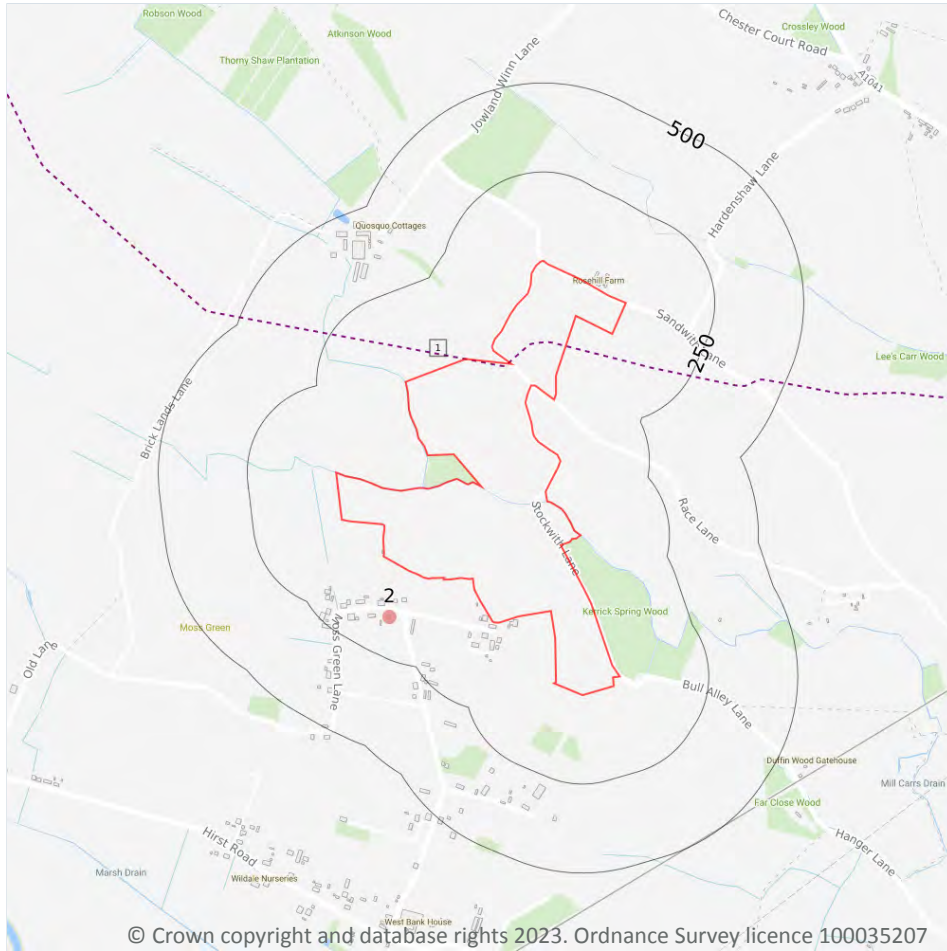


ID	Location	Site	Reference	Category	Sub-Category	Description
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Use of mulch
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
C	356m NW	QUOSQUO HALL, CAMBLESFORTH, SELBY, YO8 8JB	WEX018904	Using waste exemption	On a farm	Use of waste for a specified purpose

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
- Gas pipelines

4.1 Recent industrial land uses

Records within 250m

1

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 24](#) >

ID	Location	Company	Address	Activity	Category
2	140m SW	W S Bentley Growers Ltd	28a, Carlton, Selby, North Yorkshire, DN14 9PZ	Fruit, Flower and Vegetable Growers	Farming

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

1

High pressure underground gas transmission pipelines.

Features are displayed on the Current industrial land use map on [page 24 >](#)

ID	Location	Pipe Name	Details	
1	On site	ASSELBY TO PANNAL	Pipe Number: - Pipeline Safety Regulations Number: - Ownership: National Grid Maximum Operating Pressure (Bar): -	Pipeline Diameter (mm): 1200 Wall Thickness (mm): - Year of commission: Not specified Abandonment Status: Not abandoned

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 0

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

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m 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 0

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

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.15 Pollutant release to public sewer

Records within 500m 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

0

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

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

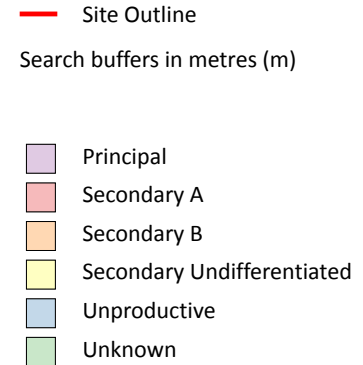
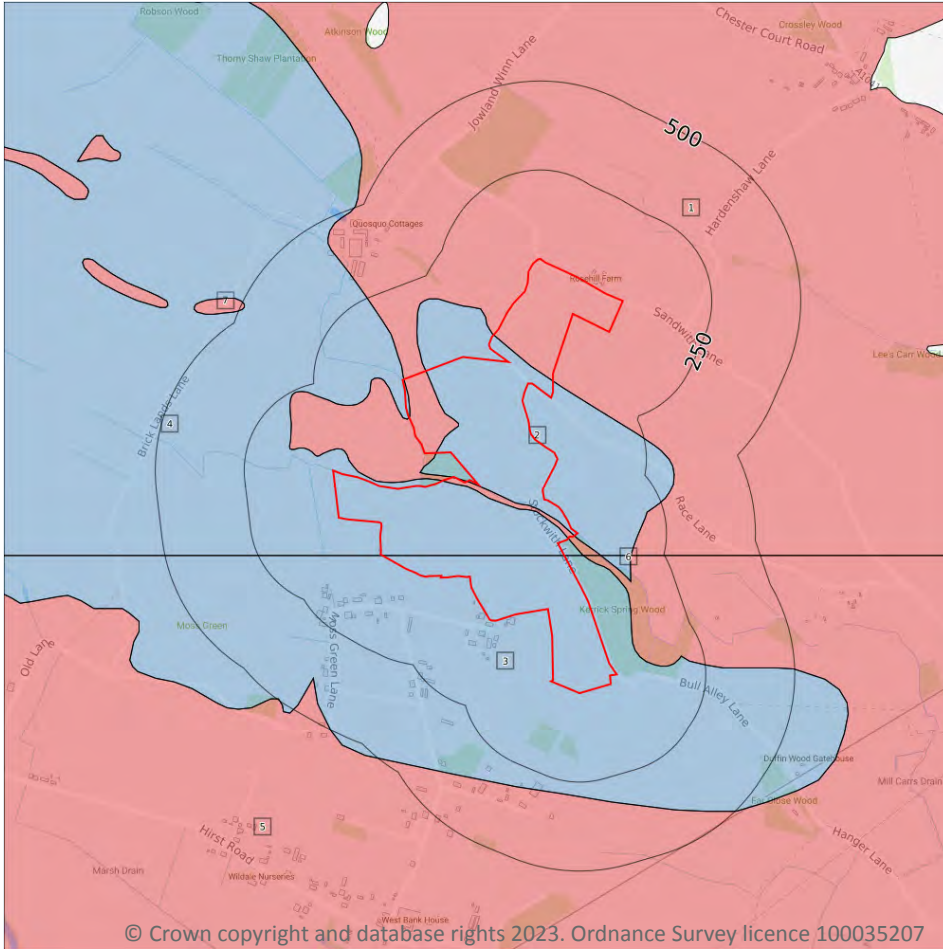
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

7

Aquifer status of groundwater held within superficial geology.

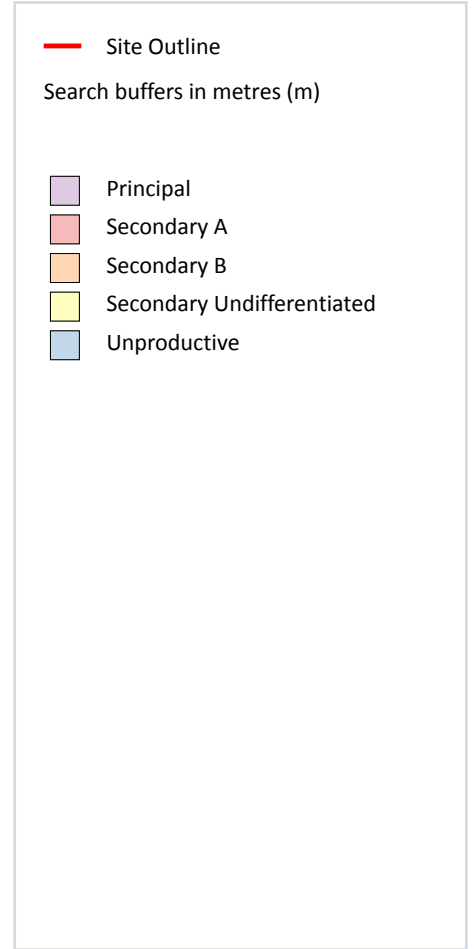
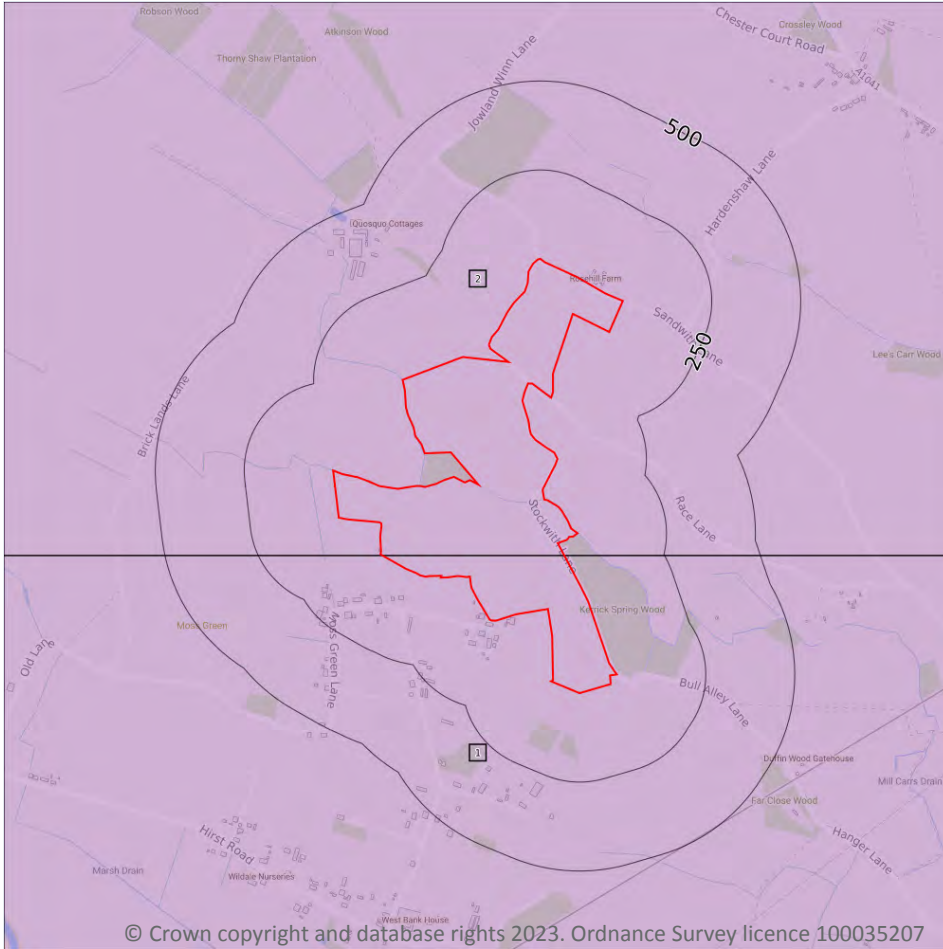
Features are displayed on the Hydrogeology map on [page 30](#) >

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

ID	Location	Designation	Description
3	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	47m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
6	91m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	489m 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.

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

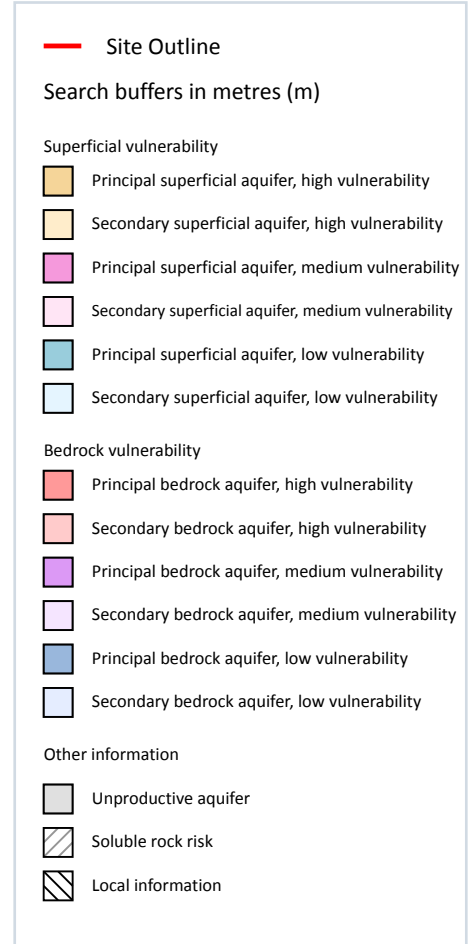
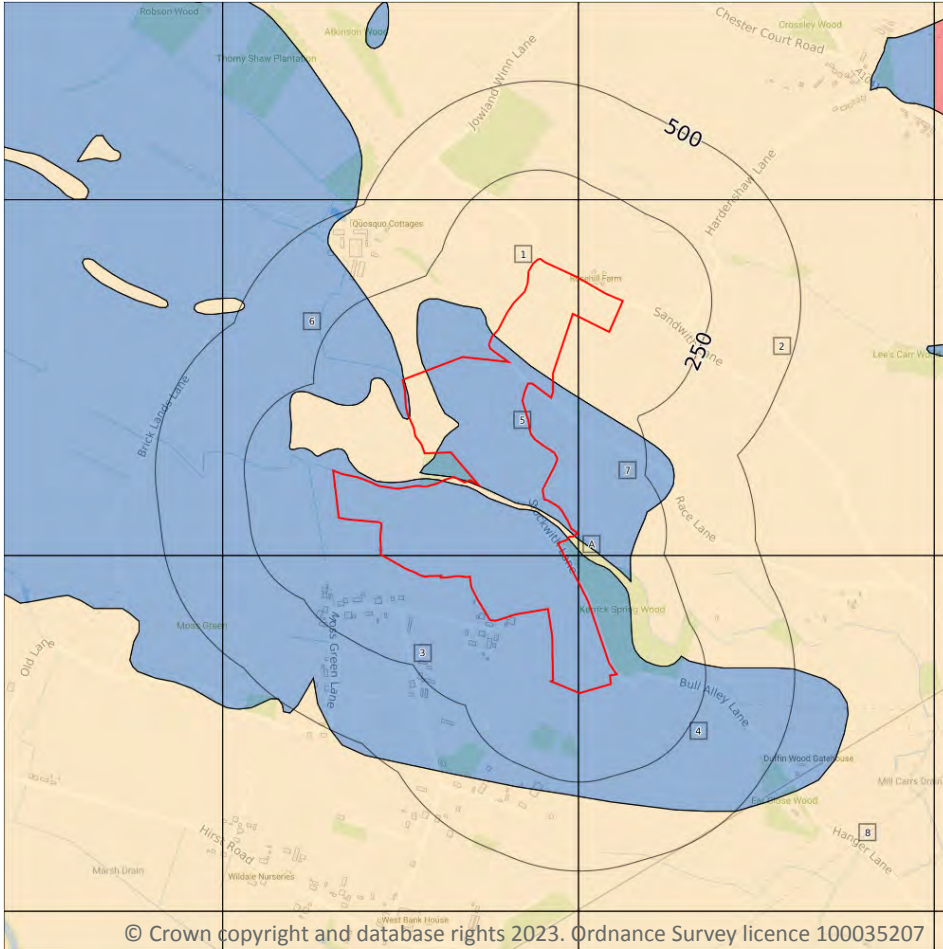
Features are displayed on the Bedrock aquifer map on [page 32](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major 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

10

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 34 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	2m SE	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
A	15m SE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
A	35m SE	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
8	47m SE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

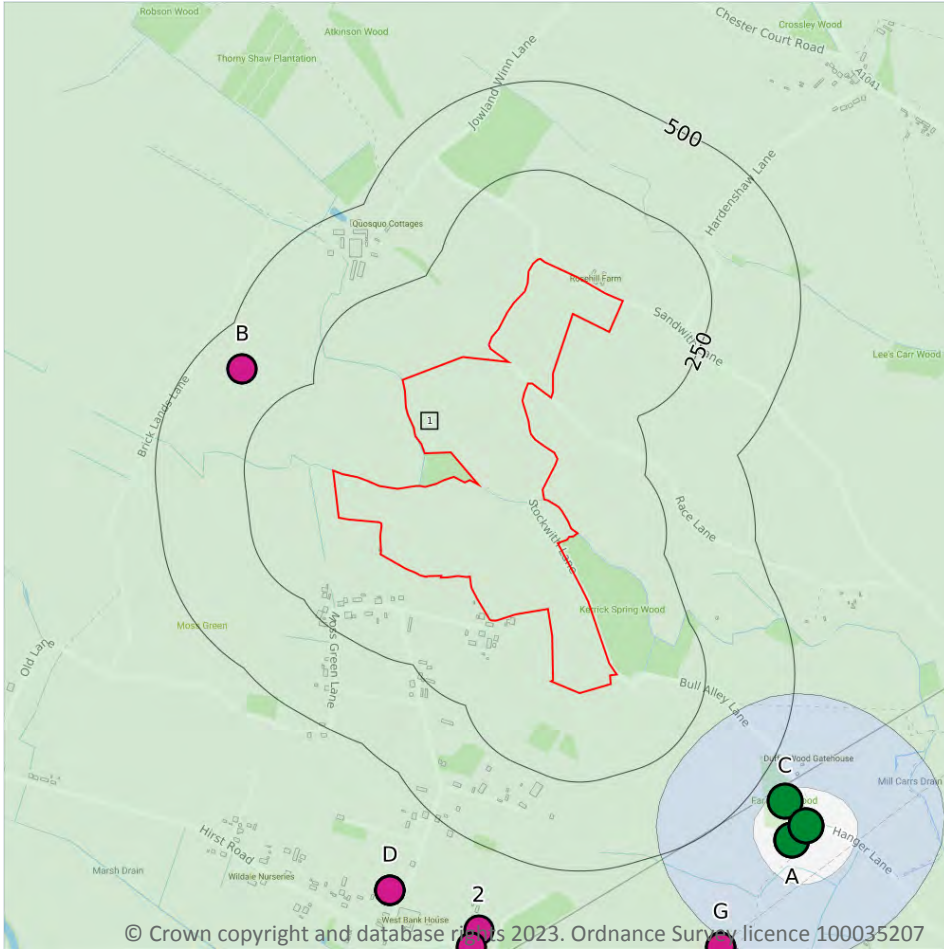
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 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



5.6 Groundwater abstractions

Records within 2000m

37

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 38](#) >

ID	Location	Details	
B	382m NW	Status: Active Licence No: NE/027/0018/033 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
B	382m NW	Status: Active Licence No: NE/027/0018/033 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE - QUOSQUO HALL, BRICKLANDS Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462055 Northing: 425524	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2800 Original Application No: NPS/NA/001837 Original Start Date: 01/08/2017 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
C	589m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(1)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
C	589m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (1) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -



ID	Location	Details	
C	589m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -



ID	Location	Details	
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
A	678m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(2)-SHERWOOD SANDSTONE- CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
A	678m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (2) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
A	678m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -



ID	Location	Details	
2	724m S	Status: Active Licence No: NE/027/0018/006 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: N & G M HINSLEY & SONS Easting: 462719 Northing: 423947	Annual Volume (m ³): 11808 Max Daily Volume (m ³): 203 Original Application No: NPS/WR/004849 Original Start Date: 01/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2011 Version End Date: -
D	741m S	Status: Historical Licence No: 2/27/18/083 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LIMITED Easting: 462470 Northing: 424060	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1995 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 12/06/1995 Version End Date: -
D	741m S	Status: Historical Licence No: 2/27/18/083 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1995 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 12/06/1995 Version End Date: -
D	741m S	Status: Historical Licence No: 2/27/18/125 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: - Original Start Date: 01/01/2006 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/01/2006 Version End Date: -



ID	Location	Details	
D	741m S	Status: Active Licence No: 2/27/18/125/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
D	741m S	Status: Active Licence No: 2/27/18/125/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
D	741m S	Status: Active Licence No: 2/27/18/125/R01 Details: General Use Relating To Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON Data Type: Point Name: SNAITH MANAGEMENT (IRRIGATION) LTD Easting: 462470 Northing: 424060	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 1220 Original Application No: NPS/NA/001621 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 31/03/2021 Version End Date: -
E	774m S	Status: Historical Licence No: 2/27/18/112 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: HINSLEY Easting: 462700 Northing: 423900	Annual Volume (m ³): 11017 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -



ID	Location	Details	
E	774m S	Status: Historical Licence No: 2/27/18/112 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-CARLTON-GOOLE Data Type: Point Name: HINSLEY Easting: 462700 Northing: 423900	Annual Volume (m ³): 11017 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
-	797m N	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426630	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 07/05/2010 Version End Date: -
G	800m SE	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-GREENACRES, HIRST RD, CARLTON Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
G	800m SE	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE-SHERWOOD SANDSTONE-GREENACRES-HIRST RD-CARLTON Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): 9605 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -



ID	Location	Details	
G	800m SE	Status: Historical Licence No: 2/27/18/113 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: HINSLEY Easting: 463400 Northing: 423900	Annual Volume (m ³): 9605 Max Daily Volume (m ³): 203 Original Application No: - Original Start Date: 05/03/2001 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 05/03/2001 Version End Date: -
-	830m N	Status: Historical Licence No: 2/27/18/147 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
-	830m N	Status: Historical Licence No: 2/27/18/147 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 21/09/2007 Expiry Date: 31/03/2015 Issue No: 8 Version Start Date: 04/11/2013 Version End Date: -
-	830m N	Status: Historical Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CHESTERCOURT Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	830m N	Status: Active Licence No: 2/27/18/147/R01 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	830m N	Status: Active Licence No: 2/27/18/147/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	830m N	Status: Active Licence No: 2/27/18/147/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH - SELBY Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462937 Northing: 426663	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 2000 Original Application No: NPS/NA/001834 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 29/03/2021 Version End Date: -
-	921m S	Status: Active Licence No: NE/027/0018/005 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CARLTON - GOOLE Data Type: Point Name: N & G M HINSLEY & SONS Easting: 463364 Northing: 423759	Annual Volume (m ³): 8023 Max Daily Volume (m ³): 203 Original Application No: NPS/WR/004848 Original Start Date: 01/01/2011 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/01/2011 Version End Date: -



ID	Location	Details	
-	1890m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -
-	1890m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
-	1897m NE	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
-	1897m NE	Status: Active Licence No: NE/027/0024/003/R01 Details: Trickle Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -



ID	Location	Details	
-	1897m NE	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m ³): 70000 Max Daily Volume (m ³): 1342 Original Application No: NPS/NA/001832 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 5 Version Start Date: 29/03/2021 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	9
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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 38 >](#)

ID	Location	Details	
-	1217m S	Status: Historical Licence No: 2/27/18/145 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE Data Type: Line Name: H HEY & SONS Easting: 462270 Northing: 423500	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 2700 Original Application No: - Original Start Date: 15/08/2007 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 15/08/2007 Version End Date: -
-	1223m S	Status: Active Licence No: 2/27/18/145/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 462252 Northing: 423496	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 2700 Original Application No: NPS/WR/018049 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
-	1241m E	Status: Historical Licence No: NE/027/0018/004 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: - Original Start Date: 26/07/2010 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 26/07/2010 Version End Date: -
-	1241m E	Status: Active Licence No: NE/027/0018/004/R01 Details: Trickle Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: NPS/NA/001836 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1241m E	Status: Active Licence No: NE/027/0018/004/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: WEIGH BRIDGE DRAIN - CLAYPIT LANE Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464345 Northing: 424775	Annual Volume (m ³): 90000 Max Daily Volume (m ³): 1800 Original Application No: NPS/NA/001836 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 29/03/2021 Version End Date: -
-	1323m S	Status: Active Licence No: NE/027/0018/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE BETWEEN POINTS A AND B- 2020 VARIATION Data Type: Line Name: MARK H POSKITT LTD Easting: 462252 Northing: 423506	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1800 Original Application No: NPS/WR/033447 Original Start Date: 01/04/2011 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 06/07/2020 Version End Date: -
-	1580m S	Status: Active Licence No: NE/027/0018/024 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: ABSTRACTION REACH IN INGS DRAIN- G TO H Data Type: Line Name: MARK H POSKITT LTD Easting: 462101 Northing: 423297	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1800 Original Application No: NPS/WR/033448 Original Start Date: 19/08/2014 Expiry Date: 31/03/2027 Issue No: 3 Version Start Date: 06/07/2020 Version End Date: -



ID	Location	Details	
-	1912m SW	Status: Historical Licence No: 2/27/18/087 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: INTAKE AND MARSH DRAIN Data Type: Point Name: PLATT Easting: 460700 Northing: 424100	Annual Volume (m ³): 49310 Max Daily Volume (m ³): 2000 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 31/10/2006 Issue No: 100 Version Start Date: 27/03/1997 Version End Date: -
-	1989m S	Status: Historical Licence No: NE/027/0018/007 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER AIRE AT GOWDALL Data Type: Line Name: MARK H POSKITT LTD Easting: 462578 Northing: 422662	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 1800 Original Application No: - Original Start Date: 01/04/2011 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 01/04/2015 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	10
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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.

Features are displayed on the Abstractions and Source Protection Zones map on [page 38 >](#)

ID	Location	Details	
C	589m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(1)-SHERWOOD SANDSTONE-CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -



ID	Location	Details	
C	589m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (1) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
C	589m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463580 Northing: 424310	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - CARLTON HANGER LANE - SHERWOOD SANDSTONE Data Type: Point Name: YORKSHIRE WATER SERVICES LIMITED Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -



ID	Location	Details	
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 1 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
A	672m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463600 Northing: 424200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 03/04/1995 Version End Date: -
A	678m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE(2)-SHERWOOD SANDSTONE- CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -
A	678m SE	Status: Historical Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE (2) - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: YORKSHIRE WATER SERVICES LTD Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: - Original Start Date: 03/04/1995 Expiry Date: - Issue No: 102 Version Start Date: 25/08/2006 Version End Date: -



ID	Location	Details	
A	678m SE	Status: Active Licence No: 2/27/18/080 Details: Potable Water Supply - Direct Direct Source: GROUNDWATERS Point: BOREHOLE 2 - SHERWOOD SANDSTONE - CARLTON HANGER LANE Data Type: Point Name: Yorkshire Water Services Ltd Easting: 463640 Northing: 424240	Annual Volume (m ³): 3500000 Max Daily Volume (m ³): 12000 Original Application No: NPS/WR/024684 Original Start Date: 03/04/1995 Expiry Date: - Issue No: 104 Version Start Date: 12/10/2016 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	2
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 38 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment
A	289m SE	2	Outer catchment

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

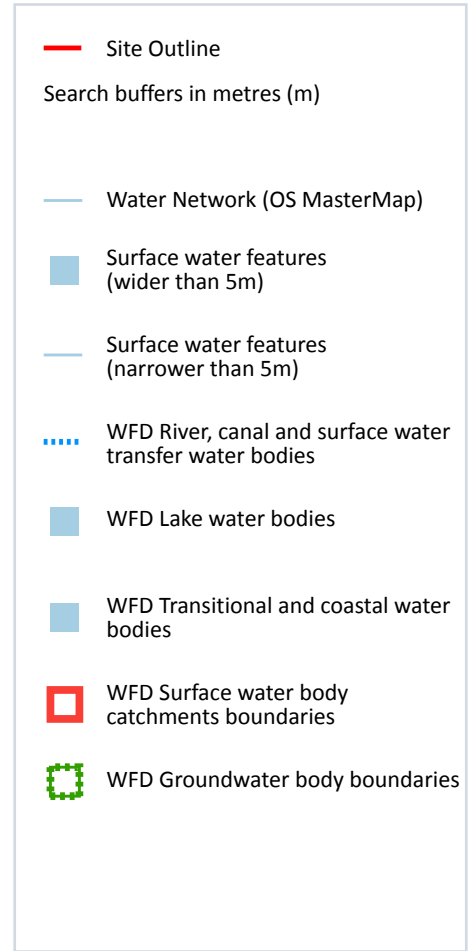
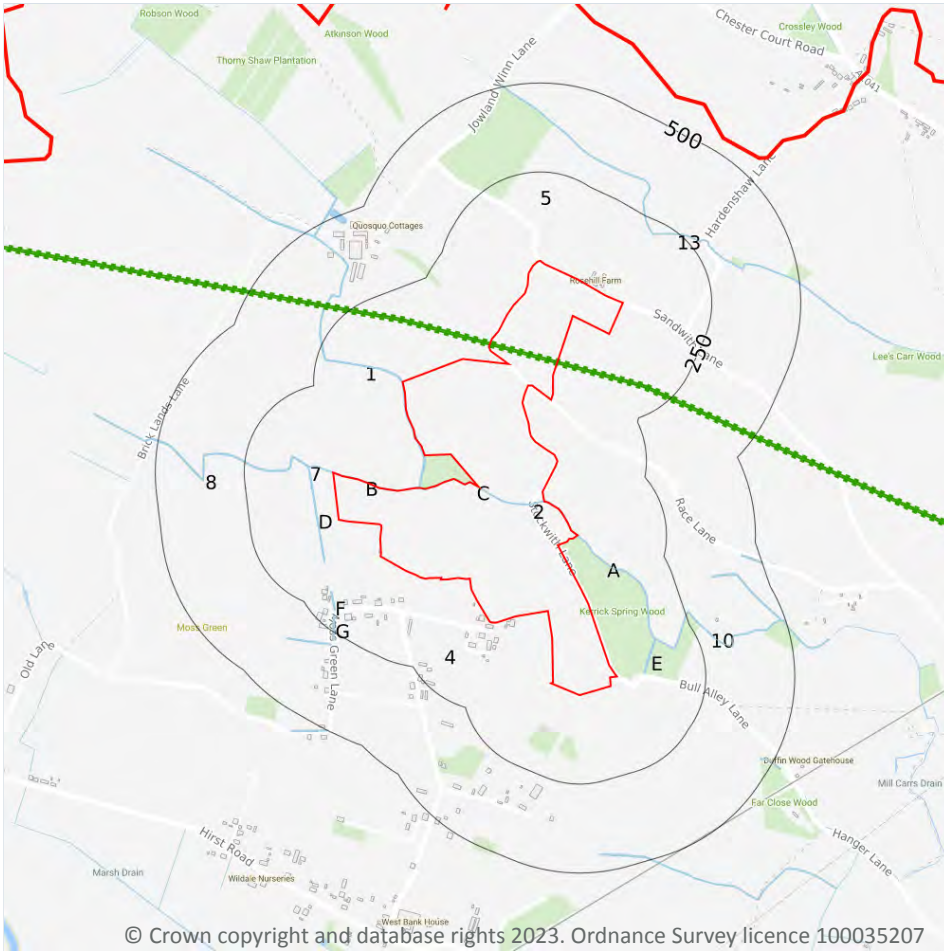
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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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



6.1 Water Network (OS MasterMap)

Records within 250m **15**

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 54](#) >

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.	Underground	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	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	59m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	72m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	73m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	77m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	147m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	169m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
13	211m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	212m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	246m SW	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	248m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	10
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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 54 >](#)

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 54 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
C	On site	River	Aire from River Calder to River Ouse	GB104027062760	Aire Lower	Aire and Calder

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

6.4 WFD Surface water bodies

Records identified	1
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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

