



PHASE I – LAND CONTAMINATION DESK STUDY

Site: Land at Trewithen Dairy, Greymare Farm, Grey Mare Hill, Lostwithiel, Cornwall
PL22 0LW

NGR: 212642 063737

Client: Trewithen Dairy, Greymare Farm, Grey Mare Hill, Lostwithiel, Cornwall PL22 0LW

Planning Ref: N/A

Date: 14 April 2021

Author: Miss C L Cauldwell, MSc AIEMA

Our Ref: CLC/CLC/SS/4897.b.DS



EXECUTIVE SUMMARY

Cornwall Consultants Ltd (CCL) has been commissioned by Trewithen Dairy (the client) to undertake a Phase I Land Contamination Risk Assessment (Desk Study) at Land at Trewithen Dairy, Greymare Farm, Grey Mare Hill, Lostwithiel, Cornwall PL22 0LW (the 'site').

The client proposes to extend the dairy production buildings and construct a plastic pellet / bottle factory and associated infrastructure.

This Phase I assessment has been requested by the client to accompany a planning application. This report has been prepared by a 'Competent Person', as defined by the National Planning Policy Framework (2019).

A site walkover survey was carried out on 29th March 2021 to confirm the current use of the site, check for visible signs of contamination and provide context for potential pollutant linkages.

The desk study and site walkover findings have been considered, along with the sensitivity of the environment and end-users of the site, to construct an initial 'Conceptual Site Model' (CSM).

The following potential contaminant **sources** (hazards) have been identified:

- On site natural geology - radon and metallic elements including arsenic.
- On/off site use as a milk processing / dairy including various tanks - various contaminants including hydrocarbons and metallic elements.
- Off site pollution incidents - various contaminants including organic wastes.

A preliminary risk assessment has been carried out where a pollutant linkage exists between these sources and the receptor. This determines the likelihood and severity of the potential for significant harm from contaminated land. The overall risk from exposure to potentially contaminated land at the site has been designated as **MODERATE**.

No further investigation, (i.e. a Phase II Investigation) is recommended however, full radon protection is required within the proposed buildings.

Following your review of this document, we would recommend that a copy of the report should be submitted, as part of the planning application, to the Planning Department of Cornwall Council for comment and approval.

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1.0 INTRODUCTION

1.1 Rationale

Cornwall Consultants Ltd (CCL) has been commissioned by Trewithen Dairy (the client) to undertake a Phase I Land Contamination Risk Assessment (Desk Study) at Land at Trewithen Dairy, Greymare Farm, Grey Mare Hill, Lostwithiel, Cornwall PL22 0LW (the 'site').

This Phase I assessment has been requested by the client to accompany a planning application. This report has been prepared by a 'Competent Person', as defined by the National Planning Policy Framework (2019), in accordance with: British Standard (BS 10175:2011) 'Investigation of Potentially Contaminated Sites - Code of Practice' and Environment Agency 'Land Contamination Risk Management' (2020).

1.2 Objectives & Methodology

A Phase I Desk Study is the first stage of a tiered risk assessment process to determine if contaminated land is present and what level of risk it presents to end-users of the site and the environment, if any. The Phase I is a qualitative assessment. Subsequent stages (Phase II to IV) variously involving soil sampling, quantitative risk assessment, remediation and verification, may be required.

A Phase I assessment will develop an initial conceptual site model (CSM), to show the potential relationships between any contamination sources, exposure pathways and receptor(s) present. The relationship between any combination of Source-Pathway-Receptor (S-P-R) components is known as a pollutant 'linkage'.

A pollution linkage must exist for there to be a potential risk. Any linkages identified are used to determine if there is potential for any unacceptable risks. The level of risk to the critical receptors(s) is assessed in a qualitative (or preliminary) risk assessment. Recommendations are then made for any further quantitative risk assessment, as necessary.

To achieve the above, the Phase I assessment involves the following steps:

- Review of desk-based information and on-site observations to establish historical and contemporary sources of contamination and identify contaminant pathways and sensitive receptors;
- Identify S-P-R components from an understanding of the site and identify any pollutant linkages;
- Develop an initial CSM for all positive linkages and qualitatively assess the risks; and
- Determine if a Phase II intrusive investigation, involving the collection and analysis of soil samples, is required.

1.4 Site Location

The site is situated within the commercial curtilage of the property known as Trewithen Dairy, located approximately 4.5 kilometres northeast of Lostwithiel. The site covers an area of approximately 0.53 hectares (530m²) and lies at national grid reference (NGR) 212642 063737.

A site location and boundary plan is included within Appendix A.

1.5 Development Proposals

The client proposes to extend the dairy production buildings and construct a plastic pellet / bottle factory and associated infrastructure. A proposed development plan is included in Appendix A. The site, for the purpose of this report, is split into three, Areas 1 and 3 are the locations of the proposed extensions to the existing buildings and Area 2 is the location of the proposed new bottle factory.

Cornwall Consultants Ltd has been informed by the client that no previous Phase I or II assessment reports have been produced for the site.

2.0 WALKOVER SURVEY

2.1 Site Observations

A site walkover survey was carried out on 29th March 2021 to confirm the current use of the site, check for visible signs of contamination and provide context for potential pollutant linkages.

Photographs taken during the site visit are presented in Appendix B and the main findings are summarised here.

The site is split into three, areas 1 and 3 are located within the produce processing area of the dairy whilst area 2 is located to the south of the office building.

Access was gained to the site from a minor road off the A38, leading into the main car park of Trewithen Dairy.

The site is located within the commercial curtilage of Trewithen Dairy which is surrounded by agricultural fields. The dairy includes a dairy produce processing facility, packaging area, offices, milk storage tanks (both raw and pasteurised milk), a water treatment facility, re-fuelling area, vehicle washdown area and lorry yard. The three areas for re-development are described below:

Area 1: The southern half of Area 1 is accessed via the water treatment plant which includes four water tanks sat on concrete hardstanding. The client confirmed that the treated water is used as processing water. The southern half of Area 1 comprises a solid concrete hardstanding yard area used to store metal milk trolleys and wooden pallets. The sites refrigeration plant is positioned elevated above the yard and adjacent to the main processing building. A green container was noted on the concrete hardstanding yard and the client confirmed is used to store eggs and bread. The northern half of the area is position in an elevated position, beyond and above the current fencing of the yard area. The ground surface was noted as bare soil and low lying vegetation. A soil mound and bund are noted in this area which the client confirmed is surplus soil removed during the levelling of the land to the south prior to the construction of the existing buildings. A white container sits on the ground surface in this area and is used to store hygiene equipment. The client confirmed no chemicals are kept in the container. No discernible odours or obvious signs of contamination were noted across Area 1.

Area 2: The area is accessed via a hardcore track that crosses area 2 in a southwest to northeast direction. Part of the area is currently used as car parking, located just south of the track and on a gravel surface. Area 1 continues southeast, of the car park area and is currently the far northwestern part of a large agricultural field. Solar panels are noted to the southeast of the site. A waste bin

storage area is located just outside the northwestern corner of the area. No discernible odours or obvious signs of contamination were noted across the area. No signs of oil leaks were observed within the car parking area.

Area 3: The majority of the area is currently lorry access, loading bays and parking areas. The ground surface is concrete. A wash down area for the onsite vehicles was noted just outside the southern boundary of the area. The client confirmed that all the water from the wash down facility is drained to a pit to the west (outside the area) to separate and then sent to the waste treatment facility. Three pipe connectors, labelled as sulphuric acid, sodium hypochlorite and caustic sodium hydroxide were also noted in this area, approximately located along the southern boundary of Area 3. The client confirmed that these are located here to enable easy access for the tank trucks to unload each chemical. The pipes cross underground to the treatment facility to the . The far western part of the site is located outside the perimeter of the current working dairy site and situated between the site's waste treatment plant and the main dairy. The ground surface in this area was noted as bare soil / hardcore and gravel. No discernible odours (other than organic odours from the adjacent waste treatment facility), or obvious signs of contamination were noted across the area.

Various tanks are located across the dairy. The nearest of which are located east and west of Area 3 and used for storage of processed milk and an onsite waste treatment facility, respectively. The water treatment facility is located down gradient from Area 3. At the time of the site visit several containers comprising a coagulant chemical (aluminium chloride) were being stored temporarily outside the treatment facility, prior to being processed within the facility. Water tanks are located adjacent to area 1 including a tank for storage of chlorine dioxide, used as part of the water treatment prior to processing use. Raw milk is stored in tanks between Area 2 and 3. A large (approximately 11 by 2 metres) above ground diesel storage tank is located to the south of the areas, approximately 30 metres south of Area 3. Adjacent to the diesel tank are re-fuelling pumps for onsite vehicles. The diesel tank and fuel pumps are all located down gradient from the site areas.

The dairy has been in the clients family since 1976. The milk production and dairy product activities commenced in 1994 and have increased in production capability over the years.

2.2 Topography

The site is situated on a slightly sloping site with a down gradient to the south. The client confirmed that prior to the construction of the current buildings, and due to the sloping topography, levelling was required. The surplus soil was relocated to the north of the site, forming the soil bunds and mounds within and to the north of Area 1. In addition, some of the surplus soil was re-used to infill some areas to provide a level platform.

2.3 Surrounding Area

The site is situated in a rural location between Bodmin and Lostwithiel. The features within the surrounding area are detailed below in Table 1.

Table 1: Features within the Surrounding Area

<i>Surrounding Land Use & Receptors</i>	<i>Distance from site</i>	<i>Direction</i>
Dairy buildings	Adjacent	S & E of Area 1 and 3 respectively

Waste treatment facility	Adjacent	W of Area 3
Concrete surfaced lorry parking	Adjacent	W and N/S of Area 1 and 3 respectively
Track	Adjacent	N of Area 1
Minor road	Adjacent & 7m	E of Area 1 and W of Area 2 respectively
Soft landscaped areas	Adjacent	N of Area 2
Agricultural field	Adjacent	S of Area 2

3.0 HISTORICAL LAND USE

3.1 Recorded Mining Activity

A Mining Search (ref. RJH/CMS/133111) was undertaken by Cornwall Consultants Ltd in April 2021 and is included in Appendix C. The site is situated away from the principal metalliferous mining areas, but within an area where sporadic mining activity has taken place. There are no recorded or suspected shallow metalliferous mine workings, mineralised deposits or areas of mine waste beneath or within 100 metres of the site.

3.2 Other Mineral Extraction

There is no evidence of any non-metalliferous mineral extraction having taken place within the site boundaries.

3.3 Recorded Past Land Use

A Groundsure Enviro & Geo Insight report was commissioned and is presented in Appendix D, with the 'Past Land Use' findings summarised below.

Past Land Use		
Distance	Direction	Details
Potentially Contaminative Land Uses:		
241m	W	Unspecified pit: Date of mapping: 1881

3.4 Review of Historic Ordnance Survey Maps

A review of historical Ordnance Survey (OS) maps, commissioned from Groundsure, provides an overview of the status of the site over time and provides the means to identify potential contamination hazards. Extracts of these maps are provided in Appendix E.

Date	Site	Surrounding area
1881-1882	Site areas located within a rough ground area with a minor road (north - south direction) separating areas 1 and 2.	The rough ground area continues in all directions.
1907	No changes.	Buildings are noted to the west of area 2.
1973-1975	No changes	The area has been separated into smaller fields and no longer annotated as round ground. The buildings to the west of area 2 have increased in size, existing to the south of the site areas and another building is located in the centre of the three

		site areas. A drain is annotated which appears to start at the far southwestern corner of area 3 and run in a westerly direction away from the site areas. The area to the south of Area 3 is annotated as woodland.
1995	No changes	No changes
2003	Area 1: tracks / pathways cross this area. Area 2: A track crosses this area. Area 3: The far western end of a building encroaches the eastern boundary of this area.	A large building occupies the area within the centre of the site areas.

4.0 ENVIRONMENTAL SETTING

4.1 Geology

British Geological Survey (BGS) open source (1:50k scale) digital data has been reviewed for the area. No superficial deposits are recorded to underlie the site. The bedrock beneath the site is the Staddon Formation comprising sandstone, siltstone and mudstone. No linear geological structures are recorded by the BGS beneath the site.

4.2 Geochemical Baseline of Metallic Elements

The 'Tellus South West' project (containing British Geological Survey materials © NERC 2018) includes geochemical sampling of soils in the South West undertaken by the BGS. Soil samples were sampled at a density of 1 sample per 2km² to one per 5km² as part of a Geochemical Baseline Survey of the Environment and concentrations between these locations were extrapolated. According to the mapping information, an arsenic concentration of 78mg/kg is inferred in the vicinity of the site.

4.3 Radon

The Groundsure Report records the following findings.

Public Health England		
Distance	Hazard	Details
On site	Radon	Between 10 and 30% of homes are above the action level for radon. *Full radon protective measures should be installed.

*As described in the latest Building Research Establishment guidance on radon protective measures for new dwellings.

4.4 Hydrogeology

No detailed information regarding the depth to groundwater is available. The groundwater level is likely to be subject to seasonal variations.

The Environment Agency (EA) aquifer designation classifies the underlying rocks as a Secondary A (permeable) Aquifer. Groundwater vulnerability is assessed by how easily a pollutant discharged at ground level can reach the groundwater. High vulnerability areas mean that pollution can easily

transmit to groundwater and likely to be characterised by high leaching soils. The Groundsure report classifies the soils with high leaching potential.

The site is within a Groundwater Source Protection Zone.

The nearest recorded active groundwater abstraction license is 144 metres north of the site for use within Cornish Farm Dairy Limited for general farming and domestic uses and process water.

4.5 Hydrology

The nearest surface water feature is a drain located just outside the southwestern boundary of the area 3.

The site is not located within 50 metres of an Environment Agency recorded Zone 2 or Zone 3 floodplain.

There are no recorded surface water abstraction licenses within 1 kilometre of the site.

4.6 Environmental, Visual and Cultural Designations

Based on the environmental data from the Groundsure Report the site does not lie within any environmental, visual or cultural designations.

5.0 CONTEMPORARY LAND USE

The following contemporary land uses including current land use and waste / landfill sites recorded within 250 metres, are summarised from the Groundsure report.

Current Industrial Land Use		
<i>Distance</i>	<i>Direction</i>	<i>Details</i>
Recent Industrial Land Uses:		
19m	E	Solar Panels – Energy production
55m	S	Electricity Substation – Electrical features
85m	N	Cornish Farm Dairy Ltd – Dairy farming
Pollution Incidents (EA/NRW):		
14m	E	General biodegradable materials and wastes – Composted material. Dated 19.6.2003. Water and air impact – none. Land impact – minor.
40m	NE	General Agricultural materials and wastes – slurry and dilute slurry. Dated 9.7.2001. Land and air impact – none. Water impact – minor.

6.0 PRELIMINARY RISK ASSESSMENT

6.1 Introduction

Part IIA of the Environmental Protection Act 1990 stipulates a risk-based approach to the identification and remediation of land where contamination poses an unacceptable risk to human health and the environment. The Land Contamination Risk Management (LCRM) guidance provided by the Environment Agency specifies a staged approach to determine if there are any potentially unacceptable risks.

The first step to the preliminary risk assessment is to derive a CSM. A CSM shows the possible relationships between any contaminant sources (hazards), pathways and receptors. Source, pathway and receptor (S-P-R) are defined by the LCRM guidance as:

- **Source** – a contaminant or pollutant that is in, on or under the land and that has the potential to cause harm or pollution, for example metallic elements (arsenic, lead, cadmium).
- **Pathway** – a route by which a receptor is or could be affected by a contaminant, for example ingestion of homegrown produce.
- **Receptor** – something that could be adversely affected by a contaminant, for example a person, controlled waters, an organism, an ecosystem, or Part IIA receptors such as buildings, crops or animals.

The CSM includes the concept of a 'pollutant linkage' between a contaminant source and a receptor by means of a pathway. A linkage must be present for a risk to exist -without a linkage, there is not a risk, even if a contaminant is present.

If any linkages are identified, the associated level of risk to receptors can be assessed. This is achieved by a preliminary risk assessment, predicting the likelihood of exposure to the hazard (contaminant source) and the severity of the potential consequence.

The initial CSM, together with the results of the preliminary risk assessment, are presented in the following sections.

6.2 Initial Conceptual Site Model & Pollutant Linkages

The desk study information, site walkover, environmental setting and potential on-site sources of contamination have been reviewed, with consideration to the development proposals, to construct an initial CSM.

The following potential contaminant **sources** (hazards) have been identified:

- On site natural geology - radon and metallic elements including arsenic.
- On/off site use as a milk processing / dairy including various tanks - various contaminants including hydrocarbons and metallic elements.
- Off site pollution incidents - various contaminants including organic wastes.

Potential **receptors** relevant to the site based on the proposed end use include:

- Future site users: Human health and ecology

- Controlled waters: Underlying aquifer and nearby drain
- Built environment: Water pipes and buried concrete

Potential **pathways** relevant to the site based on the proposed end use include:

- Ingestion, dermal contact & inhalation
- Migration: laterally or vertically
- Surface water run off: leaching

Pollutant linkages have been assessed in Table 2.

Table 2: Pollutant Linkage Assessment

Potential Hazard		Comments	Pollutant Linkage?
Sources	Contaminants of Concern		
On site: Natural Geology	Radon gas	Area where the radon action level may be exceeded, and harmful radon concentrations can accumulate in buildings	Yes
	Metallic elements, including arsenic	No recorded metalliferous mineralisation beneath site or within 100m. No source.	No
On site: current use as milk processing / dairy	Various including: Hydrocarbons Metallic elements	Various activities including a water treatment plant, waste treatment facility and fuel tanks are situated within the dairy site but outside of the three site areas. Fuel tanks are to the south of the site areas and down gradient. Therefore, any leakage from re-fuelling activities or storage would naturally migrate down gradient away from the site areas. Both the water treatment and waste treatment facilities are situated outside of the three areas and will continue as part of the site activities. Various chemicals were noted in these areas, but both stored in suitable containers. The client confirmed all activities have the appropriate Environment Agency licenses and consents. Water from vehicle washdown area drains into a pit and then is transferred to the water treatment facility. Observations of the three site areas were noted to be well maintained with good housekeeping. No change of use is proposed but continued use as commercial. No significant source.	No
Off site: Pollution incidents 14m & 40m distant	Unknown contaminants	Dated 2001 & 2003 with none or minor impact on water, land & air. Unlikely to be residual contaminants. No organic (hydrocarbons) recorded. Neary 20 years since incidents. No significant source.	No

6.3 Preliminary Risk Assessment

The identified pollutant linkages have been subject to a qualitative (preliminary) risk assessment to determine the likelihood and severity of the potential for significant harm from exposure to contaminated land. The risk assessment has been carried out in accordance with statutory guidance on contaminated land and in line with the National House Building Council (NHBC) risk categorisation methodology, presented in Appendix F.

The results of the preliminary risk assessment are summarised in Table 3.

Table 3: Initial Conceptual Site Model & Preliminary Risk Assessment

Sources	Pathway	Receptor	Probability	Consequence	Risk
Radon gas	Inhalation	Future site users	Likely	Medium	Moderate

The overall risk from exposure to potentially contaminated land at the site has been designated as **MODERATE**.

7.0 CONCLUSIONS AND RECOMMENDATIONS

In summary, the desk study and preliminary risk assessment have identified the following potential Moderate risk of potential harm to end-users of the site, and any other receptors identified, arising from contaminated land:

- **Radon gas** – underlying geology – moderate risk
 - Full radon protective measures should be installed within the new buildings to mitigate this risk.

No further investigation, (i.e. a Phase II Investigation) is recommended however, full radon protection is required within the proposed buildings.

Water Pipes: Water suppliers sometimes request sampling and specific chemical analysis within the proposed trenched excavations of water pipes to identify the most appropriate pipe material. No sources of organic contaminants were identified and therefore any pipe material will be suitable for this site. Based on the findings of our desk study and the guidance provided by Water UK, (Contaminated Land Assessment Guidance) dated January 2014, no further assessment should be requested. We would recommend contacting your water supplier to confirm.

If any potential signs of contamination are identified during the construction phase CCL should be contacted immediately to re-assess the risk.

Following your review of this document, we would recommend that a copy of the report should be submitted, as part of the planning application, to the Planning Department of Cornwall Council for comment and approval.

Yours faithfully

for **Cornwall Consultants Ltd**

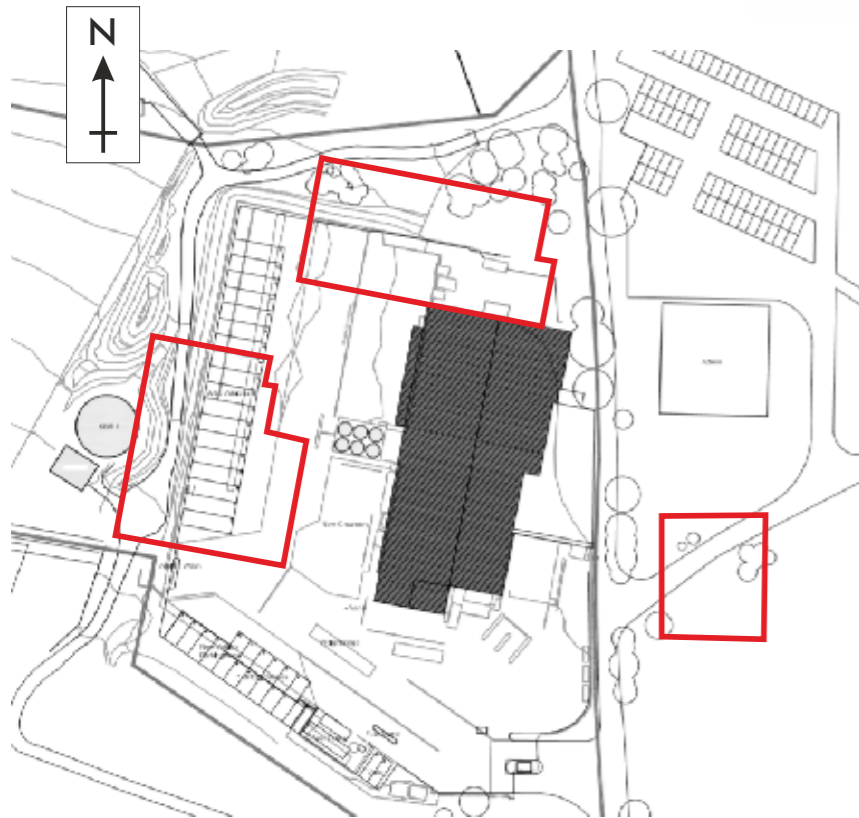
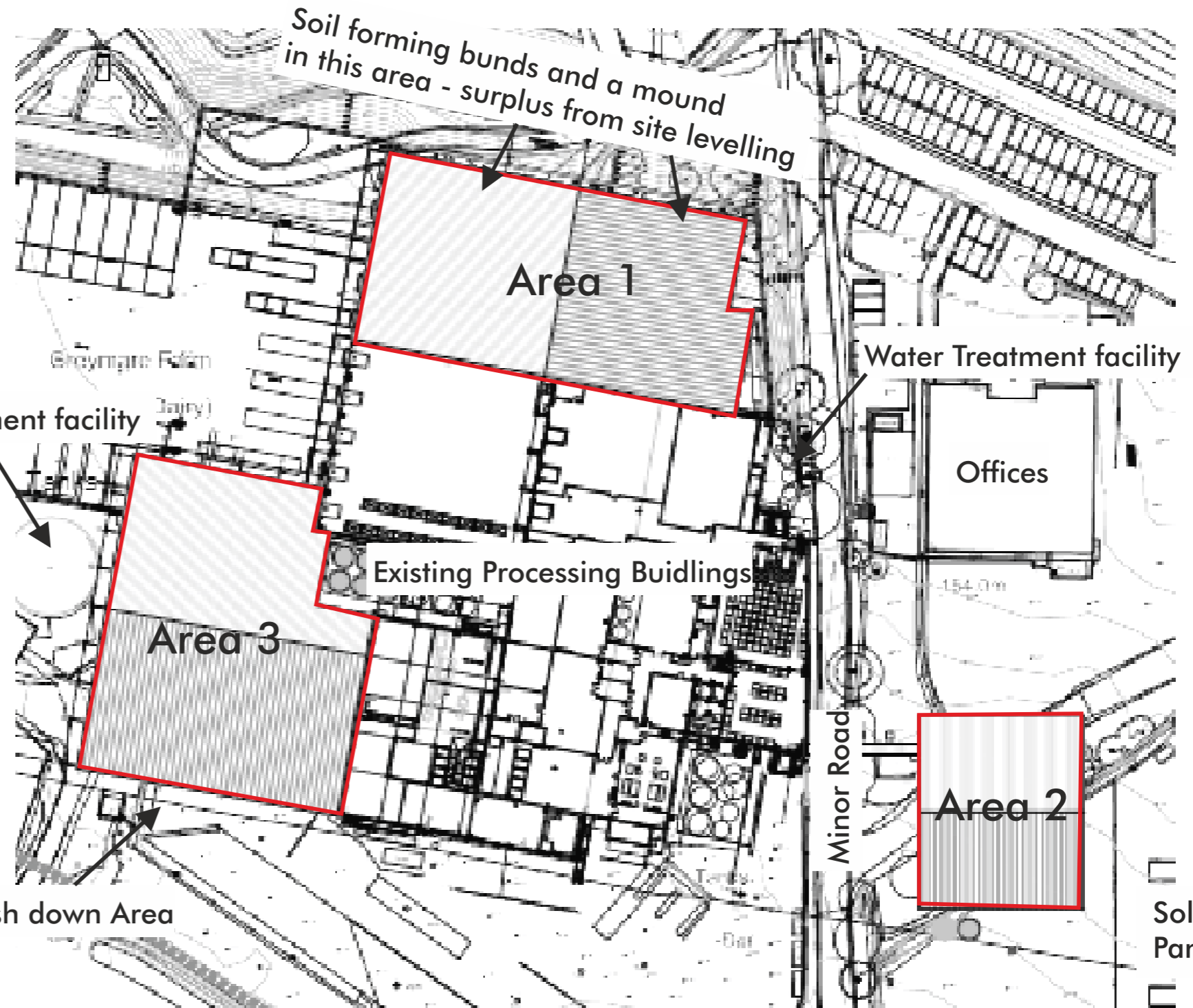
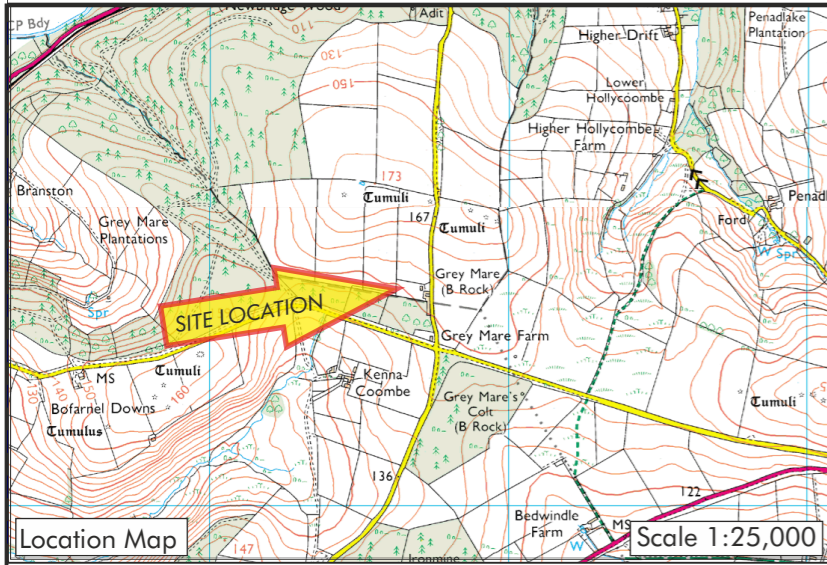


Miss C L Caldwell, MSc AIEMA
Senior Environmental Scientist

6.0 LIMITATIONS

This Phase I Desk Study undertaken on this site was in respect of contamination only and the observations reported do not purport to constitute a full survey of ground conditions and should not be used as a basis for foundation or other structural design. This report is not an assessment of mining subsidence or ground instability and provides no assurances against these risks if provided or implied. The site area is defined by the client and indicated in the plan supplied. It is the client's responsibility to divulge any previous environmental assessments for the subject site. No samples are collected in a Phase I Desk Study. This report is based specifically on information provided by the client at the time of the site visit. Any amendments to the development plan must be reported to us immediately for this may result in changes to the conclusions of the above report. This report may make reference to invasive species, flood risk and/or the presence of suspected asbestos containing materials (ACMs), however this report does not constitute an invasive species survey, flood risk assessment or asbestos survey. Cornwall Consultants Ltd are unable to provide asbestos survey, handling, testing or disposal related services. This report is confidential to the client and the client's solicitor and/or mortgage lender. It may not be reproduced or further distributed without the permission of Cornwall Consultants Ltd. We shall not be under any liability to any person who has not been party to the commissioning and fee paid for this report. The report may be reissued to a new client by ourselves, on payment of an appropriate fee, but will not be reissued within 28 days without approval from the current client.

APPENDIX A: Site Location & Proposed Development Plan



Key:
 Boundary of proposal (as supplied)

This plan applies to the shown/named property only, it must not be used for neighbouring properties as any mining features described are only those pertinent to the specific property and any adjacent mining features may have been omitted for clarity. This information is confidential to the client designated in the attached report and must not be further distributed without our permission. The approximate position of buried services must not be relied upon for any further excavations; refer to service providers.

APPENDIX B: Site Walkover Photos



Photograph 1 – Area 1: Southern half, view from east, looking west.



Photograph 2 – Area 1: Northern half, view from east looking west



Photograph 3 – Area 2: View from southwestern corner looking east.



Photograph 4 – Area 2: View from northwestern corner looking southwest.



Photograph 5 – Area 3: View from eastern part of southern boundary looking north.



Photograph 6 – View from western end of northern boundary looking south.

APPENDIX C: Mining Search



Registered Office: Unit 3 East Pool, Tolvaaddon Business Park, Camborne TR14 0HX. Registered in England & Wales. Registered No: 04578850

Property Address	Land At Trewithan Dairy		Greymare Farm
	Grey Mare Hill	Lostwithiel	PL22 0LW
National Grid Reference	212690		63746
Client & Client Ref	Contamination		Soils
Report Reference & Date	RJH/CMS/133111		06 April 2021



- | | | | |
|--------------------------|--------------------------|----------------------------|------------------------|
| Property Boundary | Recorded Lode (Surface) | Recorded Shaft | Well/Spring |
| Land Registry Boundaries | Suspected Lode (Surface) | Suspected Shaft | Surface Workings |
| Building | Lode at Other Elevation | Indicated Shaft (Doubtful) | Mine Waste |
| Former Structure | Geological Fault | Subsidence | Alluvium/Tin Streaming |
| Elvan | Adit/Tunnel | Adit Portal | Quarry |

Risk Rating:

LOW - Passed

Next Steps:

NONE - Passed

PROFESSIONAL OPINION

We believe that the property is unlikely to be affected by subsidence related to historic metalliferous mining. No further action is required and you do not need to contact any other mining institute or body relating to past metalliferous mining.



Mining Search: METALLIFEROUS MINERALS



This Mining Search provides an assessment of the subsidence risk presented to the property from historic metalliferous mining. The report findings are based on factual information from maps, plans and records in Cornwall Consultants Ltd private archive, the results of relevant on-site investigations, as well as commercially available datasets. This information has been interpreted by experts to reasonably predict the existence, location and likelihood of unrecorded mine workings.

The Findings

The property is situated away from the principal historic metalliferous mining areas, but within an area where sporadic mining activity has taken place.

There are no recorded/suspected metalliferous mining related features or mineralised deposits within 250 metres of the property boundary.

The nearest recorded/suspected metalliferous mining related feature is a mineral lode (deposit) associated with the former South Wheal Jane (mine), which lies 545 metres north-northeast of the property. This feature is recorded on a mine plan.

Our records also indicate a possible trial for tin and copper at Kenna Combe 300 metres southwest of the property, although this is unverified.

The property does not lie within a mineral planning permission area for the extraction of metalliferous minerals, or a Mineral Safeguarding/Consultation Area containing designated metalliferous mineral resources.

The Risk

Based on a detailed search and expert interpretation of our mining records archive we believe the risk to the property from subsidence relating to past extractive metalliferous mining is:

LOW - Passed

We believe that the property is unlikely to be affected by subsidence related to historic metalliferous mining.

The Next Steps

To further assess the risks to this property we recommend the following course of action:

NONE - Passed

No further action is required and you do not need to contact any other mining institute or body relating to past metalliferous mining.

If further assessment has been recommended or you would just like to discuss the findings of this report, we would be happy to assist by phone on 01209 313511 or by email to mining@cornwallconsultants.co.uk or at a site meeting as required. Further explanation of the mining search process can be found on the attached information sheet and our website www.cornwallconsultants.co.uk.

CORNWALL CONSULTANTS LTD
Helping protect property from the ground up



Mining Search: METALLIFEROUS MINERALS



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Geology

Metallic mineralisation in the South West mainly occurs in lodes (veins), which are sheet-like structures occupying former fissures in the bedrock. Lodes are typically about 1 metre (m) wide but some reach 5m or more and are either vertical or inclined at steep angles. Mineral lodes containing tin, copper and other metalliferous minerals typically course in an east-northeast to west-southwest direction, while those containing lead and silver often course approximately north to south. Localised variations can occur, and lodes are also affected by other geological structures, such as crosscourses (geological faults) and elvan dykes (wide, planar igneous intrusions that are occasionally mineralised).

Mining Methods & History

The extraction of metalliferous minerals in the South West has taken place for thousands of years, throughout which shallow prospecting was widespread. This involved excavating costean (trial) pits in order to discover mineral lodes, often in areas where earlier tin-streaming had taken place. Once discovered, lodes were often mined by openworks (linear excavations) along the lode outcrop and later by means of shafts, adits (drainage tunnels) and levels (tunnels) driven away from the shafts. The ore was extracted from between the levels to leave stopes (narrow chasms). By the 19th century steam pumping engines enabled the workings to be deepened. During the tin and copper mining heyday, in the 18th and 19th centuries, the South West was one of the most productive mining regions in the world with over 2000 active mines. Thousands of shafts were sunk, and hundreds of miles of underground workings were driven along the lodes. However, by the end of the 19th century, the discovery of larger mineral deposits elsewhere led to the industrial decline in the South West and the closure of most mines. A lack of funds and regulations meant that mine workings were often left abandoned without being secured.

Mining Archive & Unrecorded Workings

The surviving officially deposited abandoned mine plans of most mines in the South West do not show the full extent of the underground workings, especially at shallow depth. It did not become a legal requirement for metal mines to keep comprehensive plans of the underground workings, and to deposit these upon abandonment until 1872. This law did not apply to mines that employed fewer than 12 people underground and neither did it require mines to survey any unused older workings. As a result, most of the old and shallow workings and smaller mines remain poorly recorded. We use a vast archive of other mining and geological records, maps, plans, books and datasets, along with our knowledge of the geology and mining methods to predict where workings could exist and might present a risk.

Subsidence Risks

Any near-surface mine working that has not been properly secured poses a potential subsidence risk at surface. Mine shafts present a high risk of localised subsidence. Often these features were capped with timber when mining ceased and all evidence of them became obliterated. Shallow adits can collapse or cause flooding and mine waste tips/dumps can cause differential settlement. However, one of the main causes of mining related subsidence is the collapse of near-surface mine workings on lode outcrops. These workings, in the form of small pits, openworks or shallow stopes, were often backfilled with unconsolidated waste rock and are not evident at surface until they collapse, thereby presenting a high risk of subsidence. There is no legal imperative to report subsidence to a central body and so no comprehensive database of historic subsidence events exists. Therefore, it is not possible to conclude comprehensively whether a property has previously been affected; but we include comment on subsidence at a property if we are aware of it.

Limitations of Mining Search

This Mining Search evaluates the subsidence risk from the extraction of metalliferous minerals only. It cannot be relied upon to indicate risk from clay, stone, coal, oil or other non-metalliferous extraction. It has been produced following a search and review of the extensive collection of abandoned mine plans, maps, records and archives in our possession and from this material we have endeavoured to provide as accurate a report as possible. However, considering that such records may not be wholly complete or accurate, we cannot accept liability for any inaccuracies or omissions with respect to those records. This Mining Search does not include an assessment of soil contamination risks. This report and any mining features described are applicable to the subject property only, the location or boundaries of which have been approved by the client in instructing and receiving this report. We cannot be liable for any erroneous or omitted information as portrayed on any plan supplied to us for this Mining Search. The report must not be relied upon for neighbouring properties, as any adjacent mining features may have been omitted for clarity. This report is confidential to the client, client's solicitor and/or mortgage lender or those acting through a conveyance service provider (as per the quoted reference number) and may not be reproduced or further distributed, re-sold or reassigned without our permission. We shall be under no liability whatsoever to any person who has not been party to the commissioning and fee paid for this report or any undisclosed third party. We have not visited the property.

Mining Search: METALLIFEROUS MINERALS



CORNWALL CONSULTANTS LTD
Helping protect property from the ground up



Consumer Information

This search has been produced by Cornwall Consultants Ltd, Unit 3 East Pool, Tolvaddon Business Park, Camborne TR14 OHX. Tel: (01209) 313511. Fax: (01209) 313512. Email: enquiries@cornwallconsultants.co.uk, which is registered with the Property Codes Compliance Board (PCCB) as a subscriber to the Search Code. This search has been completed in accordance with our Terms and Conditions of business that can be viewed [here](#).

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Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

Contact Cornwall Consultants Ltd if you would like a copy of the Search Code or our Complaints Procedure. We trust this report provides the information you require, however should you have any queries, please contact Cornwall Consultants Ltd at: enquiries@cornwallconsultants.co.uk

TPOs contact details

The Property Ombudsman scheme
Milford House, 43-55 Milford Street,
Salisbury, Wiltshire SP1 2BP
Tel: **01722 333306** Fax: **01722 332296**
Email: admin@tpos.co.uk | Website: www.tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk or from our website at <https://cornwallconsultants.com/>

Complaints Procedure

Cornwall Consultants Ltd is registered with the Property Codes Compliance Board as a subscriber to the Search Code. A key commitment under the Code is that firms will handle any complaints both speedily and fairly. If you want to make a complaint directly to Cornwall Consultants Ltd, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to:

The Property Ombudsman scheme (TPOs):
Tel: **01722 333306** E-mail: admin@tpos.co.uk
| Website: www.tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.

Complaints should be sent to:

Dan Berriman
Cornwall Consultants Ltd
Unit 3 East Pool
Tolvaddon Business Park
Camborne
Cornwall
TR14 OHX

E: help@cornwallconsultants.co.uk
T: **01209 313511**

You can also view our complaints procedure [here](#).

RESULT CLASSIFICATIONS FOR MORTGAGE

PASSED	<i>Typically, acceptable to mortgage lenders.</i>
FURTHER ACTION	<i>Value/enjoyment may be affected, and action should be satisfied before mortgage proceeds.</i>

APPENDIX D: Environmental Report

LAND AT TREWITHEN DAIRY, GREYMARE FARM, GREY MARE HILL, LOSTWITHIEL, PL22 0LW

Order Details

Date: 24/03/2021
Your ref: SS4897
Our Ref: HMD-299-7687197
Client: Cornwall Consultants

Site Details

Location: 212642 063737
Area: 0.53 ha
Authority: [Cornwall Council \(Unitary\)](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	0	0	1	1	-
15	1.2	<u>Historical tanks</u>	0	0	0	1	-
15	1.3	Historical energy features	0	0	0	0	-
15	1.4	Historical petrol stations	0	0	0	0	-
16	1.5	Historical garages	0	0	0	0	-
16	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
17	2.1	<u>Historical industrial land uses</u>	0	0	1	2	-
18	2.2	<u>Historical tanks</u>	0	0	0	2	-
18	2.3	Historical energy features	0	0	0	0	-
18	2.4	Historical petrol stations	0	0	0	0	-
18	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
19	3.1	Active or recent landfill	0	0	0	0	-
19	3.2	Historical landfill (BGS records)	0	0	0	0	-
20	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
20	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
20	3.5	Historical waste sites	0	0	0	0	-
20	3.6	Licensed waste sites	0	0	0	0	-
20	3.7	<u>Waste exemptions</u>	0	0	31	0	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
24	4.1	<u>Recent industrial land uses</u>	0	1	2	-	-
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	0	0	0	0	-
25	4.5	Sites determined as Contaminated Land	0	0	0	0	-



25	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	-
26	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	<u>Licensed Discharges to controlled waters</u>	0	0	0	1	-
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	<u>Pollution Incidents (EA/NRW)</u>	0	2	0	1	-
29	4.19	Pollution inventory substances	0	0	0	0	-
29	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	<u>Superficial aquifer</u>	Identified (within 500m)				
32	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
33	5.3	<u>Groundwater vulnerability</u>	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	<u>Groundwater abstractions</u>	0	1	30	24	57
58	5.7	<u>Surface water abstractions</u>	0	0	0	0	2
59	5.8	<u>Potable abstractions</u>	0	0	10	8	14
67	5.9	<u>Source Protection Zones</u>	1	0	2	1	-
68	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
69	6.1	<u>Water Network (OS MasterMap)</u>	0	1	2	-	-



70	6.2	<u>Surface water features</u>	0	1	1	-	-
70	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
71	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
71	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
72	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
72	7.2	Historical Flood Events	0	0	0	-	-
72	7.3	Flood Defences	0	0	0	-	-
72	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
73	7.5	Flood Storage Areas	0	0	0	-	-
74	7.6	Flood Zone 2	None (within 50m)				
74	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
75	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
77	9.1	<u>Groundwater flooding</u>	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
78	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
79	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
79	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
79	10.4	Special Protection Areas (SPA)	0	0	0	0	0
79	10.5	National Nature Reserves (NNR)	0	0	0	0	0
80	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
80	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	8
80	10.8	Biosphere Reserves	0	0	0	0	0
81	10.9	Forest Parks	0	0	0	0	0
81	10.10	Marine Conservation Zones	0	0	0	0	0
81	10.11	Green Belt	0	0	0	0	0
81	10.12	Proposed Ramsar sites	0	0	0	0	0

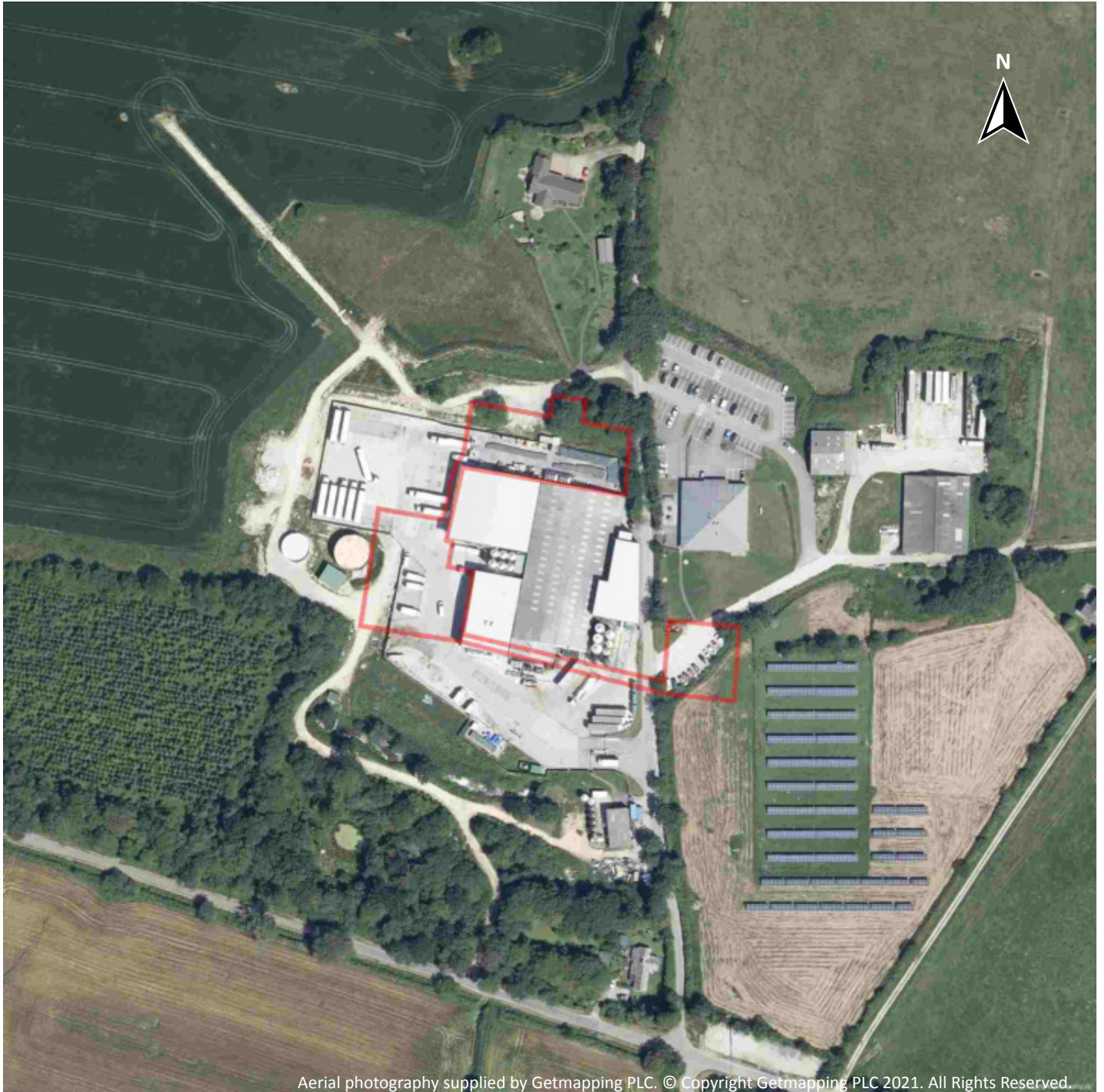
81	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
82	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
82	10.15	Nitrate Sensitive Areas	0	0	0	0	0
82	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
83	<u>10.17</u>	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
84	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
85	11.1	World Heritage Sites	0	0	0	-	-
86	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
86	11.3	National Parks	0	0	0	-	-
86	11.4	Listed Buildings	0	0	0	-	-
86	11.5	Conservation Areas	0	0	0	-	-
87	<u>11.6</u>	<u>Scheduled Ancient Monuments</u>	0	0	2	-	-
87	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
88	<u>12.1</u>	<u>Agricultural Land Classification</u>	Grade 4 (within 250m)				
89	<u>12.2</u>	<u>Open Access Land</u>	0	1	0	-	-
89	12.3	Tree Felling Licences	0	0	0	-	-
89	<u>12.4</u>	<u>Environmental Stewardship Schemes</u>	0	2	1	-	-
90	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
91	<u>13.1</u>	<u>Priority Habitat Inventory</u>	1	0	1	-	-
92	13.2	Habitat Networks	0	0	0	-	-
92	13.3	Open Mosaic Habitat	0	0	0	-	-
92	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
93	<u>14.1</u>	<u>10k Availability</u>	Identified (within 500m)				
94	14.2	Artificial and made ground (10k)	0	0	0	0	-
95	14.3	Superficial geology (10k)	0	0	0	0	-



95	14.4	Landslip (10k)	0	0	0	0	-
96	14.5	Bedrock geology (10k)	0	0	0	0	-
96	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
97	15.1	<u>50k Availability</u>	Identified (within 500m)				
98	15.2	Artificial and made ground (50k)	0	0	0	0	-
98	15.3	Artificial ground permeability (50k)	0	0	-	-	-
99	15.4	<u>Superficial geology (50k)</u>	0	0	1	1	-
100	15.5	Superficial permeability (50k)	None (within 50m)				
100	15.6	Landslip (50k)	0	0	0	0	-
100	15.7	Landslip permeability (50k)	None (within 50m)				
101	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
102	15.9	<u>Bedrock permeability (50k)</u>	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	<u>BGS Boreholes</u>	0	3	8	-	-
Page	Section	Natural ground subsidence					
105	17.1	<u>Shrink swell clays</u>	Negligible (within 50m)				
106	17.2	<u>Running sands</u>	Negligible (within 50m)				
107	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
108	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
109	17.5	<u>Landslides</u>	Very low (within 50m)				
110	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
112	18.1	Natural cavities	0	0	0	0	-
113	18.2	BritPits	0	0	0	0	-
113	18.3	<u>Surface ground workings</u>	0	0	1	-	-
113	18.4	<u>Underground workings</u>	0	0	0	0	1
113	18.5	Historical Mineral Planning Areas	0	0	0	0	-

114	18.6	<u>Non-coal mining</u>		1	0	0	1	0
114	18.7	<u>Mining cavities</u>		0	0	0	0	2
115	18.8	JPB mining areas		None (within 0m)				
115	18.9	Coal mining		None (within 0m)				
115	18.10	Brine areas		None (within 0m)				
115	18.11	Gypsum areas		None (within 0m)				
115	18.12	Tin mining		None (within 0m)				
116	18.13	Clay mining		None (within 0m)				
Page	Section	Radon						
117	19.1	<u>Radon</u>	Between 10% and 30% (within 0m)					
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m	
118	20.1	<u>BGS Estimated Background Soil Chemistry</u>	1	0	-	-	-	
118	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-	
118	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	
119	21.1	Underground railways (London)	0	0	0	-	-	
119	21.2	Underground railways (Non-London)	0	0	0	-	-	
119	21.3	Railway tunnels	0	0	0	-	-	
119	21.4	Historical railway and tunnel features	0	0	0	-	-	
119	21.5	Royal Mail tunnels	0	0	0	-	-	
120	21.6	Historical railways	0	0	0	-	-	
120	21.7	Railways	0	0	0	-	-	
120	21.8	Crossrail 1	0	0	0	0	-	
120	21.9	Crossrail 2	0	0	0	0	-	
120	21.10	HS2	0	0	0	0	-	

Recent aerial photograph



Capture Date: 22/06/2019

Site Area: 0.53ha



Recent site history - 2016 aerial photograph

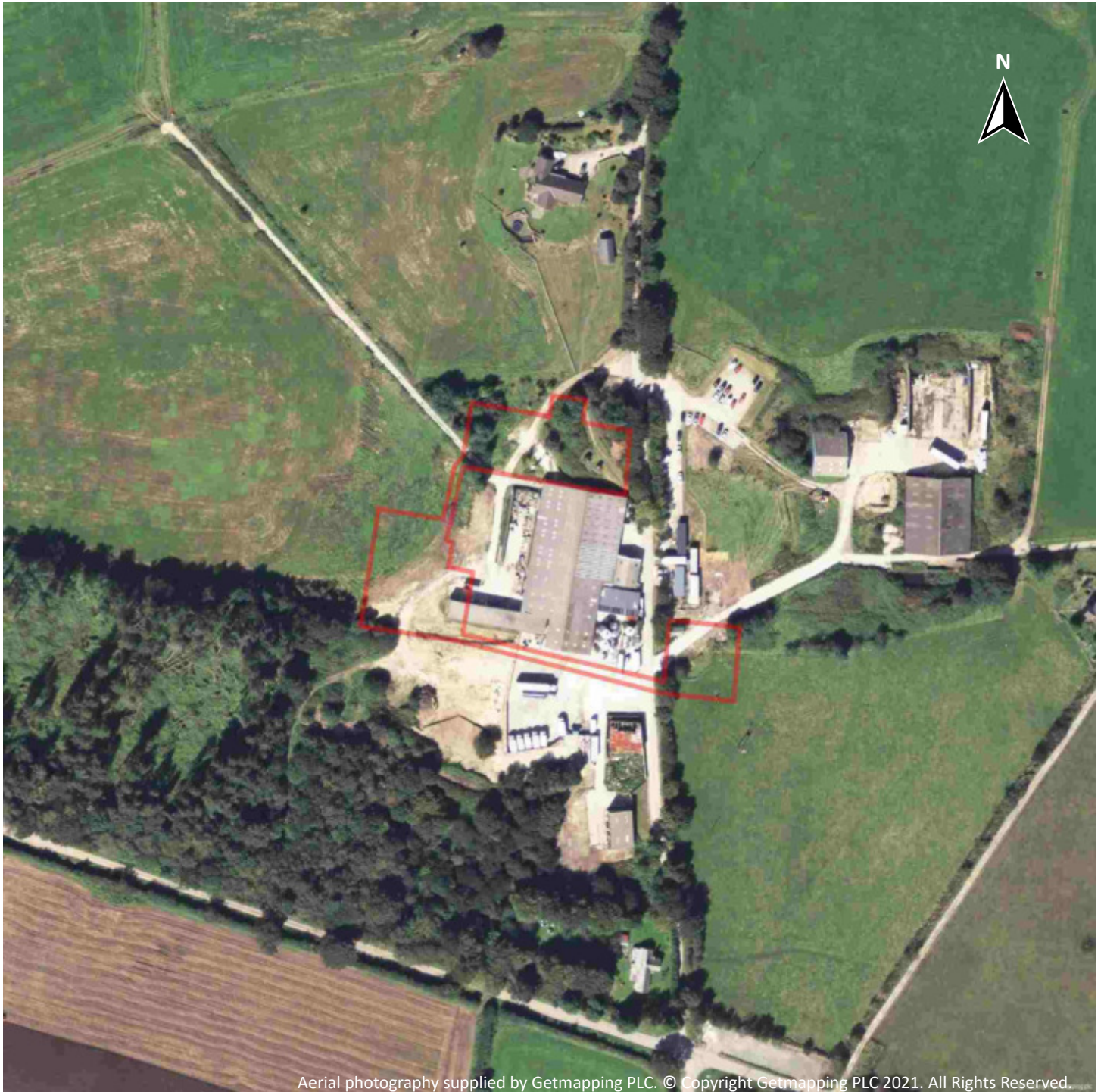


Capture Date: 23/08/2016

Site Area: 0.53ha



Recent site history - 2009 aerial photograph

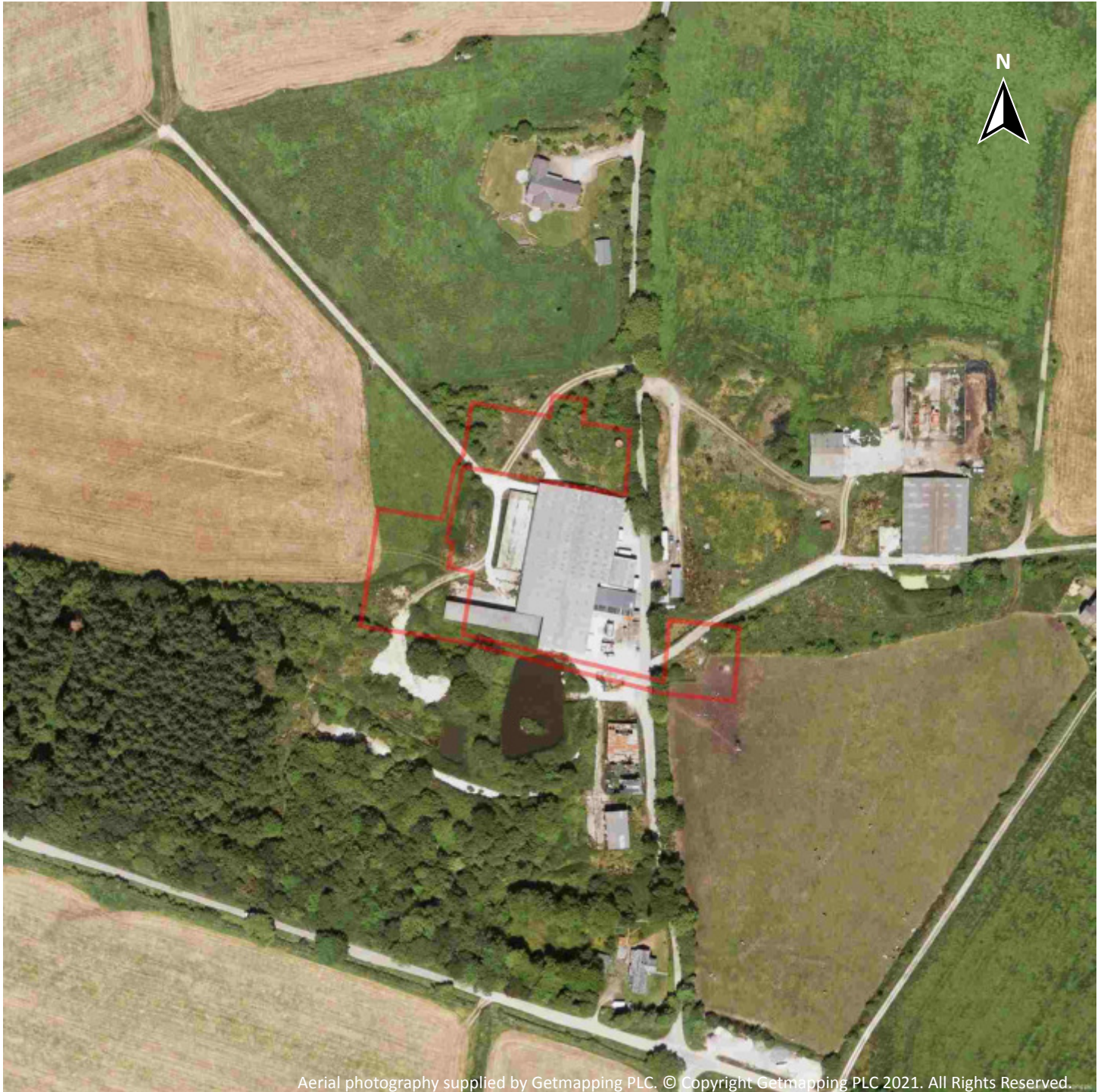


Capture Date: 10/09/2009

Site Area: 0.53ha



Recent site history - 2005 aerial photograph



Capture Date: 08/06/2005

Site Area: 0.53ha



Recent site history - 1999 aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2021. All Rights Reserved.

Capture Date: 24/07/1999

Site Area: 0.53ha



OS MasterMap site plan



Site Area: 0.53ha



1 Past land use



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1.1 Historical industrial land uses

Records within 500m

2

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
1	241m W	Unspecified Pit	1881	380548

ID	Location	Land use	Dates present	Group ID
2	286m SE	Unspecified Pit	1907 - 1958	416325

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

1

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
3	290m NW	Unspecified Tank	1973 - 1995	53474

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

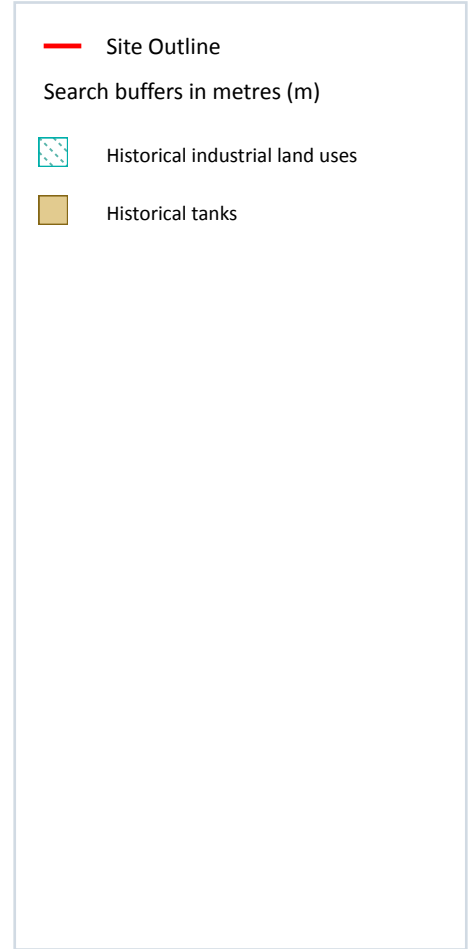
0

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



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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 17**

ID	Location	Land Use	Date	Group ID
1	241m W	Unspecified Pit	1881	380548
A	286m SE	Unspecified Pit	1958	416325
A	293m SE	Unspecified Pit	1907	416325

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 17**

ID	Location	Land Use	Date	Group ID
B	290m NW	Unspecified Tank	1995	53474
B	290m NW	Unspecified Tank	1973	53474

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 **31**

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 19**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Treating waste exemption	Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Use of mulch
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Incorporation of ash into soil
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Pig and poultry ash
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Burning of waste as a fuel in a small appliance
A	71m N	Greymare Farm Lostwithiel Cornwall PL22 0LW	EPR/TH0171C A/A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX226082	Using waste exemption	On a farm	Use of waste in construction
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX226082	Using waste exemption	On a farm	Use of mulch
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX226082	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX226082	Using waste exemption	On a farm	Incorporation of ash into soil
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX226082	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX111488	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX111488	Disposing of waste exemption	On a farm	Burning waste in the open
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX111488	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX076949	Using waste exemption	On a farm	Use of waste in construction
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX076949	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX076949	Using waste exemption	On a farm	Use of mulch
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX076949	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	85m N	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX076949	Using waste exemption	On a farm	Incorporation of ash into soil
B	119m S	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX252787	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
B	119m S	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX252787	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	119m S	GREY MARE FARM, THE FARMHOUSE, LOSTWITHEI, PL22 0LW	WEX252787	Disposing of waste exemption	On a farm	Burning waste in the open
1	145m S	Cormac Depot Greymare Farm Cornwall PL22 0LW	EPR/NF0506X V/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
C	180m E	Greymare Farm LOSTWITHEI Cornwall PL22 0LW	EPR/VE5742B U/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
C	180m E	Greymare Farm LOSTWITHIEL Cornwall PL22 0LW	EPR/VE5742B U/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
C	180m E	Greymare Farm LOSTWITHIEL Cornwall PL22 0LW	EPR/VE5742B U/A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on non- agricultural land to confer benefit

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- ◆ Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

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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 24**

ID	Location	Company	Address	Activity	Category
A	19m E	Solar Panels	Cornwall, PL22	Energy Production	Industrial Features
1	55m S	Electricity Sub Station	Cornwall, PL22	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
2	85m N	Cornish Farm Dairy Ltd	Greymare Farm, Lostwithiel, Cornwall, PL22 0LW	Dairy Farming	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 **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

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 24**

ID	Location	Address	Details	
4	456m NW	CORNISH FARM DAIRY LIMITED, GREYMARE FARM, LOSTWITHIEL	Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: EPRAB3991RQ Permit Version: 2 Receiving Water: GROUNDWATER VIA INFILT SYSTEM	Status: VARIED UNDER EPR 2010 Issue date: 09/10/2017 Effective Date: 09/10/2017 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

3

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

Features are displayed on the Current industrial land use map on **page 24**

ID	Location	Details	
A	14m E	Incident Date: 19/06/2003 Incident Identification: 167123 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Composted Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	40m NE	Incident Date: 09/07/2001 Incident Identification: 15060 Pollutant: Agricultural Materials and Wastes Pollutant Description: Slurry and Dilute Slurry	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3	333m W	Incident Date: 24/10/2001 Incident Identification: 38738 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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



4.19 Pollution inventory substances

Records within 500m

0

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

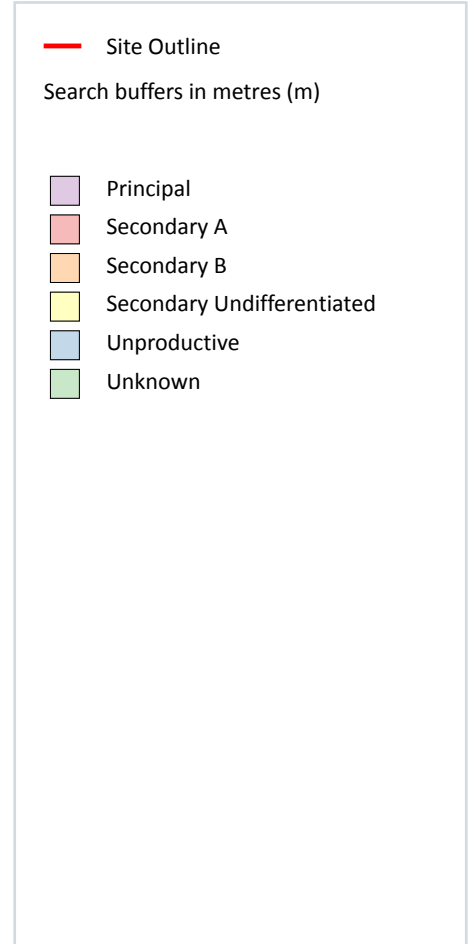
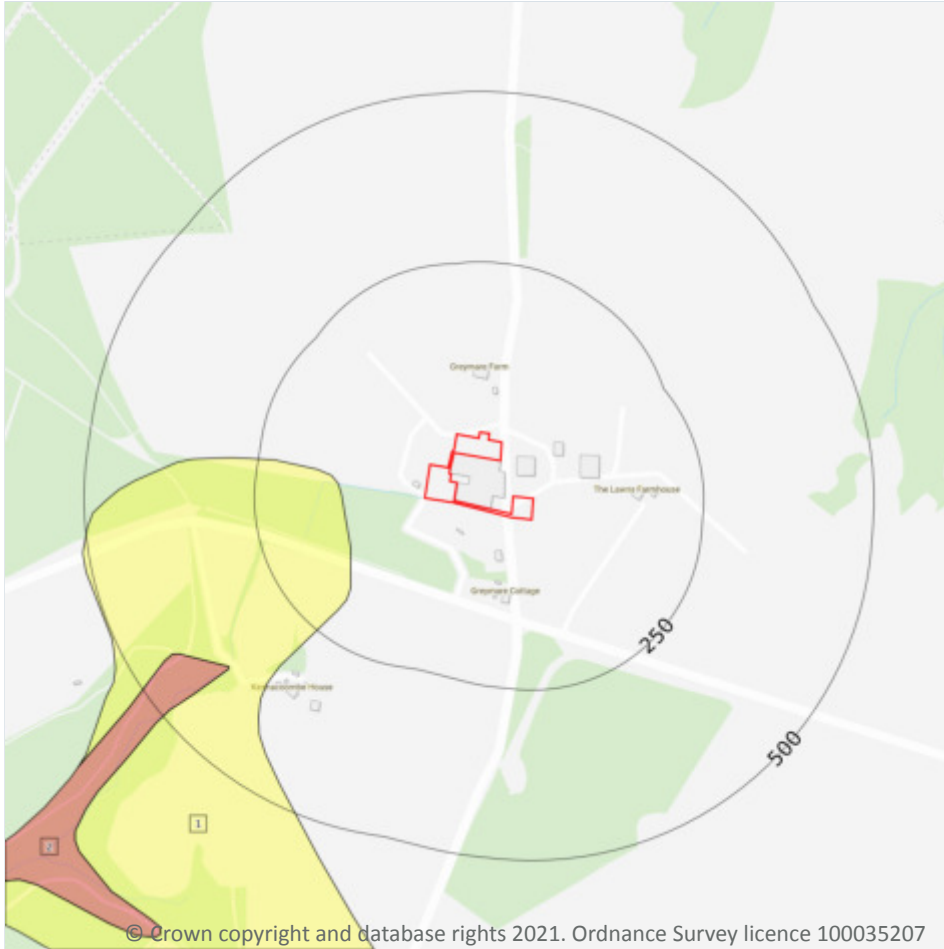
0

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

2

Aquifer status of groundwater held within superficial geology.

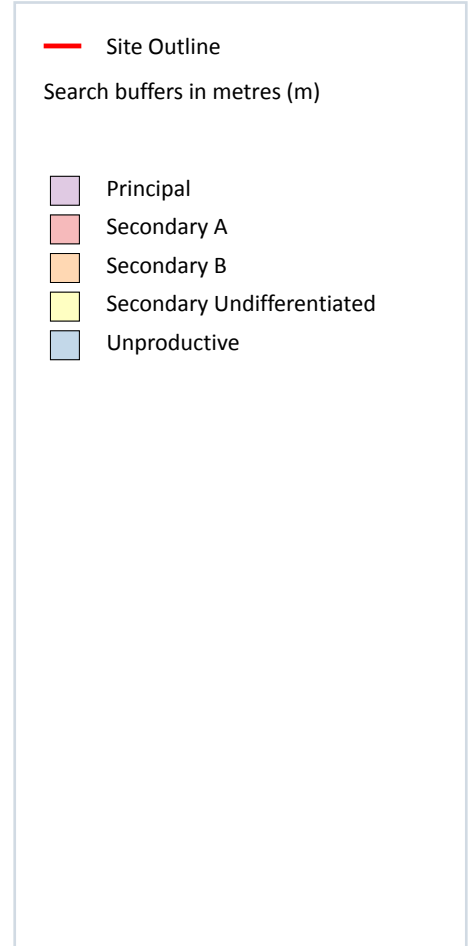
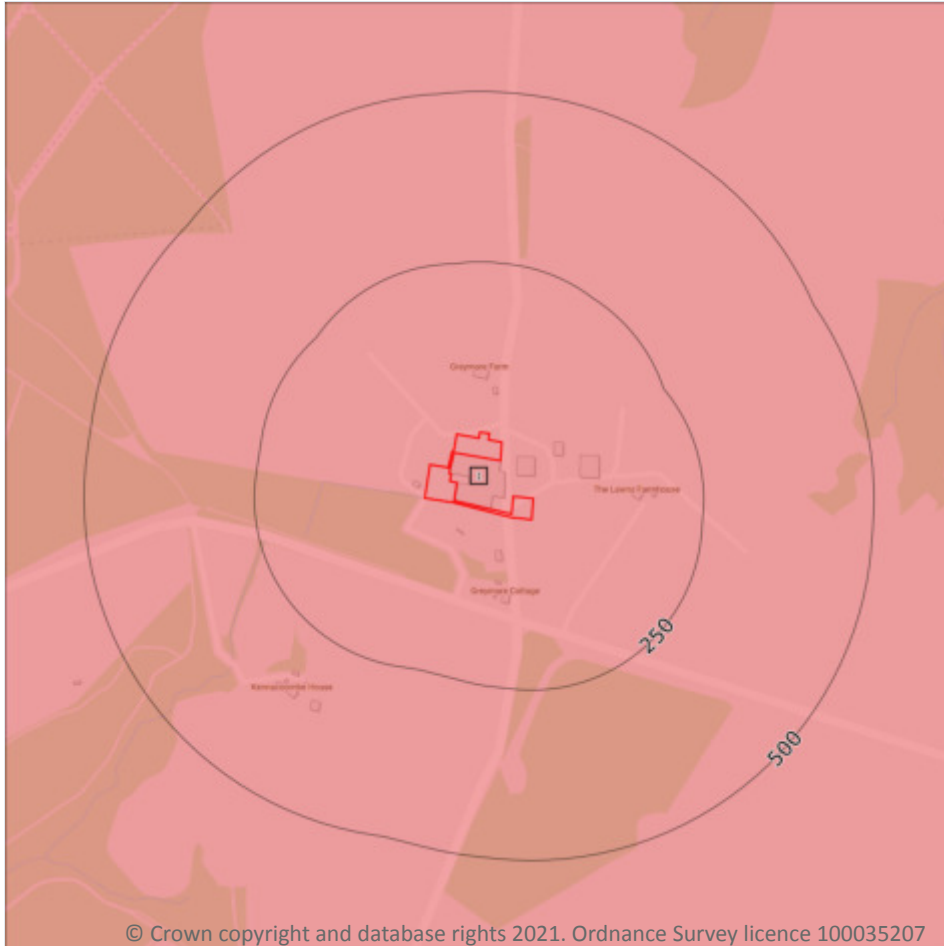
Features are displayed on the Hydrogeology map on **page 30**

ID	Location	Designation	Description
1	120m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	379m SW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

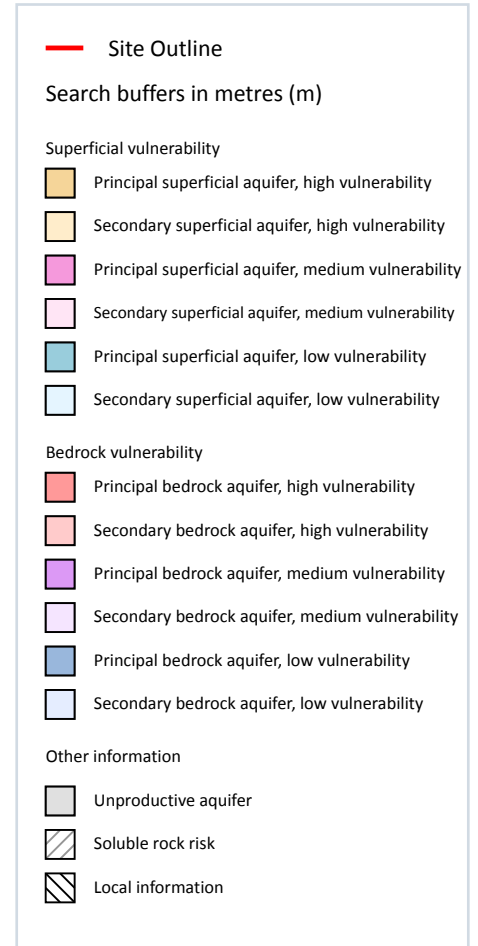
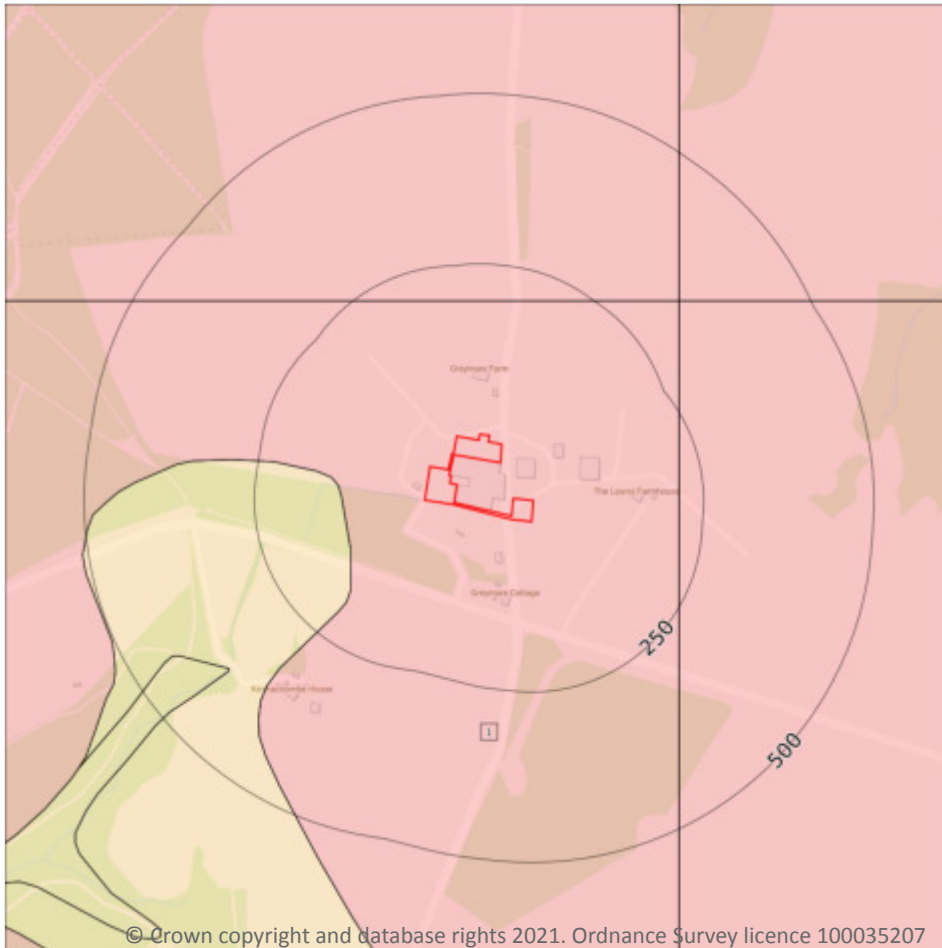
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 32**

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

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

1

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 33**

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

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

5.4 Groundwater vulnerability- soluble rock risk

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

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

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

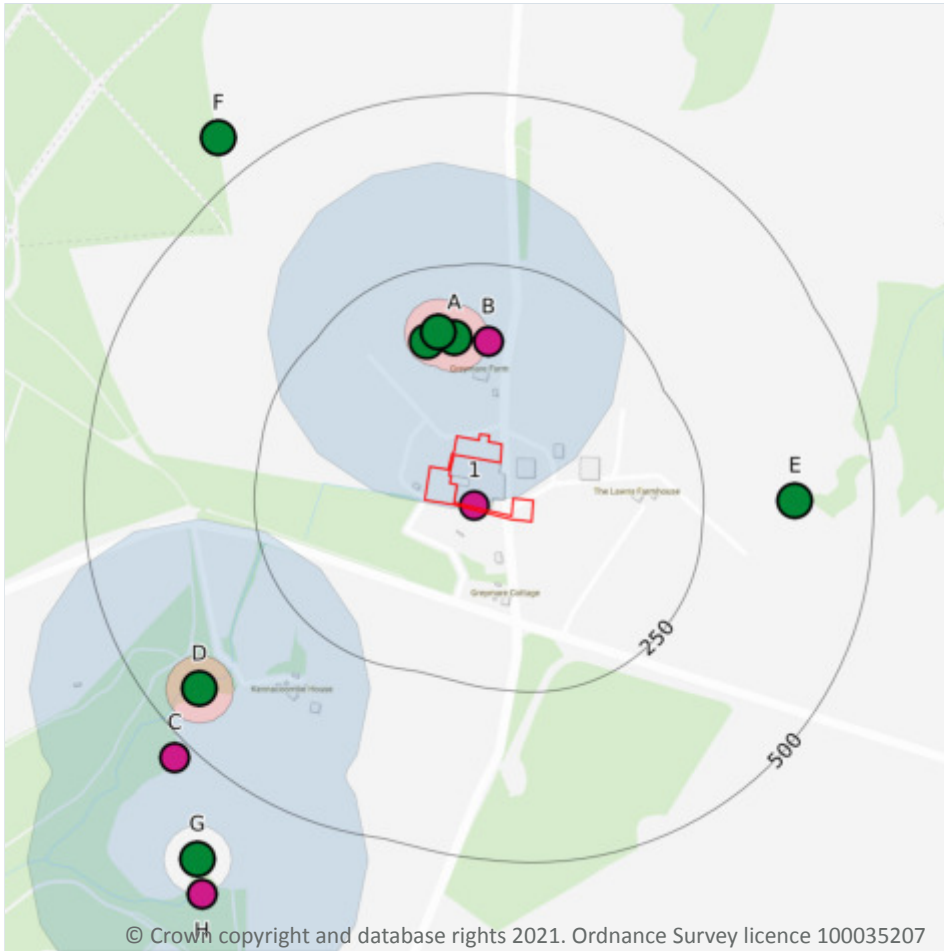
5.5 Groundwater vulnerability- local information

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

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

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

112

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	
1	2m N	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GRAYMARE FARM, ST. WINNOW - BOREHOLE Data Type: Point Name: Clarke Easting: 212700 Northing: 63700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/10/1985 Version End Date: -
B	136m N	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212720 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
B	136m N	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212720 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
B	136m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212720 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -



ID	Location	Details	
A	144m N	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -



ID	Location	Details	
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	144m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
A	144m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
A	144m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
A	145m N	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212630 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
A	145m N	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212630 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
A	145m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212630 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -



ID	Location	Details	
A	155m N	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -



ID	Location	Details	
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	155m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
A	155m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
A	155m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -



ID	Location	Details	
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R01 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R02 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -



ID	Location	Details	
E	384m E	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
E	384m E	Status: Active Licence No: 15/48/018/G/017/R03 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
E	384m E	Status: Active Licence No: 15/48/018/G/017/R03 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -



ID	Location	Details	
D	431m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -



ID	Location	Details	
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
D	431m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
D	431m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
D	431m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
C	526m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212260 Northing: 63330	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
C	526m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212260 Northing: 63330	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
C	526m SW	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212260 Northing: 63330	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -



ID	Location	Details	
F	560m NW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -



ID	Location	Details	
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
F	560m NW	Status: Active Licence No: 15/48/018/G/017/R03 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
F	560m NW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
F	560m NW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
G	623m SW	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -



ID	Location	Details	
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
G	623m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
G	623m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
G	623m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
H	663m SW	Status: Historical Licence No: 15/48/018/G/017 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212300 Northing: 63130	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
H	663m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212300 Northing: 63130	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
H	663m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Process Water Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212300 Northing: 63130	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -



ID	Location	Details	
-	1105m N	Status: Historical Licence No: 15/48/018/G/083 Details: Fish Farm/Cress Pond Throughflow Direct Source: Ground Water - Fresh Point: HAWKS TOR KILN - POINT C Data Type: Point Name: Zinn Easting: 212690 Northing: 64910	Annual Volume (m ³): 12742 Max Daily Volume (m ³): 34.91 Original Application No: - Original Start Date: 08/03/1983 Expiry Date: - Issue No: 100 Version Start Date: 27/11/1993 Version End Date: -
-	1117m E	Status: Historical Licence No: 15/48/018/G/095 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: PENADLAKE FARM - SPRING Data Type: Point Name: Trustees of the Braddock Estate Easting: 213900 Northing: 63800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/06/1990 Expiry Date: - Issue No: 100 Version Start Date: 18/06/1990 Version End Date: -
-	1117m E	Status: Historical Licence No: 15/48/018/G/095 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: PENADLAKE FARM - SPRING Data Type: Point Name: Trustees of the Braddock Estate Easting: 213900 Northing: 63800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/06/1990 Expiry Date: - Issue No: 100 Version Start Date: 18/06/1990 Version End Date: -
-	1143m W	Status: Historical Licence No: 15/48/018/G/077 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: BRANSTON FARM - SPRING Data Type: Point Name: Hoskins Easting: 211500 Northing: 63900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1993 Version End Date: -
-	1143m W	Status: Historical Licence No: 15/48/018/G/077 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - Fresh Point: BRANSTON FARM - SPRING Data Type: Point Name: Hoskins Easting: 211500 Northing: 63900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1993 Version End Date: -



ID	Location	Details	
-	1143m W	Status: Historical Licence No: 15/48/018/G/077 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: BRANSTON FARM - SPRING Data Type: Point Name: Hoskins Easting: 211500 Northing: 63900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1993 Version End Date: -
-	1146m N	Status: Historical Licence No: 15/48/018/G/083 Details: Fish Farm/Cress Pond Throughflow Direct Source: Ground Water - Fresh Point: HAWKS TOR KILN - POINT B Data Type: Point Name: Zinn Easting: 212750 Northing: 64950	Annual Volume (m ³): 12742 Max Daily Volume (m ³): 34.91 Original Application No: - Original Start Date: 08/03/1983 Expiry Date: - Issue No: 100 Version Start Date: 27/11/1993 Version End Date: -
-	1165m N	Status: Historical Licence No: 15/48/018/G/083 Details: Fish Farm/Cress Pond Throughflow Direct Source: Ground Water - Fresh Point: HAWKS TOR KILN - POINT A Data Type: Point Name: Zinn Easting: 212700 Northing: 64970	Annual Volume (m ³): 12742 Max Daily Volume (m ³): 34.91 Original Application No: - Original Start Date: 08/03/1983 Expiry Date: - Issue No: 100 Version Start Date: 27/11/1993 Version End Date: -
-	1168m W	Status: Historical Licence No: 15/48/018/G/082 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "HIGHER BOFARNEL, ST. WINNOW - BOREHOLE" Data Type: Point Name: Lobb Easting: 211500 Northing: 63400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/09/1981 Expiry Date: - Issue No: 101 Version Start Date: 26/10/2001 Version End Date: -
-	1168m W	Status: Historical Licence No: 15/48/018/G/082 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HIGHER BOFARNEL, ST. WINNOW - BOREHOLE Data Type: Point Name: Lobb Easting: 211500 Northing: 63400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/09/1981 Expiry Date: - Issue No: 101 Version Start Date: 26/10/2001 Version End Date: -



ID	Location	Details	
-	1599m S	Status: Historical Licence No: 15/48/174/G/009 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "FAIRY CROSS FARM, LOSTWITHIEL - WELL A" Data Type: Point Name: Mitchell Easting: 212500 Northing: 62100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 30/09/1991 Version End Date: -
-	1599m S	Status: Historical Licence No: 15/48/174/G/009 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: FAIRY CROSS FARM, LOSTWITHIEL - WELL A Data Type: Point Name: Mitchell Easting: 212500 Northing: 62100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 30/09/1991 Version End Date: -
-	1747m NE	Status: Historical Licence No: 15/48/018/G/092 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "CHAPELHAYES, BROADOAK - SPRING" Data Type: Point Name: Trustees of Mr A D G Fortescue's Braddock Estate Easting: 214000 Northing: 65000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/01/1988 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1988 Version End Date: -
-	1747m NE	Status: Historical Licence No: 15/48/018/G/092 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CHAPELHAYES, BROADOAK - SPRING Data Type: Point Name: Trustees of Mr A D G Fortescue's Braddock Estate Easting: 214000 Northing: 65000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/01/1988 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1988 Version End Date: -
-	1754m W	Status: Historical Licence No: 15/48/018/G/107 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "BREAN PARK FARM, ST. WINNOW - BOREHOLE" Data Type: Point Name: Hoskin Easting: 210900 Northing: 63400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 10/08/1998 Version End Date: -



ID	Location	Details	
-	1754m W	Status: Historical Licence No: 15/48/018/G/107 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: BREAN PARK FARM, ST. WINNOW - BOREHOLE Data Type: Point Name: Hoskin Easting: 210900 Northing: 63400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 10/08/1998 Version End Date: -
-	1814m NW	Status: Historical Licence No: 15/48/018/G/117 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: POINT B - WELL AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211650 Northing: 65300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -
-	1814m NW	Status: Historical Licence No: 15/48/018/G/117 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - Fresh Point: POINT B - WELL AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211650 Northing: 65300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -
-	1814m NW	Status: Historical Licence No: 15/48/018/G/117 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - Fresh Point: POINT B - WELL AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211650 Northing: 65300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -
-	1818m NW	Status: Historical Licence No: 15/48/018/G/066 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "GLYNN HOME FARM, CARDINHAM - TAPPED SPRING" Data Type: Point Name: Mitchell Easting: 211400 Northing: 65100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 30/07/1993 Version End Date: -



ID	Location	Details	
-	1818m NW	Status: Historical Licence No: 15/48/018/G/066 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GLYNN HOME FARM, CARDINHAM - TAPPED SPRING Data Type: Point Name: Mitchell Easting: 211400 Northing: 65100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 30/07/1993 Version End Date: -
-	1843m NW	Status: Historical Licence No: 15/48/018/G/014 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GLYNN BARTON FARM, CARDINHAM - WELL Data Type: Point Name: Mindel Easting: 211600 Northing: 65300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 05/07/1985 Version End Date: -
-	1890m NW	Status: Historical Licence No: 15/48/018/G/053 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "GLYNN HOME FARM, CARDINHAM - WELL" Data Type: Point Name: Mitchell Easting: 211300 Northing: 65100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/08/1970 Expiry Date: - Issue No: 100 Version Start Date: 17/07/1987 Version End Date: -
-	1890m NW	Status: Historical Licence No: 15/48/018/G/053 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GLYNN HOME FARM, CARDINHAM - WELL Data Type: Point Name: Mitchell Easting: 211300 Northing: 65100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/08/1970 Expiry Date: - Issue No: 100 Version Start Date: 17/07/1987 Version End Date: -
-	1903m NW	Status: Historical Licence No: 15/48/018/G/117 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - Fresh Point: POINT A - BOREHOLE AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211610 Northing: 65380	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -



ID	Location	Details	
-	1903m NW	Status: Historical Licence No: 15/48/018/G/117 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: POINT A - BOREHOLE AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211610 Northing: 65380	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -
-	1903m NW	Status: Historical Licence No: 15/48/018/G/117 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - Fresh Point: POINT A - BOREHOLE AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211610 Northing: 65380	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

2

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	
-	1627m W	Status: Historical Licence No: 15/48/018/S/044 Details: Lake & Pond Throughflow Direct Source: Surface Water - Fresh Point: "LANDS AT LANHYDROCK HOUSE, LANHYDROCK" Data Type: Point Name: The National Trust Easting: 211100 Northing: 64300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/10/1993 Expiry Date: - Issue No: 100 Version Start Date: 26/05/1994 Version End Date: -



ID	Location	Details	
-	1627m W	Status: Historical Licence No: 15/48/018/S/044 Details: Lake & Pond Throughflow Direct Source: Surface Water - Fresh Point: LANDS AT LANHYDROCK HOUSE, LANHYDROCK Data Type: Point Name: The National Trust Easting: 211100 Northing: 64300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/10/1993 Expiry Date: - Issue No: 100 Version Start Date: 26/05/1994 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	32
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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 35**

ID	Location	Details	
B	136m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212720 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -



ID	Location	Details	
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	144m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	144m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE A Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212670 Northing: 63946	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
A	145m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212630 Northing: 63940	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -

ID	Location	Details	
A	155m N	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	155m N	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
A	155m N	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE B Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212646 Northing: 63954	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
E	384m E	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
E	384m E	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
E	384m E	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE F Data Type: Point Name: Cornish Farm Dairy Limited Easting: 213170 Northing: 63707	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
D	431m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
D	431m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
D	431m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212296 Northing: 63431	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -



ID	Location	Details	
C	526m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING C Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212260 Northing: 63330	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
F	560m NW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -



ID	Location	Details	
F	560m NW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE BOREHOLE E Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212324 Northing: 64239	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 104 Version Start Date: 01/01/2015 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R01 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
G	623m SW	Status: Historical Licence No: 15/48/018/G/017/R02 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2020 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -



ID	Location	Details	
G	623m SW	Status: Active Licence No: 15/48/018/G/017/R03 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212293 Northing: 63181	Annual Volume (m ³): 51,647 Max Daily Volume (m ³): 150 Original Application No: - Original Start Date: 01/04/2020 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2020 Version End Date: -
H	663m SW	Status: Historical Licence No: 15/48/018/G/017 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: GREYMARE SPRING D Data Type: Point Name: Cornish Farm Dairy Limited Easting: 212300 Northing: 63130	Annual Volume (m ³): 13322 Max Daily Volume (m ³): 36.5 Original Application No: - Original Start Date: 31/03/1966 Expiry Date: 31/03/2016 Issue No: 102 Version Start Date: 11/09/2013 Version End Date: -
-	1117m E	Status: Historical Licence No: 15/48/018/G/095 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: PENADLAKE FARM - SPRING Data Type: Point Name: Trustees of the Braddock Estate Easting: 213900 Northing: 63800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/06/1990 Expiry Date: - Issue No: 100 Version Start Date: 18/06/1990 Version End Date: -
-	1143m W	Status: Historical Licence No: 15/48/018/G/077 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Ground Water - Fresh Point: BRANSTON FARM - SPRING Data Type: Point Name: Hoskins Easting: 211500 Northing: 63900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/07/1993 Version End Date: -



ID	Location	Details	
-	1814m NW	Status: Historical Licence No: 15/48/018/G/117 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - Fresh Point: POINT B - WELL AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211650 Northing: 65300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -
-	1903m NW	Status: Historical Licence No: 15/48/018/G/117 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - Fresh Point: POINT A - BOREHOLE AT GLYNN BARTON Data Type: Point Name: Glynn Barton Farm Cottages Easting: 211610 Northing: 65380	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/01/2004 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 26/01/2004 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m

4

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
A	On site	2	Outer catchment
A	94m N	1	Inner catchment
C	184m SW	2	Outer catchment
D	382m SW	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

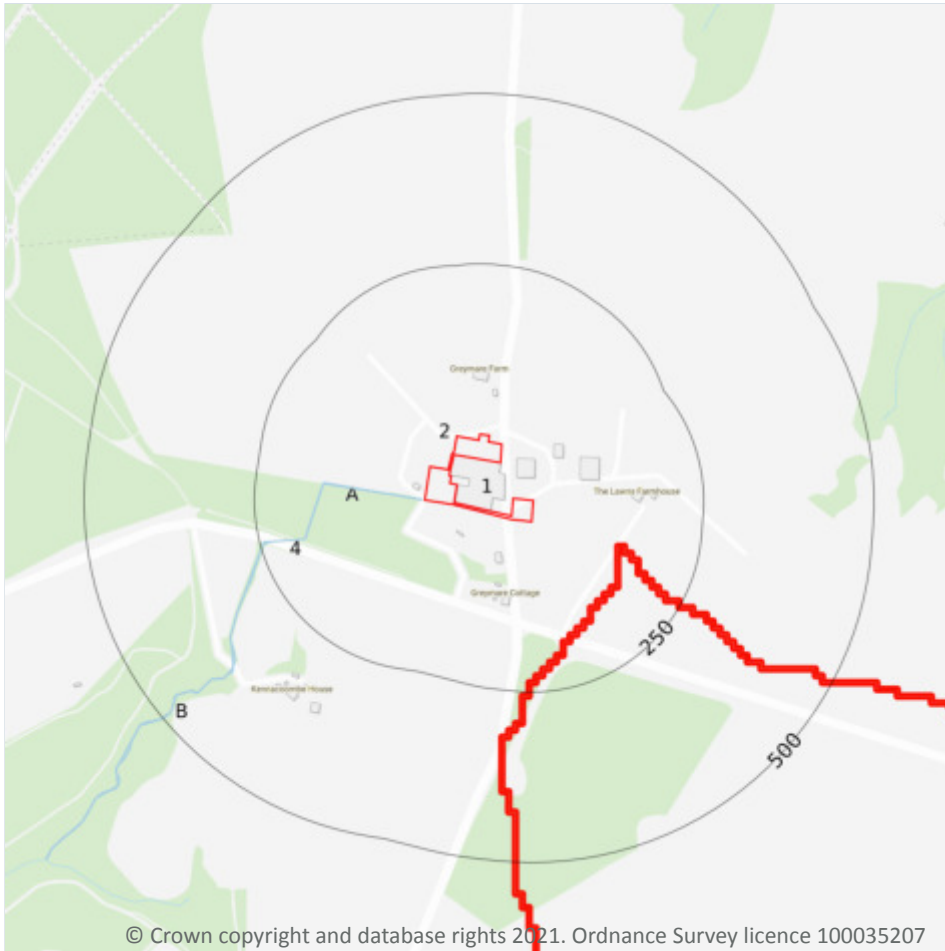
0

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



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- 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

3

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 69**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	3m 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
4	184m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	235m 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	2
----------------------------	----------

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 69**

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 69**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Lower River Fowey	GB108048001420	Fowey	North Cornwall, Seaton, Looe and Fowey

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 69**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1181m N	River	Lower River Fowey	GB108048001420	Good	Good	Good	2016

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 69**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Looe and Fowey	GB40802G806600	Poor	Poor	Good	2015

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 Sea (RoFRaS)

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; 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).

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

7.2 Historical Flood Events

Records within 250m

0

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

0

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

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



7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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.

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

7.7 Flood Zone 3

Records within 50m

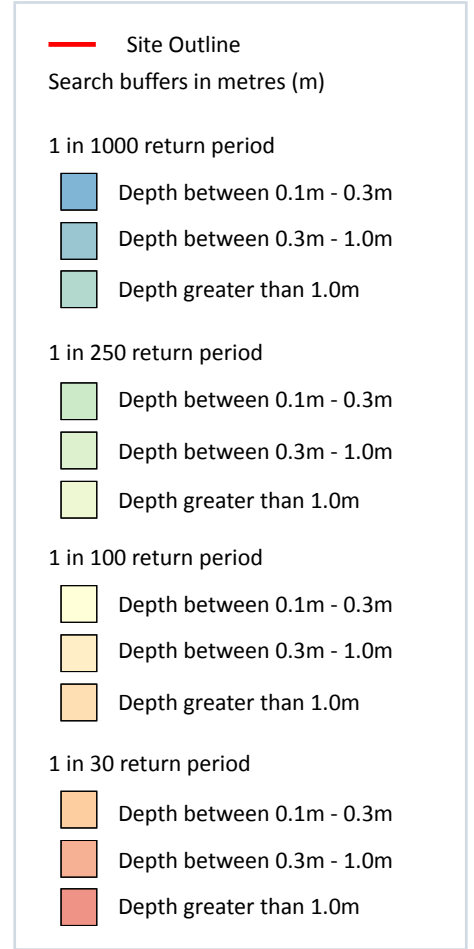
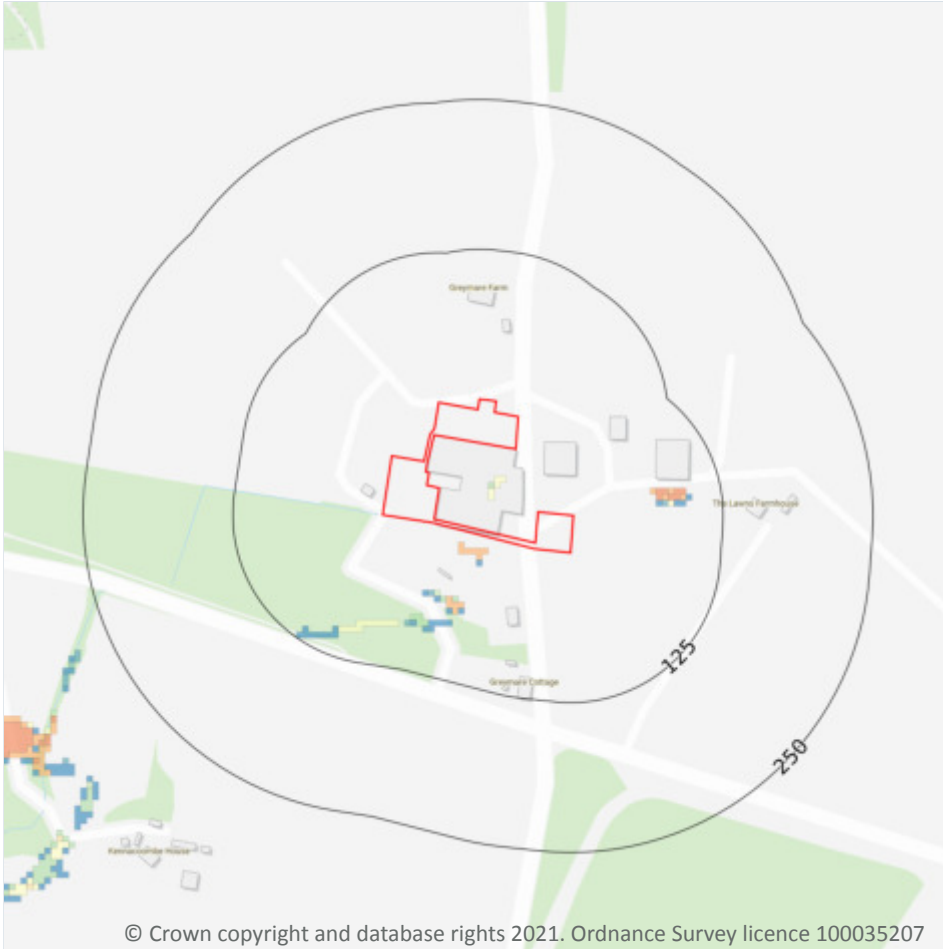
0

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.

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

Negligible

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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 75**

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

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 77**

This data is sourced from Ambient Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Designated Ancient Woodland

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

8

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 78**

ID	Location	Name	Woodland Type
1	563m NE	Newbridge Wood	Ancient Replanted Woodland
2	820m N	Newbridge Wood	Ancient Replanted Woodland
3	1115m NW	Newbridge Wood	Ancient & Semi-Natural Woodland
4	1347m N	Leball/cabilla Woods	Ancient Replanted Woodland
-	1446m N	Leball/cabilla Woods	Ancient & Semi-Natural Woodland
-	1561m N	Leball/cabilla Woods	Ancient & Semi-Natural Woodland
7	1585m SE	Boconnoc Park Wood	Ancient & Semi-Natural Woodland
-	1719m N	Leball/cabilla Woods	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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



10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

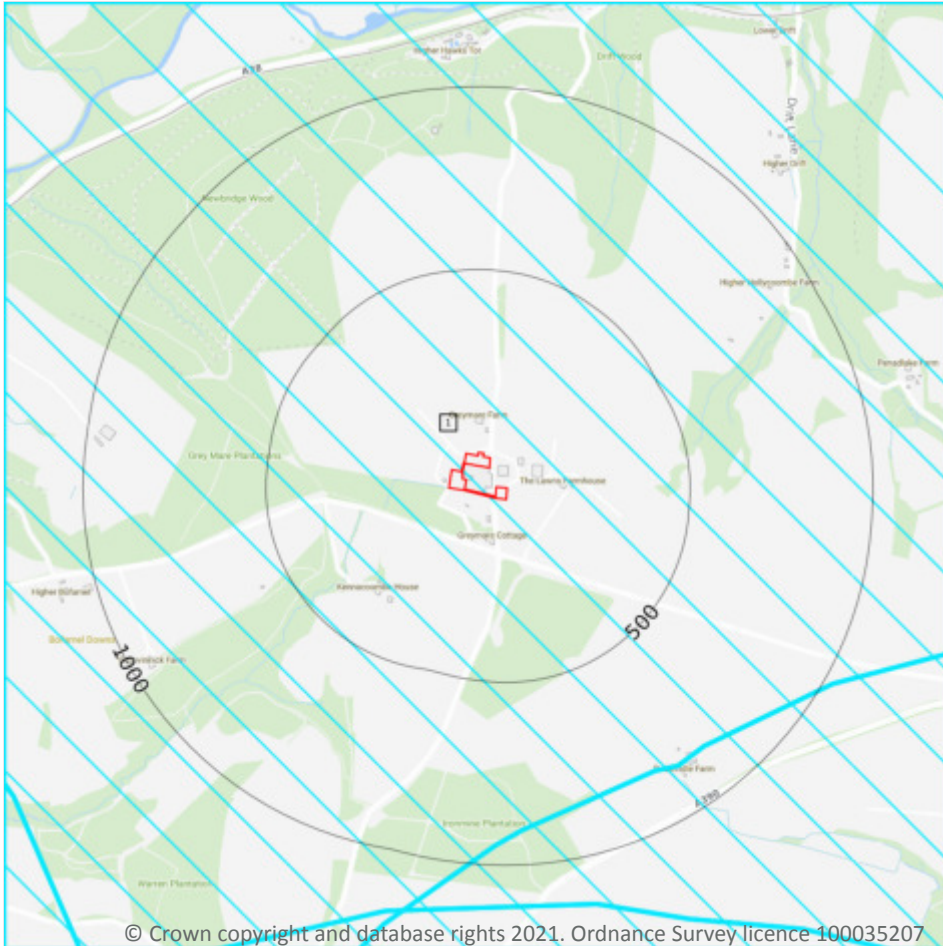
0

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.

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



SSSI Impact Zones and Units



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

10.17 SSSI Impact Risk Zones

Records on site

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 83**

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 > 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.

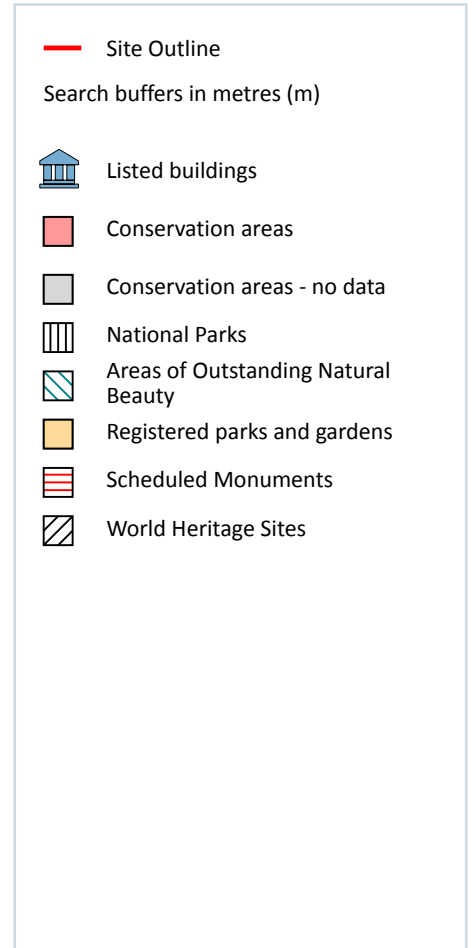
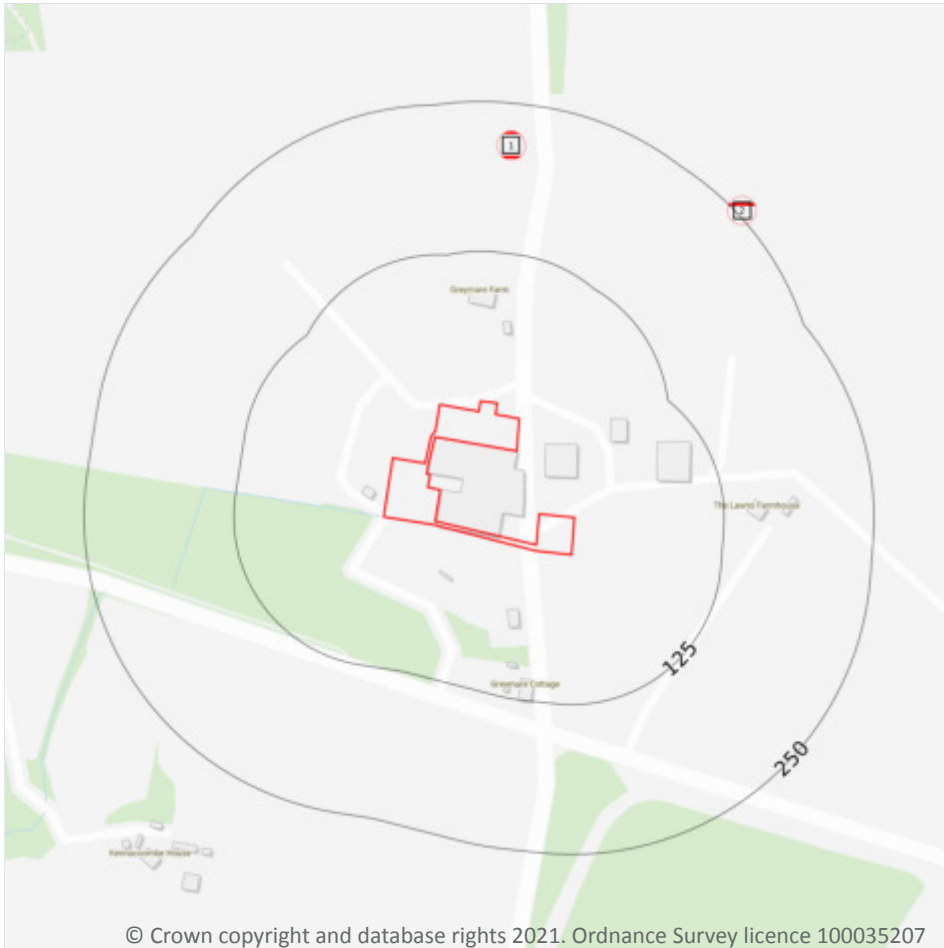
10.18 SSSI Units

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 English Heritage, 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 English Heritage, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

2

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

Features are displayed on the Visual and cultural designations map on **page 85**

ID	Location	Ancient monument name	Reference number
1	203m N	Four bowl barrows north of Greymare Farm, forming part of a round barrow cemetery	1003080
2	243m NE	Four bowl barrows north of Greymare Farm, forming part of a round barrow cemetery	1003080

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

11.7 Registered Parks and Gardens

Records within 250m

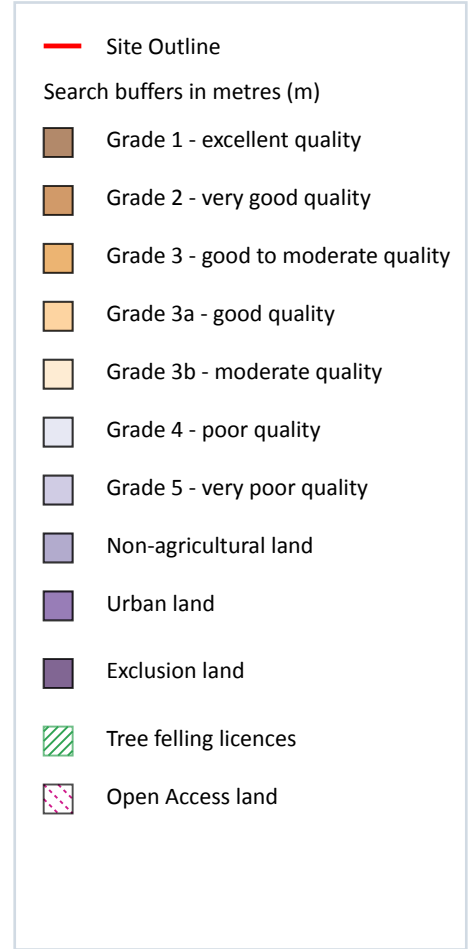
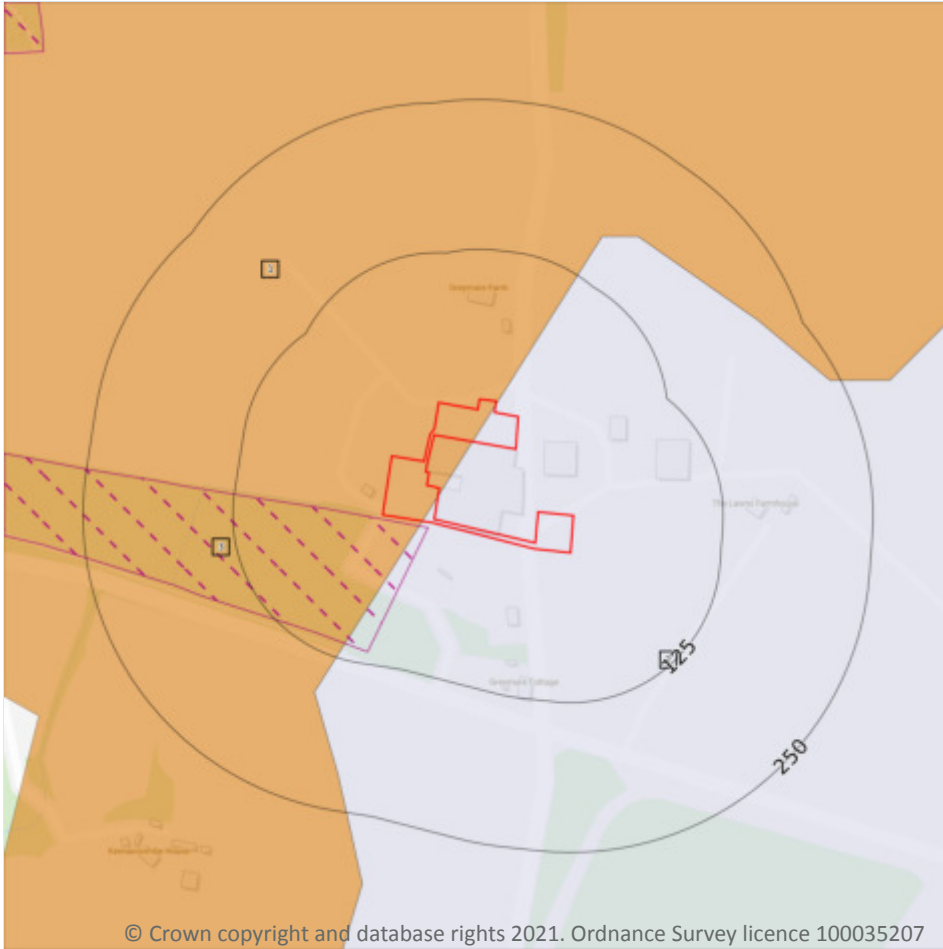
0

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 English Heritage, Cadw and Historic Environment Scotland.



12 Agricultural designations



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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 88**

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

ID	Location	Classification	Description
2	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

This data is sourced from Natural England.

12.2 Open Access Land

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

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.

Features are displayed on the Agricultural designations map on **page 88**

ID	Location	Name	Classification	Other relevant legislation
3	4m S	PEN/30148	Section 16 Dedicated Land	-

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

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

Location	Reference	Scheme	Start Date	End date
15m NW	AG00498790	Entry Level Stewardship	01/10/2013	30/09/2018

Location	Reference	Scheme	Start Date	End date
41m NE	AG00498790	Entry Level Stewardship	01/10/2013	30/09/2018
135m SW	AG00498790	Entry Level Stewardship	01/10/2013	30/09/2018

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

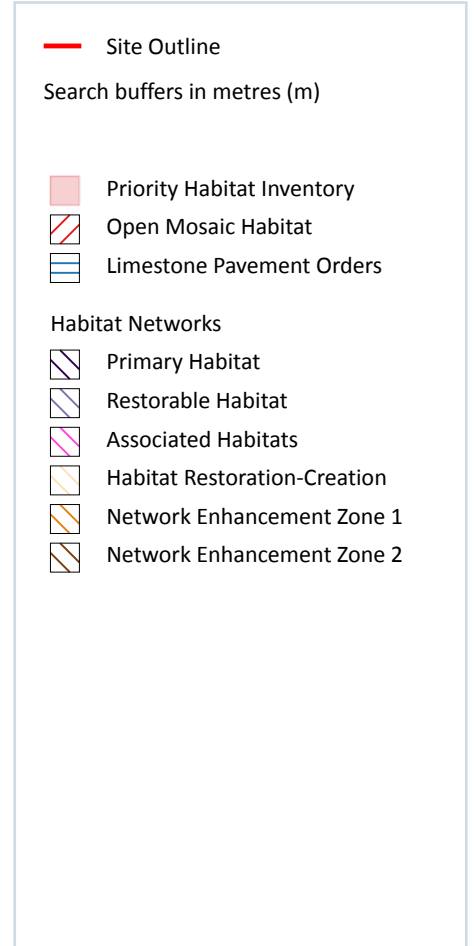
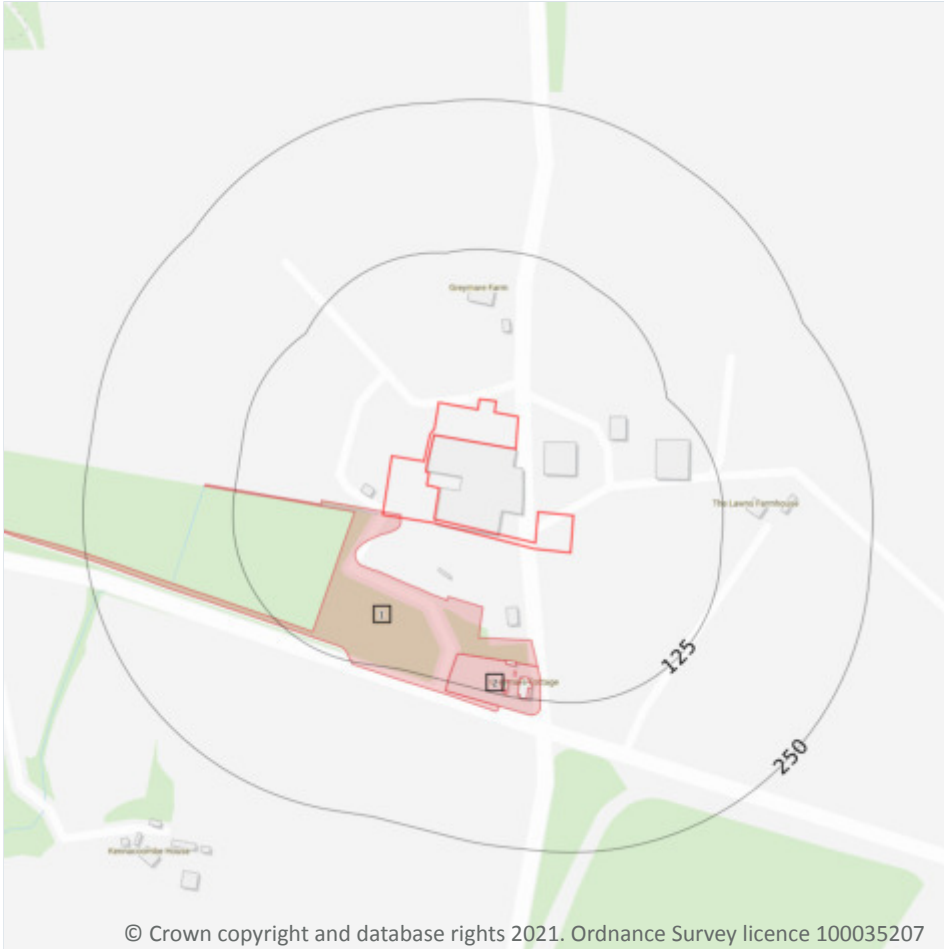
Records within 250m

0

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.

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 91**

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	96m S	No main habitat but additional habitats present	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

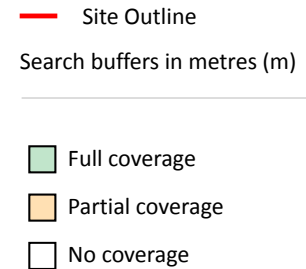
0

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



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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 93**

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

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

14.3 Superficial geology (10k)

Records within 500m

0

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.

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

14.5 Bedrock geology (10k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

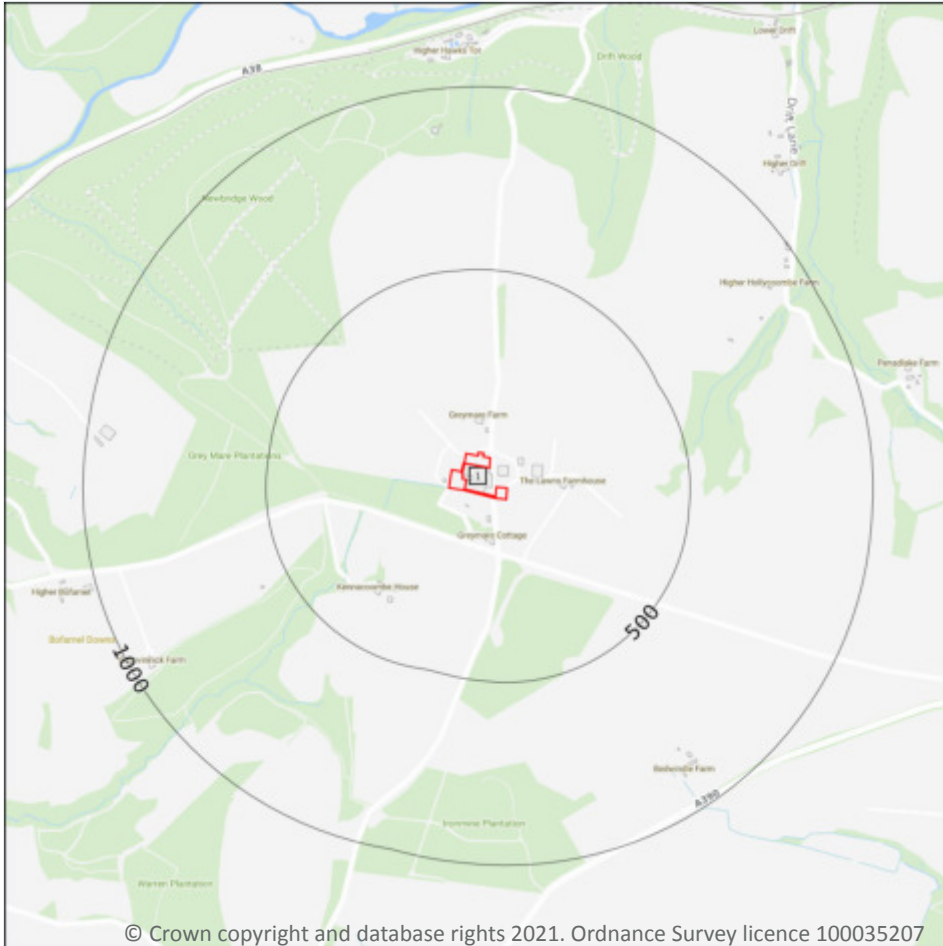
0

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 97**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW347_bodmin_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

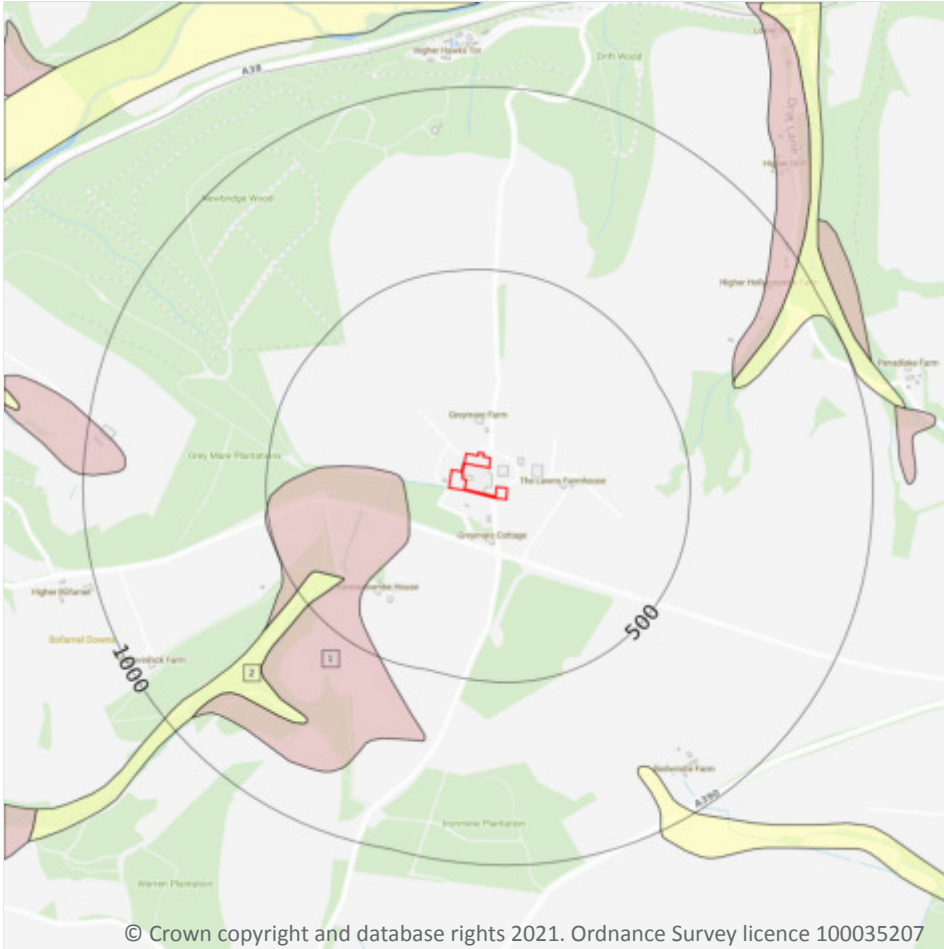
0

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.

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15.4 Superficial geology (50k)

Records within 500m

2

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 99**

ID	Location	LEX Code	Description	Rock description
1	120m W	HEAD- XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
2	379m SW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial 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 superficial deposits (the zone between the land surface and the water table).

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

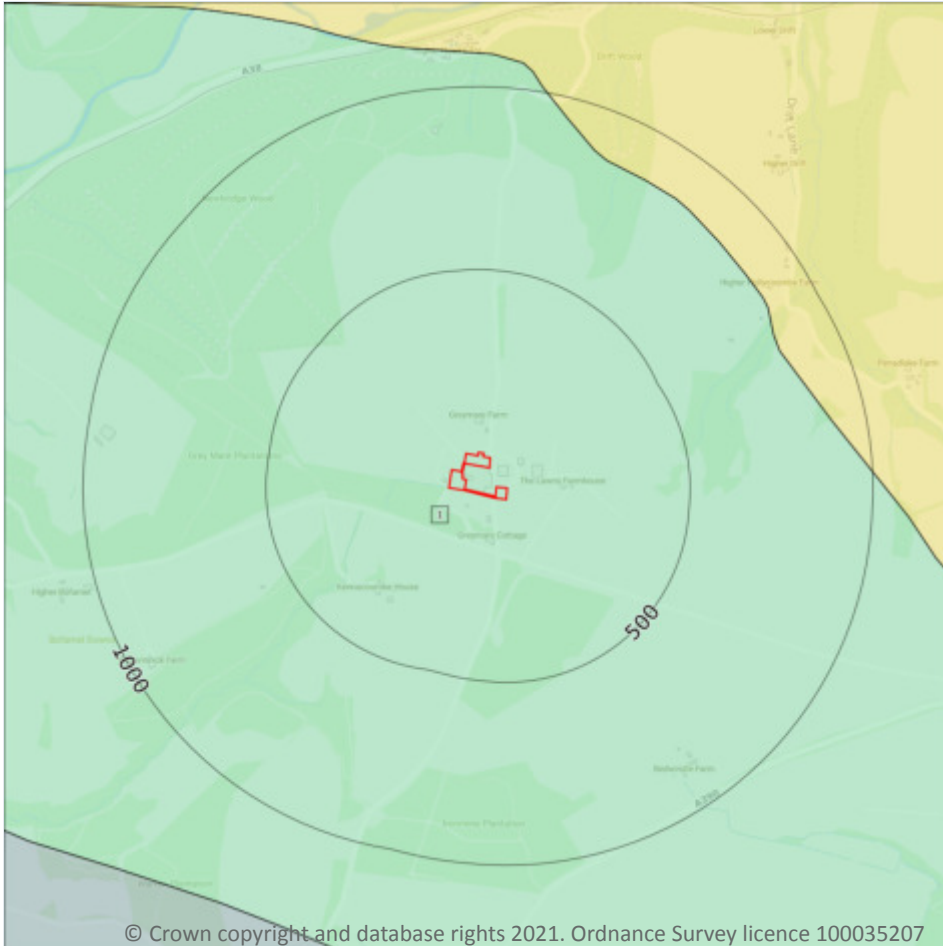
0

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.

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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	STG-SDSM	STADDON FORMATION - SANDSTONE, SILTSTONE AND MUDSTONE	EMSIAN

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	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

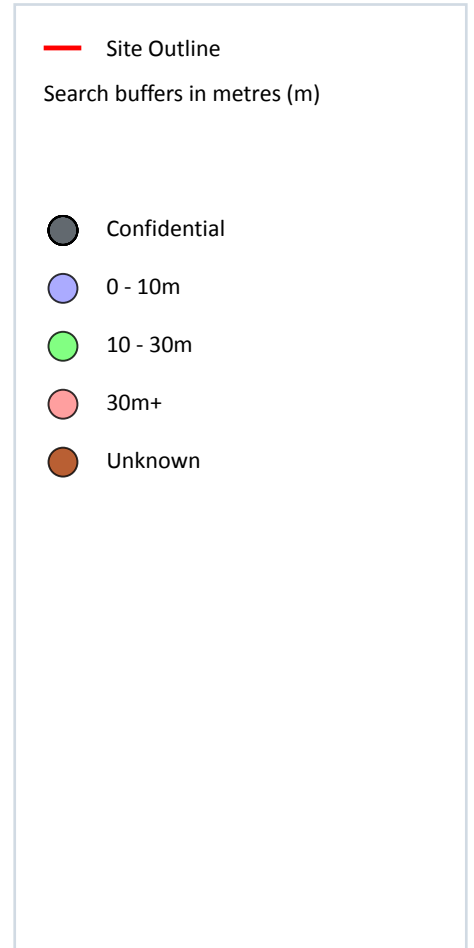
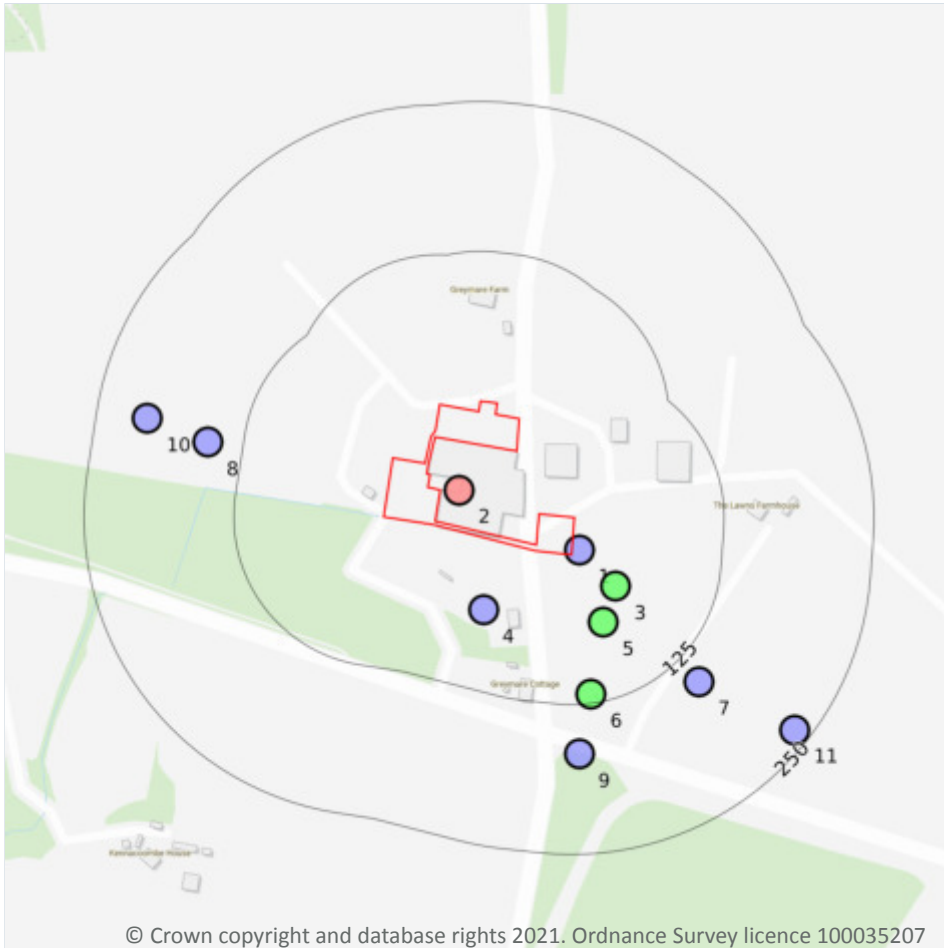
Records within 500m

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



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16.1 BGS Boreholes

Records within 250m

11

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**

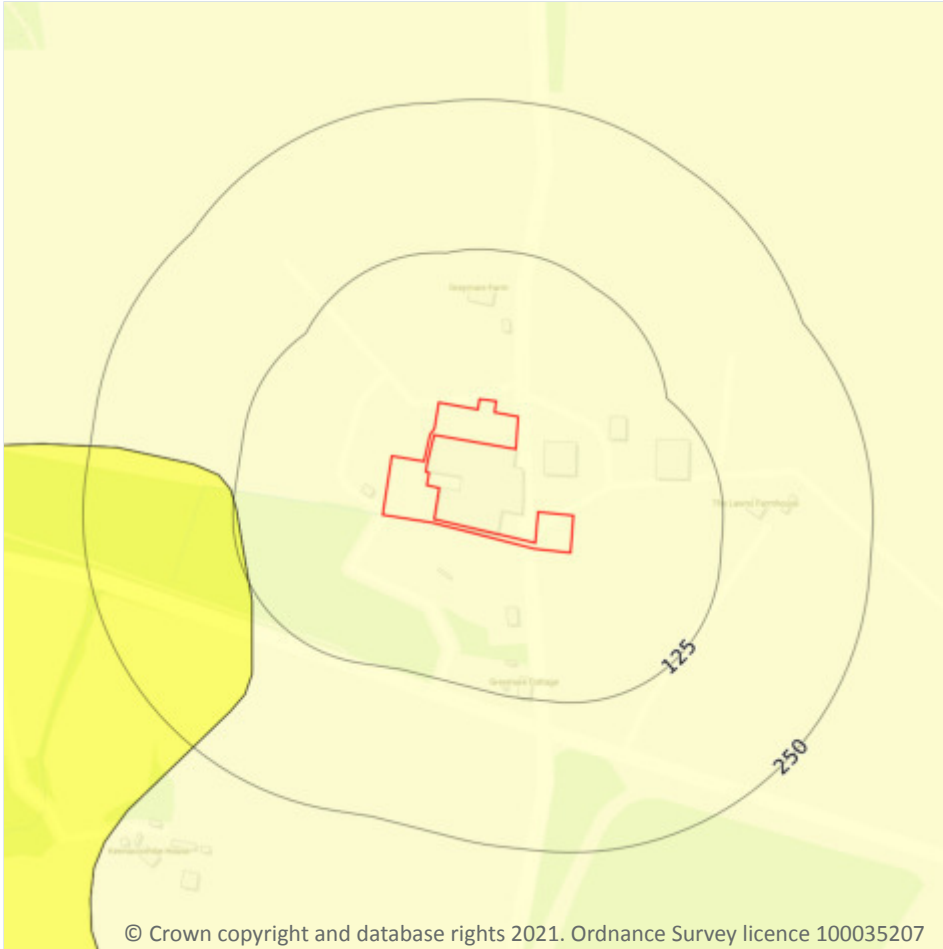
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	6m E	212790 63680	A38 LISKEARD-BODMIN 3074A	4.0	N	700900
2	16m E	212690 63730	GREYMARE FARM, LOSTWITHIEL	39.93	N	700930
3	45m SE	212820 63650	A38 LISKEARD-BODMIN 3074	16.0	N	700899

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	59m S	212710 63630	A38 LISKEARD-BODMIN TP 3073	3.0	N	700898
5	62m SE	212810 63620	A38 LISKEARD-BODMIN 3075	16.0	N	700901
6	117m S	212800 63560	A38 LISKEARD-BODMIN 3076	16.0	N	700902
7	150m SE	212890 63570	A38 LISKEARD-BODMIN 3077	10.0	N	700904
8	155m W	212480 63770	A38 LISKEARD-BODMIN TP 3071	4.0	N	700865
9	166m S	212790 63510	A38 LISKEARD-BODMIN TP 3076A	3.0	N	700903
10	207m W	212430 63790	A38 LISKEARD-BODMIN 3070(R)	10.0	N	700864
11	237m SE	212970 63530	A38 LISKEARD-BODMIN TP 3078	3.0	N	700905

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

1

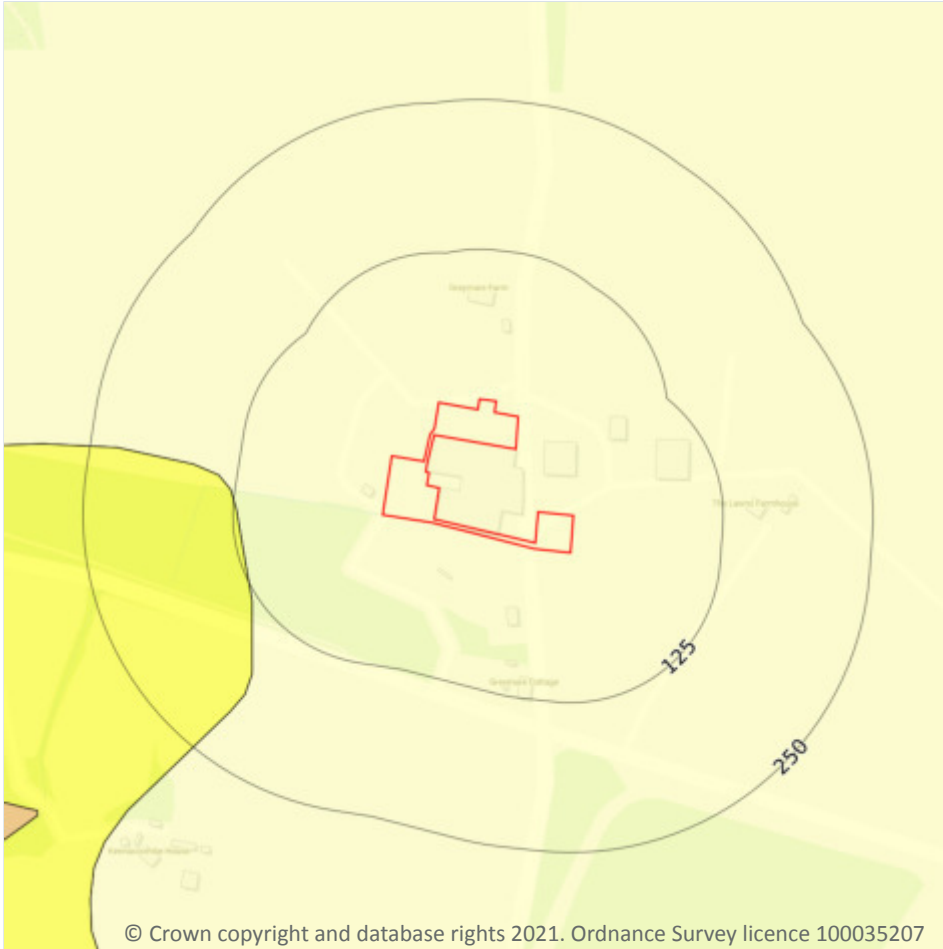
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 105**

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

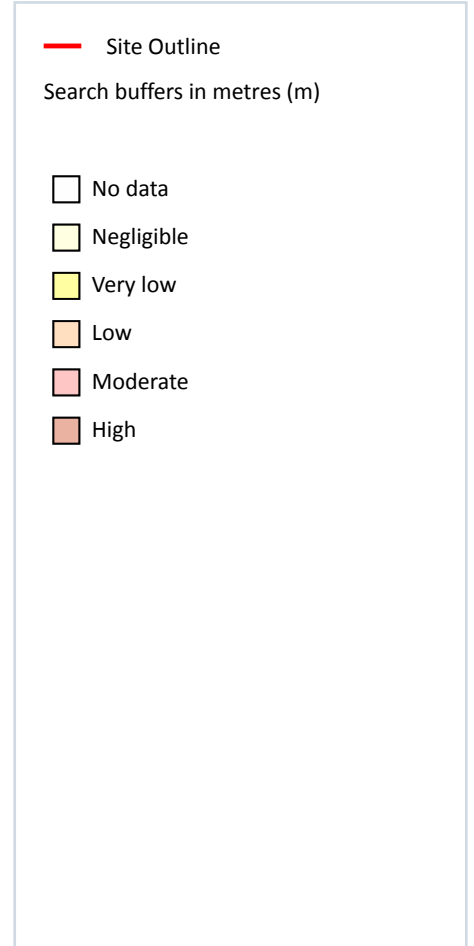
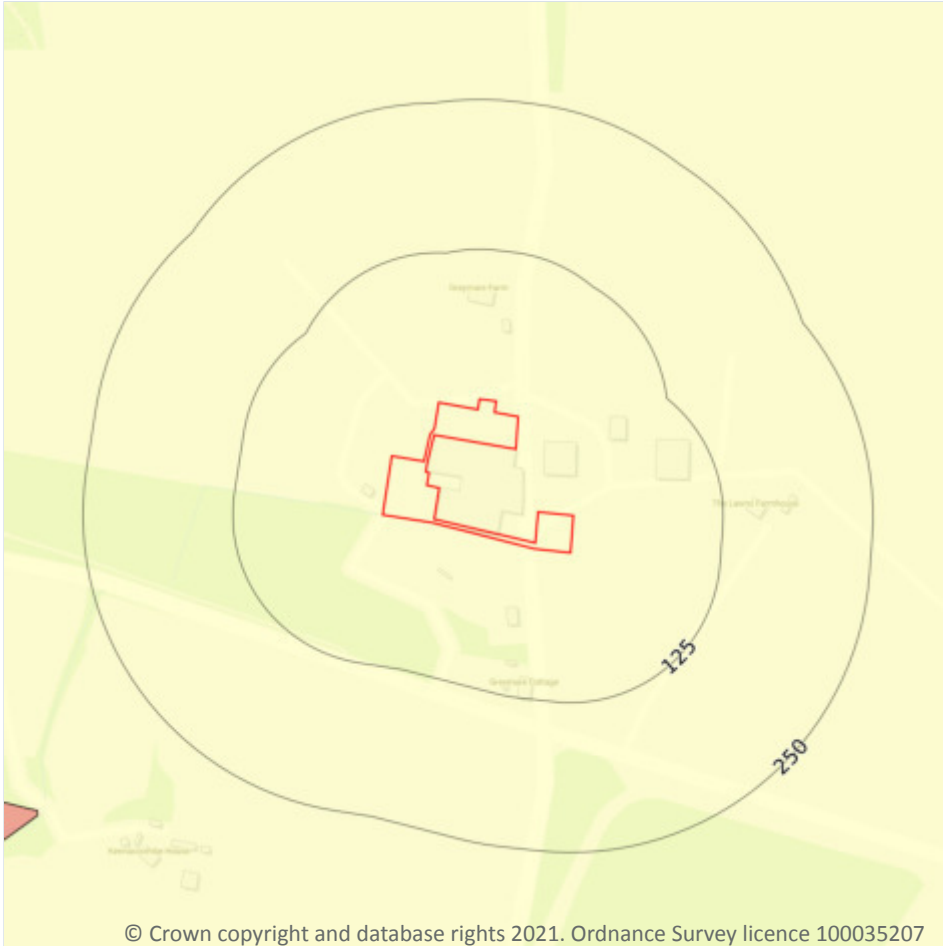
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 106**

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.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

1

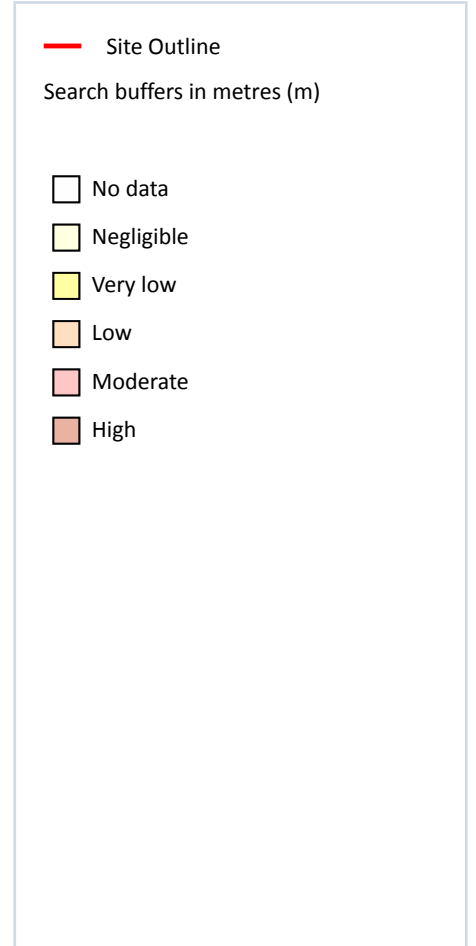
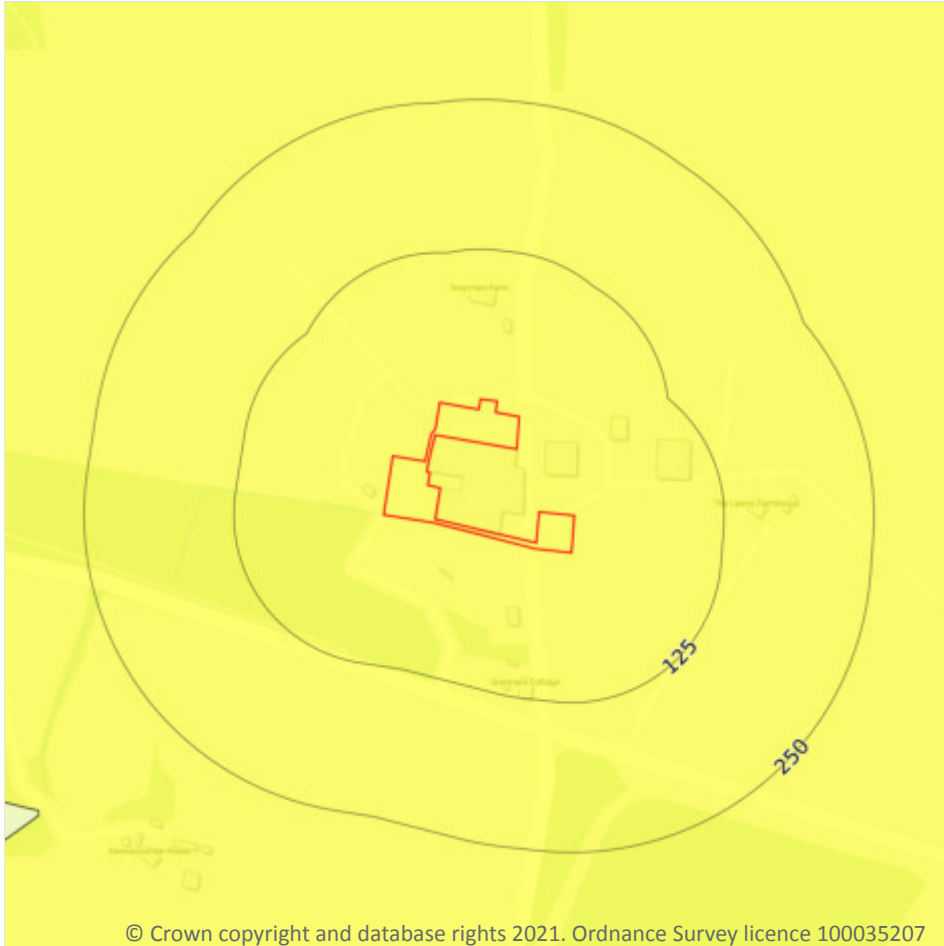
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 107**

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



17.4 Collapsible deposits

Records within 50m

1

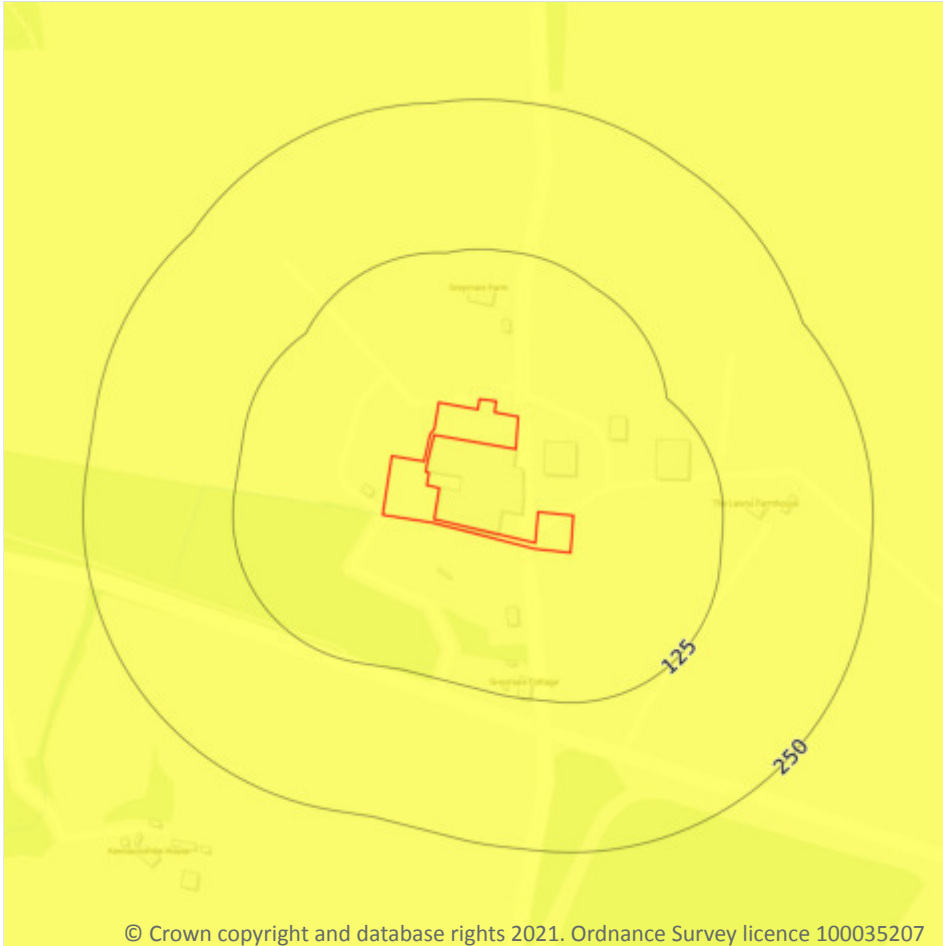
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 108**

Location	Hazard rating	Details
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.

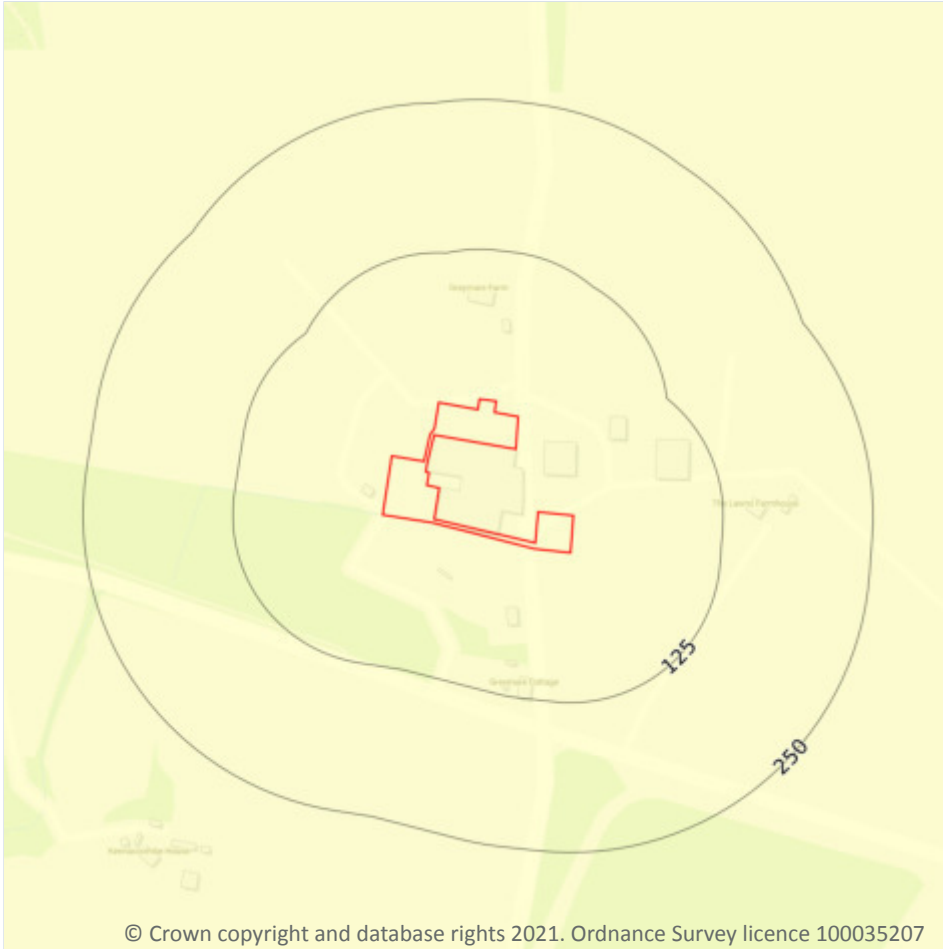
Features are displayed on the Natural ground subsidence - Landslides map on **page 109**

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.

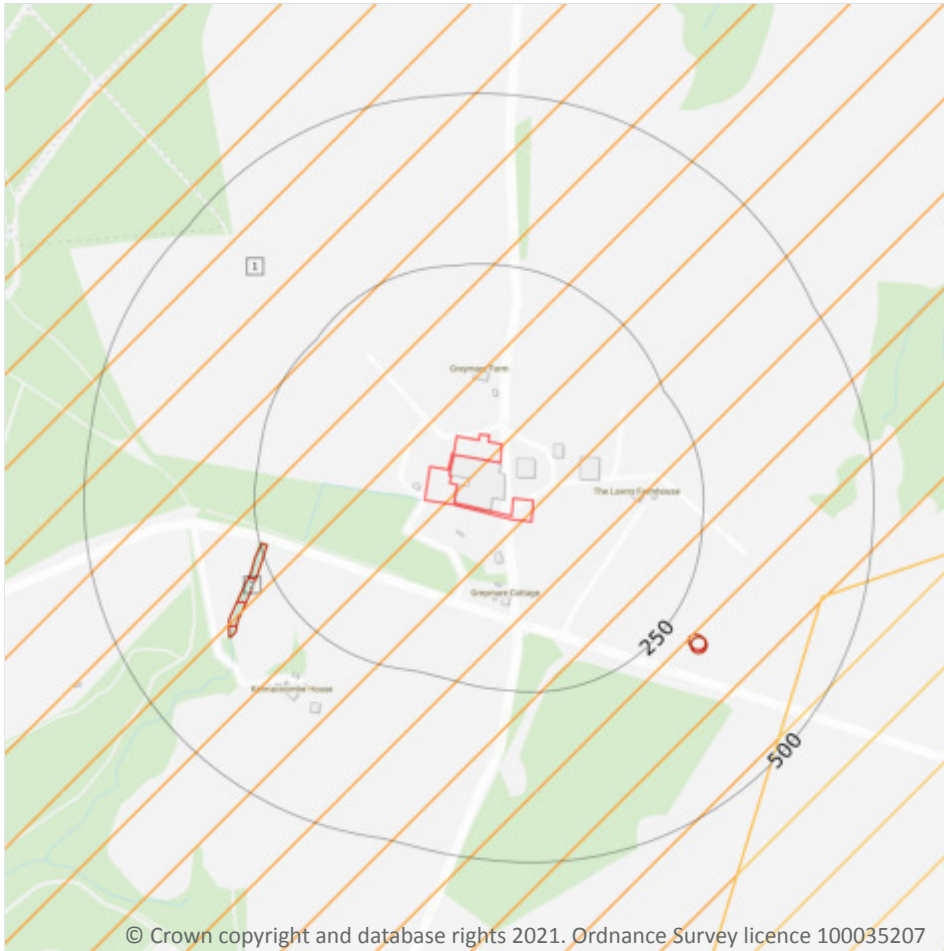
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 110**

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 Peter Brett Associates (PBA).

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

1

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 112**

ID	Location	Land Use	Year of mapping	Mapping scale
2	241m W	Unspecified Pit	1881	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

1

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 112**

ID	Location	Land Use	Year of mapping	Mapping scale
-	856m N	Adit	1983	1:10000

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

2

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 112**

ID	Location	Name	Commodity	Class	Likelihood
1	On site	South West England	Vein Mineral	C	Small scale underground mining may have occurred; mine adits, shafts and tunnels may be present. Potential for localised difficult ground conditions are at a level where they should be considered
3	440m E	Not available	Vein Mineral	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

2

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.

Features are displayed on the Mining, ground workings and natural cavities map on **page 112**

ID	Location	Mine Address	Mineral	Data source	Publisher
-	710m S	Lostwithiel, Cornwall	Unknown	PRIVATE COMMUNICATION	NAMHO
-	884m S	Boconnoc+grey Mare, Lostwithiel, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.

This data is sourced from Peter Brett Associates (PBA).



18.8 JPB mining areas

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

Areas which could be affected by former coal 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 Mining Searches UK.

18.13 Clay mining

Records on site

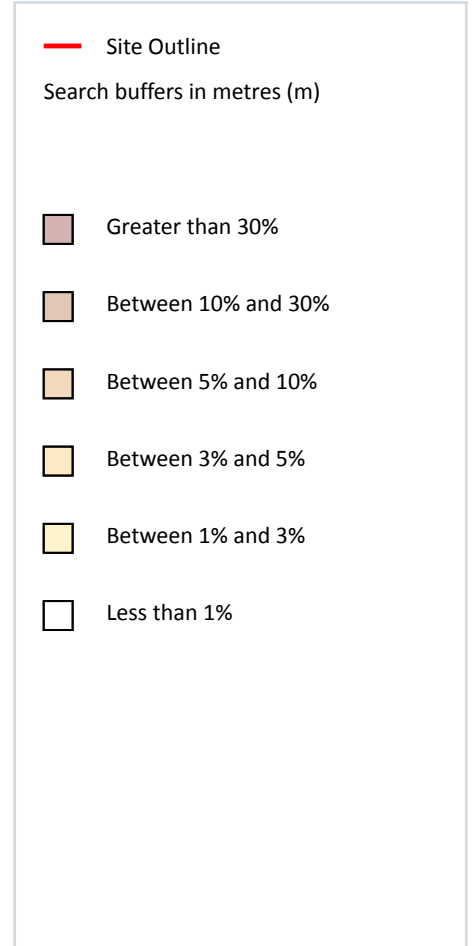
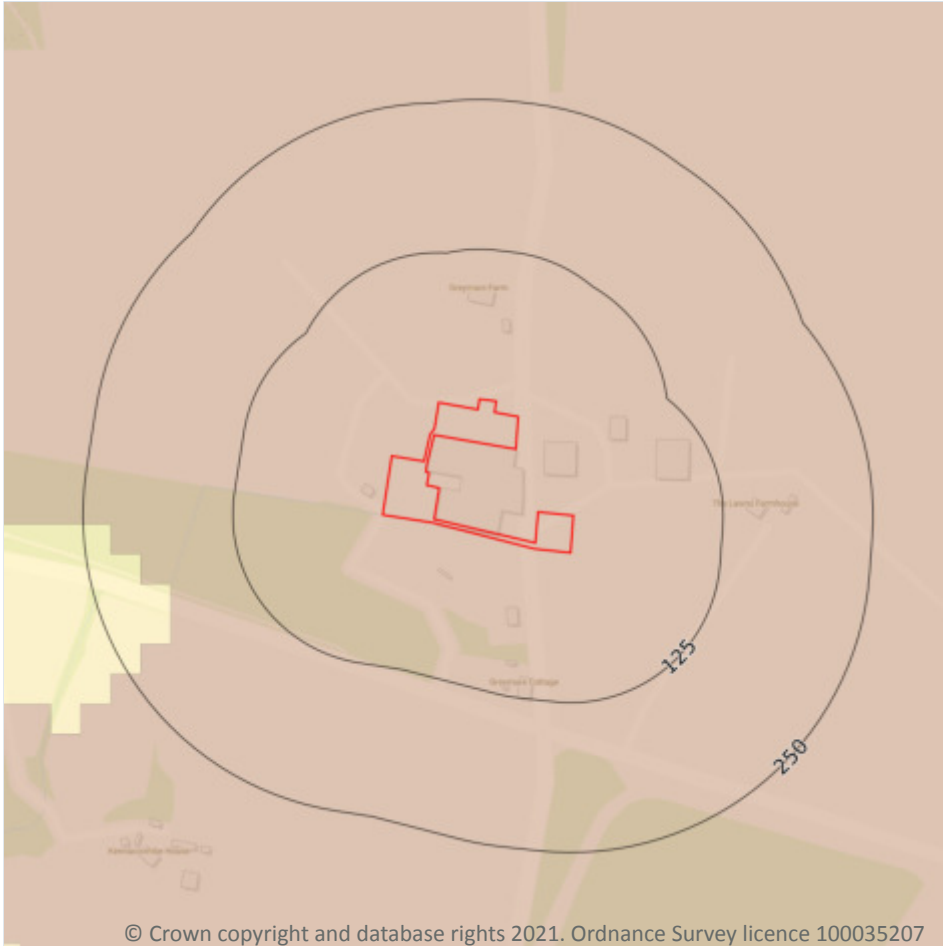
0

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

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

Features are displayed on the Radon map on **page 117**

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 10% and 30%	Full

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

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

1

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	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

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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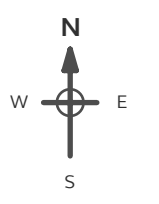


APPENDIX E: Historical Ordnance Survey Maps

Site Details:
 LAND AT TREWITEN DAIRY,
 GREYMARE FARM, GREY MARE
 HILL, LOSTWITHIEL, PL22 0LW

Client Ref: SS4897
Report Ref: HMD-299-7687196
Grid Ref: 212706, 63740

Map Name: County Series
Map date: 1881-1882
Scale: 1:2,500
Printed at: 1:2,500



Surveyed 1881
 Revised 1881
 Edition N/A
 Copyright N/A
 Levelled N/A



Surveyed 1882
 Revised 1882
 Edition N/A
 Copyright N/A
 Levelled N/A

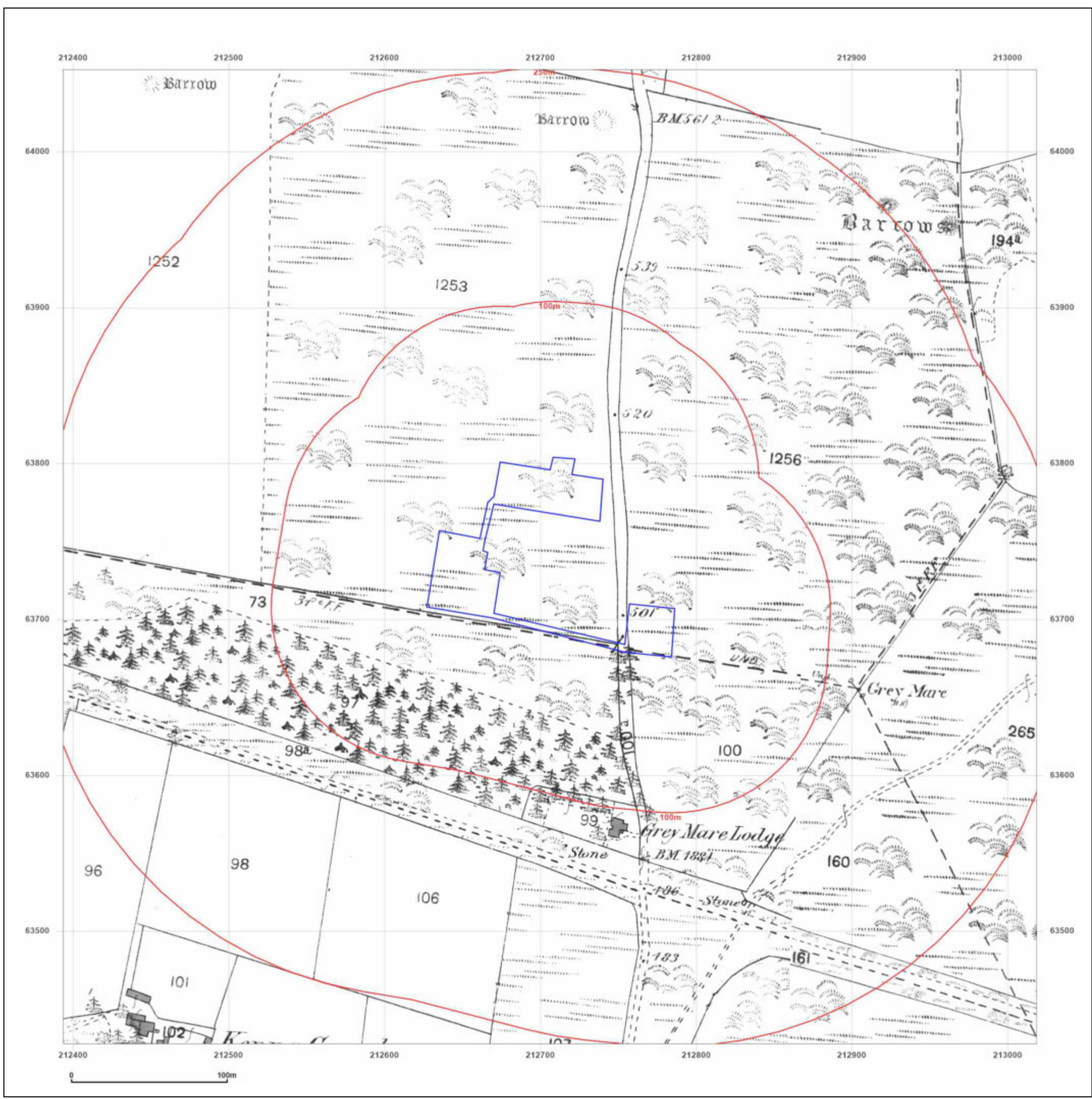
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Production date: 24 March 2021

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

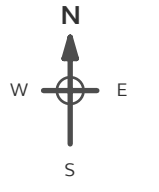


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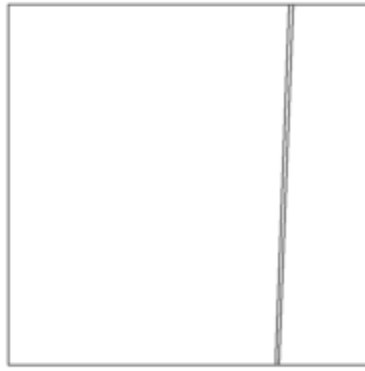
LAND AT TREWITEN DAIRY,
GREYMARE FARM, GREY MARE
HILL, LOSTWITHIEL, PL22 0LW

Client Ref: SS4897
Report Ref: HMD-299-7687196
Grid Ref: 212706, 63740

Map Name: County Series
Map date: 1907
Scale: 1:2,500
Printed at: 1:2,500



Surveyed 1907
Revised 1907
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1907
Revised 1907
Edition N/A
Copyright N/A
Levelled N/A

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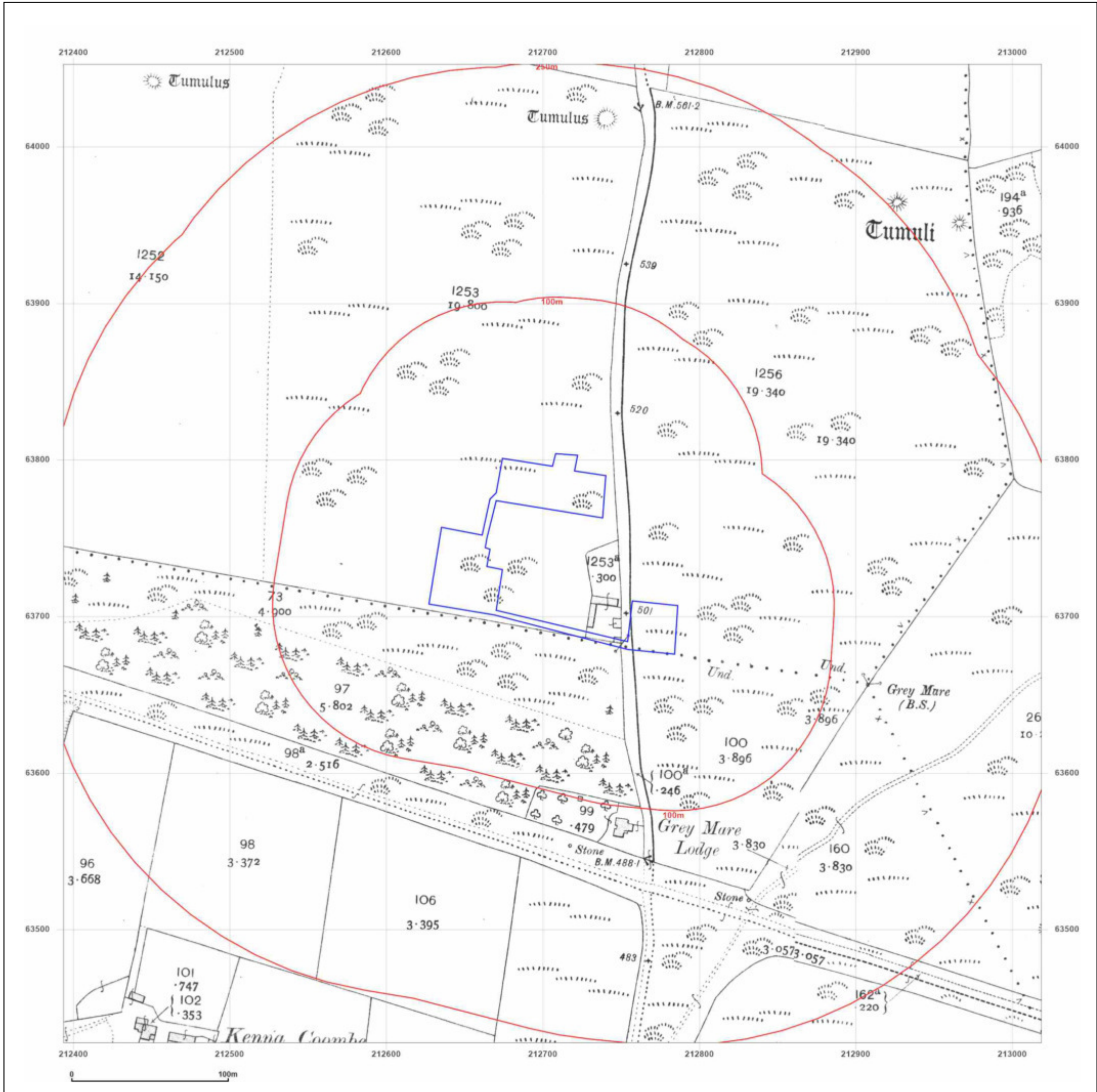


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Site Details:

LAND AT TREWITEN DAIRY,
GREY MARE FARM, GREY MARE
HILL, LOSTWITHIEL, PL22 0LW

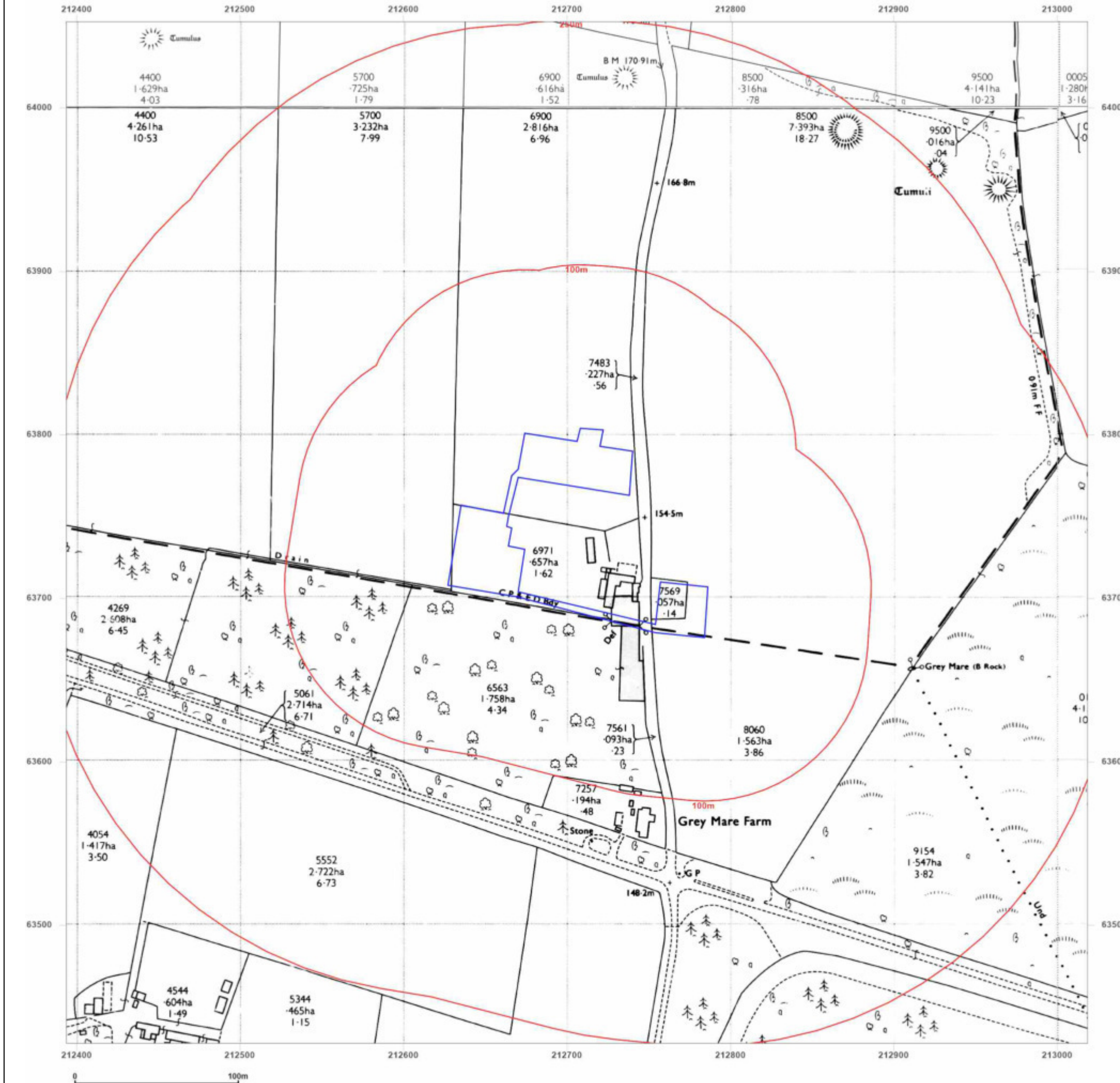
Client Ref: SS4897
Report Ref: HMD-299-7687196
Grid Ref: 212706, 63740

Map Name: National Grid

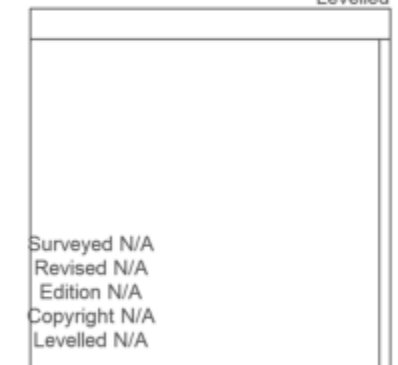
Map date: 1973-1975

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1973
Revised 1973
Edition N/A
Copyright 1975
Levelled 1952



Surveyed N/A
Revised N/A
Edition N/A
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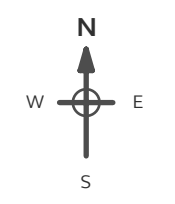
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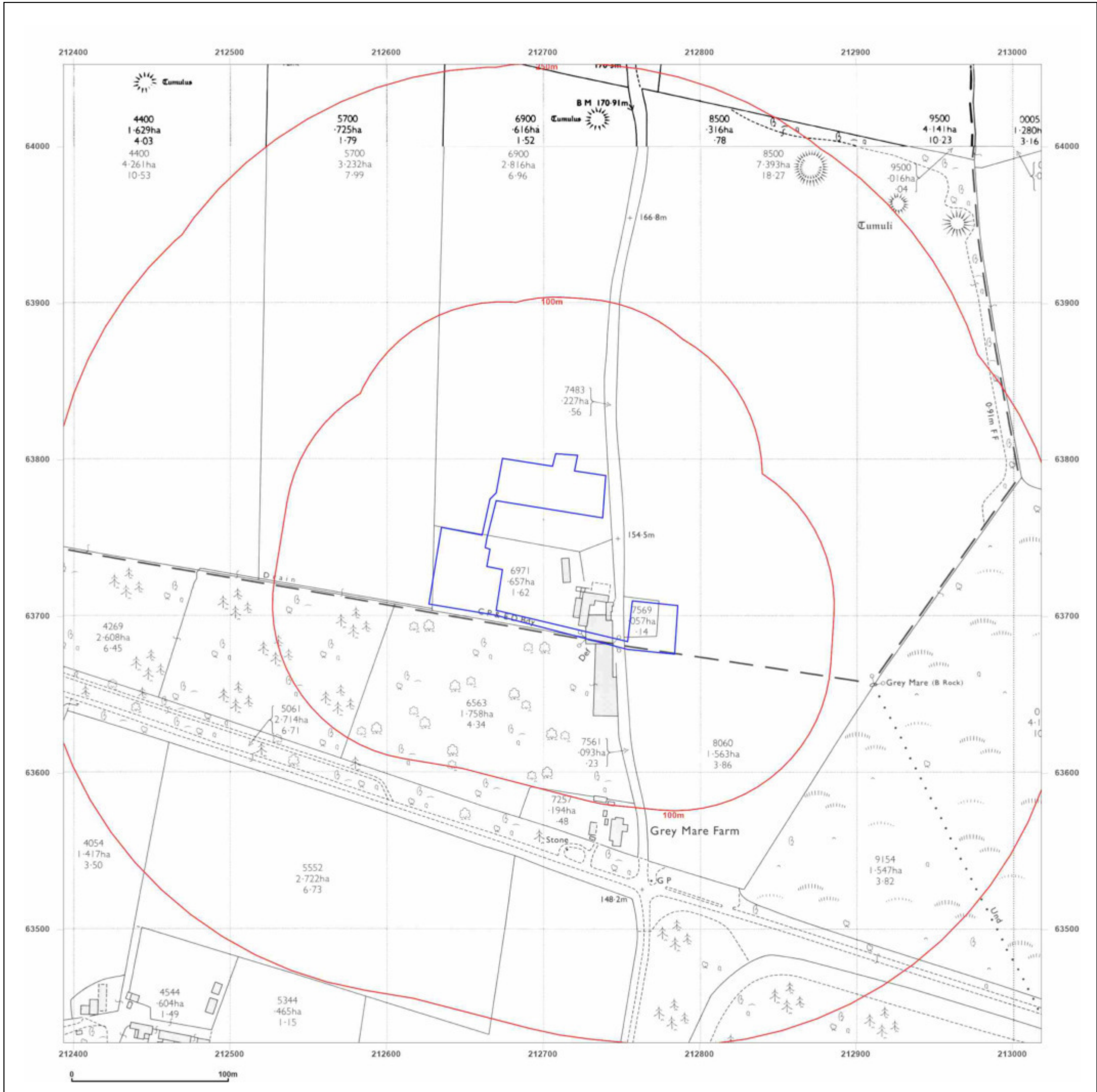
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 GREY MARE FARM, GREY MARE
 HILL, LOSTWITHIEL, PL22 0LW

Client Ref: SS4897
Report Ref: HMD-299-7687196
Grid Ref: 212706, 63740

Map Name: National Grid
Map date: 1973-1975
Scale: 1:2,500
Printed at: 1:2,500



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Surveyed 1979 Revised 1980 Edition N/A Copyright 1979 Levelled 1982	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A



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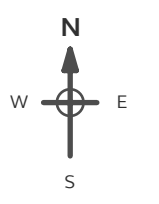
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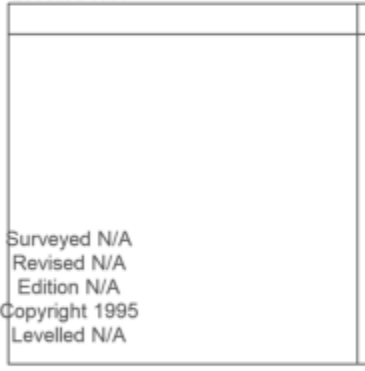
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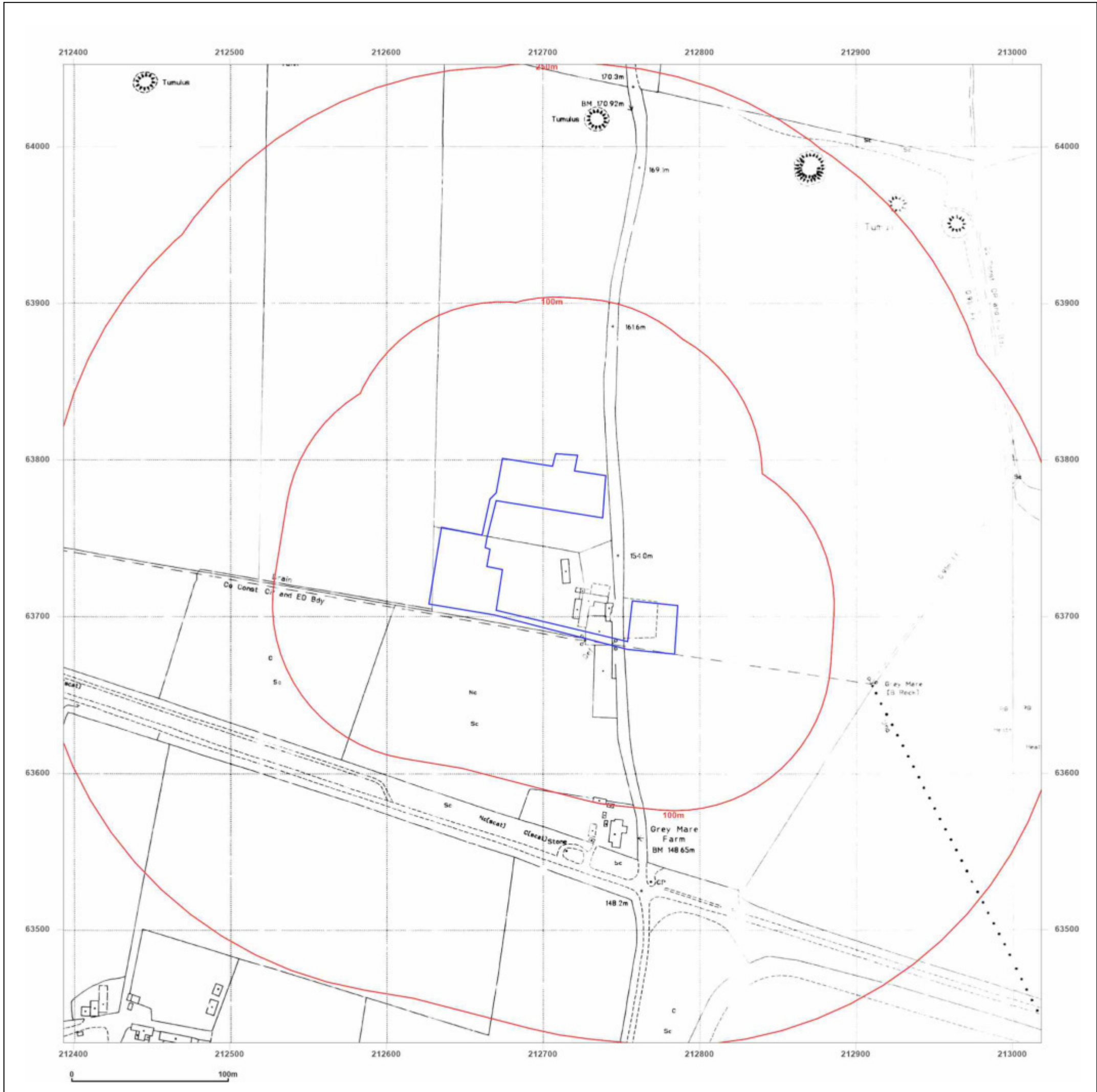
Site Details:
 LAND AT TREWITEN DAIRY,
 GREYMARE FARM, GREY MARE
 HILL, LOSTWITHIEL, PL22 0LW

Client Ref: SS4897
Report Ref: HMD-299-7687196
Grid Ref: 212706, 63740

Map Name: National Grid
Map date: 1995
Scale: 1:2,500
Printed at: 1:2,500



Surveyed N/A Revised N/A Edition N/A Copyright 1995 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1995 Levelled N/A
	
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Site Details:

LAND AT TREWITHEM DAIRY,
GREYMARE FARM, GREY MARE
HILL, LOSTWITHIEL, PL22 0LW

Client Ref: SS4897
Report Ref: HMD-299-7687196
Grid Ref: 212706, 63740

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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APPENDIX F: Risk Categorisation

[NHBC - Guidance for the Safe Development of Housing on Land Affected by Contamination \(2008\)](#)

Chapter 1.7

Risk assessment is the process of collating known information on a hazard or set of hazards in order to estimate actual or potential risks to receptors. The guiding principle behind this approach is an attempt to establish connecting links between a hazardous source, via an exposure pathway to a potential receptor, referred to as a 'pollutant linkage'. The objective of a Preliminary Risk Assessment is to identify the nature and magnitude of the potential risks. This involves consideration of:

- each potential pollutant linkage (contaminant source – pathway – receptor);
- current status of the site, construction activity, proposed new use etc.;
- short-term (acute) and long-term (chronic) risks; and
- uncertainty (does enough data exist to provide confidence in the assessment?).

This approach is in accordance with the Statutory Guidance on Contaminated Land (Defra 2006a, WAG 2006a and Scottish Executive 2006a) and the Model Procedures (Defra/Environment Agency 2004a).

Risk is based on a consideration of both:

- **the likelihood of an event** (probability) [takes into account both the presence of the hazard and receptor and the integrity of the pathway];
- and **the severity of the potential consequence** [takes into account both the potential severity of the hazard and the sensitivity of the receptor].

A pollutant linkage must first be established before tests for probability and consequence are applied. If there is no pollutant linkage then there is no potential risk.

There is a need for a logical, transparent and repeatable system in defining the categories of severity of consequence and likelihood as well as for the risk itself.

Severity (consequence) can be defined as the adverse effects (or harm) arising from a defined hazard, which impairs the quality of human health or the environment in the short or longer term. For example a consequence defined as "Severe" could be defined as "Highly elevated concentrations likely to result in 'significant harm' to human health as defined by the EPA 1990, Part 2A, if exposure occurs". The type and form of the contaminant needs to be known in order to understand the effect on humans and therefore severity of potential harm. For instance different forms of cyanide behave differently. Complex cyanide ("blue billy") is relatively "non toxic" whereas free cyanide is "highly toxic" (Environment Agency 2002b).

Probability can be defined as the chance of a particular event occurring in a given period of time. For example, a "High Likelihood" could be defined as "where an event would appear very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution".

Risk classification

Once the consequence and probability have been classified for a pollutant linkage they can be compared to produce a risk category from “very high risk” to “very low risk”. It is not possible to identify a risk rating of “no risk” as the acceptability of risk may depend on the viewpoint of the stakeholder concerned. It may be necessary to deal with a risk even if it is “very low” although this action may not be urgent. The following classification of risk has been developed to assist in qualitative assessment of potentially unacceptable risks:

RISK CATEGORISATION					
PROBABILITY (LIKELIHOOD)		CONSEQUENCE			
		Severe	Medium	Mild	Minor
	High Likelihood	Very High Risk	High Risk	Moderate Risk	Low Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

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