



CONTAMINATION REPORT
PRELIMINARY RISK ASSESSMENT
PHASE 1 - DESK STUDY & SITE INSPECTION

Job No. 2507

Proposed Barn Replacement for
Annexe at the Old Shippen
Lower Brazacott Farm
North Petherwin
Launceston
Cornwall
PL15 8NE

Grid Ref: 226682 091039

Client: Mrs Lewis

October 2023

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Proposed Site Layout SL23 0210-06 (Sep 22) AJ Design

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Table 1 Preliminary Conceptual Site Model

PHOTOGRAPHS Site Photographs

APPENDIX A Groundsure Environmental Report
APPENDIX B Risk Assessment Matrix

1.0 INTRODUCTION

This report details a Preliminary Risk Assessment comprising a Phase 1 Desk Study Contamination Report and site inspection for the area indicated covered by the Groundsure Report (Appendix A).

The site is located at Lower Brazacott Farm, North Petherwin, PL15 8NE. This Phase 1 Desk Study report was commissioned by the client in October 2023. The report is required for planning purposes. The site area covers 0.01 hectares.

2.0 OBJECTIVE & LIMITATIONS

The report objective is to undertake a Preliminary Risk Assessment comprising a Phase 1 Desk Study and site inspection to assess the likelihood of contamination on site associated with its previous uses. Off site sources are also considered to assess the potential for harm to site receptors. On site issues refer specifically within the site boundary and off site uses are areas beyond the site boundary.

Only the environmental aspects listed in this report are covered. Specialist risk assessments for Asbestos, Radon and other ground gases, Unexploded Ordnance, Invasive Species and other Geotechnical aspects are not covered, as these are the subjects of separate risk assessments where required. Naturally occurring geological background soil concentrations are only investigated if a significant risk of contamination exists on the site requiring further investigation.

This report accords with the relevant principles of BS10175:2011 + A2:2017, Environment Agency LCRM Guidance:2019 which supersedes previous Environment Agency guidance CLR11, CIRIA C552 and conducted in accordance with UK current guidance on the assessment of contaminated land. This report will be provided in digital format only.

3.0 SITE PROPOSAL

This report is for a planning application with Cornwall Council. The proposal (as per red boundary on proposed site layout in drawings section) is for replacement of the barn to create a residential annexe. The site and adjoining site areas to the south and west are owned by the clients family.

4.0 ENVIRONMENTAL DATA REPORT

The Groundsure Report (Appendix A) indicates a variety of environmental issues as listed in the following summary that could potentially influence the site. Any significant on site uses are detailed below. Off site uses to a 50m distance from the site boundary are considered appropriate as proportionate to the size and nature of the proposed site. Any other significant entries from 50m to 250m are also indicated.

Contamination Sources

On Site

Aerial photographs dating back 20 years in the Groundsure Report confirm no different layout or previous use of the site.

Off site

The Groundsure report indicates no other significant historical potentially contaminative land uses within 50m of the site.

There are no recorded pollution incidents.

The site is not determined as Contaminated land under part 2a of the Environmental Protection Act 1990.

Contamination Pathways & Receptors

Human Health;

The proposed residential use of the site is considered as a sensitive end-use receptor.

Geology;

Underlying superficial deposits are absent.

Underlying bedrock is mudstone, siltstone & sandstone

Hydrogeology;

The bedrock aquifer under the site is Secondary A of high vulnerability.

Groundwater;

There are no water abstractions or source protection zones on or within 150m of the site.

Surface Waters;

There are no watercourses on the site.

Eco-receptors;

The site lies within a Site of Special Scientific Interest (SSSI) Impact Risk zone although the residential type development at this site does not require consultation.

Visual and cultural receptors;

None identified.

Agricultural designations;

The land classification on site is grade 3 – good to moderate quality agricultural land.

Habitat Designations;

None on the site. Deciduous woodland to 8m N of the site.

5.0 SITE INSPECTION

On site

The site walkover was carried out in October 2023 in conjunction with the client who recently purchased the site. The site is relatively level. The barn 'the old shippen' appeared very old with delapidated cob type walls in part and a concrete floor. There was evidence of former designated cow milking bays (max 7) though hand milking only and hence no pipework or drainage system for the small historic nature of this farm activity. The client confirmed it was last used for this purpose over 30-40 years ago and has since only been used for a few tools.

The client confirmed that no oil, chemicals, fertiliser or pesticide storage have been stored on used on the site during their ownership and that no filled ponds, pits or buried waste were known to exist. Neither were any evident during the site walkover (refer to site photos).

Off site

Offsite to the west there is a more modern barn raised above the level of The Shippen. This is currently in use for a few fowl and general storage. To the south of the barn is the farmhouse and domestic garage and garden further to the south of the house, all inspected and no issues of concern encountered.

6.0 POTENTIAL CONTAMINANTS

While there are no Department of Environment (DoE) Industry Profiles directly specific to the uses on the proposed site, all significant on site and off site sources of contamination are considered in the Conceptual Site Model (CSM) (Table 1).

7.0 PRELIMINARY CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) presented in a tabular format (Table 1) summarises potential on site and off site sources of contamination as identified from the Desk Study research, GroundSure Data and Site Inspection.

The CSM identifies and establishes the role of potentially contaminating sources, any pathways by which these sources may migrate and identifies potential receptors which may be affected by a source through a migration pathway.

A source may be present on site or off site, may be a localised hotspot or be more widespread in occurrence. A pathway is a route that allows the contaminant source to reach a receptor such as direct exposure from dermal contact, inhalation or ingestion with respect to human health or leaching into a watercourse or groundwater body through the soil. Types of receptor could include materials, people, services or crops. All three elements of the pollutant linkage chain i.e. source, pathway and receptor (S-P-R) must exist for a linkage to exist. Linkages can be broken by removing or intervening at any of these stages.

Based on any S-P-R linkage identified, an initial generic level of contamination 'risk' is provided which is based on the 'consequence' or severity of any contamination event occurring and the 'probability' or likelihood that a contamination event would occur. A detailed assessment of specific contaminants associated with the identified sources is not provided at this initial stage unless a pollutant linkage is considered as 'likely'.

8.0 SUMMARY

The Conceptual Site Model indicates no significant pollutant linkage chain, hence the site is considered to pose a 'NEGLIGIBLE' (very low) level of risk to all receptors for a residential end use. No further action is considered necessary.

Report prepared by:-

K. Spry – Chartered Consultant.....
B.Sc (Hons), MCIWEM, C.WEM
Spry Environmental



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DRAWINGS

building outline shows wall position not roof overhang (except for proposed roof canopy shown dashed)

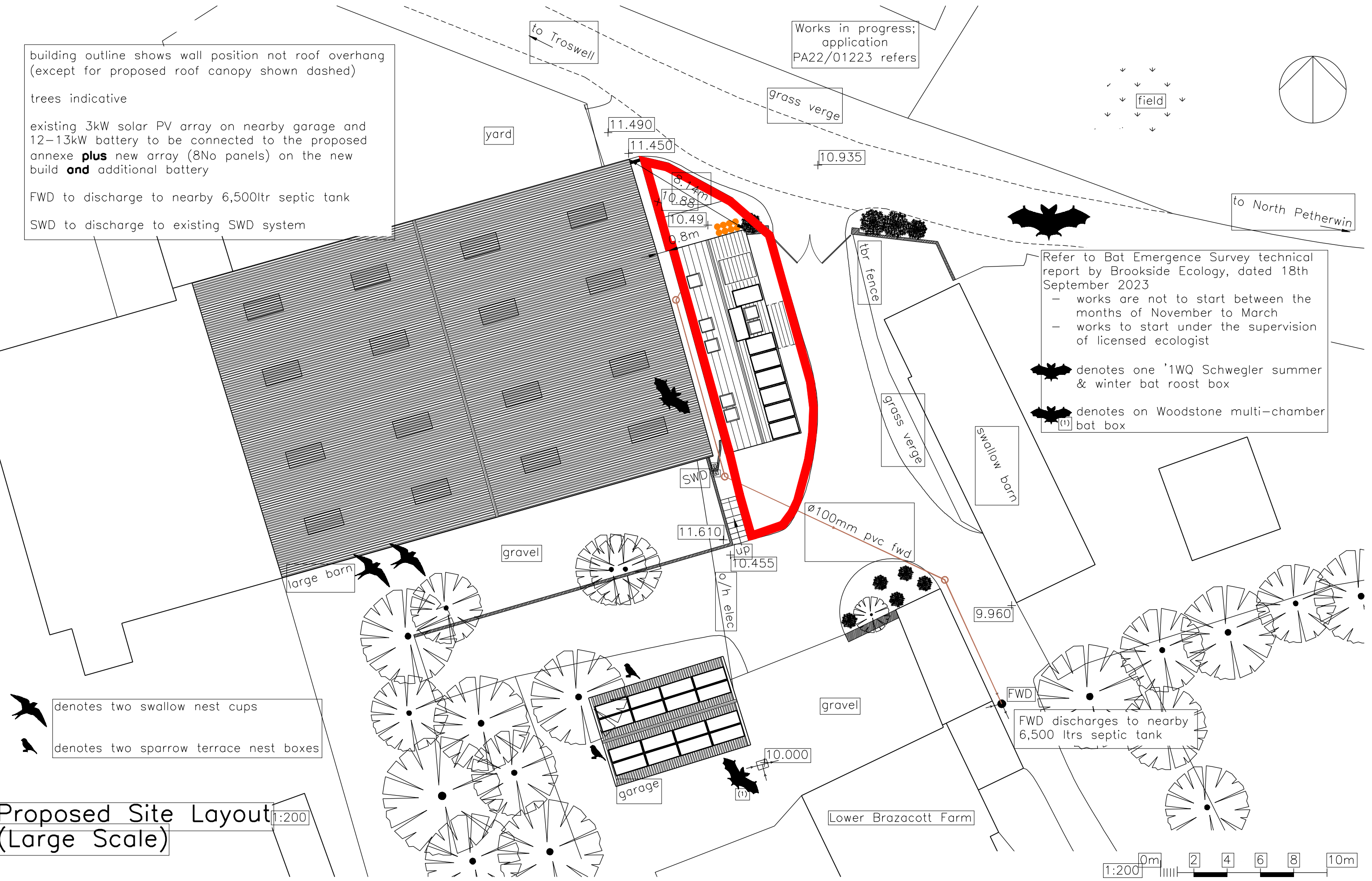
trees indicative

existing 3kW solar PV array on nearby garage and 12-13kW battery to be connected to the proposed annexe **plus** new array (8No panels) on the new build **and** additional battery

FWD to discharge to nearby 6,500ltr septic tank

SWD to discharge to existing SWD system

Works in progress; application PA22/01223 refers



Refer to Bat Emergence Survey technical report by Brookside Ecology, dated 18th September 2023

- works are not to start between the months of November to March
- works to start under the supervision of licensed ecologist

denotes one '1WQ Schwegler summer & winter bat roost box

denotes on Woodstone multi-chamber bat box

denotes two swallow nest cups

denotes two sparrow terrace nest boxes

Proposed Site Layout (Large Scale)

TABLES

TABLE 1

PRELIMINARY SITE CONCEPTUAL MODEL (CSM)

Potential Current & Historic Sources	Potential Current & Historic Sources	Pathway	Receptor	Pollutant Linkage Assessment	Probability / Severity of Pollutant Linkage ON SITE (RISK LEVEL)	Further Action
ON SITE Use	<p>CURRENT - Vacant disused barn (The Old Shippen)</p> <p>HISTORIC - Former milking parlour for Brazacott Farm (ceased over 40 years ago) - hand milking only - maximum 7 cow bays</p>	<p>Inhalation/Ingestion/ Dermal Contact</p> <p>Vertical & Lateral Percolation of mobile contaminants</p> <p>Gas migration of volatile hydrocarbons & hazardous gases</p> <p>Direct contact & uptake by plants/vegetables</p> <p>Migration of contaminants affecting land and buildings</p>	<p>Human Health - residents & construction workers</p> <p>Groundwater - Secondary A Aquifer with high vulnerability No Groundwater Source Protection Zones or water abstractions. No historic pollution incidents are recorded. No contaminated land listings.</p> <p>Surface Waters - none on site</p> <p>Buildings & Services & Drainage - none known</p> <p>Environmental, Agricultural sites, Habitats, Cultural receptors -No local receptors of significance identified.</p>	No significant sources hence no identified pollutant linkage	Minor/Unlikely NEGLECTIBLE (very low)	No further action required.
OFF SITE Use	None of significance identified	<p>Inhalation/Ingestion/ Dermal Contact</p> <p>Vertical & Lateral Percolation of mobile contaminants</p> <p>Gas migration of volatile hydrocarbons & hazardous gases</p> <p>Direct contact & uptake by plants/vegetables</p> <p>Migration of contaminants affecting land and buildings</p>	<p>Human Health - residents & construction workers</p> <p>Groundwater - Secondary A Aquifer with high vulnerability No Groundwater Source Protection Zones or water abstractions. No historic pollution incidents are recorded. No contaminated land listings.</p> <p>Surface Waters - none on site</p> <p>Buildings & Services & Drainage - none known</p> <p>Environmental, Agricultural sites, Habitats, Cultural receptors -No local receptors of significance identified.</p>	none known	Minor/Unlikely (NEGLECTIBLE (very low)	n/a

PHOTOGRAPHS



historic milking parlour (s area of barn)



south area of barn



north area of barn



NE barn elevation



E elevation



N elevation



site access



SE elevation



S elevation

APPENDIX A

Lower BRAZZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE

Order Details

Date: 19/10/2023
Your ref: 2507
Our Ref: GS-FNI-8FD-1S4-C17

Site Details

Location: 226682 091039
Area: 0.01 ha
Authority: [Cornwall Council \(Unitary\)](#) ↗



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[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 6 >](#)

[OS MasterMap site plan](#)

[p.11 >](#)

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Contact us with any questions at:

info@groundsure.com ↗

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Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
12 >	1.1 >	Historical industrial land uses >	0	0	3	2	-
13 >	1.2 >	Historical tanks >	0	0	5	0	-
13	1.3	Historical energy features	0	0	0	0	-
14	1.4	Historical petrol stations	0	0	0	0	-
14	1.5	Historical garages	0	0	0	0	-
14	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	2.1 >	Historical industrial land uses >	0	0	4	4	-
16 >	2.2 >	Historical tanks >	0	0	6	0	-
16	2.3	Historical energy features	0	0	0	0	-
17	2.4	Historical petrol stations	0	0	0	0	-
17	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
18	3.1	Active or recent landfill	0	0	0	0	-
18	3.2	Historical landfill (BGS records)	0	0	0	0	-
19	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
19	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
19	3.5	Historical waste sites	0	0	0	0	-
19	3.6	Licensed waste sites	0	0	0	0	-
19 >	3.7 >	Waste exemptions >	0	0	34	0	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
23 >	4.1 >	Recent industrial land uses >	0	0	3	-	-
24	4.2	Current or recent petrol stations	0	0	0	0	-
24	4.3	Electricity cables	0	0	0	0	-
24	4.4	Gas pipelines	0	0	0	0	-
24	4.5	Sites determined as Contaminated Land	0	0	0	0	-



24	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
25	4.7	Regulated explosive sites	0	0	0	0	-
25	4.8	Hazardous substance storage/usage	0	0	0	0	-
25	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
25	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
25	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
26	4.12	Radioactive Substance Authorisations	0	0	0	0	-
26 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	0	0	2	1	-
26	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	-
27	4.16	List 1 Dangerous Substances	0	0	0	0	-
27	4.17	List 2 Dangerous Substances	0	0	0	0	-
27	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
27	4.19	Pollution inventory substances	0	0	0	0	-
28	4.20	Pollution inventory waste transfers	0	0	0	0	-
28	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	<u>Geology (basic) ></u>					
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29	5.1	Superficial geology (625k)	None (within 500m)				
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29 >	5.2 >	<u>Bedrock geology (625k) ></u>	Identified (within 500m)				
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Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
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30 >	6.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
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31 >	6.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
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32 >	6.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
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33	6.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
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33	6.5	Groundwater vulnerability- local information	None (within 0m)				
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34 >	6.6 >	<u>Groundwater abstractions ></u>	0	0	0	0	9
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37	6.7	Surface water abstractions	0	0	0	0	0
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37	6.8	Potable abstractions	0	0	0	0	0
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37	6.9	Source Protection Zones	0	0	0	0	-
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38	6.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
39	7.1	Water Network (OS MasterMap)	0	0	0	-	-
39 >	7.2 >	Surface water features >	0	0	1	-	-
40 >	7.3 >	WFD Surface water body catchments >	1	-	-	-	-
40 >	7.4 >	WFD Surface water bodies >	0	0	0	-	-
41 >	7.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
42	8.1	Risk of flooding from rivers and the sea	None (within 50m)				
42	8.2	Historical Flood Events	0	0	0	-	-
42	8.3	Flood Defences	0	0	0	-	-
43	8.4	Areas Benefiting from Flood Defences	0	0	0	-	-
43	8.5	Flood Storage Areas	0	0	0	-	-
44	8.6	Flood Zone 2	None (within 50m)				
44	8.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
45	9.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding >					
46 >	10.1 >	Groundwater flooding >	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
47	11.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
47	11.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
47	11.3	Special Areas of Conservation (SAC)	0	0	0	0	0
47	11.4	Special Protection Areas (SPA)	0	0	0	0	0
48	11.5	National Nature Reserves (NNR)	0	0	0	0	0
48	11.6	Local Nature Reserves (LNR)	0	0	0	0	0
48	11.7	Designated Ancient Woodland	0	0	0	0	0
48	11.8	Biosphere Reserves	0	0	0	0	0
49	11.9	Forest Parks	0	0	0	0	0



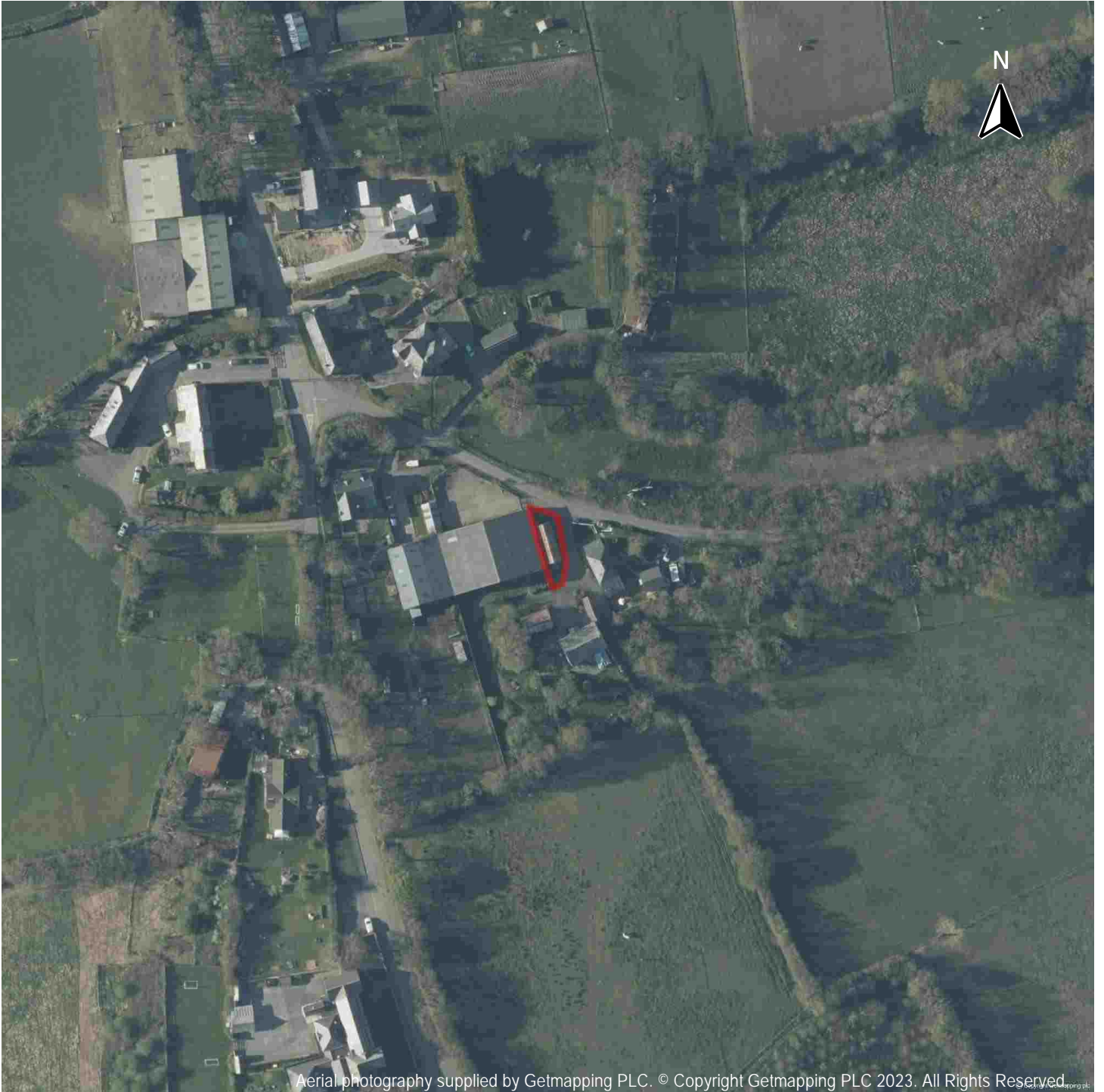
49	11.10	Marine Conservation Zones	0	0	0	0	0
49	11.11	Green Belt	0	0	0	0	0
49	11.12	Proposed Ramsar sites	0	0	0	0	0
49	11.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
50	11.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
50	11.15	Nitrate Sensitive Areas	0	0	0	0	0
50	11.16	Nitrate Vulnerable Zones	0	0	0	0	0
51 >	11.17 >	<u>SSSI Impact Risk Zones ></u>	1	-	-	-	-
52	11.18	SSSI Units	0	0	0	0	0

Page	Section	<u>Visual and cultural designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
53	12.1	World Heritage Sites	0	0	0	-	-
54	12.2	Area of Outstanding Natural Beauty	0	0	0	-	-
54	12.3	National Parks	0	0	0	-	-
54 >	12.4 >	<u>Listed Buildings ></u>	0	0	3	-	-
55	12.5	Conservation Areas	0	0	0	-	-
55	12.6	Scheduled Ancient Monuments	0	0	0	-	-
55	12.7	Registered Parks and Gardens	0	0	0	-	-

Page	Section	<u>Agricultural designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
56 >	13.1 >	<u>Agricultural Land Classification ></u>	Grade 4 (within 250m)				
57	13.2	Open Access Land	0	0	0	-	-
57	13.3	Tree Felling Licences	0	0	0	-	-
57 >	13.4 >	<u>Environmental Stewardship Schemes ></u>	0	0	3	-	-
58 >	13.5 >	<u>Countryside Stewardship Schemes ></u>	0	0	4	-	-

Page	Section	<u>Habitat designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
59 >	14.1 >	<u>Priority Habitat Inventory ></u>	0	2	0	-	-
60	14.2	Habitat Networks	0	0	0	-	-
60	14.3	Open Mosaic Habitat	0	0	0	-	-
60	14.4	Limestone Pavement Orders	0	0	0	-	-

Recent aerial photograph

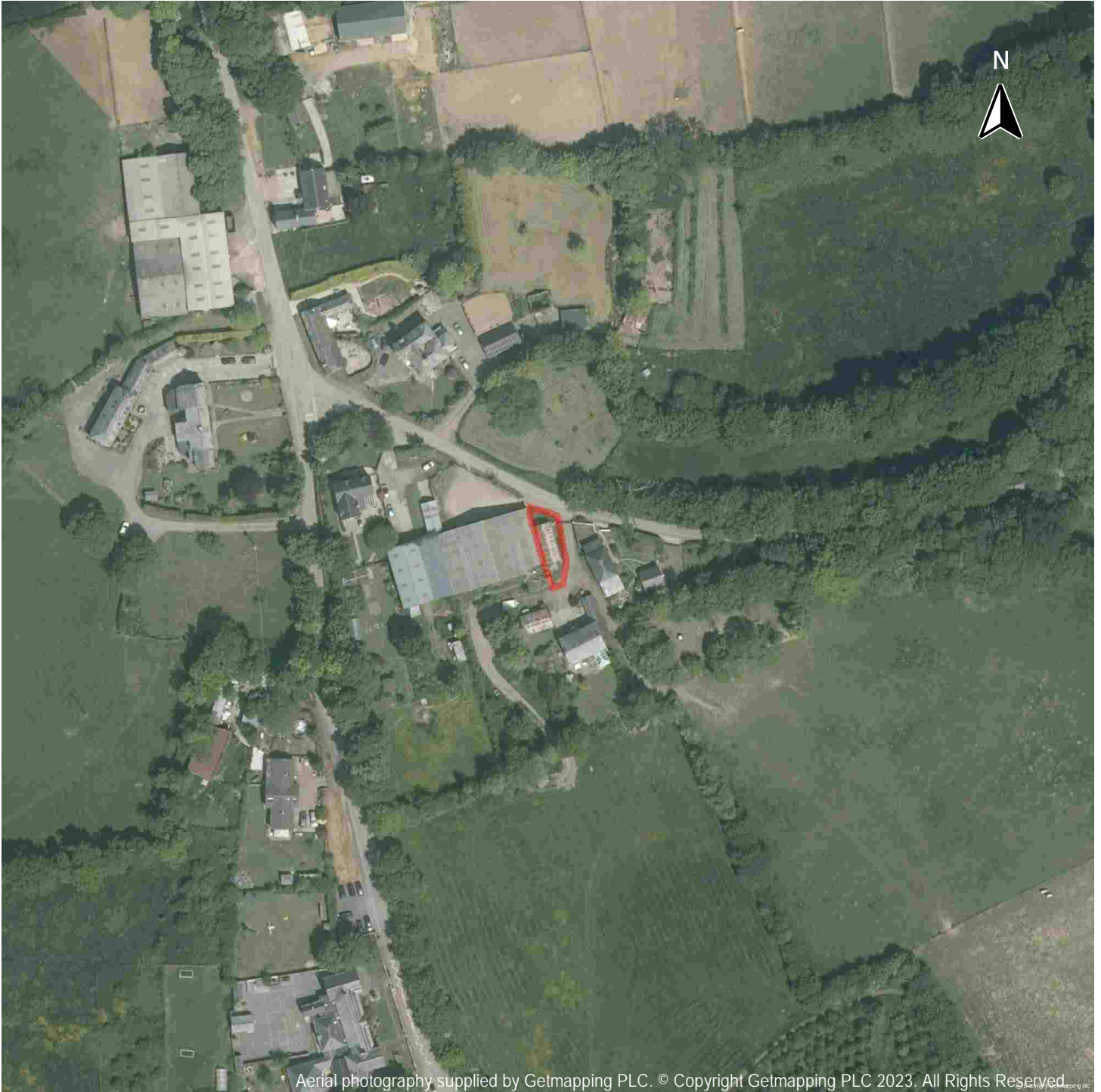


Capture Date: 22/04/2021

Site Area: 0.01ha



Recent site history - 2018 aerial photograph

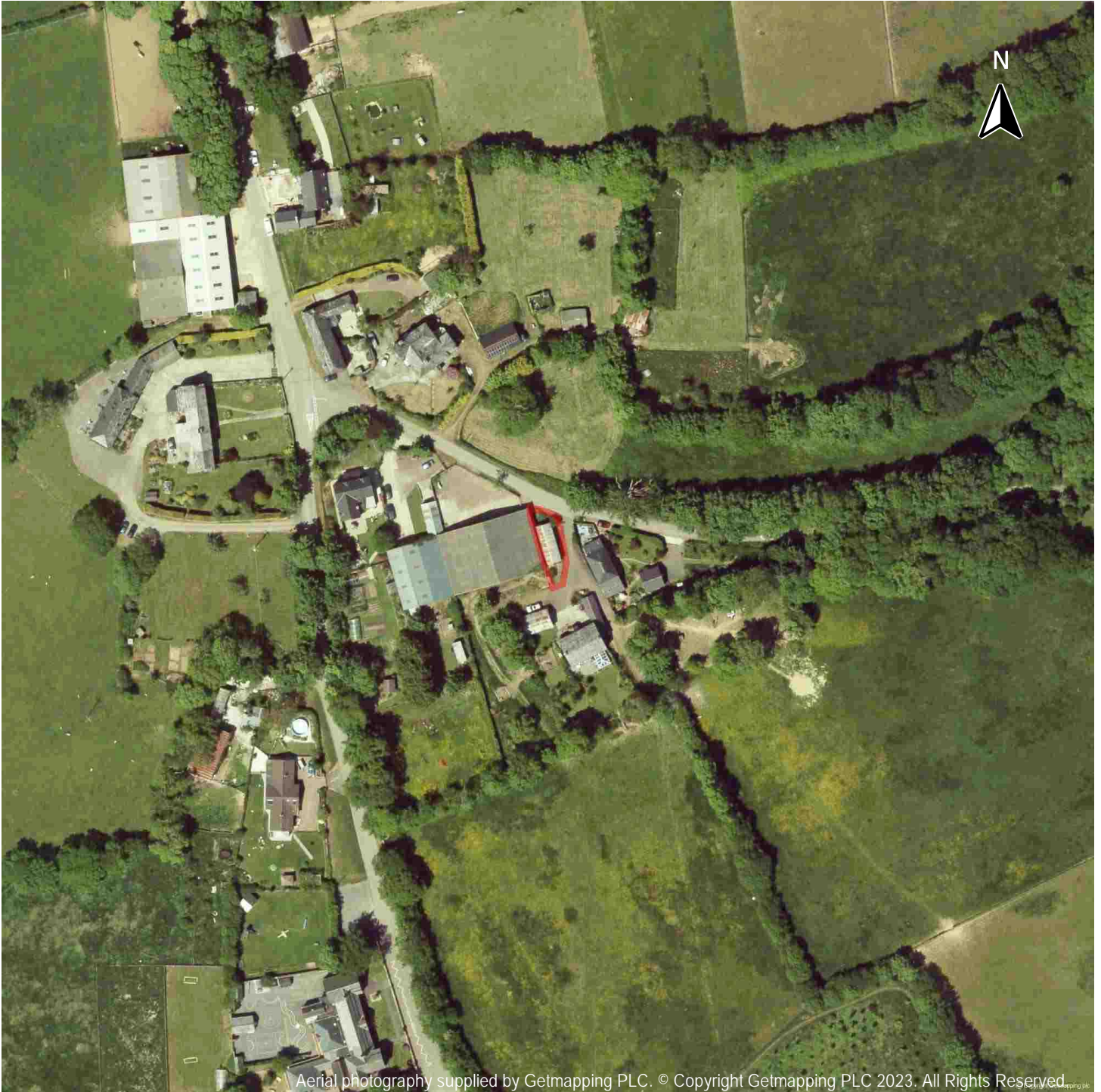


Capture Date: 23/05/2018

Site Area: 0.01ha



Recent site history - 2013 aerial photograph



Capture Date: 08/06/2013

Site Area: 0.01ha



Recent site history - 2006 aerial photograph



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Capture Date: 31/05/2006

Site Area: 0.01ha



Recent site history - 1999 aerial photograph



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Capture Date: 24/07/1999

Site Area: 0.01ha



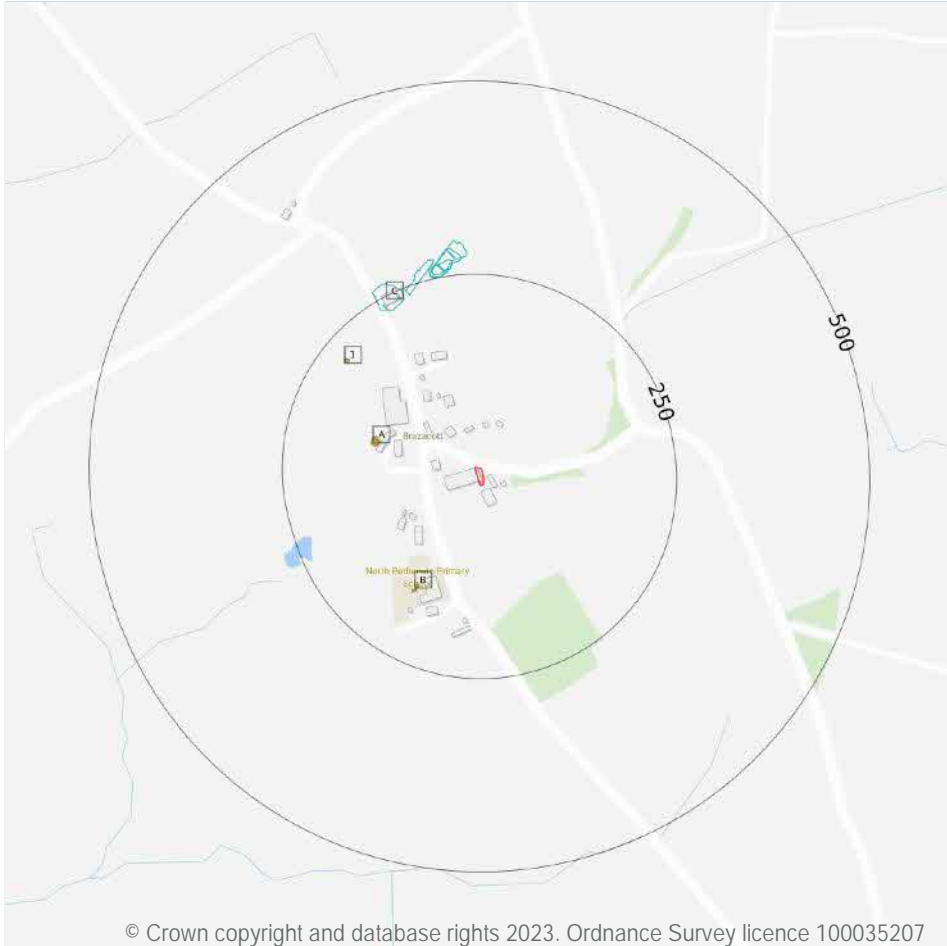
OS MasterMap site plan



Site Area: 0.01ha



1 Past land use



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

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1.1 Historical industrial land uses

Records within 500m **5**

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

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

ID	Location	Land use	Dates present	Group ID
C	230m NW	Unspecified Quarries	1882	400645

ID	Location	Land use	Dates present	Group ID
C	239m N	Unspecified Quarry	1905 - 1907	407128
C	250m N	Unspecified Old Quarry	1905 - 1907	418088
C	251m N	Unspecified Disused Quarry	1963 - 1988	421776
C	254m N	Unspecified Quarries	1882	400646

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

5

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

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

ID	Location	Land use	Dates present	Group ID
A	129m W	Unspecified Tank	1952 - 1974	49636
A	129m W	Unspecified Tank	1994	49389
B	151m SW	Unspecified Tank	1994	45519
B	157m SW	Unspecified Tank	1974	45518
1	214m NW	Unspecified Tank	1952	45520

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

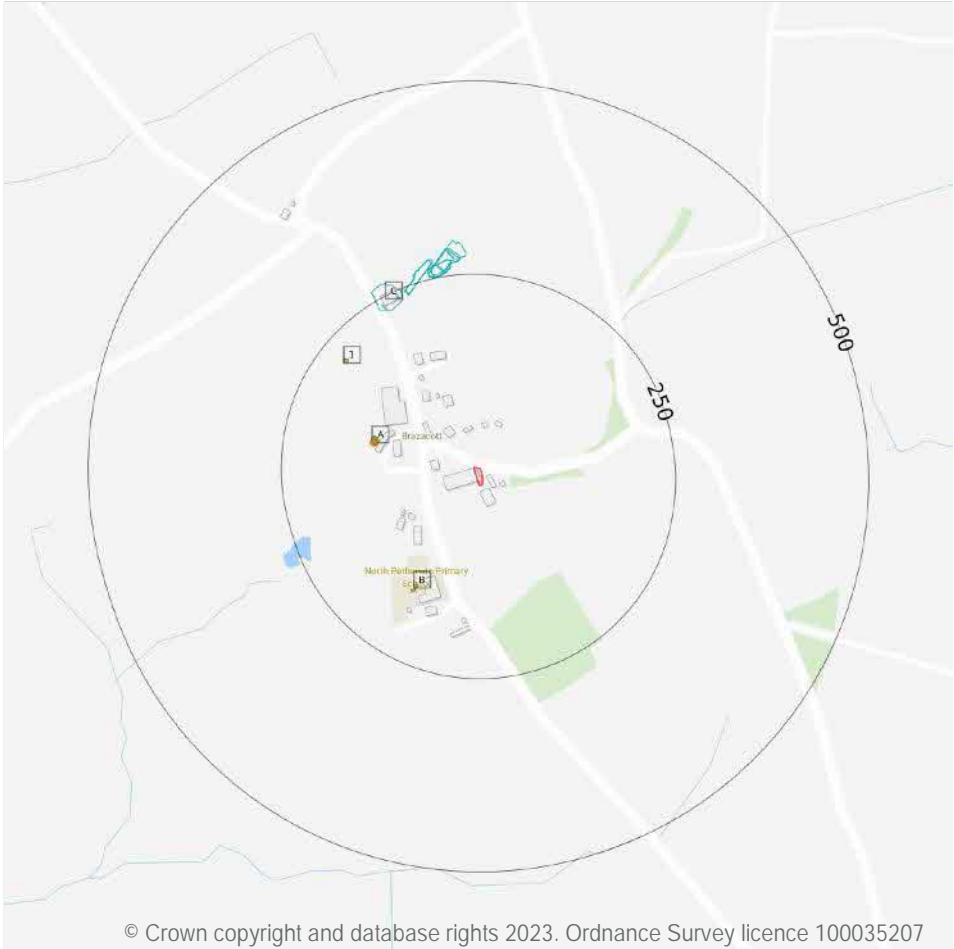
0

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



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

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2.1 Historical industrial land uses

Records within 500m 8

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

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

ID	Location	Land Use	Date	Group ID
C	230m NW	Unspecified Quarries	1882	400645
C	239m N	Unspecified Quarry	1905	407128
C	240m N	Unspecified Quarry	1907	407128

ID	Location	Land Use	Date	Group ID
C	250m N	Unspecified Old Quarry	1905	418088
C	251m N	Unspecified Disused Quarry	1988	421776
C	251m N	Unspecified Disused Quarry	1963	421776
C	252m N	Unspecified Old Quarry	1907	418088
C	254m N	Unspecified Quarries	1882	400646

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

6

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

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

ID	Location	Land Use	Date	Group ID
A	129m W	Unspecified Tank	1952	49636
A	129m W	Unspecified Tank	1974	49636
A	129m W	Unspecified Tank	1994	49389
B	151m SW	Unspecified Tank	1994	45519
B	157m SW	Unspecified Tank	1974	45518
1	214m NW	Unspecified Tank	1952	45520

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

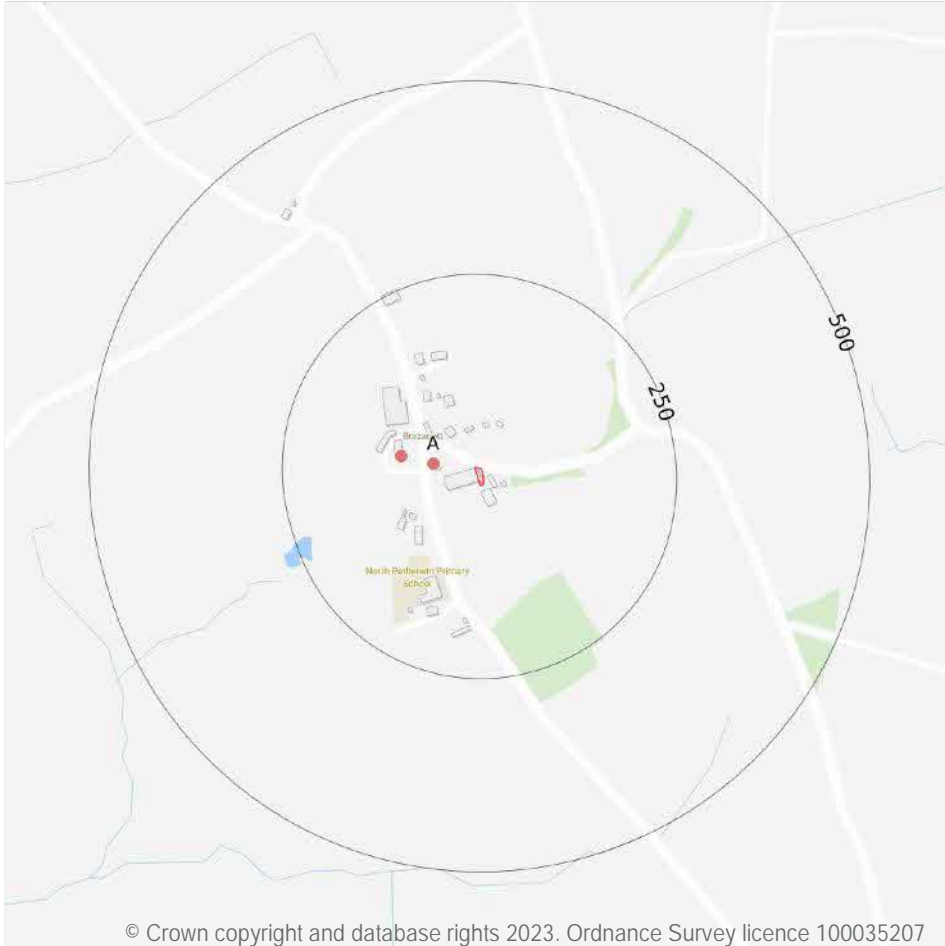
0

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

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m 0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m 0

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

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

3.5 Historical waste sites

Records within 500m 0

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

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

3.6 Licensed waste sites

Records within 500m 0

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

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

3.7 Waste exemptions

Records within 500m 34

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

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

ID	Location	Site	Reference	Category	Sub-Category	Description
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Using waste exemption	Agricultural Waste Only	Use of baled end-of-life tyres in construction
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DF0238FZ /A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DE5188C V/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DE5188C V/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DE5188C V/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DE5188C V/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DE5188C V/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
A	55m W	Brazacott North Petherwin Cornwall PL15 8NE	EPR/DE5188C V/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Disposing of waste exemption	On a Farm	Burning waste in the open
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Using waste exemption	On a Farm	Use of waste in construction
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Using waste exemption	On a Farm	Use of baled end-of-life tyres in construction
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Using waste exemption	On a Farm	Use of waste for a specified purpose
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX217824	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Disposing of waste exemption	On a farm	Burning waste in the open
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Using waste exemption	On a farm	Use of waste in construction
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Using waste exemption	On a farm	Use of baled end-of-life tyres in construction

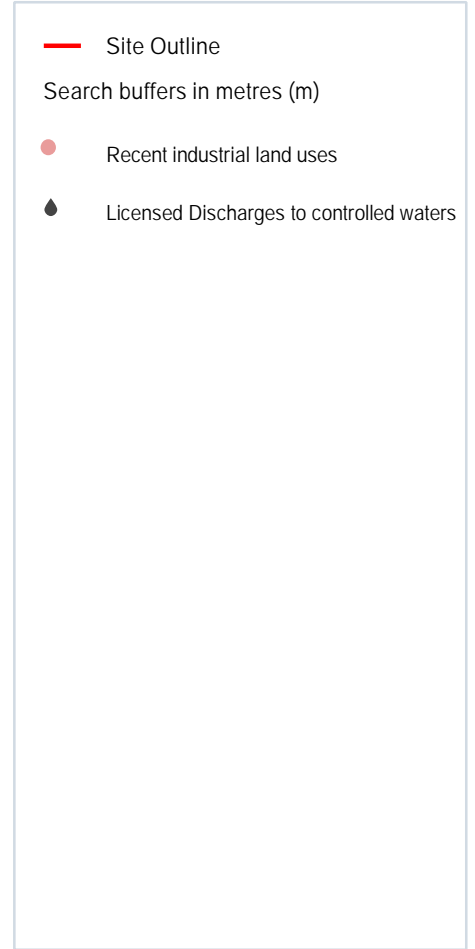
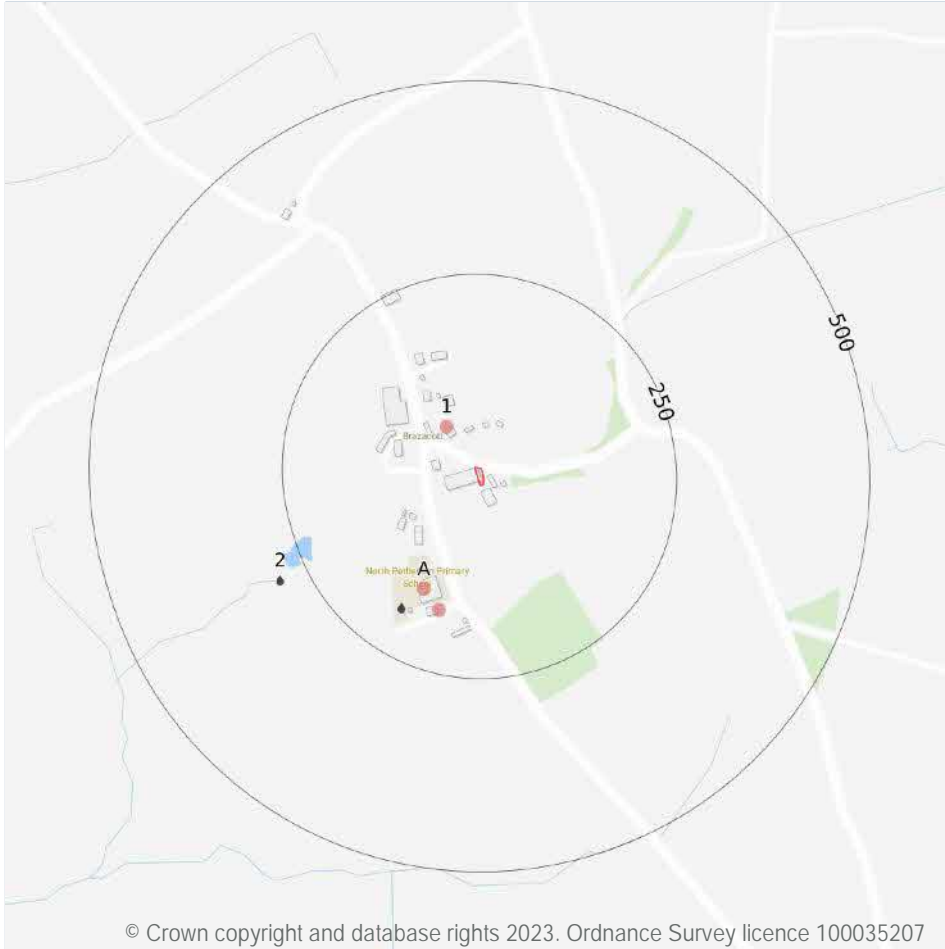


ID	Location	Site	Reference	Category	Sub-Category	Description
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX072158	Using waste exemption	On a farm	Use of waste for a specified purpose
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Disposing of waste exemption	On a farm	Burning waste in the open
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Using waste exemption	On a farm	Use of waste for a specified purpose
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Using waste exemption	On a farm	Use of baled end-of-life tyres in construction
A	98m W	BRAZACOTT FARM, BRAZACOTT, LAUNCESTON, PL15 8NE	WEX346602	Using waste exemption	On a farm	Use of waste in construction

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



4 Current industrial land use



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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 23](#) >

ID	Location	Company	Address	Activity	Category
1	64m NW	Pump	Cornwall, PL15	Water Pumping Stations	Industrial Features
A	153m SW	Tank	Cornwall, PL15	Tanks (Generic)	Industrial Features
A	170m S	Pump	Cornwall, PL15	Water Pumping Stations	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

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

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

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

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

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

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

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

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

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

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m 0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m 0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m 0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m 0

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

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

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

Records within 500m 0

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

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m

3

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

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

ID	Location	Address	Details	
A	188m SW	NORTH PETHERWIN CP SCHOOL, BRAZACOTT, LAUNCESTON, CORNWALL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: NRA-SW-4933 Permit Version: 2 Receiving Water: SOAKAWAY	Status: VARIED UNDER EPR 2010 Issue date: 17/12/2012 Effective Date: 17/12/2012 Revocation Date: -
A	188m SW	NORTH PETHERWIN CP SCHOOL, BRAZACOTT, LAUNCESTON, CORNWALL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: NRA-SW-4933 Permit Version: 1 Receiving Water: SOAKAWAY	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/08/1992 Effective Date: 01/09/1992 Revocation Date: 16/12/2012
2	287m SW	NORTH PETHERWIN PRIMARY SCHOOL, BRAZACOTT, LAUNCESTON, CORNWALL, PL15 8NE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRPB3596NC Permit Version: 1 Receiving Water: TRIBUTARY OF CAUDWORTHY WATER	Status: NEW ISSUED UNDER EPR 2010 Issue date: 01/11/2019 Effective Date: 01/11/2019 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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



4.15 Pollutant release to public sewer

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

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

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

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

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

4.17 List 2 Dangerous Substances

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

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

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

4.18 Pollution Incidents (EA/NRW)

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

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

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

4.19 Pollution inventory substances

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

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

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

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

4.21 Pollution inventory radioactive waste

Records within 500m

0

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

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

5 Geology (basic)

5.1 Superficial geology (625k)

Records within 500m

0

Generalised geology data based on BGS's published poster maps of the UK (North and South). Superficial related themes digitised from 1977 first edition Quaternary map (North and South).

This data is sourced from the British Geological Survey.

5.2 Bedrock geology (625k)

Records within 500m

1

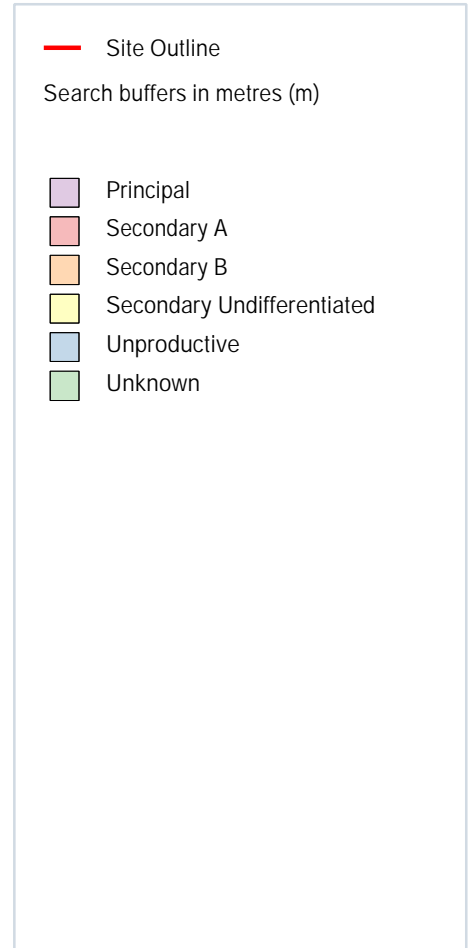
Generalised geology data based on BGS's published poster maps of the UK (North and South). Bedrock related themes created through generalisation of 1:50,000 data.

Location	Lex code	Description	Rock type
On site	HOWY-MDSS	HOLSWORTHY GROUP	MUDSTONE, SILTSTONE AND SANDSTONE

This data is sourced from the British Geological Survey.



6 Hydrogeology - Superficial aquifer



6.1 Superficial aquifer

Records within 500m

1

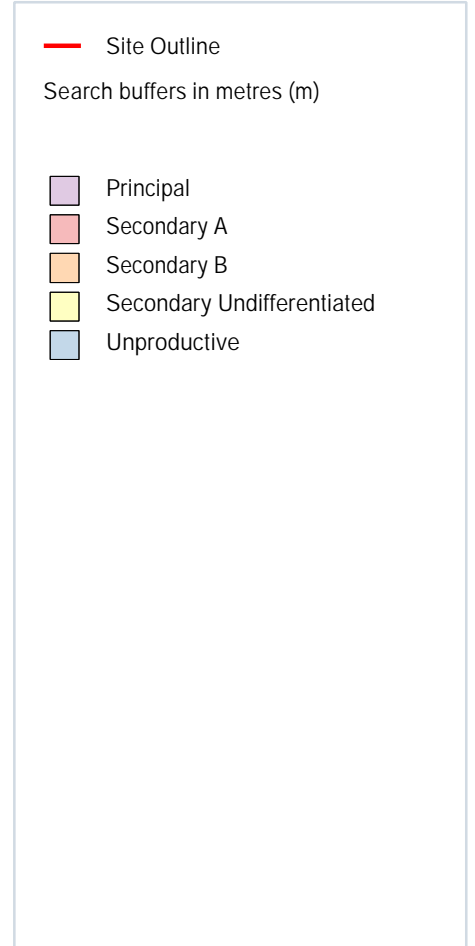
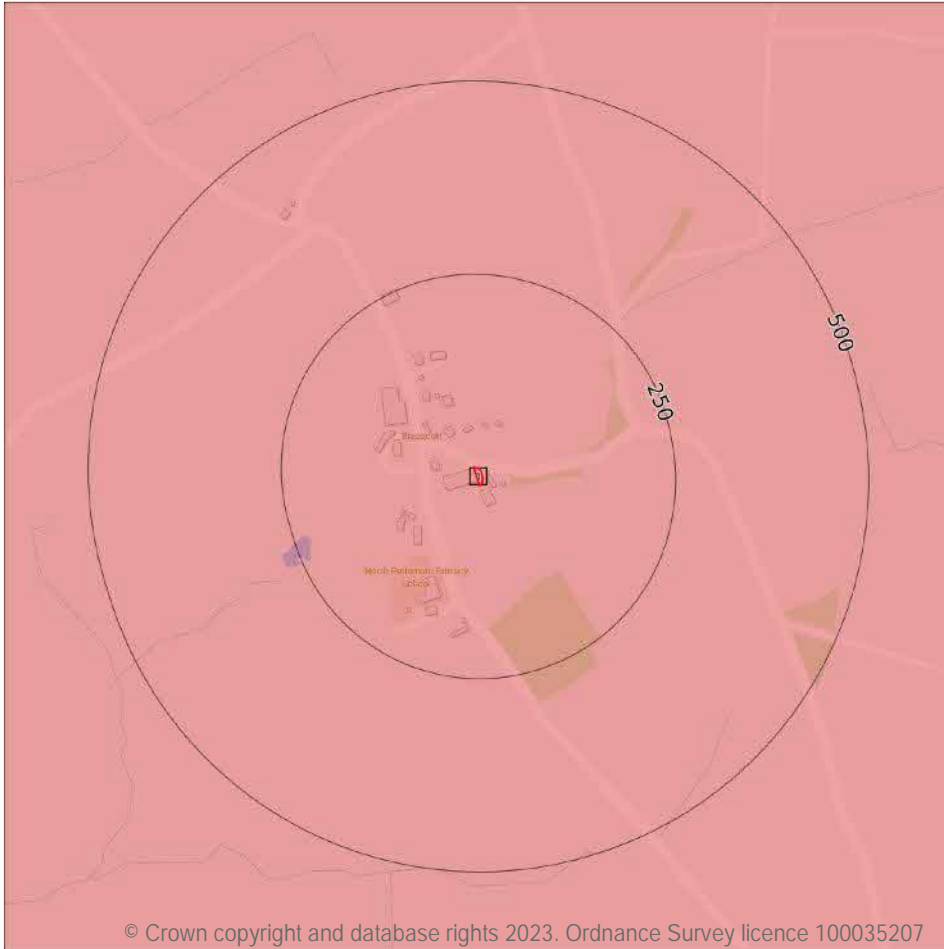
Aquifer status of groundwater held within superficial geology.

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

ID	Location	Designation	Description
1	473m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

Bedrock aquifer



6.2 Bedrock aquifer

Records within 500m

1

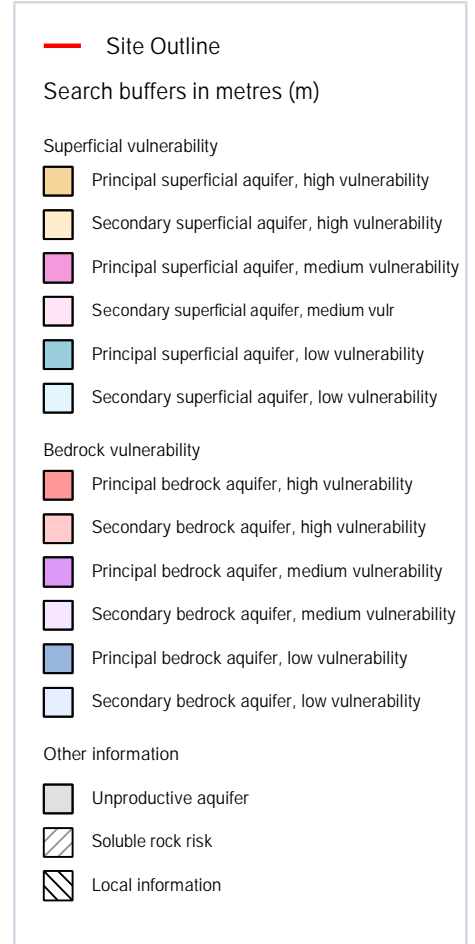
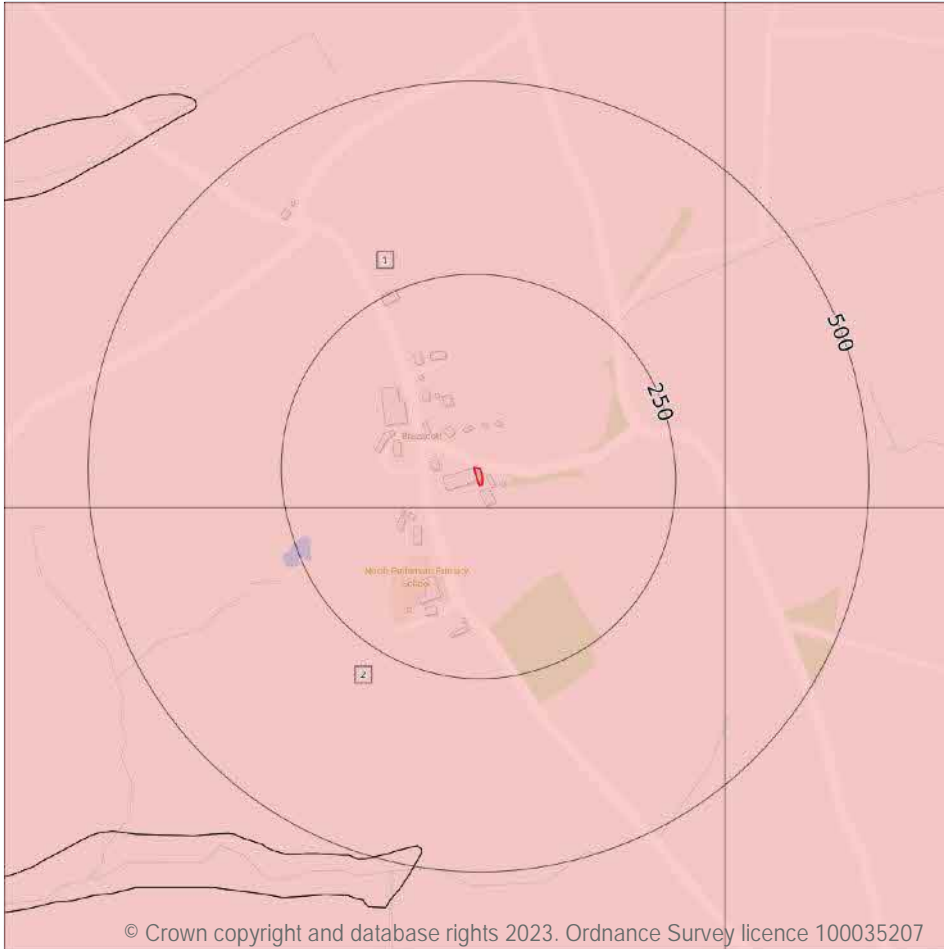
Aquifer status of groundwater held within bedrock geology.

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

ID	Location	Designation	Description
1	On site	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



6.3 Groundwater vulnerability

Records within 50m

2

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

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

Features are displayed on the Groundwater vulnerability map on [page 32 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	28m S	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	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.

6.4 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.

6.5 Groundwater vulnerability- local information

Records on site

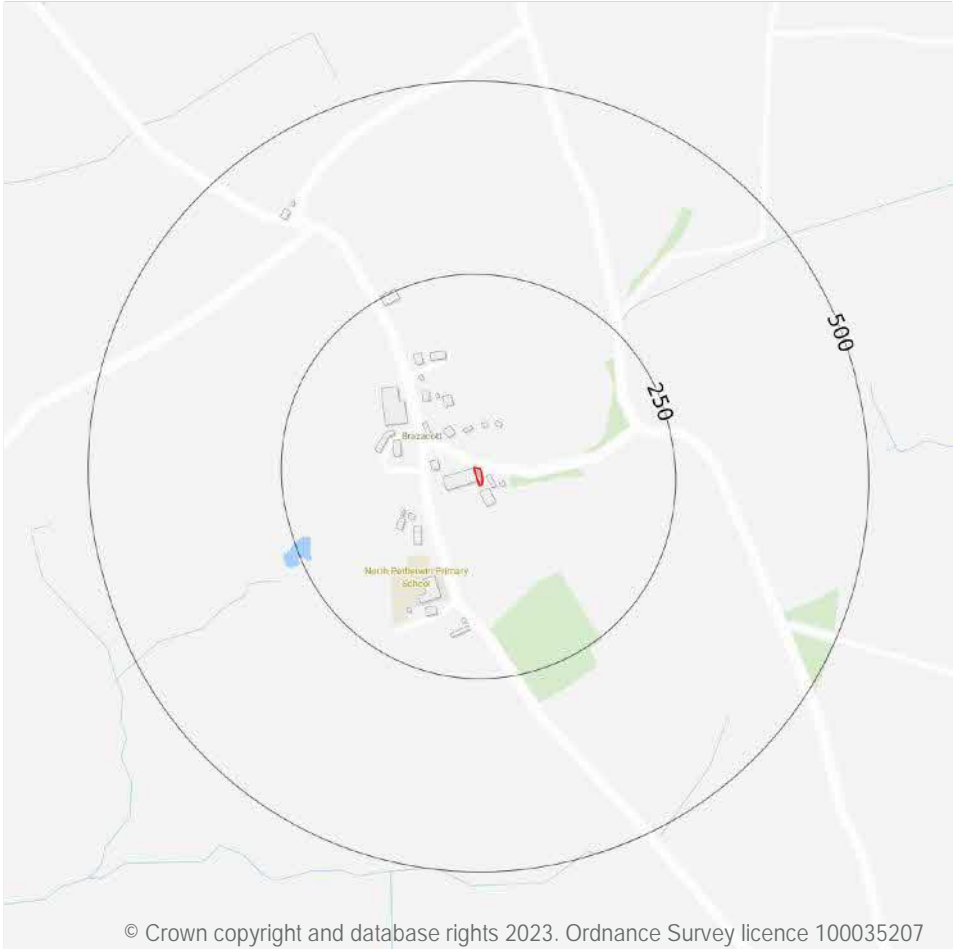
0

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



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6.6 Groundwater abstractions

Records within 2000m **9**

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 34](#) >

ID	Location	Details	
-	1083m SW	Status: Historical Licence No: 15/47/010/G/010 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "WINNACOTT FARM, NORTH PETHERWIN - BOREHOLE" Data Type: Point Name: Bird & Partners Easting: 225800 Northing: 90400	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: 13/05/1996 Version End Date: -
-	1083m SW	Status: Historical Licence No: 15/47/010/G/010 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WINNACOTT FARM, NORTH PETHERWIN - BOREHOLE Data Type: Point Name: Bird & Partners Easting: 225800 Northing: 90400	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: 13/05/1996 Version End Date: -
-	1083m SW	Status: Historical Licence No: 15/47/010/G/104 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WINNACOTT FARM, NORTH PETHERWIN - BOREHOLE Data Type: Point Name: Sharpe Easting: 225800 Northing: 90400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2014 Issue No: 101 Version Start Date: 08/02/2005 Version End Date: -
-	1229m NW	Status: Historical Licence No: 15/47/010/G/064 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "CAPPADOCIA FARM, NORTH PERTHERWIN - WELL" Data Type: Point Name: Uglow Easting: 225700 Northing: 91800	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: 06/03/1975 Version End Date: -



ID	Location	Details	
-	1229m NW	Status: Historical Licence No: 15/47/010/G/064 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CAPPADOCIA FARM, NORTH PERTHERWIN - WELL Data Type: Point Name: Uglow Easting: 225700 Northing: 91800	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: 06/03/1975 Version End Date: -
-	1260m S	Status: Active Licence No: 15/47/010/G/022 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: TRILLACOTT FARM, NORTH PETHERWIN - BOREHOLE Data Type: Point Name: Colville Easting: 226400 Northing: 89800	Annual Volume (m ³): 8628 Max Daily Volume (m ³): 23.64 Original Application No: 12202 Original Start Date: 24/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1260m S	Status: Historical Licence No: 15/47/010/G/022 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "TRILLACOTT FARM, NORTH PETHERWIN - BOREHOLE" Data Type: Point Name: Colville Easting: 226400 Northing: 89800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 24/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 24/08/1992 Version End Date: -
-	1426m NE	Status: Historical Licence No: 15/47/010/G/076 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "WINSDON FARM, NORTH PETHERWIN - BOREHOLE" Data Type: Point Name: Paynter Easting: 228000 Northing: 91600	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: 31/03/1966 Version End Date: -

ID	Location	Details	
-	1426m NE	Status: Historical Licence No: 15/47/010/G/076 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WINDSON FARM, NORTH PETHERWIN - BOREHOLE Data Type: Point Name: Paynter Easting: 228000 Northing: 91600	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: 31/03/1966 Version End Date: -

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

6.7 Surface water abstractions

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

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.

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

6.8 Potable abstractions

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

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

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

6.9 Source Protection Zones

Records within 500m	0
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

6.10 Source Protection Zones (confined aquifer)

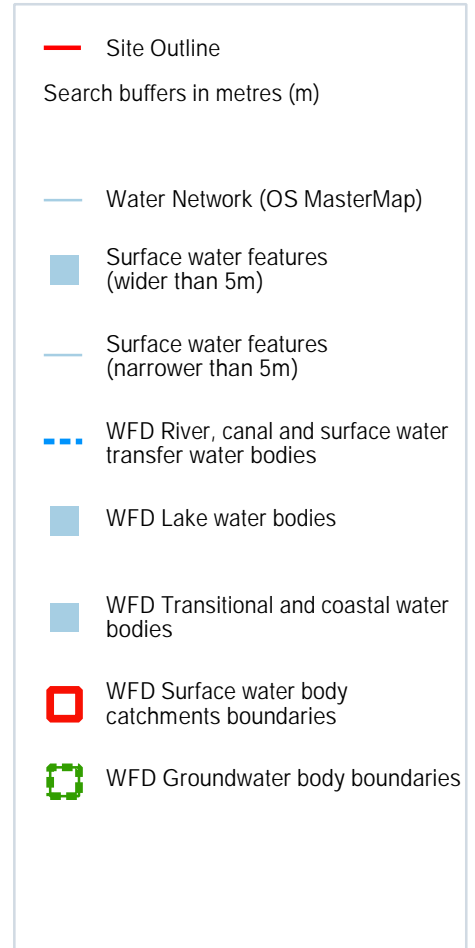
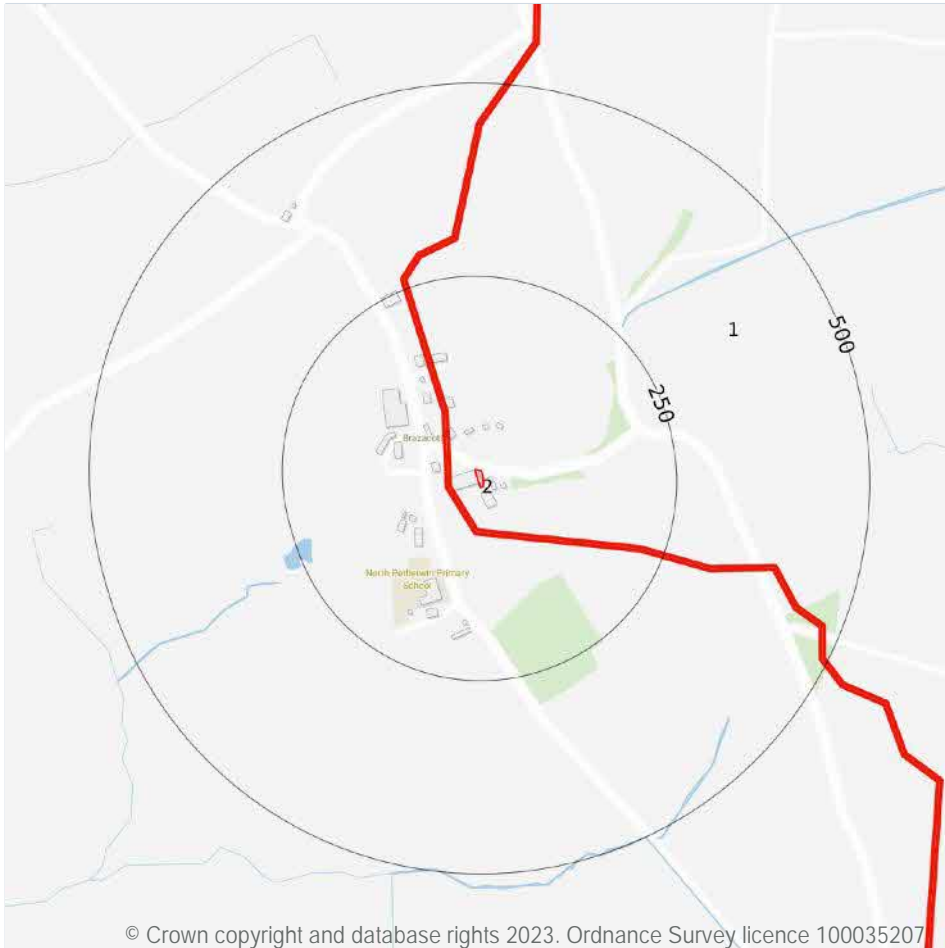
Records within 500m

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.

7 Hydrology



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7.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

7.2 Surface water features

Records within 250m

1

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 39 >](#)

This data is sourced from the Ordnance Survey.

7.3 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 39 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Bolesbridge Water	GB108047007800	Tamar Upper	Tamar

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

7.4 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 39 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	2278m E	River	Bolesbridge Water	GB108047007800	Moderate	Fail	Moderate	2019

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

7.5 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 39 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Tamar	GB40802G806700 ↗	Poor	Poor	Good	2019

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

8 River and coastal flooding

8.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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

8.2 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.

8.3 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.



8.4 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.

8.5 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

8.6 Flood Zone 2

Records within 50m	0
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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.

8.7 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.



9 Surface water flooding

9.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

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.

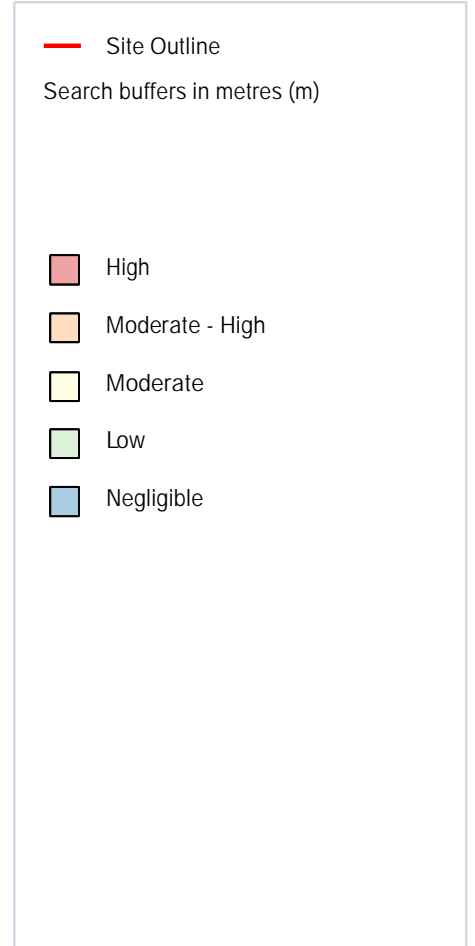
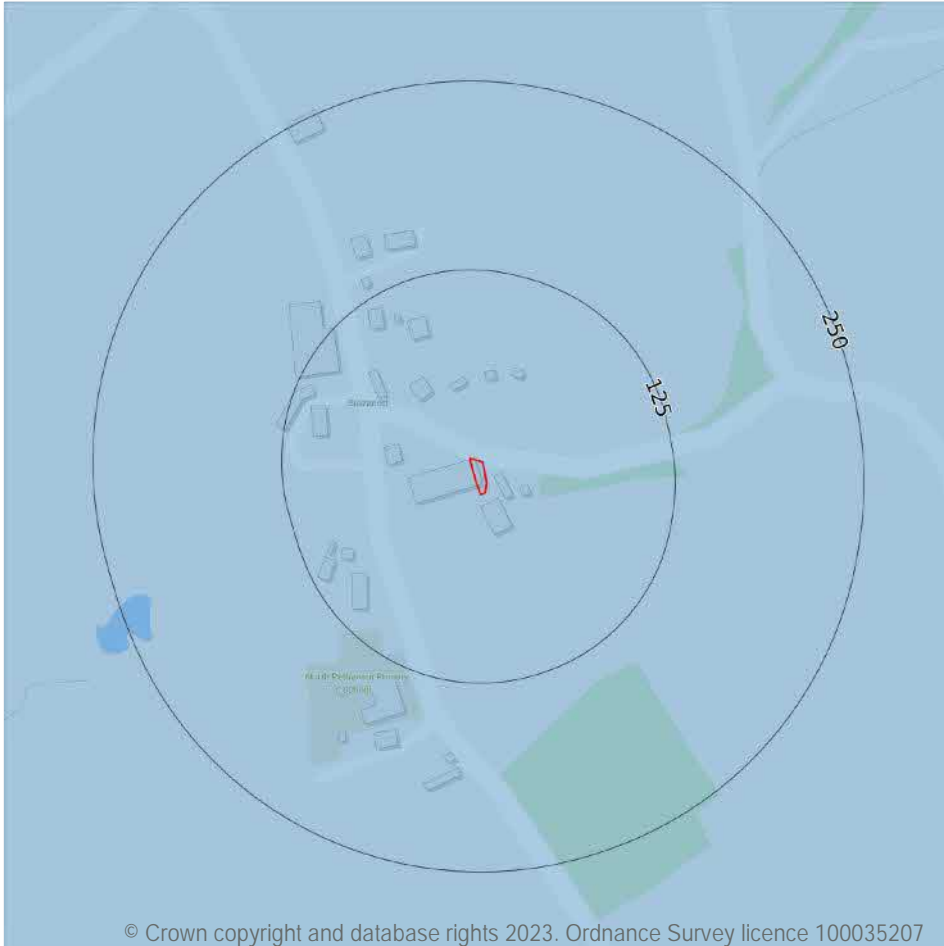
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site. The table below shows the maximum flood depths for a range of return periods for the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



10 Groundwater flooding



10.1 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 46 >](#)

This data is sourced from Ambiental Risk Analytics.

11 Environmental designations

11.1 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.

11.2 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.

11.3 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.

11.4 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.



11.5 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.

11.6 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.

11.7 Designated Ancient Woodland

Records within 2000m

0

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

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

11.8 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.



11.9 Forest Parks

Records within 2000m	0
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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.

11.10 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.

11.11 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.

11.12 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.

11.13 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.



11.14 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.

11.15 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.

11.16 Nitrate Vulnerable Zones

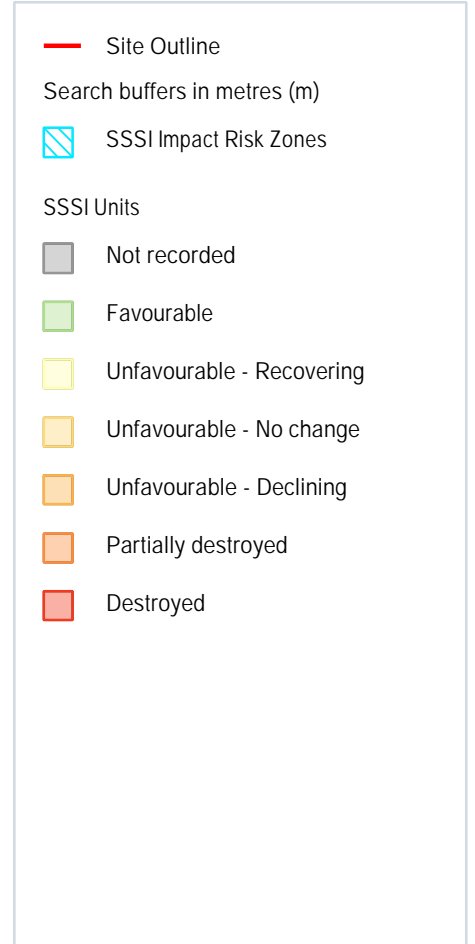
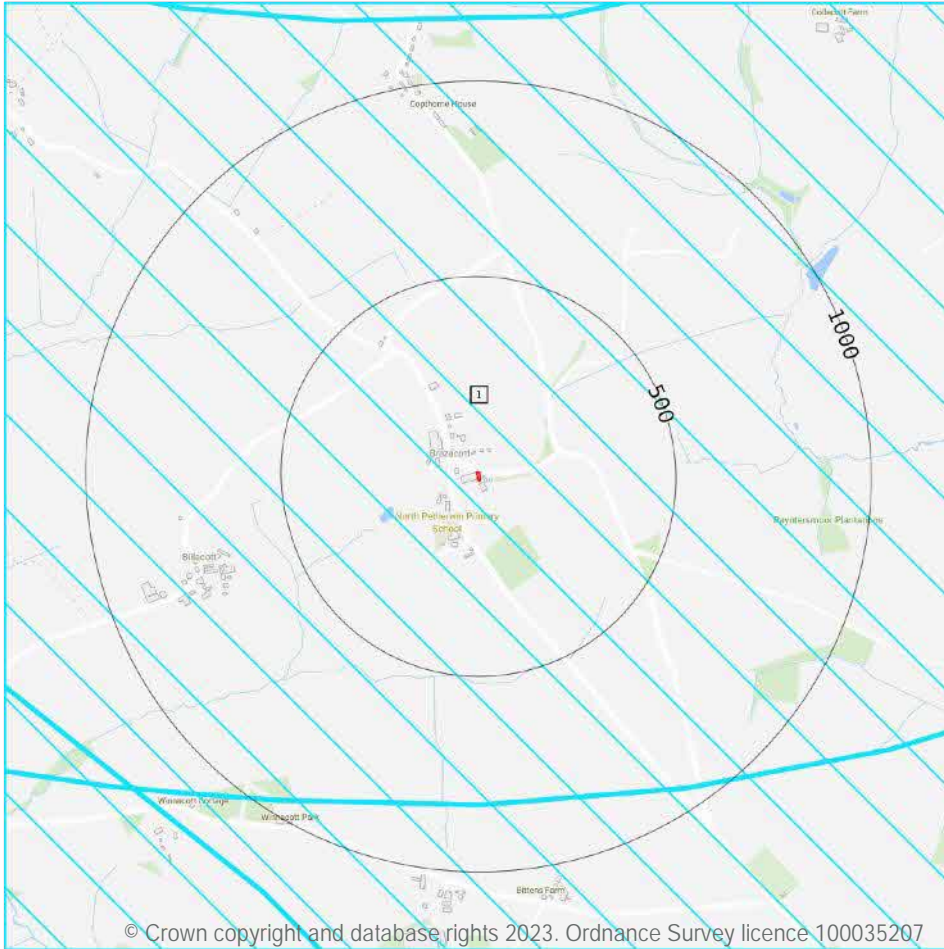
Records within 2000m

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



11.17 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 51](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Oil & gas exploration/extraction.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p>

This data is sourced from Natural England.

11.18 SSSI Units

Records within 2000m

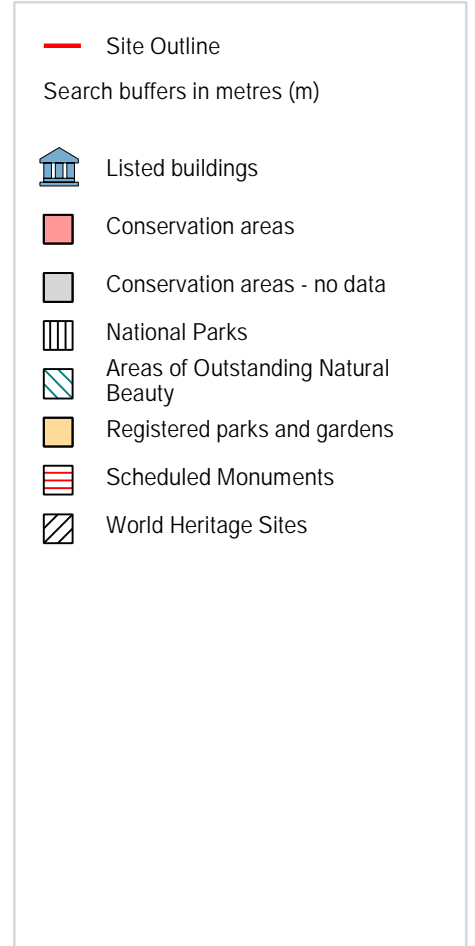
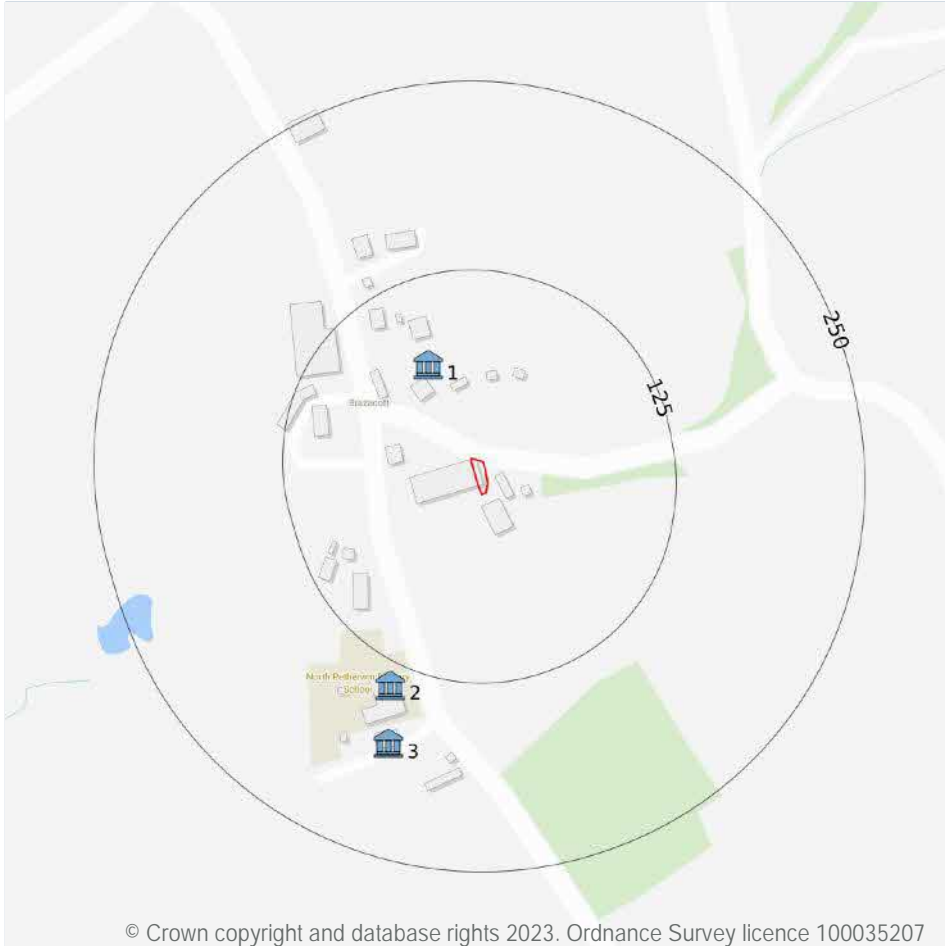
0

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.



12 Visual and cultural designations



12.1 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.

12.2 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.

12.3 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.

12.4 Listed Buildings

Records within 250m

3

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

Features are displayed on the Visual and cultural designations map on [page 53 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	68m NW	Disused Farmhouse Forming North East Wing To House On North East Of Settlement Of Brazacott	II	1160475	11/01/1989
2	140m SW	School And School House And Garden Walls To Front	II	1142936	11/01/1989
3	176m S	Thatched Cottage	II	1310570	11/01/1989

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



12.5 Conservation Areas

Records within 250m

0

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

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

12.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

12.7 Registered Parks and Gardens

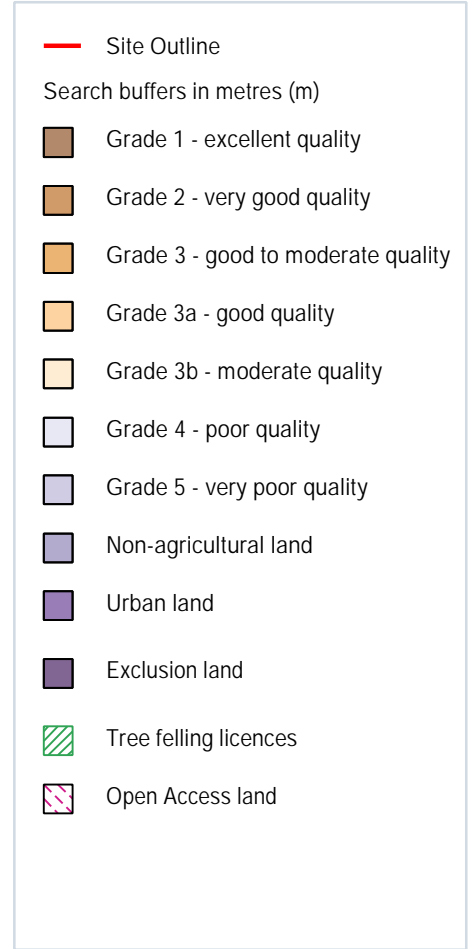
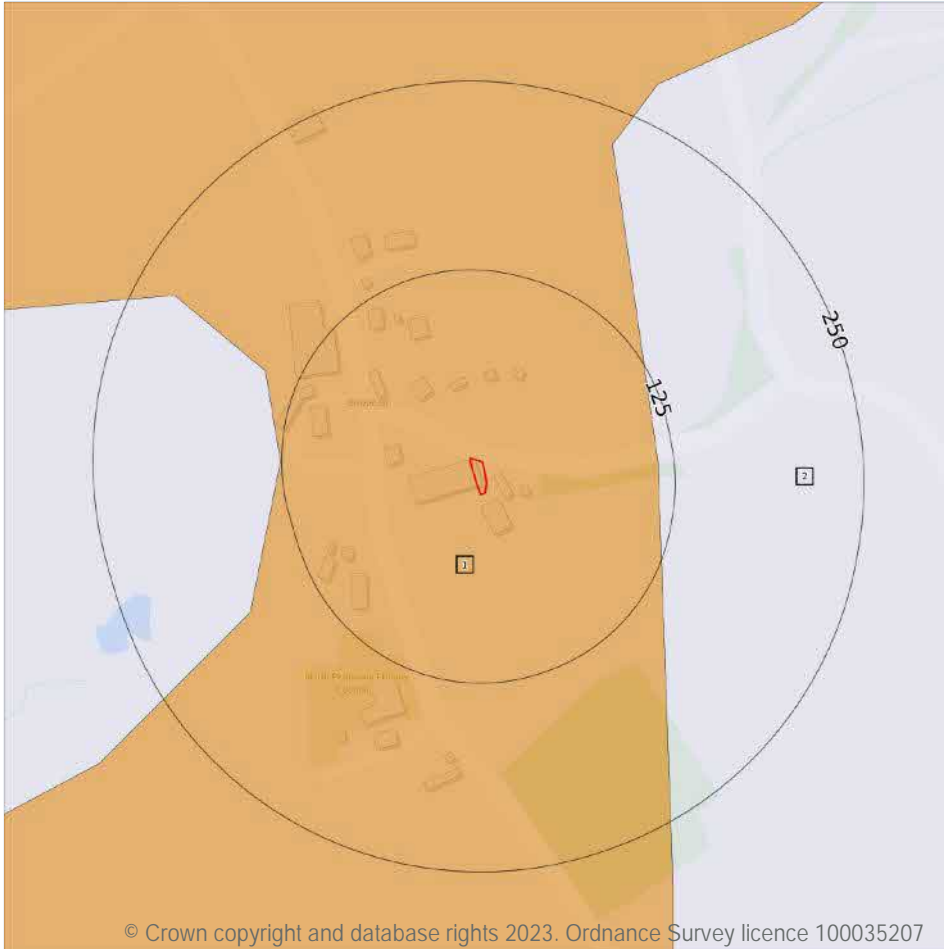
Records within 250m

0

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

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

13 Agricultural designations



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13.1 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 56](#) >

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	114m E	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.

13.2 Open Access Land

Records within 250m **0**

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

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

13.3 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.

13.4 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. The schemes identified may be historical schemes that have now expired, or may still be active.

Location	Reference	Scheme	Start Date	End date
107m SW	AG00522474	Entry Level Stewardship	01/10/2013	30/09/2018
118m NW	AG00522474	Entry Level Stewardship	01/10/2013	30/09/2018
157m N	AG00522474	Entry Level Stewardship	01/10/2013	30/09/2018

This data is sourced from Natural England.



13.5 Countryside Stewardship Schemes

Records within 250m

4

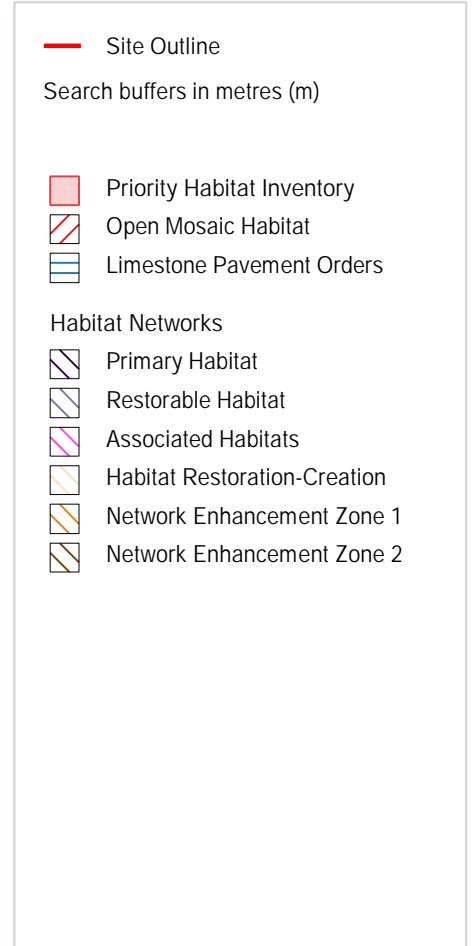
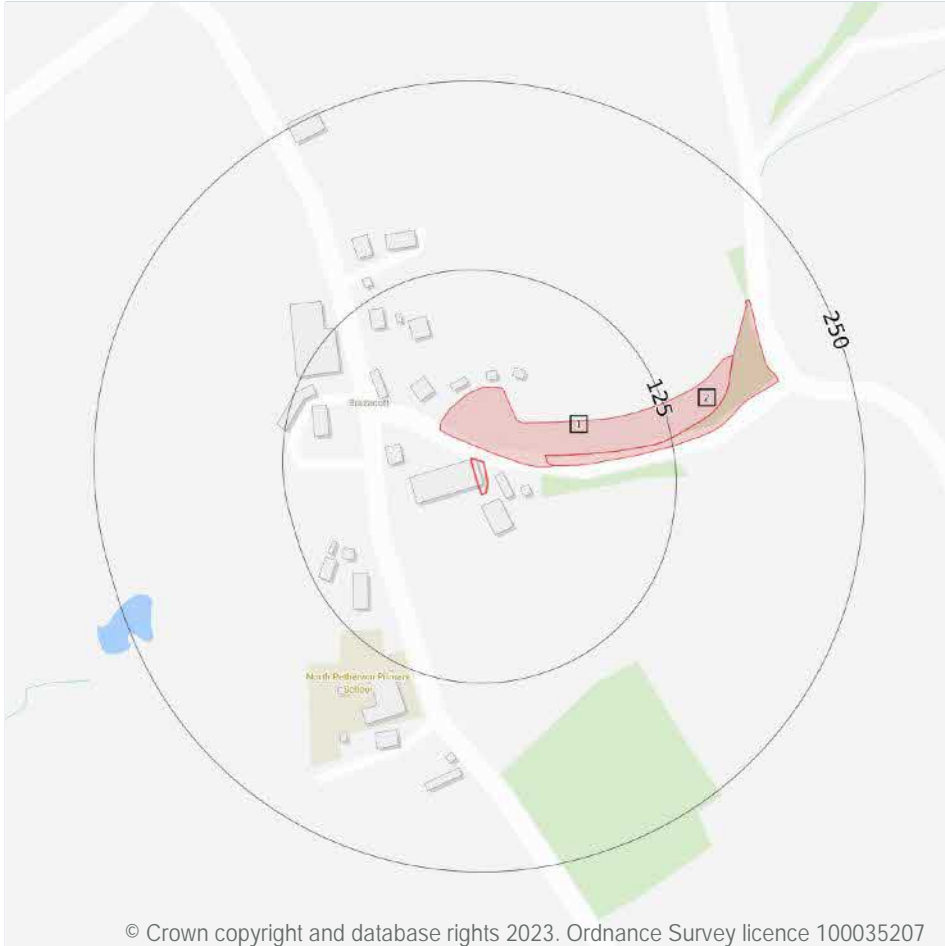
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
107m SW	1052430	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
118m NW	1052430	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
157m N	1052430	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025
207m NE	1062183	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025

This data is sourced from Natural England.



14 Habitat designations



14.1 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 59](#) >

ID	Location	Main Habitat	Other habitats
1	8m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	41m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

14.2 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.

14.3 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.

14.4 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.



Data providers

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

Terms and conditions

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



APPENDIX B

Risk Assessment Matrix

	Category	Definition
Potential severity	Severe	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters
	Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species, significant damage to buildings or structures
	Mild	Pollution of non sensitive waters, minor damage to buildings or structures
	Minor	Requirement for protective equipment during site works to mitigate health effects, damage to non sensitive ecosystems or species
Probability of risk	High likelihood	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
	Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
	Low likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
	Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

		Potential severity			
		Severe	Medium	Mild	Minor
Probability Of Risk	High likelihood	Very high	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/Low	Low
	Low likelihood	Moderate	Moderate/Low	Low	Negligible
	Unlikely	Moderate/Low	Low	Negligible	Negligible