

BELLIVER WAY, PLYMOUTH, PL6 7BW

## Order Details

**Date:** 07/09/2023  
**Your ref:** Plymouth\_EfW  
**Our Ref:** GS-J2D-P8O-F34-YEC

## Site Details

**Location:** 249903 062382  
**Area:** 0.9 ha  
**Authority:** [Plymouth City Council](#) ↗



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[OS MasterMap site plan](#)

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## Summary of findings

Page	Section	<a href="#">Past land use &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">15 &gt;</a>	<a href="#">1.1 &gt;</a>	<a href="#">Historical industrial land uses &gt;</a>	1	3	10	17	-
<a href="#">17 &gt;</a>	<a href="#">1.2 &gt;</a>	<a href="#">Historical tanks &gt;</a>	0	0	8	4	-
<a href="#">18 &gt;</a>	<a href="#">1.3 &gt;</a>	<a href="#">Historical energy features &gt;</a>	0	0	8	11	-
<a href="#">19 &gt;</a>	<a href="#">1.4 &gt;</a>	<a href="#">Historical petrol stations &gt;</a>	0	0	0	1	-
<a href="#">19 &gt;</a>	<a href="#">1.5 &gt;</a>	<a href="#">Historical garages &gt;</a>	0	0	0	1	-
19	1.6	Historical military land	0	0	0	0	-
Page	Section	<a href="#">Past land use - un-grouped &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">20 &gt;</a>	<a href="#">2.1 &gt;</a>	<a href="#">Historical industrial land uses &gt;</a>	1	4	13	18	-
<a href="#">22 &gt;</a>	<a href="#">2.2 &gt;</a>	<a href="#">Historical tanks &gt;</a>	0	0	24	6	-
<a href="#">23 &gt;</a>	<a href="#">2.3 &gt;</a>	<a href="#">Historical energy features &gt;</a>	0	0	18	18	-
<a href="#">25 &gt;</a>	<a href="#">2.4 &gt;</a>	<a href="#">Historical petrol stations &gt;</a>	0	0	0	2	-
<a href="#">25 &gt;</a>	<a href="#">2.5 &gt;</a>	<a href="#">Historical garages &gt;</a>	0	0	0	1	-
Page	Section	<a href="#">Waste and landfill &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
26	3.1	Active or recent landfill	0	0	0	0	-
26	3.2	Historical landfill (BGS records)	0	0	0	0	-
27	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
27	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
<a href="#">27 &gt;</a>	<a href="#">3.5 &gt;</a>	<a href="#">Historical waste sites &gt;</a>	0	1	0	0	-
<a href="#">27 &gt;</a>	<a href="#">3.6 &gt;</a>	<a href="#">Licensed waste sites &gt;</a>	0	2	2	0	-
<a href="#">29 &gt;</a>	<a href="#">3.7 &gt;</a>	<a href="#">Waste exemptions &gt;</a>	0	0	27	6	-
Page	Section	<a href="#">Current industrial land use &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">32 &gt;</a>	<a href="#">4.1 &gt;</a>	<a href="#">Recent industrial land uses &gt;</a>	3	8	25	-	-
35	4.2	Current or recent petrol stations	0	0	0	0	-
35	4.3	Electricity cables	0	0	0	0	-
35	4.4	Gas pipelines	0	0	0	0	-
35	4.5	Sites determined as Contaminated Land	0	0	0	0	-



35	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
36	4.7	Regulated explosive sites	0	0	0	0	-
36	4.8	Hazardous substance storage/usage	0	0	0	0	-
36	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
<a href="#">36 &gt;</a>	<a href="#">4.10 &gt;</a>	<a href="#">Licensed industrial activities (Part A(1)) &gt;</a>	5	0	0	22	-
<a href="#">41 &gt;</a>	<a href="#">4.11 &gt;</a>	<a href="#">Licensed pollutant release (Part A(2)/B) &gt;</a>	0	0	1	4	-
<a href="#">42 &gt;</a>	<a href="#">4.12 &gt;</a>	<a href="#">Radioactive Substance Authorisations &gt;</a>	0	0	4	0	-
42	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
42	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
43	4.15	Pollutant release to public sewer	0	0	0	0	-
<a href="#">43 &gt;</a>	<a href="#">4.16 &gt;</a>	<a href="#">List 1 Dangerous Substances &gt;</a>	0	0	0	1	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
<a href="#">43 &gt;</a>	<a href="#">4.18 &gt;</a>	<a href="#">Pollution Incidents (EA/NRW) &gt;</a>	0	0	3	2	-
<a href="#">44 &gt;</a>	<a href="#">4.19 &gt;</a>	<a href="#">Pollution inventory substances &gt;</a>	0	0	0	1	-
<a href="#">45 &gt;</a>	<a href="#">4.20 &gt;</a>	<a href="#">Pollution inventory waste transfers &gt;</a>	0	0	0	1	-
47	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
48	5.1	Superficial aquifer	None (within 500m)				
<a href="#">49 &gt;</a>	<a href="#">5.2 &gt;</a>	<a href="#">Bedrock aquifer &gt;</a>	Identified (within 500m)				
<a href="#">51 &gt;</a>	<a href="#">5.3 &gt;</a>	<a href="#">Groundwater vulnerability &gt;</a>	Identified (within 50m)				
52	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
52	5.5	Groundwater vulnerability- local information	None (within 0m)				
53	5.6	Groundwater abstractions	0	0	0	0	0
<a href="#">54 &gt;</a>	<a href="#">5.7 &gt;</a>	<a href="#">Surface water abstractions &gt;</a>	0	0	0	0	2
54	5.8	Potable abstractions	0	0	0	0	0
55	5.9	Source Protection Zones	0	0	0	0	-
55	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">56 &gt;</a>	<a href="#">6.1 &gt;</a>	<a href="#">Water Network (OS MasterMap) &gt;</a>	0	0	12	-	-



<a href="#">58</a> >	<a href="#">6.2</a> >	<a href="#">Surface water features</a> >	0	0	8	-	-
<a href="#">58</a> >	<a href="#">6.3</a> >	<a href="#">WFD Surface water body catchments</a> >	1	-	-	-	-
58	6.4	WFD Surface water bodies	0	0	0	-	-
<a href="#">59</a> >	<a href="#">6.5</a> >	<a href="#">WFD Groundwater bodies</a> >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
60	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
60	7.2	Historical Flood Events	0	0	0	-	-
60	7.3	Flood Defences	0	0	0	-	-
61	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
61	7.5	Flood Storage Areas	0	0	0	-	-
62	7.6	Flood Zone 2	None (within 50m)				
62	7.7	Flood Zone 3	None (within 50m)				
Page	Section	<a href="#">Surface water flooding</a> >					
<a href="#">63</a> >	<a href="#">8.1</a> >	<a href="#">Surface water flooding</a> >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	<a href="#">Groundwater flooding</a> >					
<a href="#">65</a> >	<a href="#">9.1</a> >	<a href="#">Groundwater flooding</a> >	Negligible (within 50m)				
Page	Section	<a href="#">Environmental designations</a> >	On site	0-50m	50-250m	250-500m	500-2000m
66	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
67	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
67	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
67	10.4	Special Protection Areas (SPA)	0	0	0	0	0
67	10.5	National Nature Reserves (NNR)	0	0	0	0	0
<a href="#">68</a> >	<a href="#">10.6</a> >	<a href="#">Local Nature Reserves (LNR)</a> >	0	0	0	0	1
<a href="#">68</a> >	<a href="#">10.7</a> >	<a href="#">Designated Ancient Woodland</a> >	0	1	0	0	14
69	10.8	Biosphere Reserves	0	0	0	0	0
69	10.9	Forest Parks	0	0	0	0	0
69	10.10	Marine Conservation Zones	0	0	0	0	0
69	10.11	Green Belt	0	0	0	0	0
70	10.12	Proposed Ramsar sites	0	0	0	0	0



70	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
70	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
70	10.15	Nitrate Sensitive Areas	0	0	0	0	0
71	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
<b>72 &gt;</b>	<b>10.17 &gt;</b>	<b><u>SSSI Impact Risk Zones &gt;</u></b>	1	-	-	-	-
73	10.18	SSSI Units	0	0	0	0	0
Page	Section	<b><u>Visual and cultural designations &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
74	11.1	World Heritage Sites	0	0	0	-	-
75	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
75	11.3	National Parks	0	0	0	-	-
75	11.4	Listed Buildings	0	0	0	-	-
<b>75 &gt;</b>	<b>11.5 &gt;</b>	<b><u>Conservation Areas &gt;</u></b>	0	0	1	-	-
76	11.6	Scheduled Ancient Monuments	0	0	0	-	-
76	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	<b><u>Agricultural designations &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
<b>77 &gt;</b>	<b>12.1 &gt;</b>	<b><u>Agricultural Land Classification &gt;</u></b>	Grade 3b (within 250m)				
78	12.2	Open Access Land	0	0	0	-	-
<b>78 &gt;</b>	<b>12.3 &gt;</b>	<b><u>Tree Felling Licences &gt;</u></b>	0	0	1	-	-
<b>78 &gt;</b>	<b>12.4 &gt;</b>	<b><u>Environmental Stewardship Schemes &gt;</u></b>	0	0	1	-	-
79	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	<b><u>Habitat designations &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
<b>80 &gt;</b>	<b>13.1 &gt;</b>	<b><u>Priority Habitat Inventory &gt;</u></b>	0	1	7	-	-
81	13.2	Habitat Networks	0	0	0	-	-
81	13.3	Open Mosaic Habitat	0	0	0	-	-
81	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<b><u>Geology 1:10,000 scale &gt;</u></b>	On site	0-50m	50-250m	250-500m	500-2000m
<b>82 &gt;</b>	<b>14.1 &gt;</b>	<b><u>10k Availability &gt;</u></b>	Identified (within 500m)				
83	14.2	Artificial and made ground (10k)	0	0	0	0	-
84	14.3	Superficial geology (10k)	0	0	0	0	-

84	14.4	Landslip (10k)	0	0	0	0	-
85	14.5	Bedrock geology (10k)	0	0	0	0	-
85	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	<a href="#">Geology 1:50,000 scale &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">86 &gt;</a>	<a href="#">15.1 &gt;</a>	<a href="#">50k Availability &gt;</a>	Identified (within 500m)				
87	15.2	Artificial and made ground (50k)	0	0	0	0	-
87	15.3	Artificial ground permeability (50k)	0	0	-	-	-
88	15.4	Superficial geology (50k)	0	0	0	0	-
88	15.5	Superficial permeability (50k)	None (within 50m)				
88	15.6	Landslip (50k)	0	0	0	0	-
88	15.7	Landslip permeability (50k)	None (within 50m)				
<a href="#">89 &gt;</a>	<a href="#">15.8 &gt;</a>	<a href="#">Bedrock geology (50k) &gt;</a>	1	0	0	1	-
<a href="#">90 &gt;</a>	<a href="#">15.9 &gt;</a>	<a href="#">Bedrock permeability (50k) &gt;</a>	Identified (within 50m)				
90	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	<a href="#">Boreholes &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">91 &gt;</a>	<a href="#">16.1 &gt;</a>	<a href="#">BGS Boreholes &gt;</a>	0	0	1	-	-
Page	Section	<a href="#">Natural ground subsidence &gt;</a>					
<a href="#">92 &gt;</a>	<a href="#">17.1 &gt;</a>	<a href="#">Shrink swell clays &gt;</a>	Negligible (within 50m)				
<a href="#">93 &gt;</a>	<a href="#">17.2 &gt;</a>	<a href="#">Running sands &gt;</a>	Negligible (within 50m)				
<a href="#">95 &gt;</a>	<a href="#">17.3 &gt;</a>	<a href="#">Compressible deposits &gt;</a>	Negligible (within 50m)				
<a href="#">96 &gt;</a>	<a href="#">17.4 &gt;</a>	<a href="#">Collapsible deposits &gt;</a>	Very low (within 50m)				
<a href="#">97 &gt;</a>	<a href="#">17.5 &gt;</a>	<a href="#">Landslides &gt;</a>	Very low (within 50m)				
<a href="#">99 &gt;</a>	<a href="#">17.6 &gt;</a>	<a href="#">Ground dissolution of soluble rocks &gt;</a>	Negligible (within 50m)				
Page	Section	<a href="#">Mining and ground workings &gt;</a>	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">101 &gt;</a>	<a href="#">18.1 &gt;</a>	<a href="#">BritPits &gt;</a>	0	0	1	1	-
<a href="#">102 &gt;</a>	<a href="#">18.2 &gt;</a>	<a href="#">Surface ground workings &gt;</a>	0	3	14	-	-
103	18.3	Underground workings	0	0	0	0	0
103	18.4	Underground mining extents	0	0	0	0	-
103	18.5	Historical Mineral Planning Areas	0	0	0	0	-



<a href="#">104</a> >	<a href="#">18.6</a> >	<a href="#">Non-coal mining</a> >	1	1	0	0	0
104	18.7	JPB mining areas	None (within 0m)				
104	18.8	The Coal Authority non-coal mining	0	0	0	0	-
105	18.9	Researched mining	0	0	0	0	-
105	18.10	Mining record office plans	0	0	0	0	-
105	18.11	BGS mine plans	0	0	0	0	-
105	18.12	Coal mining	None (within 0m)				
105	18.13	Brine areas	None (within 0m)				
106	18.14	Gypsum areas	None (within 0m)				
106	18.15	Tin mining	None (within 0m)				
106	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
107	19.1	Natural cavities	0	0	0	0	-
107	19.2	Mining cavities	0	0	0	0	0
107	19.3	Reported recent incidents	0	0	0	0	-
107	19.4	Historical incidents	0	0	0	0	-
108	19.5	National karst database	0	0	0	0	-
Page	Section	<a href="#">Radon</a> >					
<a href="#">109</a> >	<a href="#">20.1</a> >	<a href="#">Radon</a> >	Less than 1% (within 0m)				
Page	Section	<a href="#">Soil chemistry</a> >	On site	0-50m	50-250m	250-500m	500-2000m
<a href="#">111</a> >	<a href="#">21.1</a> >	<a href="#">BGS Estimated Background Soil Chemistry</a> >	1	1	-	-	-
111	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
111	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
112	22.1	Underground railways (London)	0	0	0	-	-
112	22.2	Underground railways (Non-London)	0	0	0	-	-
112	22.3	Railway tunnels	0	0	0	-	-
112	22.4	Historical railway and tunnel features	0	0	0	-	-
112	22.5	Royal Mail tunnels	0	0	0	-	-



113	22.6	Historical railways	0	0	0	-	-
113	22.7	Railways	0	0	0	-	-
113	22.8	Crossrail 1	0	0	0	0	-
113	22.9	Crossrail 2	0	0	0	0	-
113	22.10	HS2	0	0	0	0	-





## Recent aerial photograph



Capture Date: 04/07/2019

Site Area: 0.9ha



Contact us with any questions at:

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Date: 7 September 2023

## Recent site history - 2016 aerial photograph



Capture Date: 31/05/2016

Site Area: 0.9ha



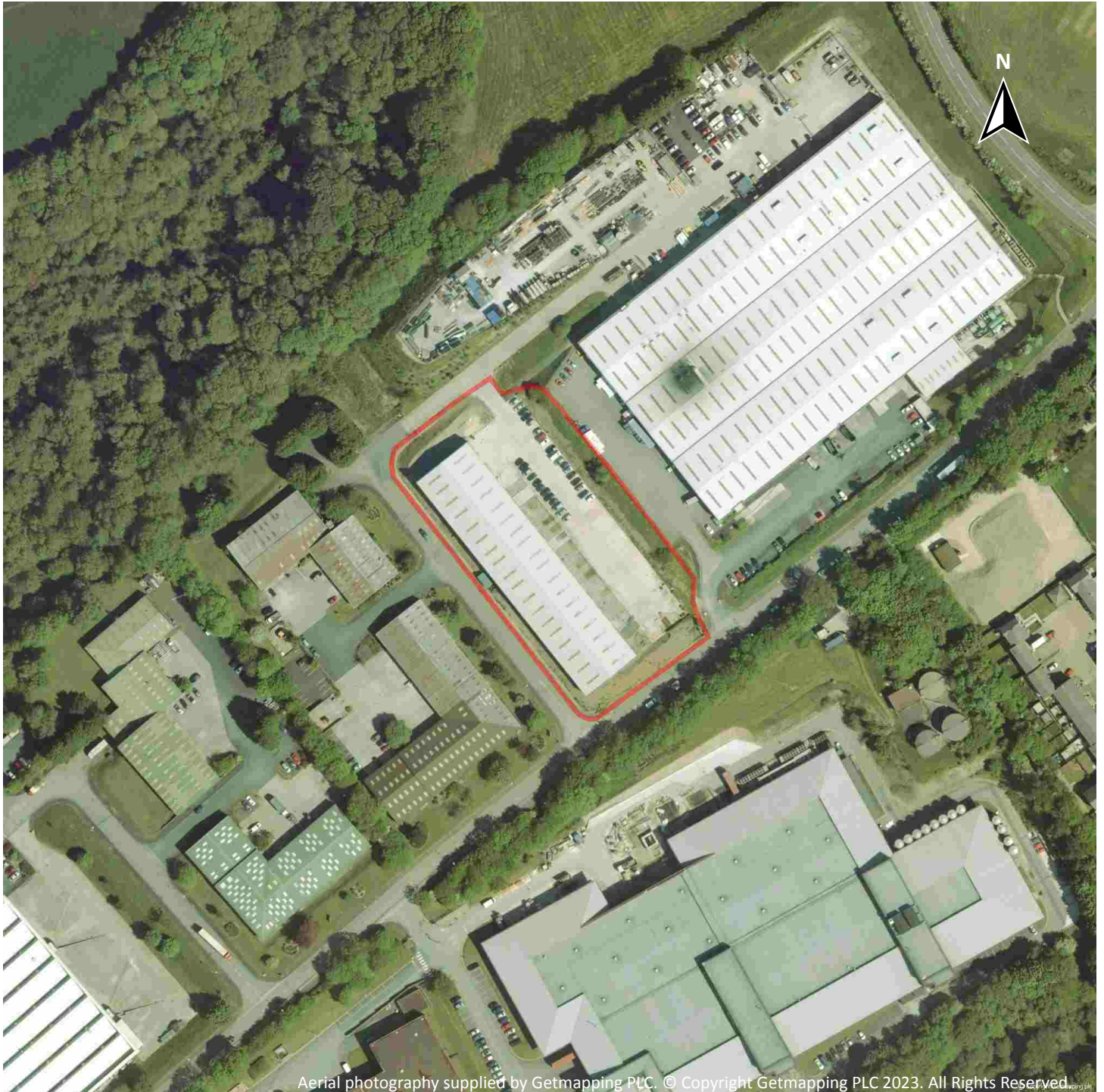
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Date: 7 September 2023

## Recent site history - 2010 aerial photograph



Capture Date: 24/05/2010

Site Area: 0.9ha



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Date: 7 September 2023

## Recent site history - 2006 aerial photograph



Capture Date: 16/06/2006

Site Area: 0.9ha



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Date: 7 September 2023

## Recent site history - 1999 aerial photograph



Capture Date: 27/07/1999

Site Area: 0.9ha



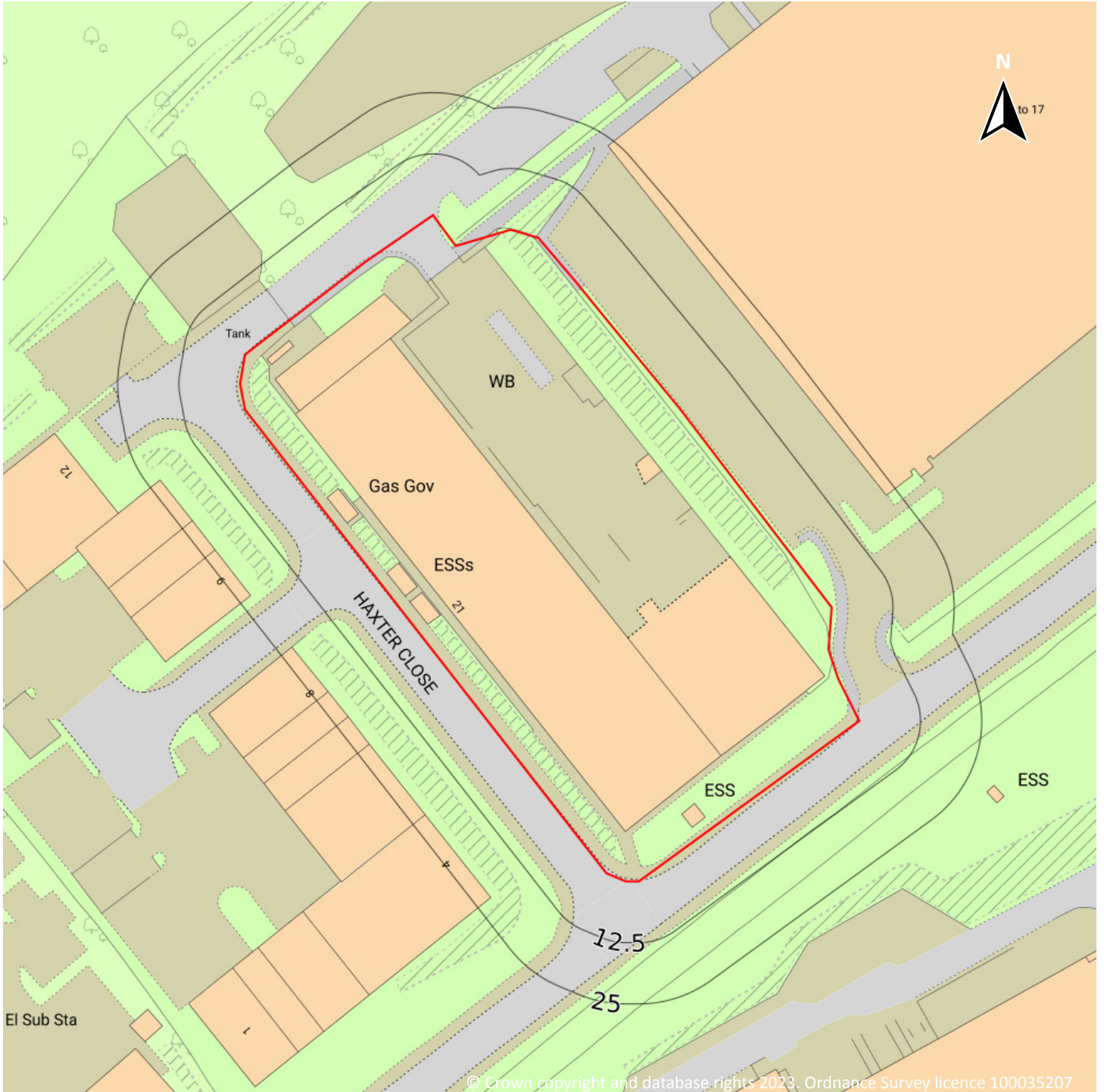
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Date: 7 September 2023

## OS MasterMap site plan



Site Area: 0.9ha



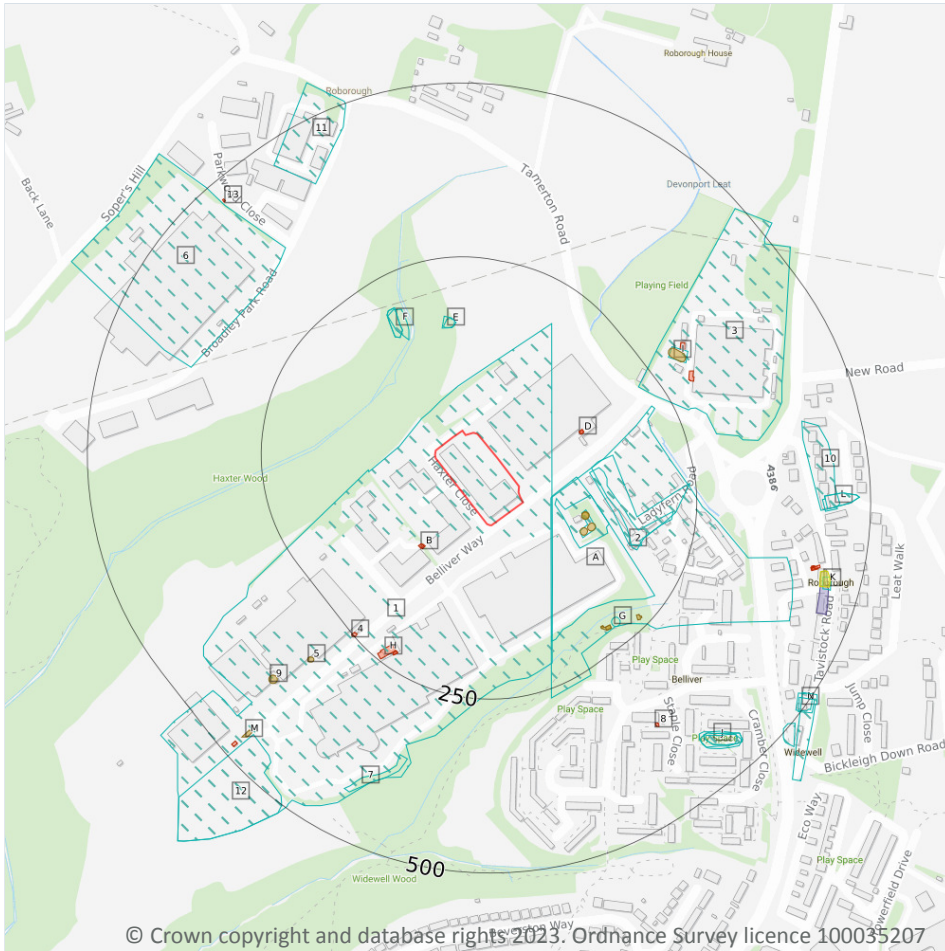
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Date: 7 September 2023

# 1 Past land use



**Site Outline**

**Search buffers in metres (m)**

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

## 1.1 Historical industrial land uses

**Records within 500m** **31**

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
1	On site	Industrial Estate	1987	387344

ID	Location	Land use	Dates present	Group ID
2	40m E	Sewage Works	1954	384639
A	42m E	Unspecified Commercial/Industrial	1995	395547
A	46m E	Unspecified Ground Workings	1981 - 1995	413649
A	86m E	Unspecified Tanks	1981 - 1995	414958
C	103m E	Unspecified Ground Workings	1954 - 1995	405460
C	108m E	Unspecified Heap	1907	391504
E	149m N	Unspecified Quarry	1884	415389
E	149m N	Unspecified Quarry	1954	417312
F	152m NW	Unspecified Quarry	1954	410633
F	161m NW	Unspecified Quarry	1974	411183
F	161m NW	Unspecified Quarry	1987	421232
G	211m SE	Unspecified Tank	1954	383522
3	223m NE	Unspecified Commercial/Industrial	1995	395545
I	283m NE	Unspecified Tanks	1995	392400
6	340m NW	Unspecified Commercial/Industrial	1987	395546
7	354m S	Unspecified Ground Workings	1987	398247
10	413m E	Police Station	1954	412802
11	413m NW	Unspecified Factory	1987	383932
J	419m SE	Unspecified Pit	1954	421200
J	423m SE	Unspecified Old Quarry	1907	394450
J	423m SE	Unspecified Pit	1884	422230
J	424m SE	Unspecified Quarry	1865	389142
L	431m E	Police Station	1865 - 1884	414983
L	434m E	Police Station	1907	402103
K	444m E	Smithy	1865	396838
12	452m SW	Unspecified Heap	1987	391491
N	482m SE	Smithy	1907	408621
N	486m SE	Smithy	1884	426547





ID	Location	Land use	Dates present	Group ID
N	486m SE	Smithy	1865	425867
N	496m SE	Refuse Heap	1865	401249

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.2 Historical tanks

### Records within 500m

**12**

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	86m E	Unspecified Tank	1982 - 1992	50752
A	87m E	Unspecified Tank	1992 - 1993	50866
A	92m SE	Unspecified Tank	1982 - 1993	49868
A	99m SE	Unspecified Tank	1982 - 1993	49858
G	210m SE	Tanks	1988	52000
G	211m SE	Tanks	1952 - 1972	53812
G	215m SE	Tanks	1988	51575
G	230m SE	Unspecified Tank	1952 - 1988	49322
I	286m NE	Tanks	1988 - 1992	53458
5	315m SW	Unspecified Tank	1988 - 1991	50893
9	374m SW	Unspecified Tank	1991	45881
M	452m SW	Unspecified Tank	1988	45880

*This data is sourced from Ordnance Survey / Groundsure.*



### 1.3 Historical energy features

Records within 500m

19

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

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

ID	Location	Land use	Dates present	Group ID
B	89m SW	Electricity Substation	1982	26870
B	91m SW	Electricity Substation	1988 - 1991	28912
D	116m NE	Electricity Substation	1990 - 1992	27151
D	116m NE	Electricity Substation	1982 - 1993	26626
H	220m SW	Electricity Substations	1988 - 1991	26087
H	224m SW	Electricity Substation	1985	23941
H	224m SW	Electricity Substations	1982	24517
4	245m SW	Electricity Substation	1982 - 1991	29625
I	288m NE	Electricity Substation	1988 - 1992	27425
I	304m NE	Electricity Substation	1988	23975
8	369m SE	Electricity Substation	1982 - 1993	26194
K	425m E	Electricity Substation	1990	24712
K	425m E	Electricity Substation	1992	26108
K	425m E	Electricity Substation	1993	29942
K	426m E	Electricity Substation	1982 - 1988	25732
K	426m E	Electricity Substation	1992	25865
K	429m E	Electricity Substation	1972	28603
13	469m NW	Electricity Substation	1991	23942
M	478m SW	Electricity Substation	1984 - 1992	26877

*This data is sourced from Ordnance Survey / Groundsure.*



## 1.4 Historical petrol stations

### Records within 500m

**1**

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

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

ID	Location	Land use	Dates present	Group ID
K	439m E	Filling Station	1972 - 1988	923

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.5 Historical garages

### Records within 500m

**1**

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

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

ID	Location	Land use	Dates present	Group ID
K	440m E	Garage	1982	8095

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.6 Historical military land

### Records within 500m

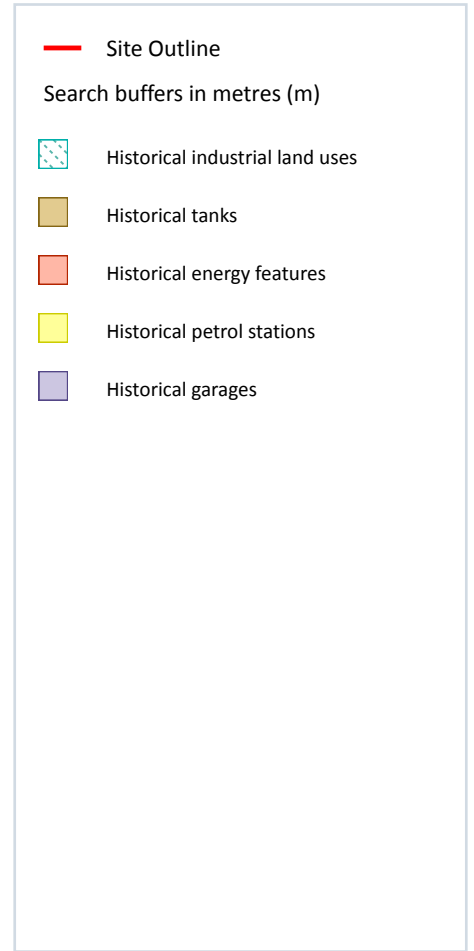
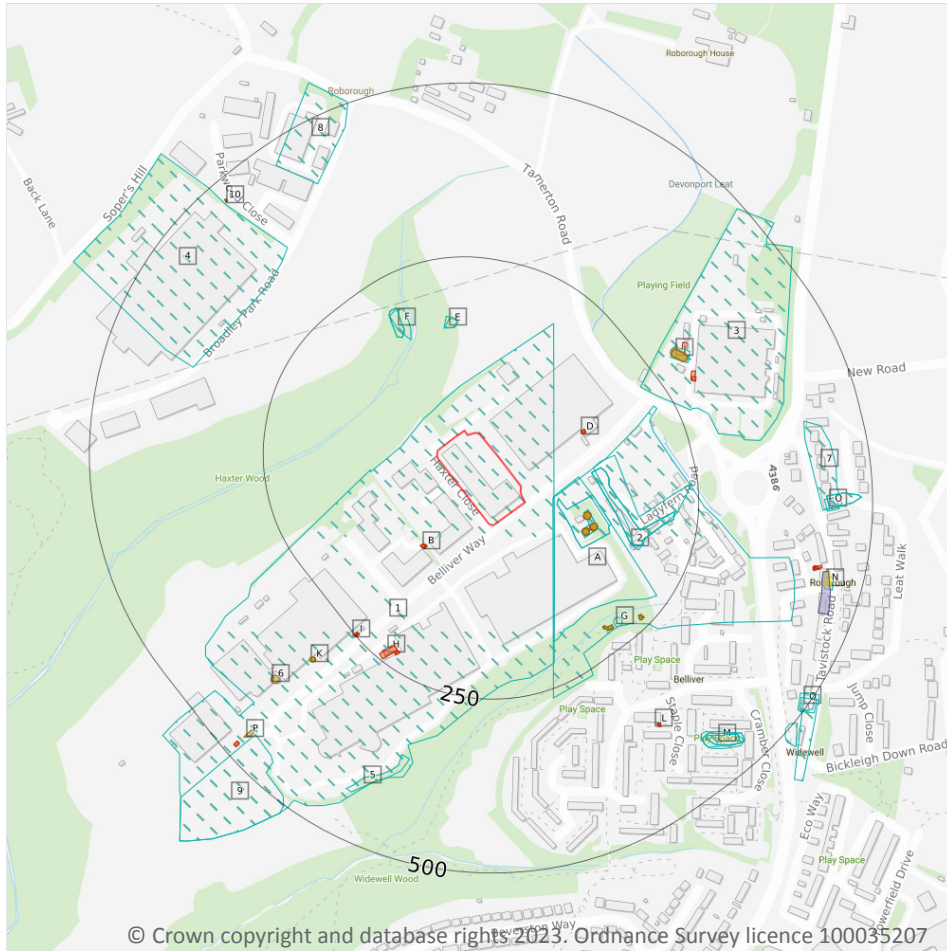
**0**

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

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



## 2 Past land use - un-grouped



### 2.1 Historical industrial land uses

**Records within 500m** **36**

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 20](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Industrial Estate	1987	387344
2	40m E	Sewage Works	1954	384639
A	42m E	Unspecified Commercial/Industrial	1995	395547

ID	Location	Land Use	Date	Group ID
A	46m E	Unspecified Ground Workings	1995	413649
A	46m E	Unspecified Ground Workings	1981	413649
A	86m E	Unspecified Tanks	1995	414958
A	86m E	Unspecified Tanks	1981	414958
C	103m E	Unspecified Ground Workings	1995	405460
C	103m E	Unspecified Ground Workings	1954	405460
C	103m E	Unspecified Ground Workings	1981	405460
C	108m E	Unspecified Heap	1907	391504
E	149m N	Unspecified Quarry	1884	415389
E	149m N	Unspecified Quarry	1954	417312
F	152m NW	Unspecified Quarry	1954	410633
F	161m NW	Unspecified Quarry	1987	421232
F	161m NW	Unspecified Quarry	1974	411183
G	211m SE	Unspecified Tank	1954	383522
3	223m NE	Unspecified Commercial/Industrial	1995	395545
J	283m NE	Unspecified Tanks	1995	392400
4	340m NW	Unspecified Commercial/Industrial	1987	395546
5	354m S	Unspecified Ground Workings	1987	398247
7	413m E	Police Station	1954	412802
8	413m NW	Unspecified Factory	1987	383932
M	419m SE	Unspecified Pit	1954	421200
M	423m SE	Unspecified Old Quarry	1907	394450
M	423m SE	Unspecified Pit	1884	422230
M	424m SE	Unspecified Quarry	1865	389142
O	431m E	Police Station	1865	414983
O	434m E	Police Station	1907	402103
O	434m E	Police Station	1884	414983
N	444m E	Smithy	1865	396838



ID	Location	Land Use	Date	Group ID
9	452m SW	Unspecified Heap	1987	391491
Q	482m SE	Smithy	1907	408621
Q	486m SE	Smithy	1884	426547
Q	486m SE	Smithy	1865	425867
Q	496m SE	Refuse Heap	1865	401249

This data is sourced from Ordnance Survey / Groundsure.

## 2.2 Historical tanks

<b>Records within 500m</b>	<b>30</b>
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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 20 >](#)

ID	Location	Land Use	Date	Group ID
A	86m E	Unspecified Tank	1982	50752
A	87m E	Unspecified Tank	1990	50752
A	87m E	Unspecified Tank	1992	50752
A	87m E	Unspecified Tank	1993	50866
A	87m E	Unspecified Tank	1992	50866
A	92m SE	Unspecified Tank	1993	49868
A	92m SE	Unspecified Tank	1992	49868
A	92m SE	Unspecified Tank	1990	49868
A	92m SE	Unspecified Tank	1992	49868
A	92m SE	Unspecified Tank	1982	49868
A	99m SE	Unspecified Tank	1990	49858
A	99m SE	Unspecified Tank	1992	49858
A	100m SE	Unspecified Tank	1982	49858
A	100m SE	Unspecified Tank	1993	49858
A	100m SE	Unspecified Tank	1992	49858



ID	Location	Land Use	Date	Group ID
G	210m SE	Tanks	1988	52000
G	211m SE	Tanks	1952	53812
G	211m SE	Tanks	1972	53812
G	211m SE	Tanks	1952	53812
G	215m SE	Tanks	1988	51575
G	230m SE	Unspecified Tank	1988	49322
G	231m SE	Unspecified Tank	1952	49322
G	231m SE	Unspecified Tank	1972	49322
G	231m SE	Unspecified Tank	1952	49322
J	286m NE	Tanks	1988	53458
J	286m NE	Tanks	1992	53458
K	315m SW	Unspecified Tank	1988	50893
K	317m SW	Unspecified Tank	1991	50893
6	374m SW	Unspecified Tank	1991	45881
P	452m SW	Unspecified Tank	1988	45880

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

**Records within 500m**

**36**

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

Features are displayed on the Past land use - un-grouped map on [page 20 >](#)

ID	Location	Land Use	Date	Group ID
B	89m SW	Electricity Substation	1982	26870
B	91m SW	Electricity Substation	1988	28912
B	91m SW	Electricity Substation	1988	28912
B	91m SW	Electricity Substation	1991	28912
D	116m NE	Electricity Substation	1990	27151



ID	Location	Land Use	Date	Group ID
D	116m NE	Electricity Substation	1992	27151
D	116m NE	Electricity Substation	1982	26626
D	116m NE	Electricity Substation	1993	26626
D	116m NE	Electricity Substation	1992	26626
H	220m SW	Electricity Substations	1991	26087
H	221m SW	Electricity Substations	1988	26087
H	224m SW	Electricity Substations	1982	24517
H	224m SW	Electricity Substation	1985	23941
I	245m SW	Electricity Substation	1982	29625
I	245m SW	Electricity Substation	1985	29625
I	245m SW	Electricity Substation	1988	29625
I	245m SW	Electricity Substation	1991	29625
I	246m SW	Electricity Substation	1988	29625
J	288m NE	Electricity Substation	1988	27425
J	289m NE	Electricity Substation	1992	27425
J	304m NE	Electricity Substation	1988	23975
L	369m SE	Electricity Substation	1990	26194
L	369m SE	Electricity Substation	1992	26194
L	369m SE	Electricity Substation	1982	26194
L	370m SE	Electricity Substation	1993	26194
L	370m SE	Electricity Substation	1992	26194
N	425m E	Electricity Substation	1990	24712
N	425m E	Electricity Substation	1992	26108
N	425m E	Electricity Substation	1993	29942
N	426m E	Electricity Substation	1982	25732
N	426m E	Electricity Substation	1992	25865
N	427m E	Electricity Substation	1988	25732
N	429m E	Electricity Substation	1972	28603





ID	Location	Land Use	Date	Group ID
10	469m NW	Electricity Substation	1991	23942
P	478m SW	Electricity Substation	1984	26877
P	478m SW	Electricity Substation	1992	26877

This data is sourced from Ordnance Survey / Groundsure.

## 2.4 Historical petrol stations

### Records within 500m

2

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

Features are displayed on the Past land use - un-grouped map on [page 20 >](#)

ID	Location	Land Use	Date	Group ID
N	439m E	Filling Station	1988	923
N	441m E	Filling Station	1972	923

This data is sourced from Ordnance Survey / Groundsure.

## 2.5 Historical garages

### Records within 500m

1

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

Features are displayed on the Past land use - un-grouped map on [page 20 >](#)

ID	Location	Land Use	Date	Group ID
N	440m E	Garage	1982	8095

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

1

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

Features are displayed on the Waste and landfill map on [page 26 >](#)

ID	Location	Address	Further Details	Date
1	38m NE	Site Address: 21-29,1 Belliver Way, Roborough, PLYMOUTH, Devon, PL6 7BP	Type of Site: Recycling Facility Planning application reference: 09/00454/FUL Description: Scheme comprises alterations to building to incorporate chimney to facilitate use as a timber recycling facility that creates renewable energy. An application (ref: 09/00454/FUL) for detailed planning permission was granted by Plymouth C.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	04/10/2009

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

### 3.6 Licensed waste sites

Records within 500m

4

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

Features are displayed on the Waste and landfill map on [page 26 >](#)



ID	Location	Details		
A	10m S	Site Name: Plymouth Ford Spares Site Address: 10, Haxter Close, Belliver Ind Est, Plymouth, Devon, PL6 7DD Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: COL156 EPR reference: EA/EPR/AB3905TP/A001 Operator: Collision Solutions ( South West ) Limited Waste Management licence No: 400951 Annual Tonnage: 4999	Issue Date: 29/11/2013 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	10m S	Site Name: Plymouth Ford Spares Site Address: Nicholas Doyle, 10, Haxter Close, Belliver Ind Est, Plymouth, Devon, PL6 7DD Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 638611 EPR reference: EA/EPR/EN3003TX Operator: Nicholas Doyle Waste Management licence No: 400951 Annual Tonnage: 4999	Issue Date: 29/11/2013 Effective Date: 29/11/2013 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 29/11/2013 Status: Issued
C	70m E	Site Name: Crumb Rubber Ltd Site Address: Unit 5, 1, Belliver Way, Roborough, Plymouth, Devon, PL6 7BP Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CRU010 EPR reference: EP3698LT/A001 Operator: Crumb Rubber Ltd Waste Management licence No: 101165 Annual Tonnage: 0	Issue Date: 15/02/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	70m E	Site Name: Crumb Rubber Ltd Site Address: Crumb Rubber Limited, 1 Unit 5, Belliver Way, Roborough, Plymouth, Devon, PL6 7BP Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 635653 EPR reference: EA/EPR/EP3698LT Operator: Crumb Rubber Limited Waste Management licence No: 101165 Annual Tonnage: 0	Issue Date: 15/02/2010 Effective Date: 15/02/2010 Modified: - Surrendered Date: 15/02/2010 Expiry Date: - Cancelled Date: 15/02/2010 Status: Surrendered

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



### 3.7 Waste exemptions

**Records within 500m**
**33**

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 26 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
B	70m SW	The Training & Technology Centre, 2 Haxter Close, Plymouth, PL6 7DD	EA/EPR/WP3043HD/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
B	70m SW	2 HAXTER CLOSE,PLYMOUTH PL6 7DD	EXP/WP3043HD	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	132m SW	Unit 3 Porsham Close Roborough Plymouth PL67DB	EPR/ZE5386AC/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
D	132m SW	Unit 3 Porsham Close Roborough Plymouth PL67DB	EPR/ZE5386AC/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
D	136m SW	Unit 3 Porsham Close Roborough Belliver Industrial Est Plymouth PL6 7DB	EA/EPR/VP3749RG/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE
D	138m SW	3 Porsham Close PLYMOUTH PL6 7DB	EPR/JE5653CR/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
D	138m SW	5, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX249747	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	138m SW	5, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX249747	Treating waste exemption	Not on a farm	Manual treatment of waste
D	138m SW	5, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX249747	Treating waste exemption	Not on a farm	Sorting mixed waste
D	138m SW	5, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX249747	Treating waste exemption	Not on a farm	Mechanical treatment of end-of-life tyres
D	138m SW	5, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX249747	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
D	139m SW	Unit 8 Belliver Industrial Estate, Porsham Close, Roborough, Plymouth, PL6 7DB	EA/EPR/VP385 6CZ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX226945	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX226945	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX226945	Treating waste exemption	Not on a farm	Recovery of scrap metal
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX226945	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX226945	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX080951	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX080951	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX080951	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX080951	Treating waste exemption	Not on a farm	Recovery of scrap metal
D	139m SW	8, PORSHAM CLOSE, ROBOROUGH, PLYMOUTH, PL6 7DB	WEX080951	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	141m SW	Belliver Industrial Estate, Unit 8 Porsham Close, Plymouth, PL6 7DB	EA/EPR/VP395 9DJ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	141m SW	COLLECTRICAL C I C,8 PORSHAM CLOSE,PLYMOUTH PL6 7DB	EXP/VP3959DJ	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE

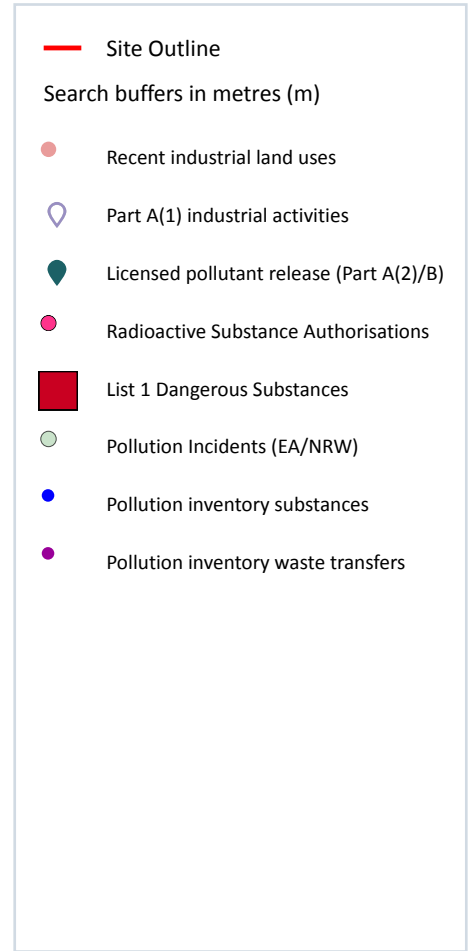
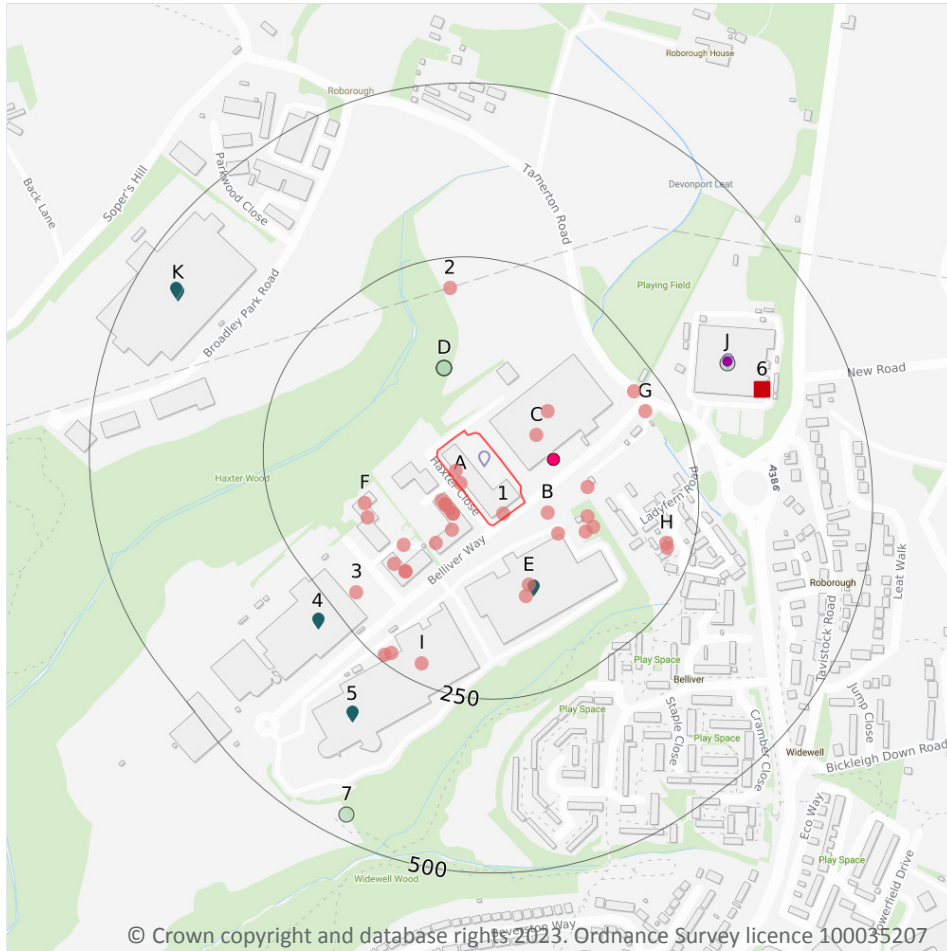


ID	Location	Site	Reference	Category	Sub-Category	Description
D	145m SW	13 Porsham Close PLYMOUTH PL6 7DB	EPR/NH0312A H/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in secure containers
D	145m SW	13 Porsham Close PLYMOUTH PL6 7DB	EPR/NH0312A H/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
D	145m SW	13 Porsham Close PLYMOUTH PL6 7DB	EPR/NH0312A H/A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
E	399m NW	8, BROADLEY COURT, PARKWOOD CLOSE, ROBOROUGH, PLYMOUTH, PL6 7SQ	WEX186552	Disposing of waste exemption	Not on a farm	Burning waste in the open
E	399m NW	8, BROADLEY COURT, PARKWOOD CLOSE, ROBOROUGH, PLYMOUTH, PL6 7SQ	WEX186552	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	399m NW	8, BROADLEY COURT, PARKWOOD CLOSE, ROBOROUGH, PLYMOUTH, PL6 7SQ	WEX315928	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	399m NW	8, BROADLEY COURT, PARKWOOD CLOSE, ROBOROUGH, PLYMOUTH, PL6 7SQ	WEX315928	Disposing of waste exemption	Not on a farm	Burning waste in the open
2	459m SE	FORGE HOUSE, 18, TAVISTOCK ROAD, ROBOROUGH, PLYMOUTH, PL6 7BB	WEX236788	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
3	498m SE	FORGE HOUSE, 18, TAVISTOCK ROAD, ROBOROUGH, PLYMOUTH, PL6 7BB	WEX362763	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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



## 4 Current industrial land use



### 4.1 Recent industrial land uses

**Records within 250m** **36**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 32 >](#)

ID	Location	Company	Address	Activity	Category
1	On site	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
A	On site	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
A	On site	Gas Governor	Devon, PL6	Gas Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
A	32m SW	Hadley Fencing Supplies Ltd	6, Haxter Close, Plymouth, Devon, PL6 7DD	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
A	32m SW	Luxus	5, Haxter Close, Plymouth, Devon, PL6 7DD	Candles	Consumer Products
A	32m SW	Bam Precision Engineering	5, Haxter Close, Plymouth, Devon, PL6 7DD	Precision Engineers	Engineering Services
A	32m SW	Greenfield Kitchens	7, Haxter Close, Plymouth, Devon, PL6 7DD	General Construction Supplies	Industrial Products
A	32m SW	Westcountry Motorcycles	Unit 7 Haxter Close, Roborough, Plymouth, Devon, PL6 7DD	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	33m SW	S C Conversions	8, Haxter Close, Plymouth, Devon, PL6 7DD	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	35m SE	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
A	48m SW	Luxus Home Fragrance	4, Haxter Close, Plymouth, Devon, PL6 7DD	Candles	Consumer Products
C	63m NE	Burts Potato Chips Ltd	Unit 1 Devon Enterprise Facility, Belliver Way, Plymouth, Devon, PL6 7BP	Catering and Non Specific Food Products	Foodstuffs
B	65m SE	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
A	77m SW	Waterjet Profiles Plymouth Ltd	1, Haxter Close, Plymouth, Devon, PL6 7DD	Cutting, Drilling and Welding Services	Construction Services
B	92m E	Tank	Devon, PL6	Tanks (Generic)	Industrial Features
B	92m E	Water Pumping Station	Devon, PL6	Water Pumping Stations	Industrial Features
C	97m NE	Dartmoor Bio Power - Advanced Conversion Technologies (BEIS)	1 Belliver Way, Plymouth, -, Devon, PL6	Energy Production	Industrial Features
B	97m SE	Tank	Devon, PL6	Tanks (Generic)	Industrial Features



ID	Location	Company	Address	Activity	Category
E	100m SE	B D Vacutainer Systems	-, Belliver Way, Roborough, Plymouth, Devon, PL6 7BP	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
B	105m SE	Tank	Devon, PL6	Tanks (Generic)	Industrial Features
E	112m S	Factory	Devon, PL6	Unspecified Works Or Factories	Industrial Features
A	115m SW	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
F	123m W	Rawlings Joinery	13, Porsham Close, Plymouth, Devon, PL6 7DB	General Construction Supplies	Industrial Products
F	132m W	British Filters Ltd	11-12, Porsham Close, Plymouth, Devon, PL6 7DB	Air and Water Filtration	Industrial Products
A	136m SW	Porsham M O T Centre	1, Porsham Close, Plymouth, Devon, PL6 7DB	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	136m SW	Coating Solutions Ltd	3, Porsham Close, Plymouth, Devon, PL6 7DB	Industrial Coatings and Finishings	Industrial Products
A	143m SW	McCarroll Frozen Food	5, Porsham Close, Plymouth, Devon, PL6 7DB	Catering and Non Specific Food Products	Foodstuffs
2	206m N	Pylon	Devon, PL6	Electrical Features	Infrastructure and Facilities
G	209m E	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
3	210m SW	Tank	Devon, PL6	Tanks (Generic)	Industrial Features
H	212m E	Pumping Station	Devon, PL6	Water Pumping Stations	Industrial Features
G	212m NE	Mast (Telecommunication)	Devon, PL6	Telecommunications Features	Infrastructure and Facilities
H	215m E	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities
I	222m S	Industrial Estate	Devon, PL6	Business Parks and Industrial Estates	Industrial Features
I	233m SW	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
I	241m SW	Electricity Sub Station	Devon, PL6	Electrical Features	Infrastructure and Facilities

*This data is sourced from Ordnance Survey.*

## 4.2 Current or recent petrol stations

**Records within 500m** **0**

Open, closed, under development and obsolete petrol stations.

*This data is sourced from Experian.*

## 4.3 Electricity cables

**Records within 500m** **0**

High voltage underground electricity transmission cables.

*This data is sourced from National Grid.*

## 4.4 Gas pipelines

**Records within 500m** **0**

High pressure underground gas transmission pipelines.

*This data is sourced from National Grid.*

## 4.5 Sites determined as Contaminated Land

**Records within 500m** **0**

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

*This data is sourced from Local Authority records.*

## 4.6 Control of Major Accident Hazards (COMAH)

**Records within 500m** **0**

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

*This data is sourced from the Health and Safety Executive.*



## 4.7 Regulated explosive sites

Records within 500m

0

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

*This data is sourced from the Health and Safety Executive.*

## 4.8 Hazardous substance storage/usage

Records within 500m

0

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

*This data is sourced from Local Authority records.*

## 4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

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

Records within 500m

27

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

Features are displayed on the Current industrial land use map on [page 32 >](#)

ID	Location	Details	
A	On site	<b>Operator: DARTMOOR BIO POWER LIMITED</b> <b>Installation Name: Plymouth Timber Resource Recovery Plant EPR/XP3134AW/T001</b> <b>Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.</b> <b>Permit Number: XP3134AW</b> <b>Original Permit Number: XP3134AW</b>	<b>EPR Reference: EPR/XP3134AW</b> <b>Issue Date: 07/05/2021</b> <b>Effective Date: 07/05/2021</b> <b>Last date noted as effective: 25/05/2023</b> <b>Status: Revoked</b>

ID	Location	Details	
A	On site	<b>Operator:</b> Mitie Infrastructure Limited <b>Installation Name:</b> Plymouth Timber Plant <b>EPR/CP3131FR</b> <b>Process:</b> THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. <b>Permit Number:</b> AP3533VY <b>Original Permit Number:</b> CP3131FR	<b>EPR Reference:</b> - <b>Issue Date:</b> 11/02/2014 <b>Effective Date:</b> 11/02/2014 <b>Last date noted as effective:</b> 21/03/2023 <b>Status:</b> Superseded
A	On site	<b>Operator:</b> Mitie Infrastructure Ltd <b>Installation Name:</b> Plymouth Timber Plant <b>EPR/CP3131FR</b> <b>Process:</b> INCINERATION OF NON HAZARDOUS WASTE >1T/HR <b>Permit Number:</b> CP3131FR <b>Original Permit Number:</b> CP3131FR	<b>EPR Reference:</b> - <b>Issue Date:</b> 27/07/2012 <b>Effective Date:</b> 27/07/2012 <b>Last date noted as effective:</b> 21/03/2023 <b>Status:</b> Superseded
A	On site	<b>Operator:</b> Dartmoor Bio Power Limited <b>Installation Name:</b> Plymouth Timber Resource Recovery Plant EPR/XP3134AW/T001 <b>Process:</b> THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. <b>Permit Number:</b> FP3739DP <b>Original Permit Number:</b> XP3134AW	<b>EPR Reference:</b> - <b>Issue Date:</b> 21/11/2016 <b>Effective Date:</b> 07/05/2021 <b>Last date noted as effective:</b> 21/03/2023 <b>Status:</b> Revoked
A	On site	<b>Operator:</b> MITIE INFRASTRUCTURE LIMITED <b>Installation Name:</b> Plymouth Timber Plant <b>EPR/CP3131FR</b> <b>Process:</b> COINCINERATION OF HAZARDOUS WASTE <b>Permit Number:</b> CP3131FR <b>Original Permit Number:</b> CP3131FR	<b>EPR Reference:</b> EPR/CP3131FR <b>Issue Date:</b> 11/02/2014 <b>Effective Date:</b> 11/02/2014 <b>Last date noted as effective:</b> 25/05/2023 <b>Status:</b> Superseded
J	346m NE	<b>Operator:</b> PLESSEY SEMICONDUCTORS LIMITED <b>Installation Name:</b> Plymouth Semiconductor Foundry <b>EPR/BX1586IH</b> <b>Process:</b> SOLVENT EMISSIONS DIRECTVE; ACTIVITIES EXCEEDING SOLVENT THRESHOLD <b>Permit Number:</b> BX1586IH <b>Original Permit Number:</b> BX1586IH	<b>EPR Reference:</b> EPR/BX1586IH <b>Issue Date:</b> 06/04/2020 <b>Effective Date:</b> 06/04/2020 <b>Last date noted as effective:</b> 25/05/2023 <b>Status:</b> Effective
J	346m NE	<b>Operator:</b> PLESSEY SEMICONDUCTORS LTD <b>Installation Name:</b> PLYMOUTH SEMICONDUCTOR FOUNDRY EPR/BX1586IH <b>Process:</b> DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT <b>Permit Number:</b> NP3933VA <b>Original Permit Number:</b> BX1586IH	<b>EPR Reference:</b> - <b>Issue Date:</b> 19/03/2014 <b>Effective Date:</b> 19/03/2014 <b>Last date noted as effective:</b> 28/09/2020 <b>Status:</b> SUPERCEDED



ID	Location	Details	
J	346m NE	Operator: PLESSEY SEMICONDUCTORS LTD Installation Name: PLYMOUTH SEMICONDUCTOR FOUNDRY EPR/BX1586IH Process: INORGANIC CHEMICALS; USING HYDROGEN FLUORIDE/CHLORIDE ETC IF RELEASE TO AIR (OTHER THAN CHEMICALS MANUFACTURE ETC) Permit Number: NP3933VA Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 19/03/2014 Effective Date: 19/03/2014 Last date noted as effective: 28/09/2020 Status: SUPERCEDED
J	346m NE	Operator: PLESSEY SEMICONDUCTORS LIMITED Installation Name: PLYMOUTH SEMICONDUCTOR FOUNDRY EPR/BX1586IH Process: ASSOCIATED PROCESS Permit Number: CP3403BJ Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 26/10/2020 Status: EFFECTIVE
J	346m NE	Operator: PLESSEY SEMICONDUCTORS LTD Installation Name: PLYMOUTH SEMICONDUCTOR FOUNDRY EPR/BX1586IH Process: SOLVENT EMISSIONS DIRECTVE; ACTIVITIES EXCEEDING SOLVENT THRESHOLD Permit Number: NP3933VA Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 19/03/2014 Effective Date: 19/03/2014 Last date noted as effective: 28/09/2020 Status: SUPERCEDED
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry Process: ASSOCIATED PROCESS Permit Number: BP3539TK Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 29/03/2010 Effective Date: 29/03/2010 Last date noted as effective: 21/03/2023 Status: Superceded
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: BP3539TK Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 29/03/2010 Effective Date: 29/03/2010 Last date noted as effective: 21/03/2023 Status: Superceded
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: ASSOCIATED PROCESS Permit Number: NP3933VA Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 19/03/2014 Effective Date: 19/03/2014 Last date noted as effective: 21/03/2023 Status: Superceded
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: INORGANIC CHEMICALS; USING HALOGENS ETC IF RELEASE TO AIR/WATER (UNLESS OTHERWISE PRESCRIBED) (UNLESS CHLORINATION OF WATER) Permit Number: NP3933VA Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 19/03/2014 Effective Date: 19/03/2014 Last date noted as effective: 21/03/2023 Status: Superceded



ID	Location	Details	
J	346m NE	Operator: X-Fab UK Ltd Installation Name: Plymouth Semiconductor Foundry Process: ASSOCIATED PROCESS Permit Number: BX1586IH Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 16/08/2005 Effective Date: 16/08/2005 Last date noted as effective: 21/03/2023 Status: Superseded
J	346m NE	Operator: X-Fab UK Ltd Installation Name: Plymouth Semiconductor Foundry Process: INORGANIC CHEMICALS; USING HYDROGEN FLUORIDE/CHLORIDE ETC IF RELEASE TO AIR (OTHER THAN CHEMICALS MANUFACTURE ETC) Permit Number: BX1586IH Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 16/08/2005 Effective Date: 16/08/2005 Last date noted as effective: 21/03/2023 Status: Superseded
J	346m NE	Operator: X-Fab UK Ltd Installation Name: Plymouth Semiconductor Foundry Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: BX1586IH Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 16/08/2005 Effective Date: 16/08/2005 Last date noted as effective: 21/03/2023 Status: Superseded
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry Process: SOLVENT EMISSIONS DIRECTVE; ACTIVITIES EXCEEDING SOLVENT THRESHOLD Permit Number: BP3539TK Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 29/03/2010 Effective Date: 29/03/2010 Last date noted as effective: 21/03/2023 Status: Superseded
J	346m NE	Operator: Plessey Semiconductors Limited Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: CP3403BJ Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 21/03/2023 Status: Effective
J	346m NE	Operator: Plessey Semiconductors Limited Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: FABRICATION OF MICROELECTRIC CIRCUITS ONTO SILICON WAFERS. Permit Number: CP3403BJ Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: NP3933VA Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 19/03/2014 Effective Date: 19/03/2014 Last date noted as effective: 21/03/2023 Status: Superseded
J	346m NE	Operator: Plessey Semiconductors Limited Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: INORGANIC CHEMICALS; USING HALOGENS ETC IF RELEASE TO AIR/WATER (UNLESS OTHERWISE PRESCRIBED) (UNLESS CHLORINATION OF WATER) Permit Number: CP3403BJ Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 21/03/2023 Status: Effective
J	346m NE	Operator: Plessey Semiconductors Limited Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: SOLVENT EMISSIONS DIRECTVE; ACTIVITIES EXCEEDING SOLVENT THRESHOLD Permit Number: CP3403BJ Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 21/03/2023 Status: Effective
J	346m NE	Operator: Plessey Semiconductors Ltd Installation Name: Plymouth Semiconductor Foundry Process: INORGANIC CHEMICALS; USING HYDROGEN FLUORIDE/CHLORIDE ETC IF RELEASE TO AIR (OTHER THAN CHEMICALS MANUFACTURE ETC) Permit Number: BP3539TK Original Permit Number: BX1586IH	EPR Reference: - Issue Date: 29/03/2010 Effective Date: 29/03/2010 Last date noted as effective: 21/03/2023 Status: Superseded
J	346m NE	Operator: PLESSEY SEMICONDUCTORS LIMITED Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: INORGANIC CHEMICALS; USING HALOGENS ETC IF RELEASE TO AIR/WATER (UNLESS OTHERWISE PRESCRIBED) (UNLESS CHLORINATION OF WATER) Permit Number: BX1586IH Original Permit Number: BX1586IH	EPR Reference: EPR/BX1586IH Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 25/05/2023 Status: Effective
J	346m NE	Operator: PLESSEY SEMICONDUCTORS LIMITED Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: FABRICATION OF MICROELECTRIC CIRCUITS ONTO SILICON WAFERS. Permit Number: BX1586IH Original Permit Number: BX1586IH	EPR Reference: EPR/BX1586IH Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 25/05/2023 Status: Effective





ID	Location	Details	
J	346m NE	Operator: PLESSEY SEMICONDUCTORS LIMITED Installation Name: Plymouth Semiconductor Foundry EPR/BX1586IH Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO- CHEMICAL TREATMENT Permit Number: BX1586IH Original Permit Number: BX1586IH	EPR Reference: EPR/BX1586IH Issue Date: 06/04/2020 Effective Date: 06/04/2020 Last date noted as effective: 25/05/2023 Status: Effective

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

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

<b>Records within 500m</b>	<b>5</b>
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Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 32 >](#)

ID	Location	Address	Details	
E	106m SE	Becton Dickinson, Belliver Way, Plymouth, Devon, PL6 7BP	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Issued Date of enforcement: No Enforcements Issued Comment: No Enforcements Issued
4	280m SW	Toshiba Air Conditioning Porsham Close, Roborough, Plymouth, Devon, PL6 7DB	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Issued Date of enforcement: No Enforcements Issued Comment: No Enforcements Issued
5	336m SW	Becton Dickinson Belliver Industrial Estate Plymouth, PL6 7BP	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Issued Date of enforcement: No Enforcements Issued Comment: No Enforcements Issued
K	437m NW	Rittal CSM Ltd, Broadley Park Road, Broadley Industrial Estate, Belliver, Roborough, Plymouth, PL6 7EZ	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Date of enforcement: No Enforcements Comment: No Enforcements
K	441m NW	Rittal CSM Ltd, Broadley Park Road, Broadley Ind. Est., Belliver, Roborough, Plymouth, PL6 7EZ	Process: Surface Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.



## 4.12 Radioactive Substance Authorisations

Records within 500m

4

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

Features are displayed on the Current industrial land use map on [page 32](#) >

ID	Location	Address	Details	
C	60m E	Becton Dickinson (uk) Ltd, Belliver Industrial Estate, Belliver Way, Plymouth, PL6 7BP	Operator: Becton Dickinson (uk) Ltd Type: - Permission number: AC3442 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Revoked/cancelled
C	60m E	Becton Dickinson (uk) Ltd, Becton Dickinson Vacutainer Systems /, Falcon Cell Science Products, Belliver Industrial Estate, Plymouth, PL6 7BP	Operator: Becton Dickinson (uk) Ltd Type: - Permission number: AI3704 Date of approval: 12/12/1991	Effective from: 12/12/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
C	60m E	Becton Dickinson (uk) Ltd, Becton Dickinson Vacutainer Systems /, Falcon Cell Science Products, Belliver Industrial Estate, Plymouth, PL6 7BP	Operator: Becton Dickinson (uk) Ltd Type: - Permission number: AI3704 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
C	60m E	Becton Dickinson (uk) Ltd, Becton Dickinson Vacutainer Systems /, Falcon Cell Science Products, Belliver Industrial Estate, Plymouth, PL6 7BP	Operator: Becton Dickinson (uk) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AI3704 Date of approval: 06/05/1993	Effective from: 06/06/1993 Last date of update: 01/01/2015 Status: Revoked/cancelled

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

## 4.13 Licensed Discharges to controlled waters

Records within 500m

0

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

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

## 4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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



#### 4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

#### 4.16 List 1 Dangerous Substances

Records within 500m

1

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.

Features are displayed on the Current industrial land use map on [page 32 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
6	373m E	X-fab Uk Ltd	Active	-	Mercury (other), Cadmium

*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

5

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 32 >](#)

ID	Location	Details	
D	94m N	Incident Date: 06/04/2003 Incident Identification: 149691 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Location	Details	
D	94m N	Incident Date: 06/04/2003 Incident Identification: 149691 Pollutant: Specific Waste Materials:Oils and Fuel Pollutant Description: Tyres:Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	94m N	Incident Date: 06/04/2003 Incident Identification: 149691 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
J	345m NE	Incident Date: 03/09/2003 Incident Identification: 187279 Pollutant: Inorganic Chemicals/Products Pollutant Description: Acids	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
7	464m S	Incident Date: 22/08/2016 Incident Identification: 1464514 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 1 (Major) 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

1

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.

Features are displayed on the Current industrial land use map on [page 32 >](#)

ID: J, Location: 347m NE, Permit: BX1586IH  
 Operator: Plessey Semiconductors Limited  
 Activity: INORGANIC CHEMICALS; USING HALOGENS ETC IF RELEASE TO AIR/WATER (UNLESS OTHERWISE PRESCRIBED) (UNLESS CHLORINATION OF WATER)  
 Address: Plymouth Semiconductor Foundry Tamerton Road Roborough Devon PL6 7BQ  
 Sector: Chemicals, Sub-sector: Chemicals  
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Mercury	0.1kg	Below Reporting Threshold
Wastewater	Phosphorus - as total P	5000kg	Below Reporting Threshold



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Total organic carbon (TOC)	50000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	Below Reporting Threshold
Air	Ammonia	1000kg	Below Reporting Threshold
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Arsenic	1kg	Below Reporting Threshold
Air	Cadmium	1kg	Below Reporting Threshold
Air	Chromium	10kg	Below Reporting Threshold
Air	Copper	10kg	Below Reporting Threshold
Air	Lead	100kg	Below Reporting Threshold
Wastewater	Arsenic	5kg	Below Reporting Threshold
Wastewater	Cadmium	1kg	Below Reporting Threshold
Wastewater	Chromium	20kg	Below Reporting Threshold
Wastewater	Copper	20kg	Below Reporting Threshold
Wastewater	Lead	20kg	Below Reporting Threshold
Air	Chlorine and inorganic chlorine compounds - as HCl	10000kg	Below Reporting Threshold
Air	Fluorine and inorganic fluorine compounds - as HF	1000kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold

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

## 4.20 Pollution inventory waste transfers

**Records within 500m**

**1**

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.

Features are displayed on the Current industrial land use map on [page 32 >](#)



ID: J, Location: 347m NE, Permit: BX1586IH  
 Operator: Plessey Semiconductors Limited  
 Activity: INORGANIC CHEMICALS; USING HALOGENS ETC IF RELEASE TO AIR/WATER (UNLESS OTHERWISE PRESCRIBED) (UNLESS CHLORINATION OF WATER)  
 Address: Plymouth Semiconductor Foundry Tamerton Road Roborough Devon PL6 7BQ  
 Sector: Chemicals, Sub-sector: Chemicals  
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	33.8	absolute value	16 01 17	ferrous metal	No
R1	Use principally as a fuel or other means to generate energy	44.8	absolute value	20 03 01	mixed municipal waste	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	9.14	absolute value	15 01 01	paper and cardboard packaging	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	76.4	absolute value	15 01 03	wooden packaging	No
D8	Biological treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbers D1 to D12	4.54	absolute value	20 03 99	municipal wastes not otherwise specified	No
R4	Recycling/reclamation of metals and metal compounds	1.64	absolute value	16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	No
R2	Solvent reclamation/regeneration	19.14	absolute value	14 06 03	other solvents and solvent mixtures	Yes

*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

0

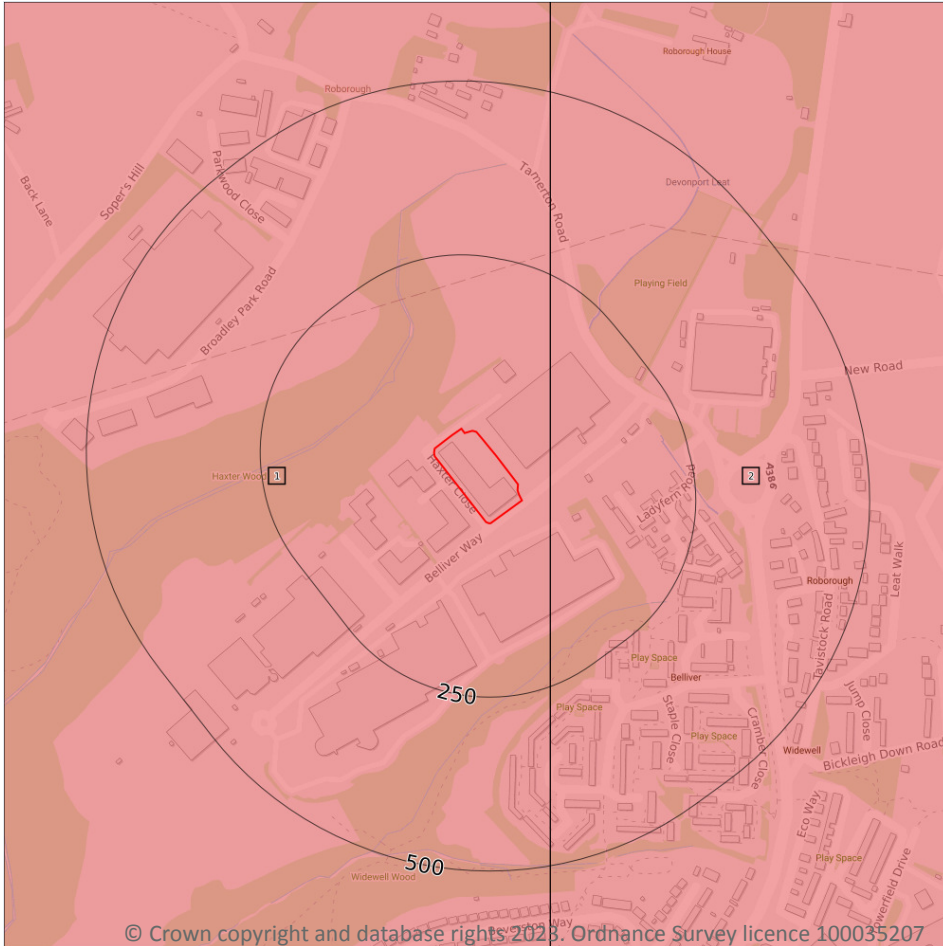
Aquifer status of groundwater held within superficial geology.

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





## Bedrock aquifer



**Site Outline**

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

### 5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

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

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	41m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



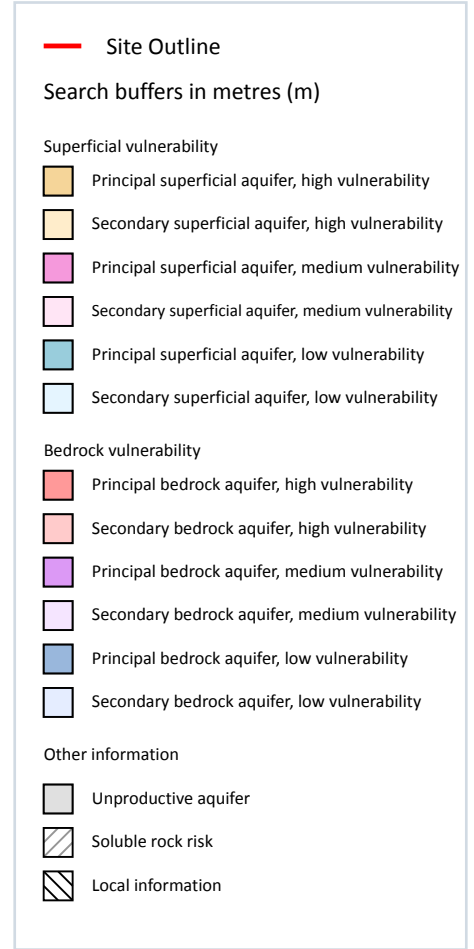
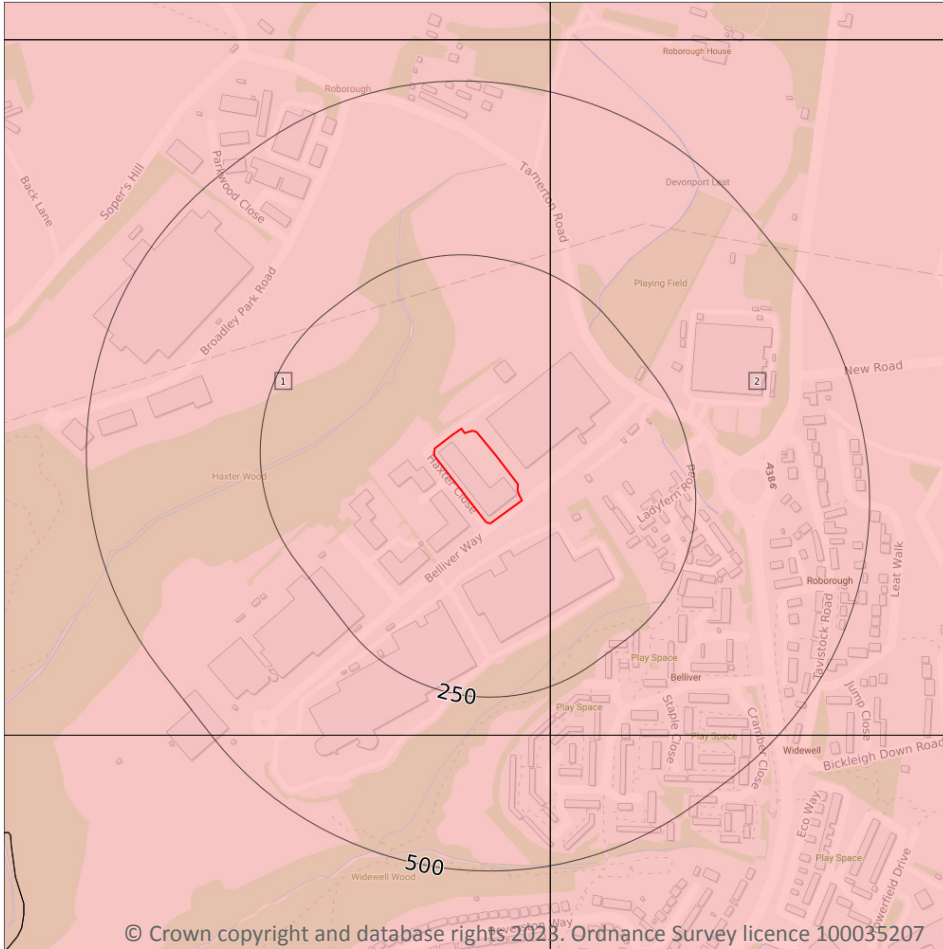
Contact us with any questions at:

[info@groundsure.com](mailto:info@groundsure.com) ↗

01273 257 755

Date: 7 September 2023

## Groundwater vulnerability



### 5.3 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 51 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	<b>Summary Classification:</b> Secondary bedrock aquifer - High Vulnerability <b>Combined classification:</b> Productive Bedrock Aquifer, No Superficial Aquifer	<b>Leaching class:</b> Intermediate <b>Infiltration value:</b> 40-70% <b>Dilution value:</b> >550mm/year	<b>Vulnerability:</b> - <b>Aquifer type:</b> - <b>Thickness:</b> <3m <b>Patchiness value:</b> <90% <b>Recharge potential:</b> No Data	<b>Vulnerability:</b> High <b>Aquifer type:</b> Secondary <b>Flow mechanism:</b> Well connected fractures
2	40m E	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% 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.*

## 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

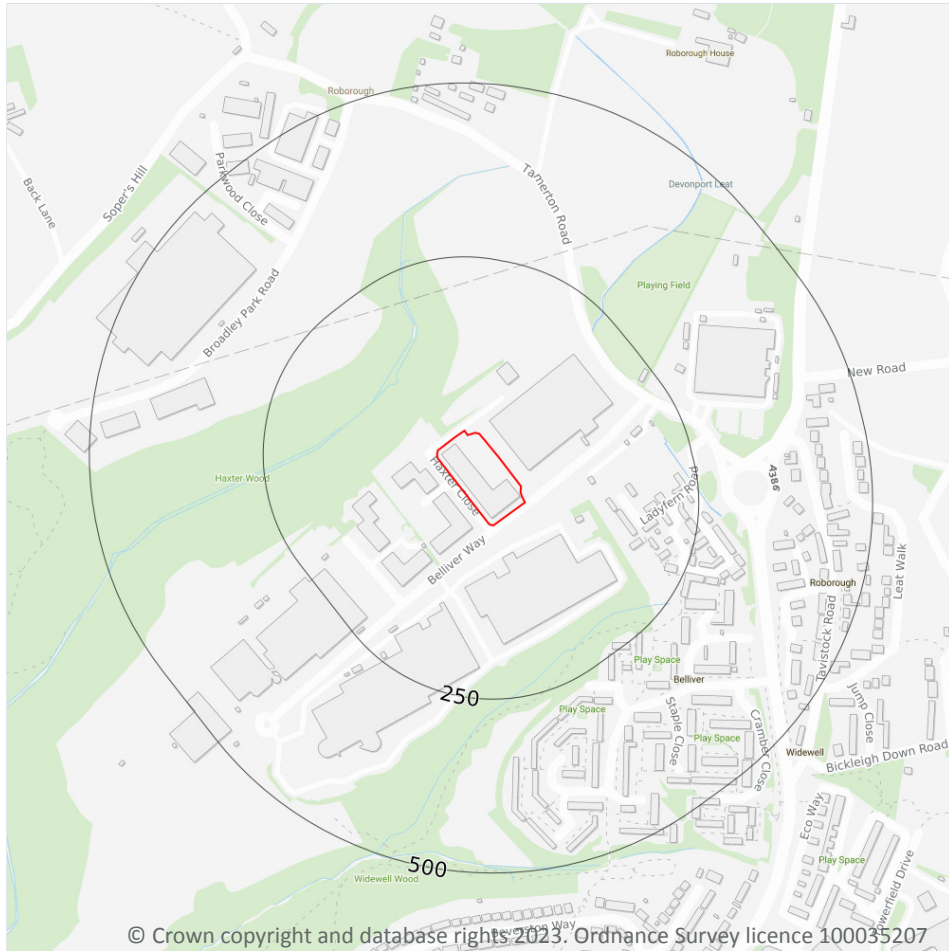
0

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](mailto: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

0

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

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

## 5.7 Surface water abstractions

### Records within 2000m

**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 53 >](#)

ID	Location	Details	
-	1745m W	Status: Historical Licence No: 15/47/003/S/001 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: "GREAT TREHILLS FARM,POND" Data Type: Point Name: S Luke & Sons Easting: 248100 Northing: 62200	Annual Volume (m <sup>3</sup> ): - Max Daily Volume (m <sup>3</sup> ): - Original Application No: - Original Start Date: 31/10/1966 Expiry Date: - Issue No: 100 Version Start Date: 05/09/1984 Version End Date: -
-	1745m W	Status: Historical Licence No: 15/47/003/S/001 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: GREAT TREHILLS FARM,POND Data Type: Point Name: S Luke & Sons Easting: 248100 Northing: 62200	Annual Volume (m <sup>3</sup> ): 1273 Max Daily Volume (m <sup>3</sup> ): 45.5 Original Application No: - Original Start Date: 31/10/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -

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

## 5.8 Potable abstractions

### Records within 2000m

**0**

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

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



## 5.9 Source Protection Zones

Records within 500m

0

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

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

## 5.10 Source Protection Zones (confined aquifer)

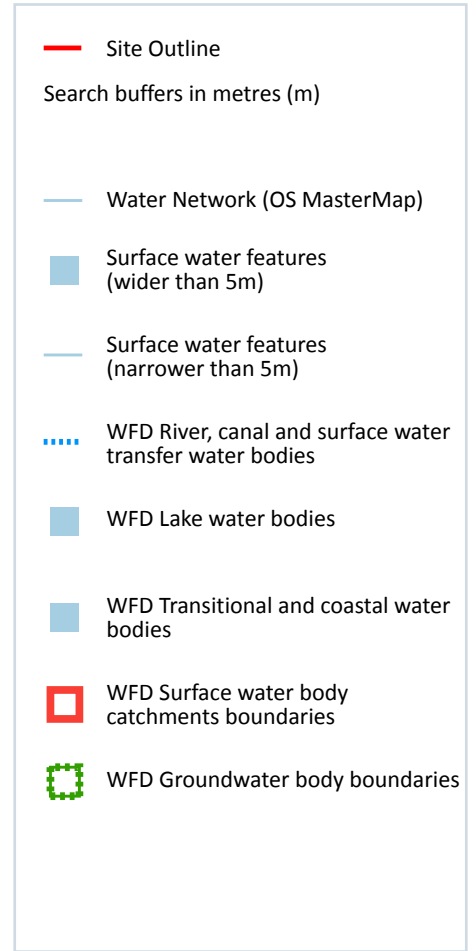
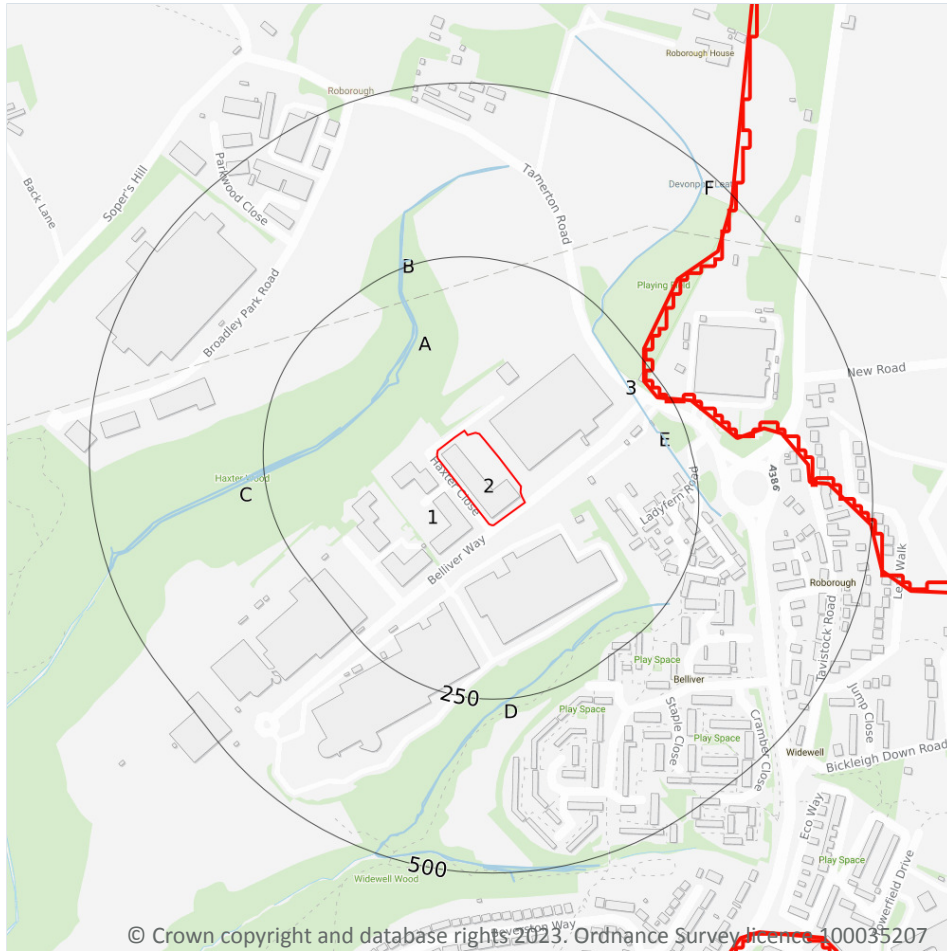
Records within 500m

0

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

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

## 6 Hydrology



### 6.1 Water Network (OS MasterMap)

Records within 250m

12

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 56 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
A	112m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
B	116m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	116m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	143m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	201m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
3	206m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Devonport Leat
E	209m E	Manmade watercourse for water transfer.	On ground surface	Watercourse contains water year round (in normal circumstances)	Devonport Leat
E	215m E	Manmade watercourse for water transfer.	Underground	Watercourse contains water year round (in normal circumstances)	Devonport Leat
E	217m E	Manmade watercourse for water transfer.	On ground surface	Watercourse contains water year round (in normal circumstances)	Devonport Leat
F	219m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Devonport Leat
E	239m E	Manmade watercourse for water transfer.	Underground	Watercourse contains water year round (in normal circumstances)	Devonport Leat
E	246m E	Manmade watercourse for water transfer.	On ground surface	Watercourse contains water year round (in normal circumstances)	Devonport Leat

*This data is sourced from the Ordnance Survey.*



## 6.2 Surface water features

**Records within 250m**

**8**

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 56 >](#)

*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 56 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal Catchment	Not part of a river WB catchment	73	Plym	Tamar

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

## 6.4 WFD Surface water bodies

**Records identified**

**0**

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.

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



## 6.5 WFD Groundwater bodies

<b>Records on site</b>	<b>1</b>
------------------------	----------

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 56 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Tamar	<a href="#">GB40802G806700 ↗</a>	Poor	Poor	Good	2019

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

## 7 River and coastal flooding

### 7.1 Risk of flooding from rivers and the sea

Records within 50m

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.*

### 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

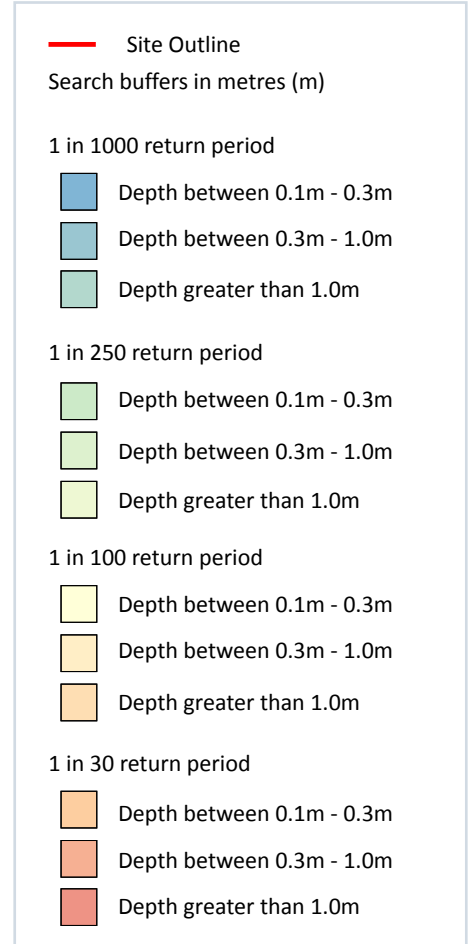
0

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, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 63](#) >

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.

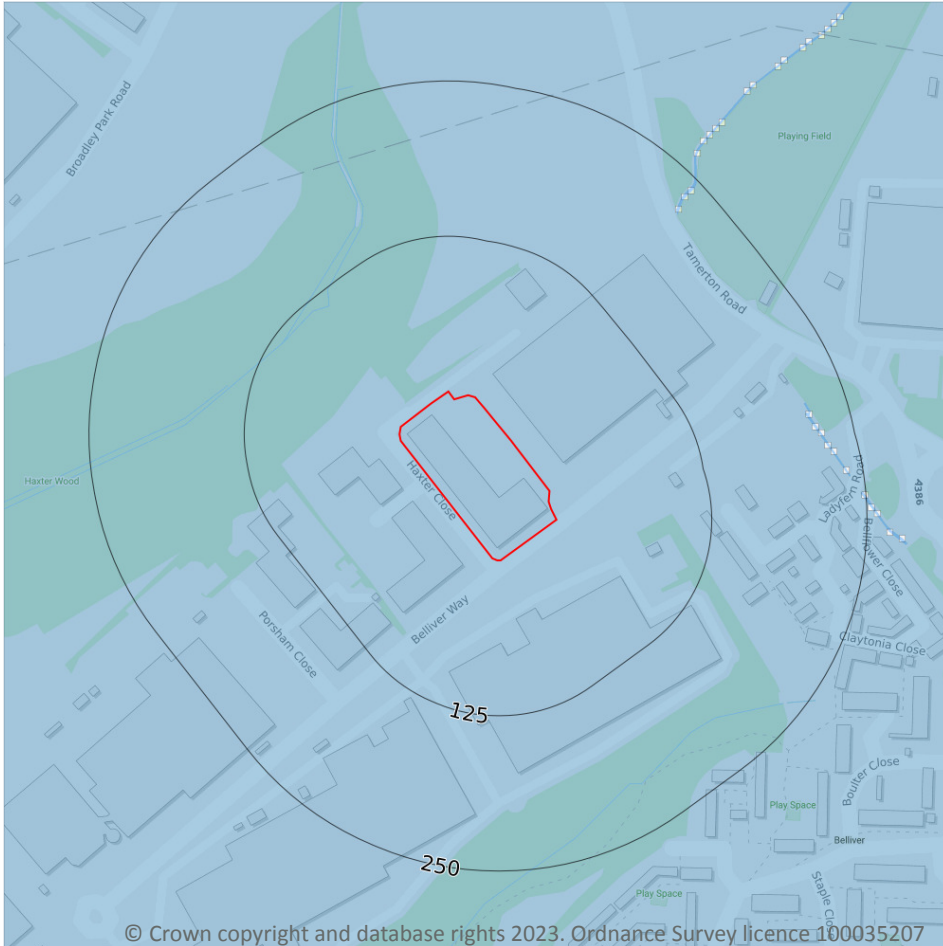
Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

*This data is sourced from Ambiental Risk Analytics.*





## 9 Groundwater flooding



### 9.1 Groundwater flooding

**Highest risk on site**

**Negligible**

**Highest risk within 50m**

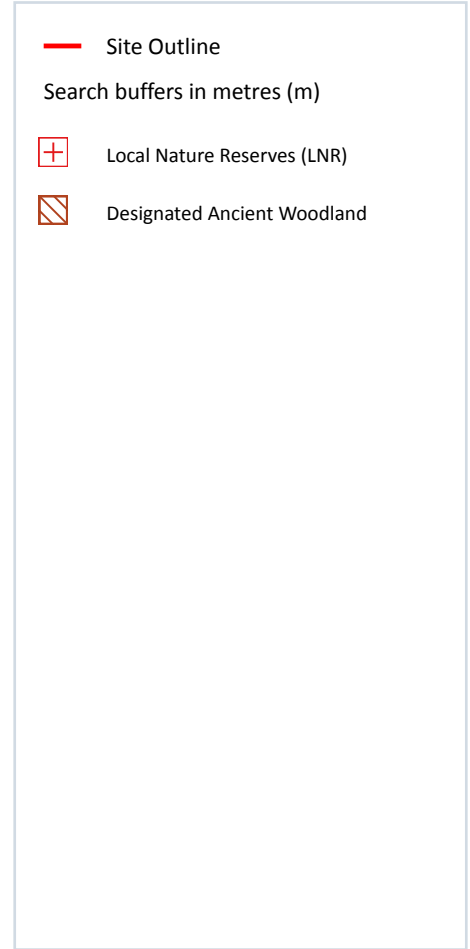
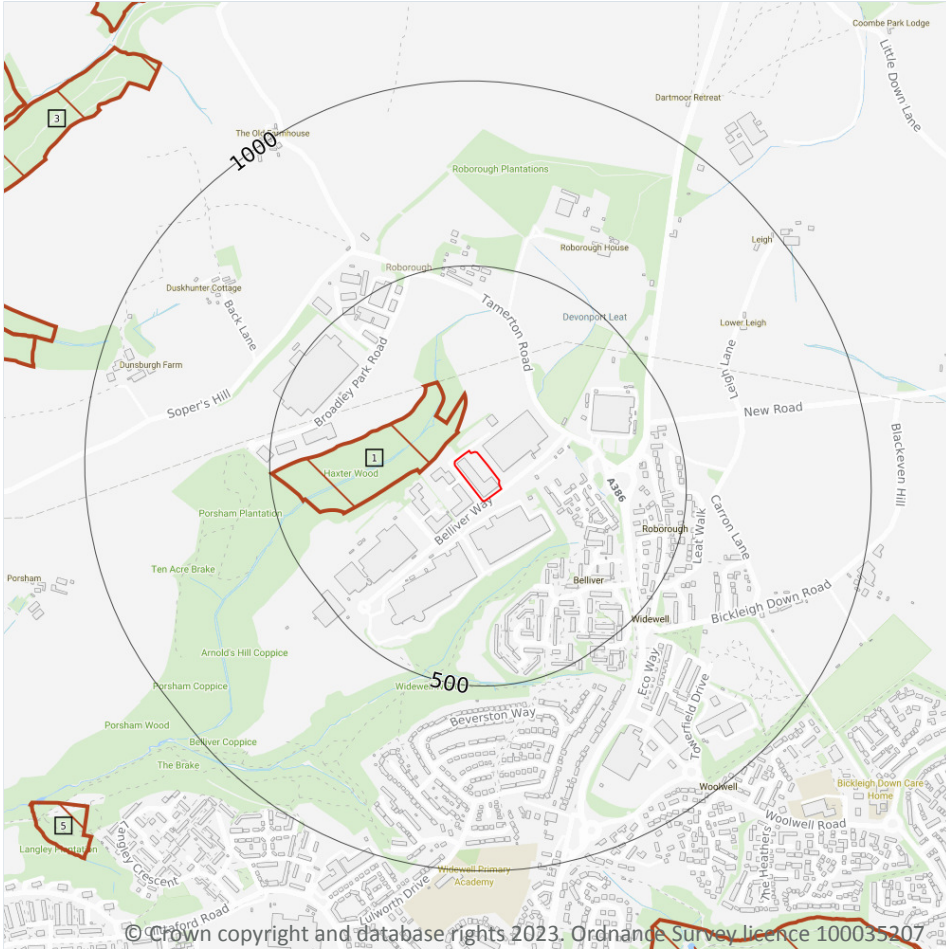
**Negligible**

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 65 >](#)

*This data is sourced from Ambiental Risk Analytics.*

## 10 Environmental designations



### 10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

## 10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

## 10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

## 10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

## 10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



## 10.6 Local Nature Reserves (LNR)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 66 >](#)

ID	Location	Name	Data source
-	1342m S	Southway Valley	Natural England

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

## 10.7 Designated Ancient Woodland

Records within 2000m

15

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 66 >](#)

ID	Location	Name	Woodland Type
1	48m NW	Unknown	Ancient & Semi-Natural Woodland
A	1137m W	Unknown	Ancient Replanted Woodland
A	1168m W	Unknown	Ancient & Semi-Natural Woodland
2	1227m S	Hatshill/holt Woods	Ancient Replanted Woodland
3	1303m NW	Ashleigh Blaxton Coppice	Ancient Replanted Woodland
5	1350m SW	Unknown	Ancient Replanted Woodland
-	1373m SE	Hatshill/holt Woods	Ancient & Semi-Natural Woodland
7	1486m NW	Unknown	Ancient Replanted Woodland
8	1511m NW	Ashleigh Blaxton Coppice	Ancient & Semi-Natural Woodland
-	1546m SE	Hatshill/holt Woods	Ancient & Semi-Natural Woodland
-	1572m W	Unknown	Ancient & Semi-Natural Woodland
-	1638m SE	Hatshill/holt Woods	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
-	1665m NE	Hele Wood	Ancient Replanted Woodland
-	1898m SE	Hatshill/holt Woods	Ancient & Semi-Natural Woodland
-	1906m NE	Hele Wood	Ancient Replanted Woodland

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

## 10.8 Biosphere Reserves

**Records within 2000m**

**0**

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

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

## 10.9 Forest Parks

**Records within 2000m**

**0**

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

*This data is sourced from the Forestry Commission.*

## 10.10 Marine Conservation Zones

**Records within 2000m**

**0**

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

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

## 10.11 Green Belt

**Records within 2000m**

**0**

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

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



## 10.12 Proposed Ramsar sites

Records within 2000m

0

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

*This data is sourced from Natural England.*

## 10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

## 10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

*This data is sourced from Natural England.*

## 10.15 Nitrate Sensitive Areas

Records within 2000m

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

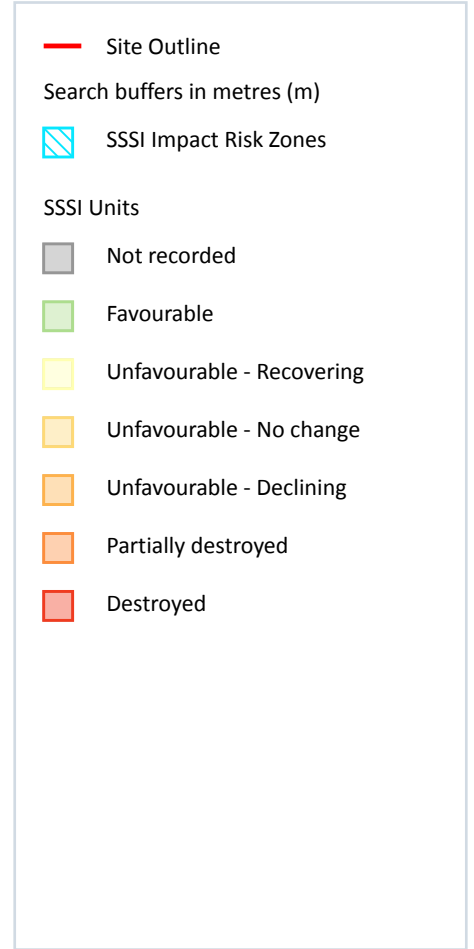
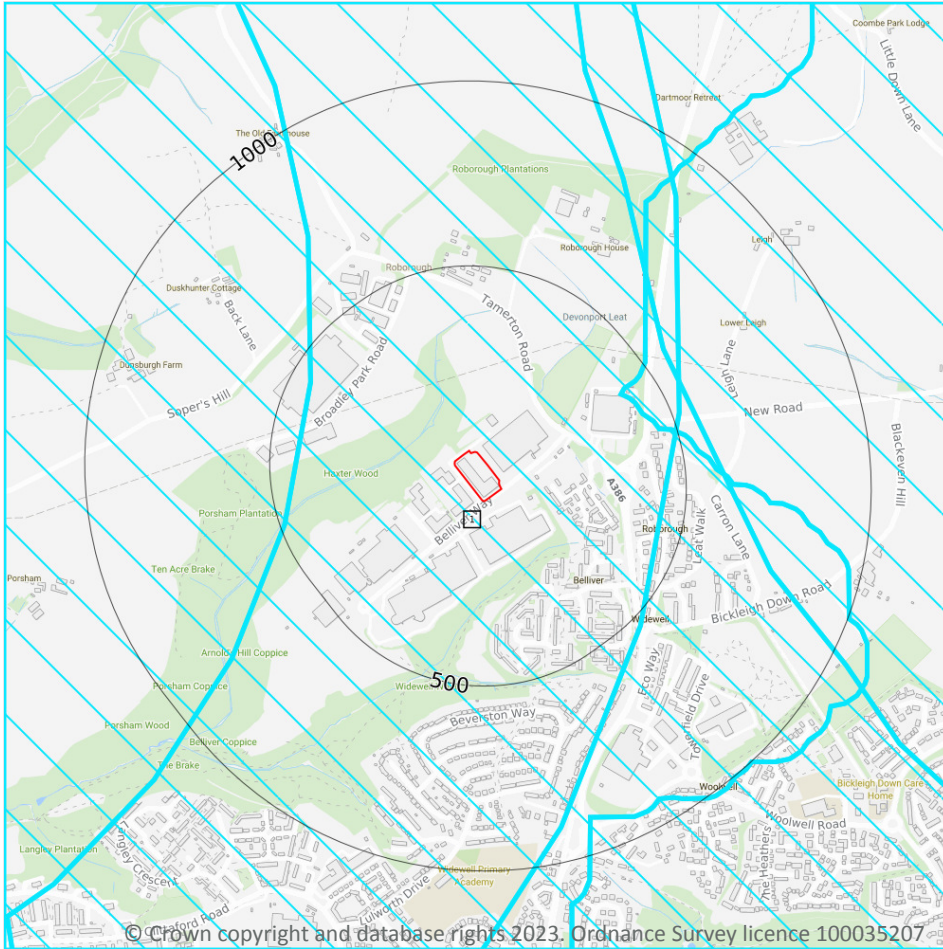
0

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



### 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 72 >](#)



ID	Location	Type of developments requiring consultation
1	On site	<p><b>Infrastructure - Airports, helipads and other aviation proposals.</b></p> <p><b>Wind and Solar - Wind turbines.</b></p> <p><b>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &amp; digestate stores &gt; 750m<sup>2</sup>, manure stores &gt; 3500t)</b></p> <p><b>Combustion - General combustion processes &gt;50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</b></p> <p><b>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</b></p> <p><b>Discharges - Any discharge of water or liquid waste of more than 5m<sup>3</sup>/day to ground (ie to seep away) or to surface water, such as a beck or stream.</b></p> <p><b>Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.</b></p>

*This data is sourced from Natural England.*

## 10.18 SSSI Units

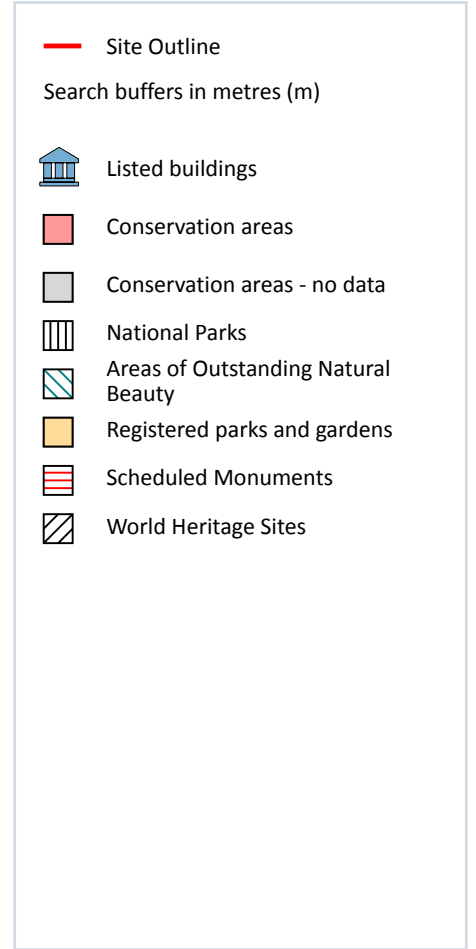
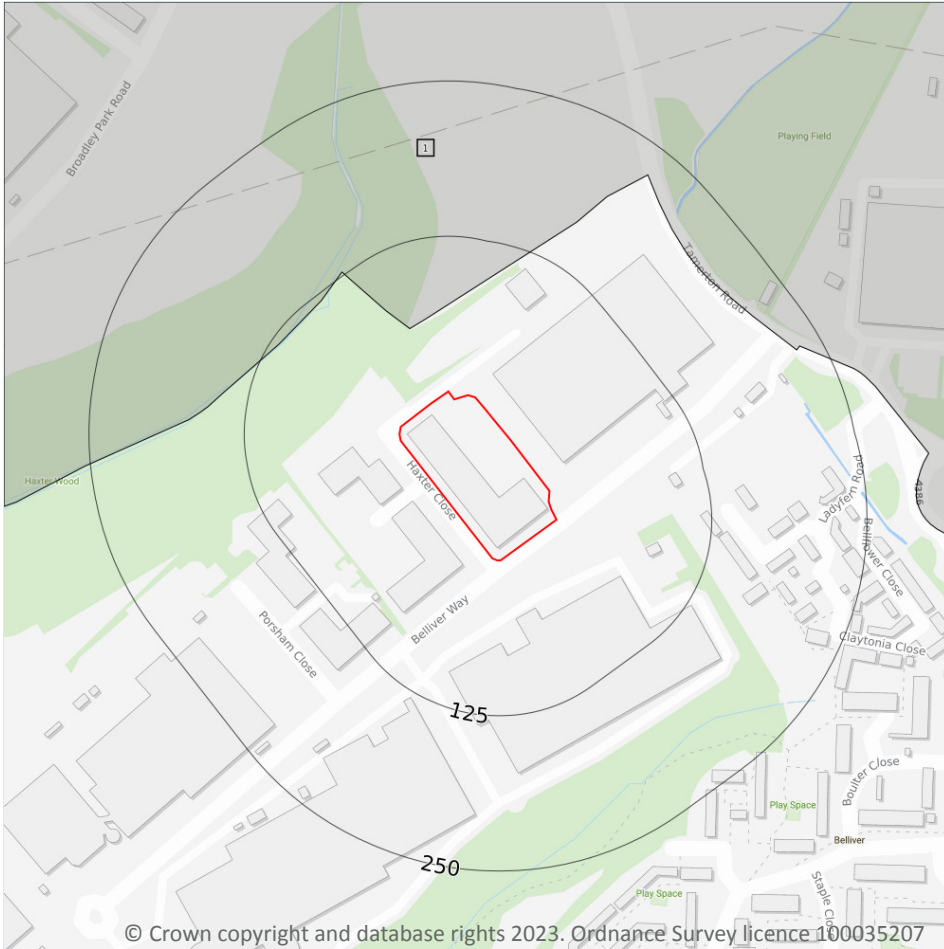
<b>Records within 2000m</b>	<b>0</b>
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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



## 11 Visual and cultural designations



### 11.1 World Heritage Sites

Records within 250m

0

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

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

## 11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

## 11.3 National Parks

Records within 250m

0

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

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

## 11.4 Listed Buildings

Records within 250m

0

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

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

## 11.5 Conservation Areas

Records within 250m

1

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



Features are displayed on the Visual and cultural designations map on [page 74 >](#)

ID	Location	Name	District	Date of designation
1	59m NW	The Local Authority for this area have not supplied conservation area data.	-	-

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

## 11.6 Scheduled Ancient Monuments

**Records within 250m**

**0**

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

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

## 11.7 Registered Parks and Gardens

**Records within 250m**

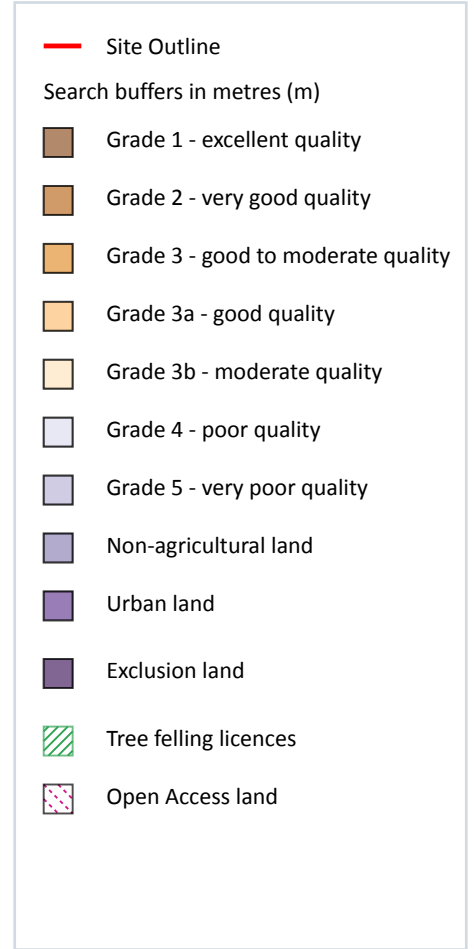
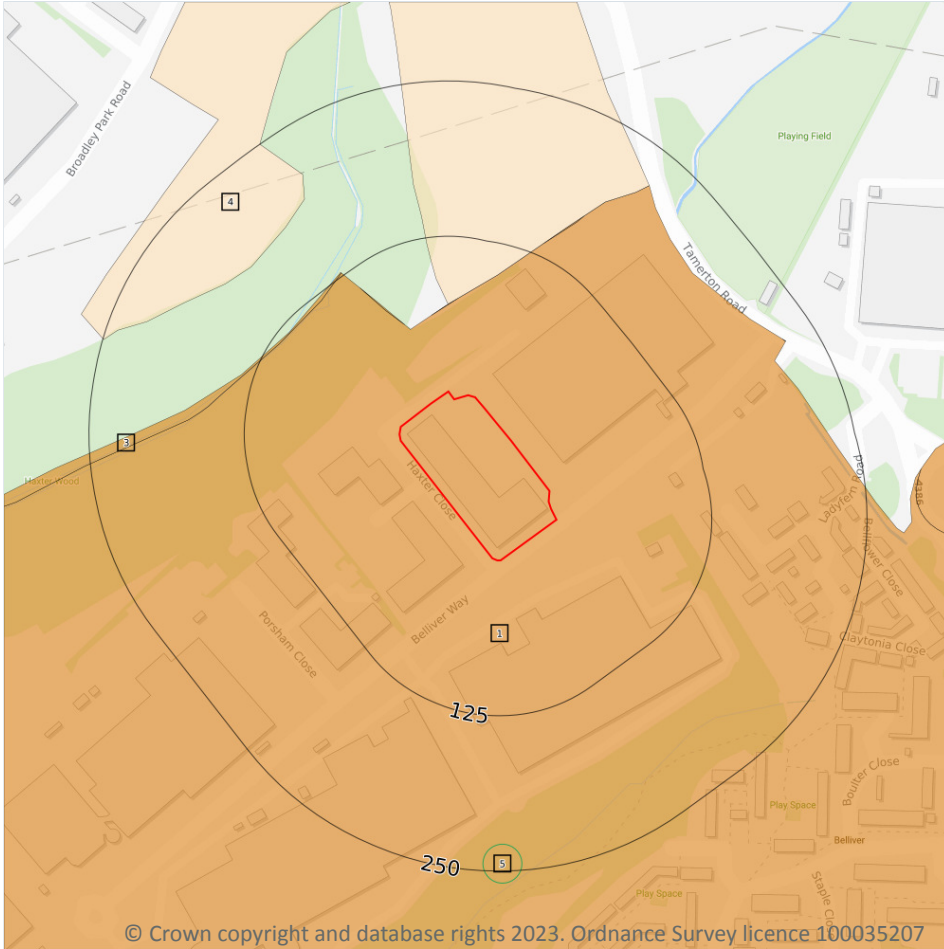
**0**

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

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



## 12 Agricultural designations



### 12.1 Agricultural Land Classification

Records within 250m

3

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 77](#) >

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
3	63m N	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.
4	70m N	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.

*This data is sourced from Natural England.*

## 12.2 Open Access Land

**Records within 250m**

**0**

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

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

## 12.3 Tree Felling Licences

**Records within 250m**

**1**

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.

Features are displayed on the Agricultural designations map on [page 77 >](#)

ID	Location	Description	Reference	Application date
5	228m S	Selective Fell/Thin (Unconditional)	018/502/14-15	30/03/2015

*This data is sourced from the Forestry Commission.*

## 12.4 Environmental Stewardship Schemes

**Records within 250m**

**1**

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
116m NW	AG00688697	Entry Level plus Higher Level Stewardship	01/06/2012	31/05/2023

*This data is sourced from Natural England.*

## 12.5 Countryside Stewardship Schemes

**Records within 250m**

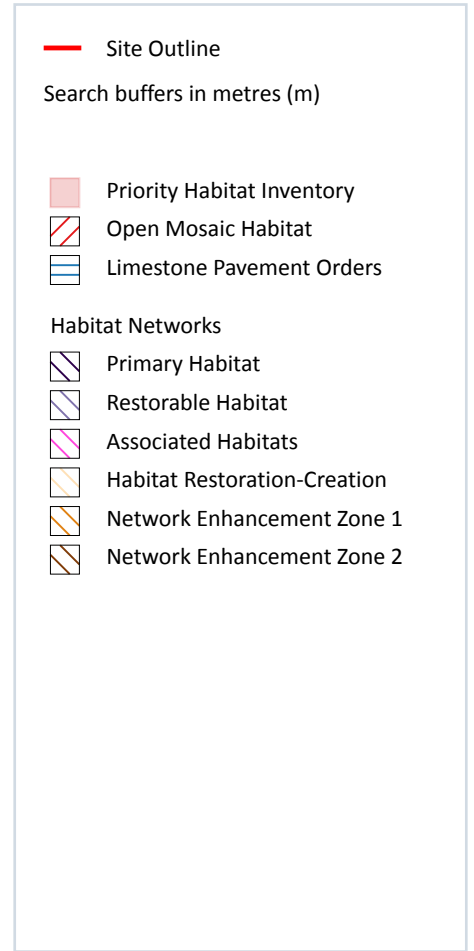
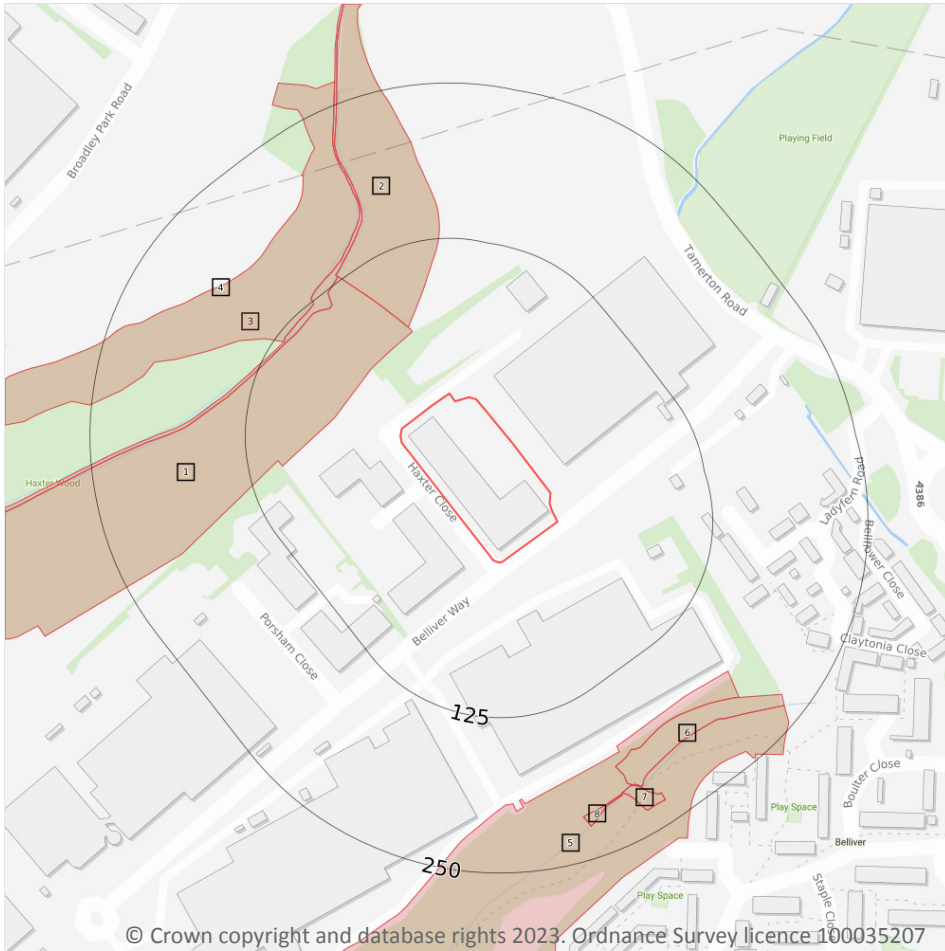
**0**

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

8

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 80](#) >

ID	Location	Main Habitat	Other habitats
1	49m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	63m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	112m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	118m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	174m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	182m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	208m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	210m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

*This data is sourced from Natural England.*

## 13.2 Habitat Networks

**Records within 250m**

**0**

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

*This data is sourced from Natural England.*

## 13.3 Open Mosaic Habitat

**Records within 250m**

**0**

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

*This data is sourced from Natural England.*

## 13.4 Limestone Pavement Orders

**Records within 250m**

**0**

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

*This data is sourced from Natural England.*



## 14 Geology 1:10,000 scale - Availability



— Site Outline  
 Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

### 14.1 10k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 82](#) >

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

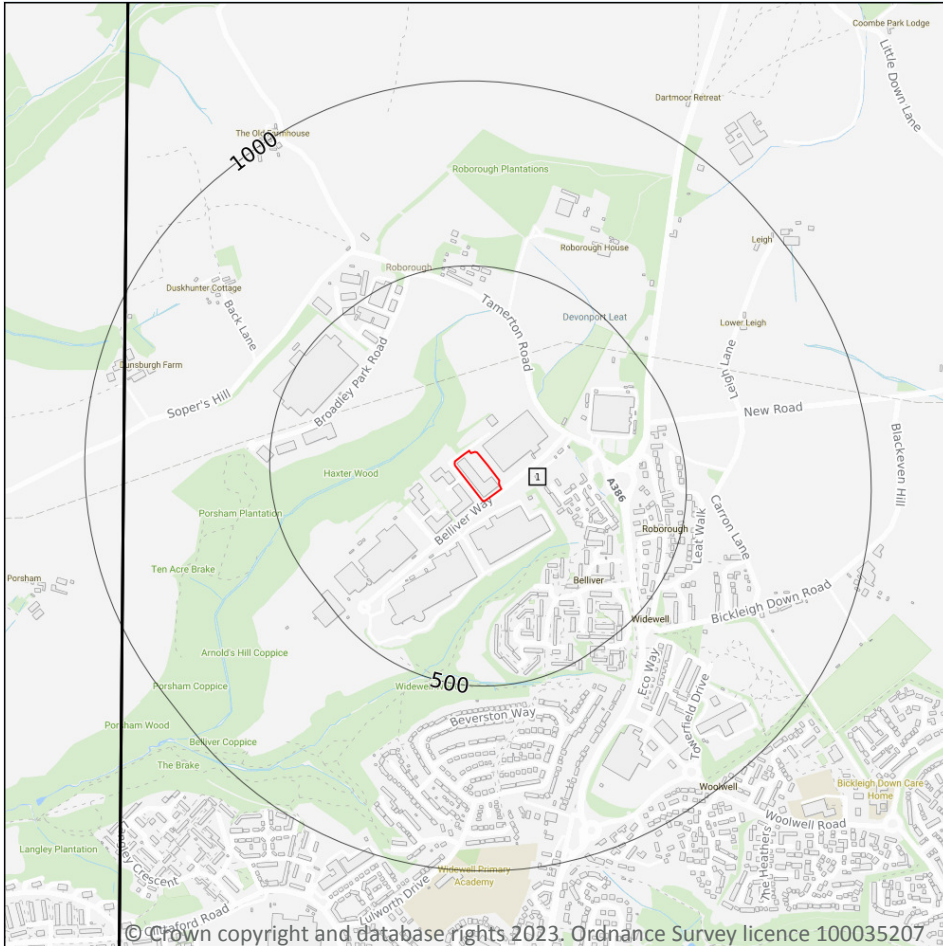
0

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 86](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW349_ivybridge_v4

This data is sourced from the British Geological Survey.



Contact us with any questions at:

[info@groundsure.com](mailto:info@groundsure.com) ↗

01273 257 755

Date: 7 September 2023

## 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

### 15.4 Superficial geology (50k)

Records within 500m

0

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.

*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.

### 15.8 Bedrock geology (50k)

Records within 500m

2

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 89 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	UDVS-SLTE	UPPER DEVONIAN SLATES - SLATE	-
2	379m SE	UDP-FELS	UNNAMED DYKE, PERMIAN - FELSITE	-

*This data is sourced from the British Geological Survey.*



## 15.9 Bedrock permeability (50k)

Records within 50m

2

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

Location	Flow type	Maximum permeability	Minimum permeability
<b>On site</b>	<b>Fracture</b>	<b>Low</b>	<b>Low</b>
41m E	Fracture	Low	Low

*This data is sourced from the British Geological Survey.*

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

Records within 500m

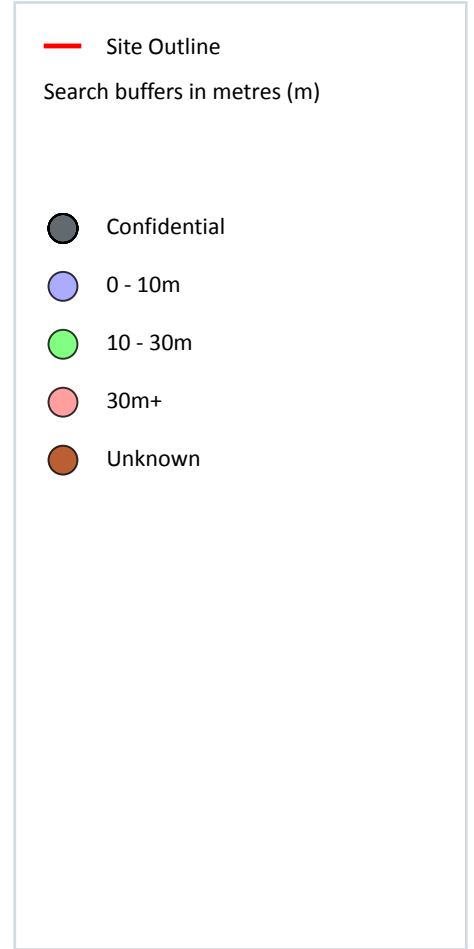
0

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



### 16.1 BGS Boreholes

Records within 250m

1

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.

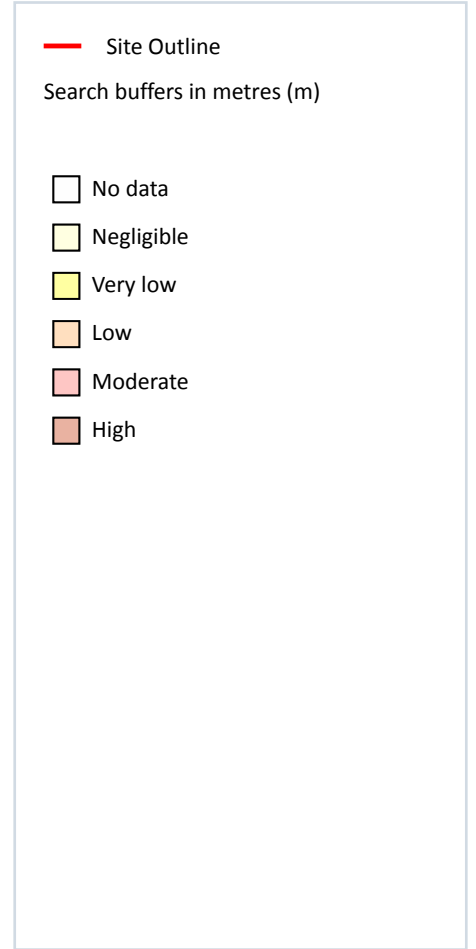
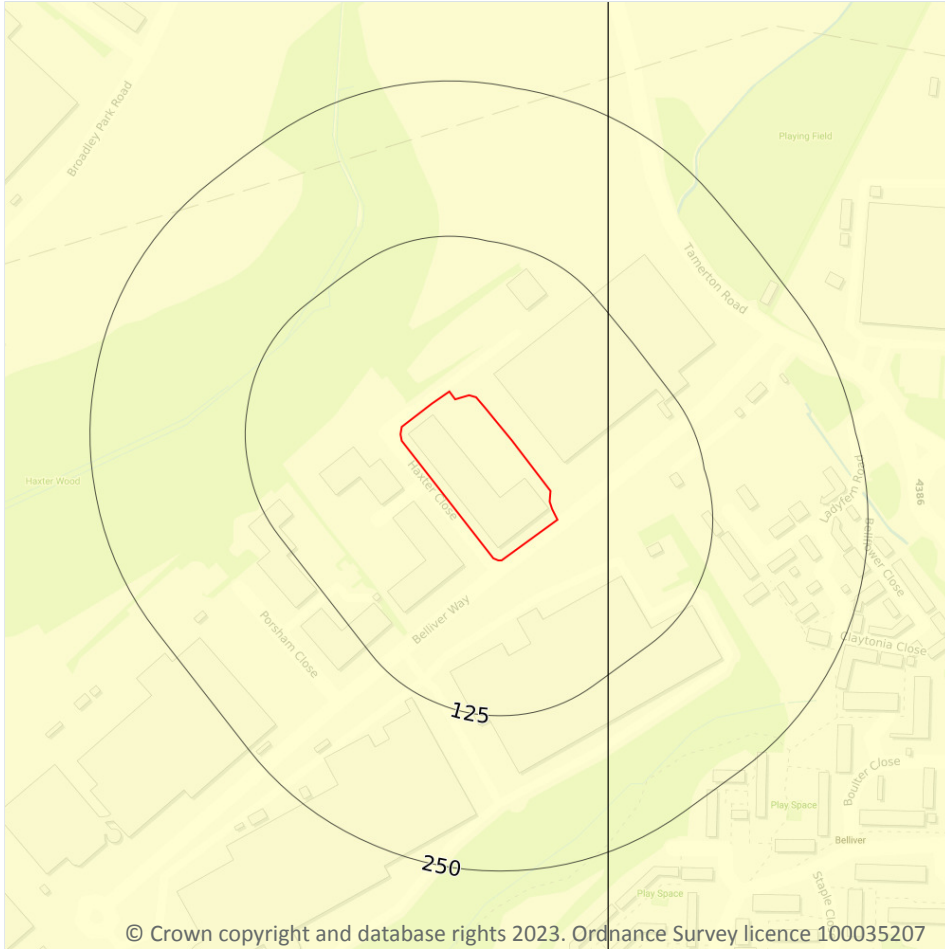
Features are displayed on the Boreholes map on [page 91](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	60m NE	249960 62450	UNIT 5 BELLIVER WAY ROBOROUGH	61.0	N	<a href="#">18897913</a> ↗

This data is sourced from the British Geological Survey.



## 17 Natural ground subsidence - Shrink swell clays



### 17.1 Shrink swell clays

Records within 50m

2

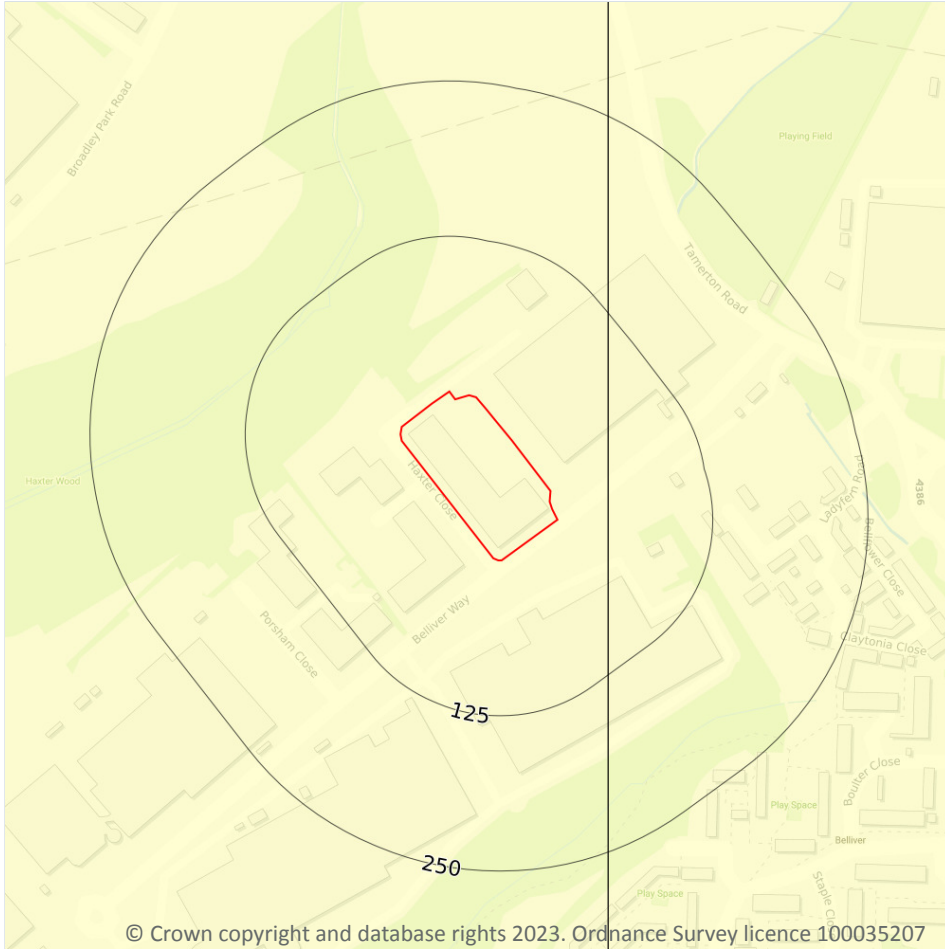
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

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

Location	Hazard rating	Details
<b>On site</b>	<b>Negligible</b>	<b>Ground conditions predominantly non-plastic.</b>
41m E	Negligible	Ground conditions predominantly non-plastic.

*This data is sourced from the British Geological Survey.*

## Natural ground subsidence - Running sands



— Site Outline  
Search buffers in metres (m)

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

### 17.2 Running sands

Records within 50m

2

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

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

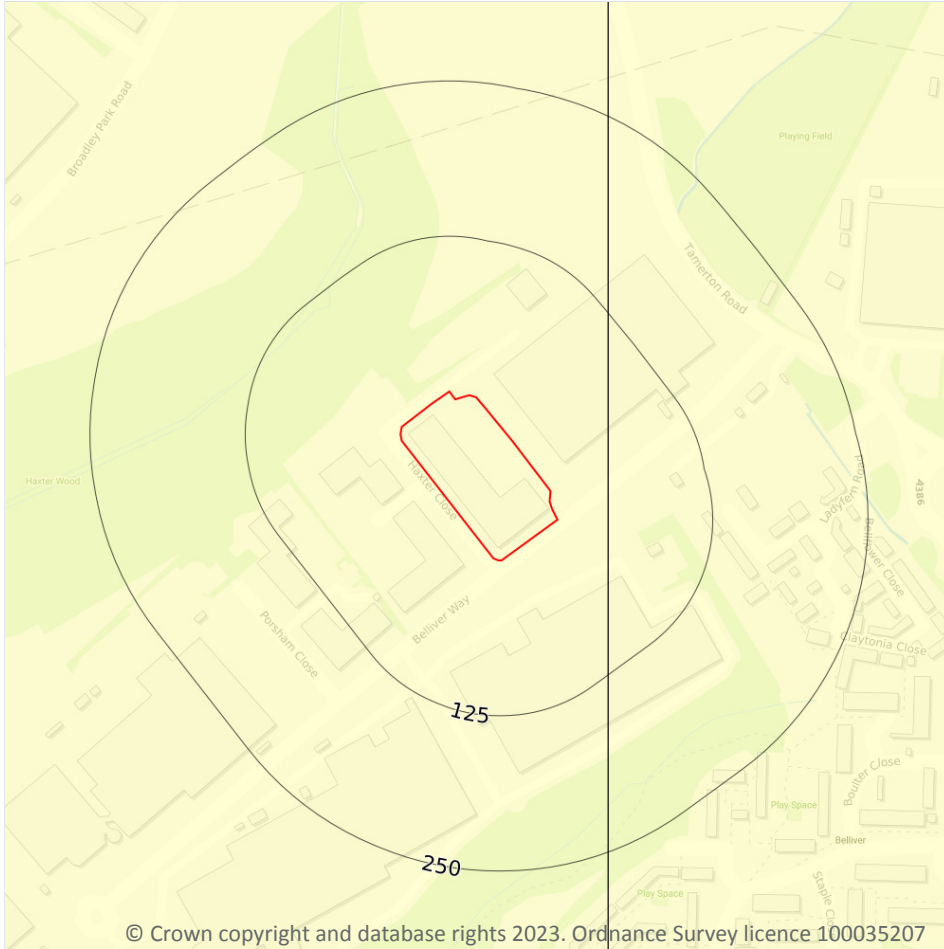
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
41m E	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

*This data is sourced from the British Geological Survey.*



## Natural ground subsidence - Compressible deposits



### 17.3 Compressible deposits

Records within 50m

2

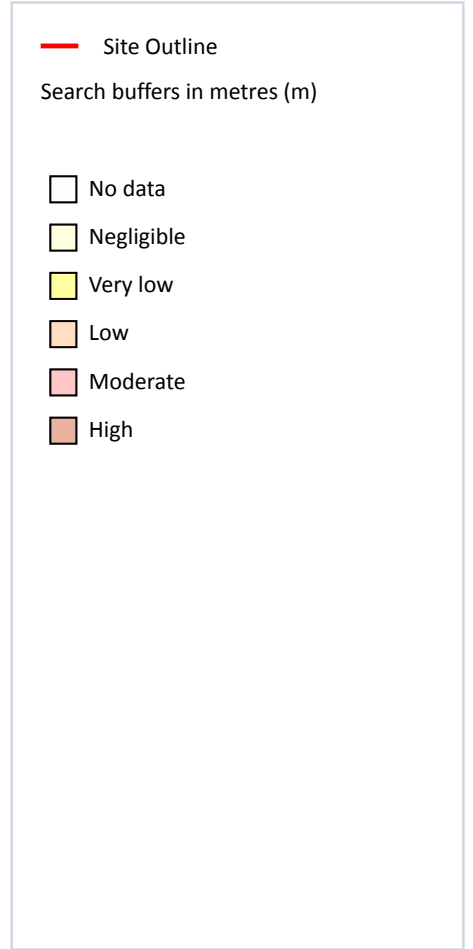
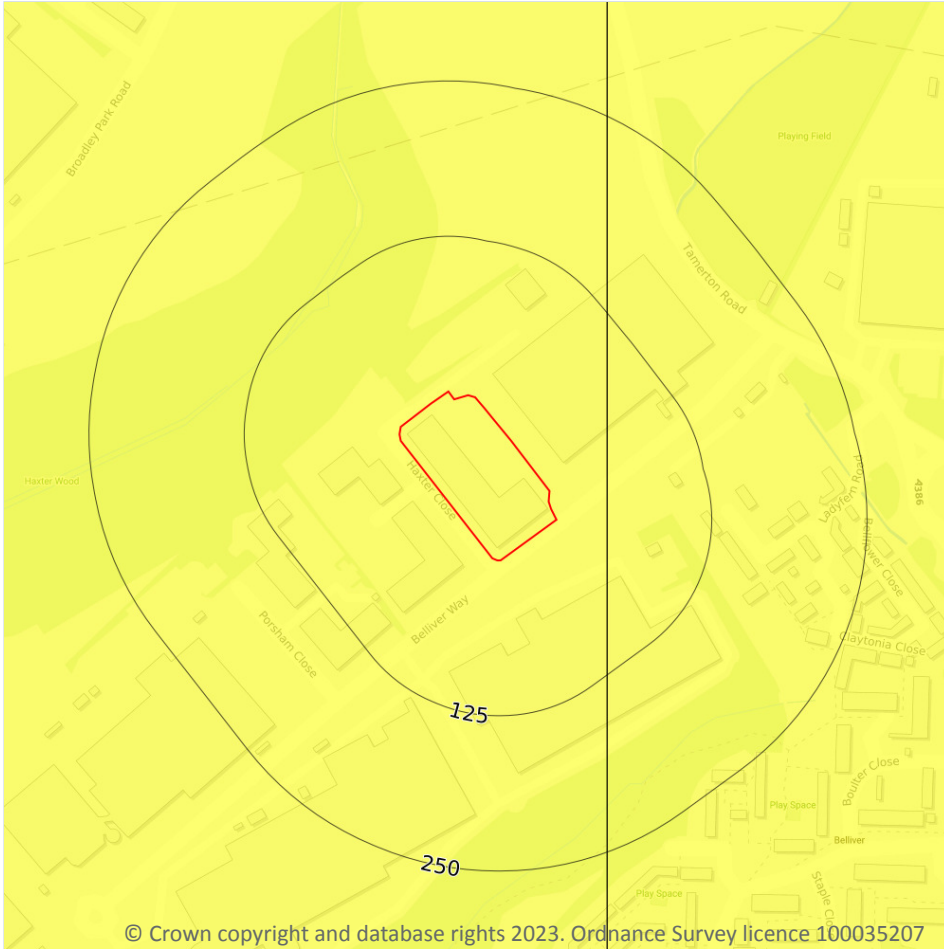
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 95 >](#)

Location	Hazard rating	Details
<b>On site</b>	<b>Negligible</b>	<b>Compressible strata are not thought to occur.</b>
41m E	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

2

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

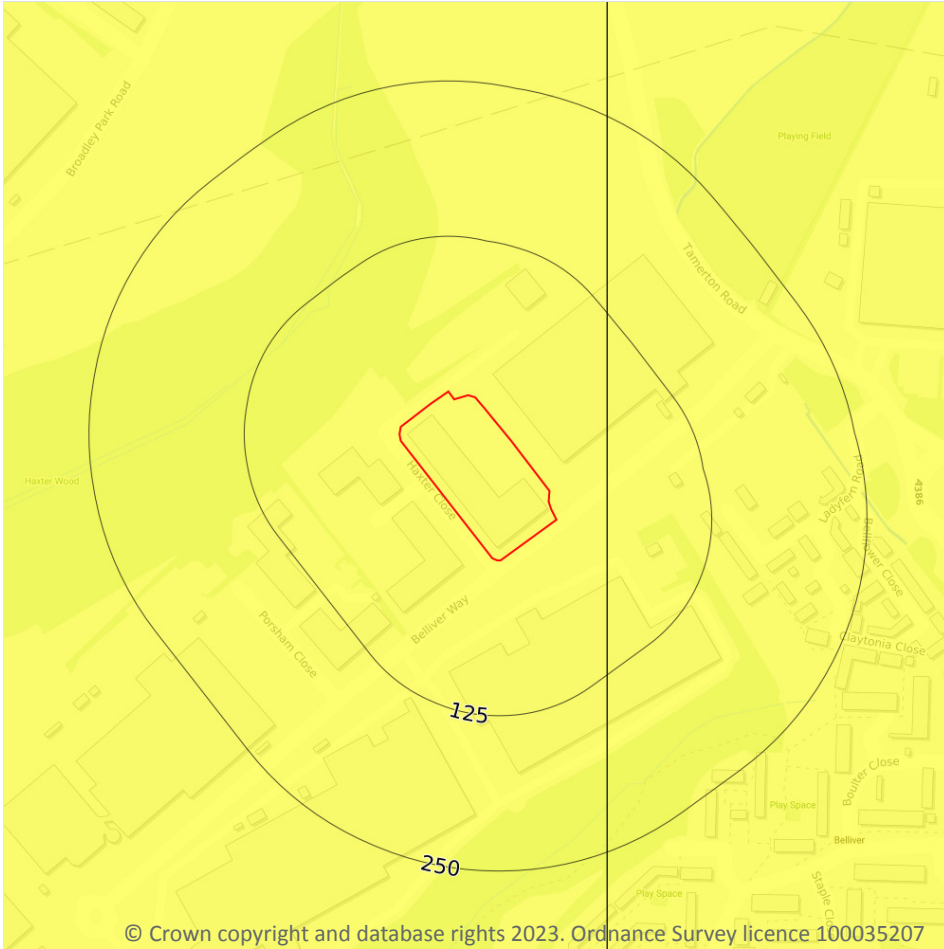
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 96 >](#)

Location	Hazard rating	Details
<b>On site</b>	<b>Very low</b>	<b>Deposits with potential to collapse when loaded and saturated are unlikely to be present.</b>
41m E	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

2

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 97 >](#)

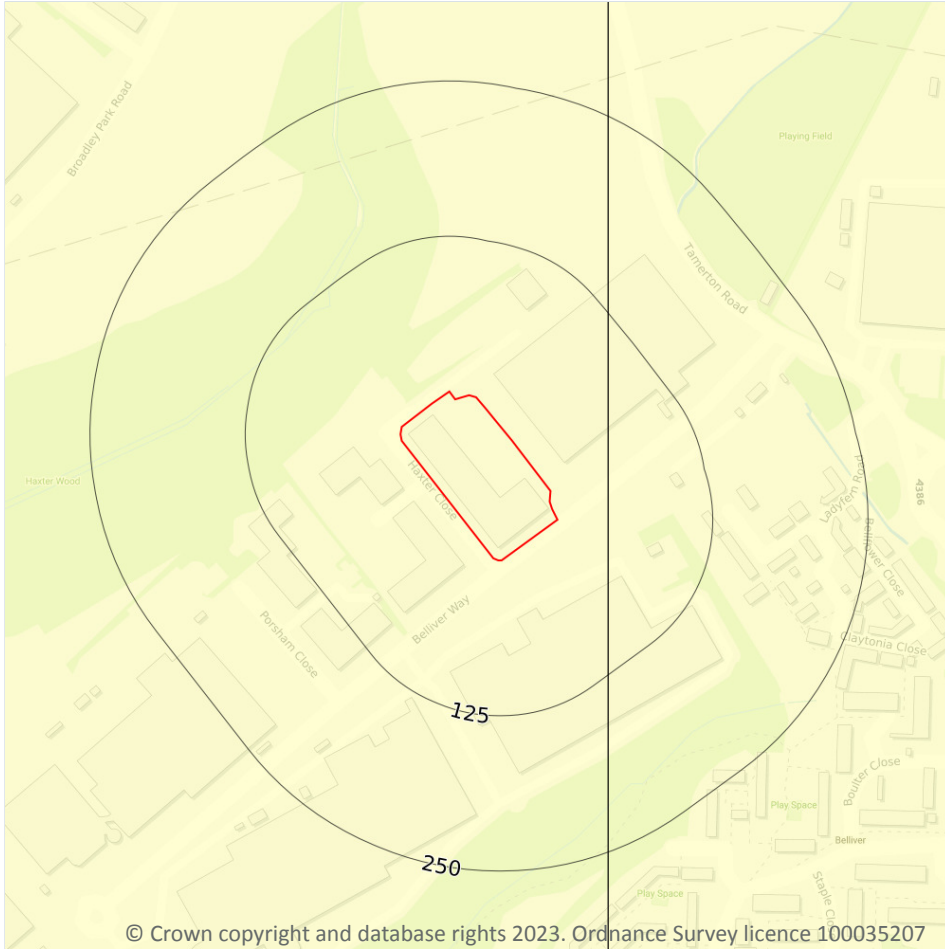
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
41m E	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

2

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 99](#)

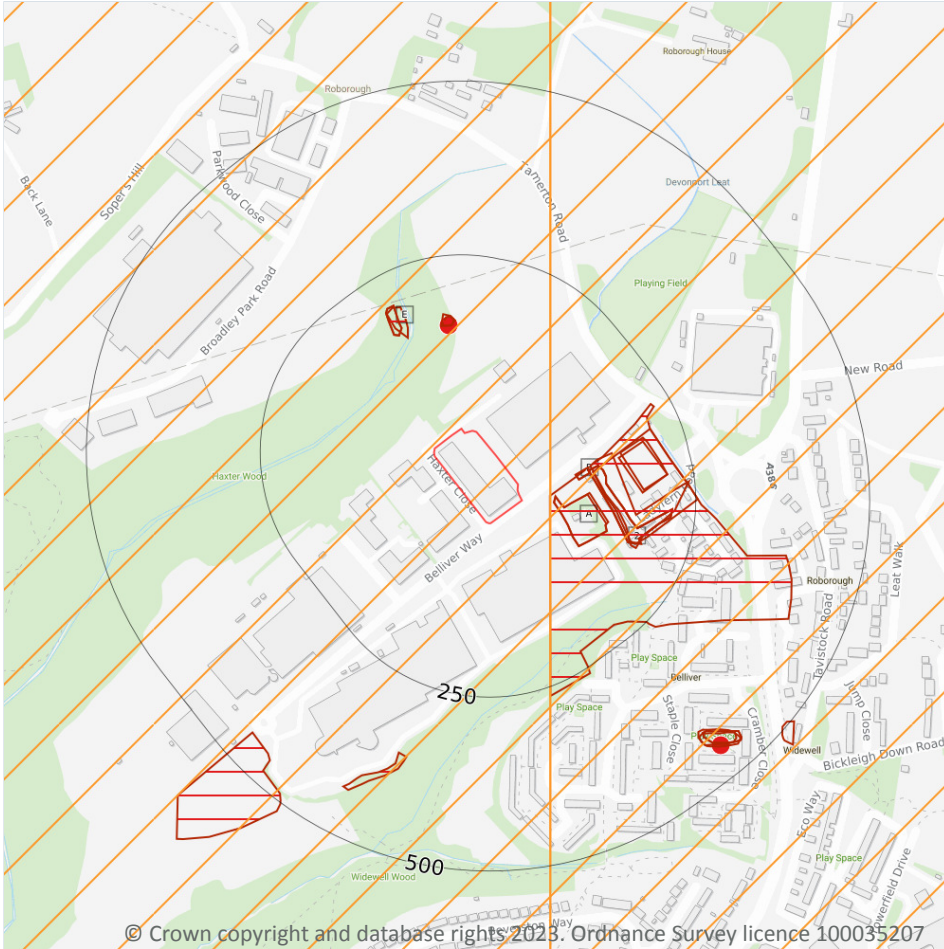
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

Location	Hazard rating	Details
41m E	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

*This data is sourced from the British Geological Survey.*



## 18 Mining and ground workings



### 18.1 BritPits

#### Records within 500m

2

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

Features are displayed on the Mining and ground workings map on [page 101](#) >

ID	Location	Details	Description
D	150m N	Name: Roborough Address: Bickleigh, PLYMOUTH, Devon Commodity: Slate Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	453m SE	Name: Roborough Down Address: Roborough, PLYMOUTH, Devon Commodity: Igneous & Metamorphic Rock Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

## 18.2 Surface ground workings

Records within 250m

17

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

Features are displayed on the Mining and ground workings map on [page 101](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
2	40m E	Sewage Works	1954	1:10560
A	46m E	Unspecified Ground Workings	1981	1:10000
A	46m E	Unspecified Ground Workings	1995	1:10000
B	84m E	Covered Reservoir	1981	1:10000
B	84m E	Covered Reservoir	1995	1:10000
C	103m E	Unspecified Ground Workings	1981	1:10000
C	103m E	Unspecified Ground Workings	1995	1:10000
C	103m E	Unspecified Ground Workings	1954	1:10560
C	108m E	Unspecified Heap	1907	1:10560
C	109m E	Covered Reservoir	1981	1:10000
D	149m N	Unspecified Quarry	1884	1:10560
D	149m N	Unspecified Quarry	1954	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
C	150m E	Reservoir	1954	1:10560
E	152m NW	Unspecified Quarry	1954	1:10560
C	154m E	Reservoir	1907	1:10560
E	161m NW	Unspecified Quarry	1987	1:10000
E	161m NW	Unspecified Quarry	1974	1:10000

*This is data is sourced from Ordnance Survey/Groundsure.*

### 18.3 Underground workings

**Records within 1000m**

**0**

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

*This is data is sourced from Ordnance Survey/Groundsure.*

### 18.4 Underground mining extents

**Records within 500m**

**0**

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

*This data is sourced from Groundsure.*

### 18.5 Historical Mineral Planning Areas

**Records within 500m**

**0**

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

*This data is sourced from the British Geological Survey.*



## 18.6 Non-coal mining

Records within 1000m

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 and ground workings map on [page 101](#) >

ID	Location	Name	Commodity	Class	Likelihood
1	On site	South West England	Vein Mineral	C	Underground mine workings may have occurred in the past, or current mines may be operating to modern engineering standards. Potential for difficult ground conditions should be considered.
3	41m E	South West England	Vein Mineral	C	Underground mine workings may have occurred in the past, or current mines may be operating to modern engineering standards. Potential for difficult ground conditions should be considered.

*This data is sourced from the British Geological Survey.*

## 18.7 JPB mining areas

Records on site

0

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

*This data is sourced from Johnson Poole and Bloomer.*

## 18.8 The Coal Authority non-coal mining

Records within 500m

0

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

*This data is sourced from The Coal Authority.*





## 18.9 Researched mining

Records within 500m

0

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

*This data is sourced from Groundsure.*

## 18.10 Mining record office plans

Records within 500m

0

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

*This data is sourced from Groundsure.*

## 18.11 BGS mine plans

Records within 500m

0

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

*This data is sourced from Groundsure.*

## 18.12 Coal mining

Records on site

0

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

*This data is sourced from the Coal Authority.*

## 18.13 Brine areas

Records on site

0

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

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



## 18.14 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

*This data is sourced from British Gypsum.*

## 18.15 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

*This data is sourced from Groundsure.*

## 18.16 Clay mining

Records on site

0

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

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

## 19 Ground cavities and sinkholes

### 19.1 Natural cavities

Records within 500m

0

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

*This data is sourced from Stantec UK Ltd.*

### 19.2 Mining cavities

Records within 1000m

0

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

*This data is sourced from Stantec UK Ltd.*

### 19.3 Reported recent incidents

Records within 500m

0

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

*This data is sourced from Groundsure.*

### 19.4 Historical incidents

Records within 500m

0

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

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



*This data is sourced from Groundsure.*

## 19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

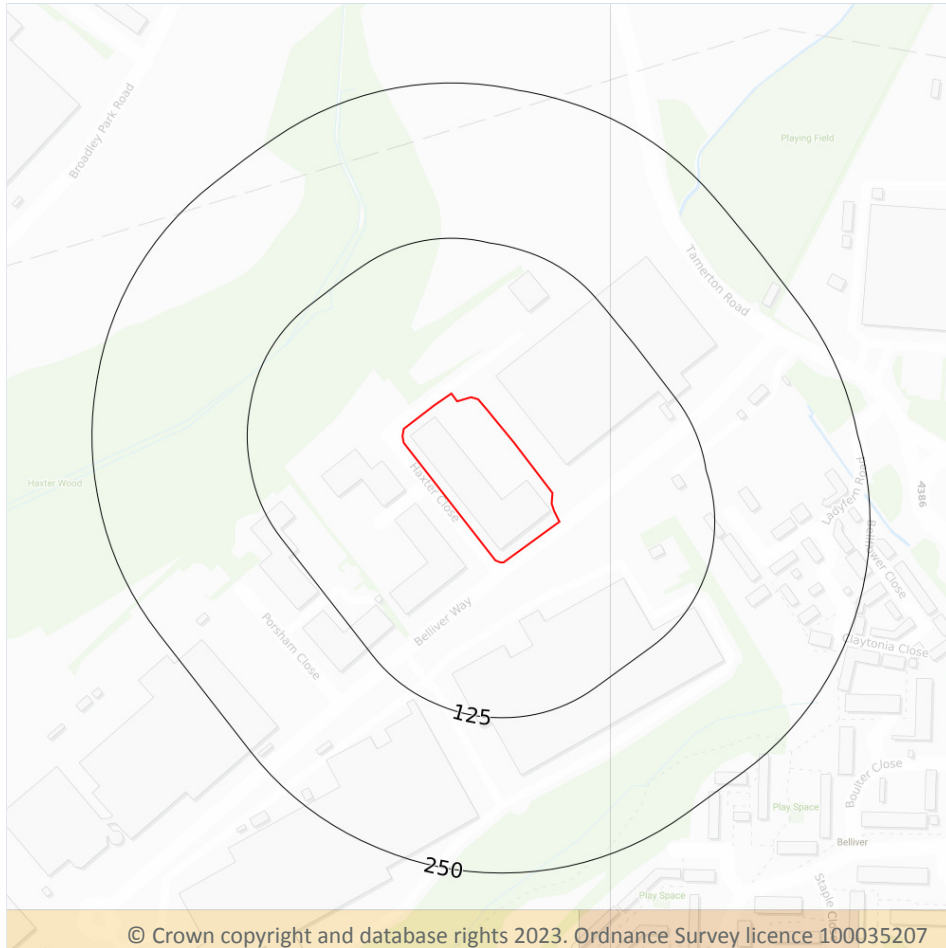
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

*This data is sourced from the British Geological Survey.*



## 20 Radon



— Site Outline  
 Search buffers in metres (m)

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

### 20.1 Radon

#### Records on site

1

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

Features are displayed on the Radon map on [page 109 >](#)

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



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



Contact us with any questions at:

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Date: 7 September 2023

## 21 Soil chemistry

### 21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
41m E	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg

*This data is sourced from the British Geological Survey.*

### 21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

*This data is sourced from the British Geological Survey.*

### 21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

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

*This data is sourced from the British Geological Survey.*



## 22 Railway infrastructure and projects

### 22.1 Underground railways (London)

Records within 250m

0

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

*This data is sourced from publicly available information by Groundsure.*

### 22.2 Underground railways (Non-London)

Records within 250m

0

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

*This data is sourced from publicly available information by Groundsure.*

### 22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

*This data is sourced from the Ordnance Survey.*

### 22.4 Historical railway and tunnel features

Records within 250m

0

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

*This data is sourced from Ordnance Survey/Groundsure.*

### 22.5 Royal Mail tunnels

Records within 250m

0

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





*This data is sourced from Groundsure/the Postal Museum.*

## 22.6 Historical railways

**Records within 250m**

**0**

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

*This data is sourced from OpenStreetMap.*

## 22.7 Railways

**Records within 250m**

**0**

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

*This data is sourced from Ordnance Survey and OpenStreetMap.*

## 22.8 Crossrail 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.*

## 22.9 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.*

## 22.10 HS2

**Records within 500m**

**0**

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

*This data is sourced from HS2 Ltd.*



## Data providers

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

## Terms and conditions

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

