

Whealdream Golf Club, Wendron, Helston TR13 0LR

Order Details

Date: 19/06/2024
Your ref: 9314 Wendron, Helston
Our Ref: GS-P60-RDQ-G8M-LKC

Site Details

Location: 166814 029905
Area: 7.44 ha
Authority: [Cornwall Council \(Unitary\)](#) ↗



[Summary of findings](#)

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[Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Certified



Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	0	5	33	85	-
20 >	1.2 >	Historical tanks >	0	1	0	0	-
20	1.3	Historical energy features	0	0	0	0	-
21	1.4	Historical petrol stations	0	0	0	0	-
21	1.5	Historical garages	0	0	0	0	-
21	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	2.1 >	Historical industrial land uses >	0	5	37	111	-
28 >	2.2 >	Historical tanks >	0	1	0	0	-
28	2.3	Historical energy features	0	0	0	0	-
29	2.4	Historical petrol stations	0	0	0	0	-
29	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
30	3.1	Active or recent landfill	0	0	0	0	-
30	3.2	Historical landfill (BGS records)	0	0	0	0	-
31	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
31 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	1	0	-
31	3.5	Historical waste sites	0	0	0	0	-
31	3.6	Licensed waste sites	0	0	0	0	-
32 >	3.7 >	Waste exemptions >	0	0	90	51	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
42 >	4.1 >	Recent industrial land uses >	1	4	7	-	-
43	4.2	Current or recent petrol stations	0	0	0	0	-
44	4.3	Electricity cables	0	0	0	0	-
44	4.4	Gas pipelines	0	0	0	0	-
44	4.5	Sites determined as Contaminated Land	0	0	0	0	-

44	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
44	4.7	Regulated explosive sites	0	0	0	0	-
45	4.8	Hazardous substance storage/usage	0	0	0	0	-
45	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
45	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
45	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
45	4.12	Radioactive Substance Authorisations	0	0	0	0	-
46 >	4.13 >	<u>Licensed Discharges to controlled waters ></u>	0	1	0	2	-
46	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
46	4.15	Pollutant release to public sewer	0	0	0	0	-
47	4.16	List 1 Dangerous Substances	0	0	0	0	-
47	4.17	List 2 Dangerous Substances	0	0	0	0	-
47	4.18	Pollution Incidents (EA/NRW)	0	0	0	0	-
47	4.19	Pollution inventory substances	0	0	0	0	-
47	4.20	Pollution inventory waste transfers	0	0	0	0	-
48	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
49 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
51 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
53 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
55	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
55	5.5	Groundwater vulnerability- local information	None (within 0m)				
56 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	0	1	28
63 >	5.7 >	<u>Surface water abstractions ></u>	0	0	7	0	5
65 >	5.8 >	<u>Potable abstractions ></u>	0	0	0	0	1
66	5.9	Source Protection Zones	0	0	0	0	-
66	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
67 >	6.1 >	<u>Water Network (OS MasterMap) ></u>	1	5	19	-	-



70 >	6.2 >	Surface water features >	1	9	10	-	-
70 >	6.3 >	WFD Surface water body catchments >	3	-	-	-	-
70 >	6.4 >	WFD Surface water bodies >	0	1	0	-	-
71 >	6.5 >	WFD Groundwater bodies >	2	-	-	-	-

Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
72 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
73	7.2	Historical Flood Events	0	0	0	-	-
73	7.3	Flood Defences	0	0	0	-	-
73	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
73	7.5	Flood Storage Areas	0	0	0	-	-
74 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
75 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				

Page	Section	Surface water flooding >					
76 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				

Page	Section	Groundwater flooding >					
78 >	9.1 >	Groundwater flooding >	Low (within 50m)				

Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
79	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
80	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
80	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
80	10.4	Special Protection Areas (SPA)	0	0	0	0	0
80	10.5	National Nature Reserves (NNR)	0	0	0	0	0
81	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
81 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	1
81	10.8	Biosphere Reserves	0	0	0	0	0
81	10.9	Forest Parks	0	0	0	0	0
82	10.10	Marine Conservation Zones	0	0	0	0	0
82	10.11	Green Belt	0	0	0	0	0
82	10.12	Proposed Ramsar sites	0	0	0	0	0

82	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
82	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
83	10.15	Nitrate Sensitive Areas	0	0	0	0	0
83 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	1
84 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
85	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
86	11.1	World Heritage Sites	0	0	0	-	-
87	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
87	11.3	National Parks	0	0	0	-	-
87 >	11.4 >	Listed Buildings >	0	1	2	-	-
88	11.5	Conservation Areas	0	0	0	-	-
88	11.6	Scheduled Ancient Monuments	0	0	0	-	-
88	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
89 >	12.1 >	Agricultural Land Classification >	Grade 3a (within 250m)				
90	12.2	Open Access Land	0	0	0	-	-
90	12.3	Tree Felling Licences	0	0	0	-	-
91	12.4	Environmental Stewardship Schemes	0	0	0	-	-
91 >	12.5 >	Countryside Stewardship Schemes >	0	3	3	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
92 >	13.1 >	Priority Habitat Inventory >	2	4	10	-	-
93	13.2	Habitat Networks	0	0	0	-	-
93	13.3	Open Mosaic Habitat	0	0	0	-	-
94	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
95 >	14.1 >	10k Availability >	Identified (within 500m)				
96	14.2	Artificial and made ground (10k)	0	0	0	0	-
97	14.3	Superficial geology (10k)	0	0	0	0	-

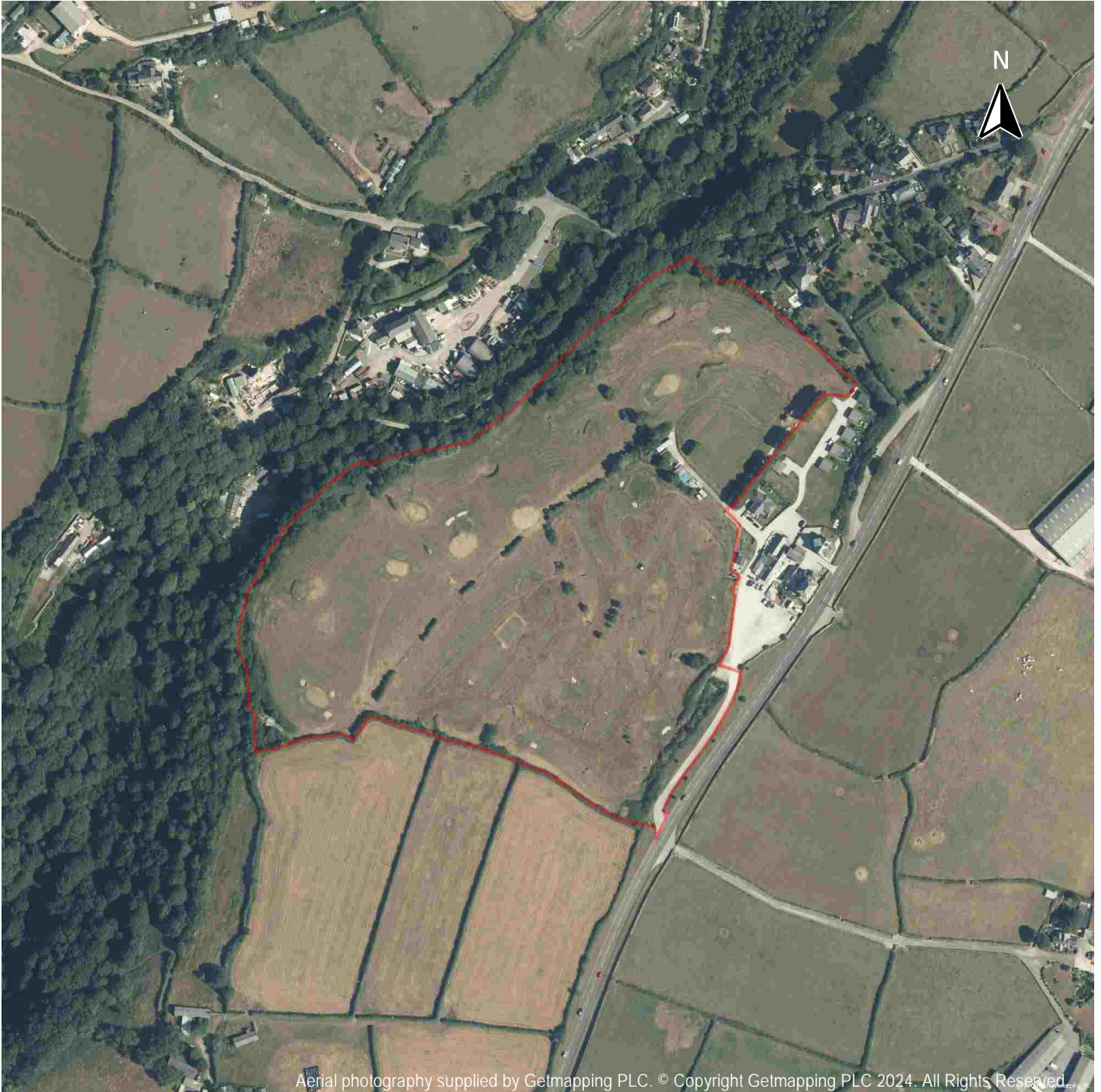
97	14.4	Landslip (10k)	0	0	0	0	-
98	14.5	Bedrock geology (10k)	0	0	0	0	-
98	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
99 >	15.1 >	50k Availability >	Identified (within 500m)				
100	15.2	Artificial and made ground (50k)	0	0	0	0	-
100	15.3	Artificial ground permeability (50k)	0	0	-	-	-
101 >	15.4 >	Superficial geology (50k) >	1	0	1	4	-
102 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
102	15.6	Landslip (50k)	0	0	0	0	-
102	15.7	Landslip permeability (50k)	None (within 50m)				
103 >	15.8 >	Bedrock geology (50k) >	1	0	1	2	-
104 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
104 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	2	2	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
105	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence >					
106 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
108 >	17.2 >	Running sands >	Low (within 50m)				
110 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
112 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
114 >	17.5 >	Landslides >	Low (within 50m)				
116 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
118 >	18.1 >	BritPits >	0	1	4	2	-
120 >	18.2 >	Surface ground workings >	0	6	27	-	-
121 >	18.3 >	Underground workings >	0	0	4	53	104
127	18.4	Underground mining extents	0	0	0	0	-
128 >	18.5 >	Historical Mineral Planning Areas >	0	0	1	1	-



128 >	18.6 >	Non-coal mining >	6	1	2	2	4
130	18.7	JPB mining areas	None (within 0m)				
130	18.8	The Coal Authority non-coal mining	0	0	0	0	-
130 >	18.9 >	Researched mining >	14	5	17	40	-
133 >	18.10 >	Mining record office plans >	0	1	3	0	-
134	18.11	BGS mine plans	0	0	0	0	-
134	18.12	Coal mining	None (within 0m)				
134	18.13	Brine areas	None (within 0m)				
134	18.14	Gypsum areas	None (within 0m)				
135 >	18.15 >	Tin mining >	Identified (within 0m)				
135	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
136	19.1	Natural cavities	0	0	0	0	-
137 >	19.2 >	Mining cavities >	0	0	1	6	14
138	19.3	Reported recent incidents	0	0	0	0	-
139	19.4	Historical incidents	0	0	0	0	-
139	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
140 >	20.1 >	Radon >	Greater than 30% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
142 >	21.1 >	BGS Estimated Background Soil Chemistry >	3	4	-	-	-
142	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
143	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
144	22.1	Underground railways (London)	0	0	0	-	-
144	22.2	Underground railways (Non-London)	0	0	0	-	-
144	22.3	Railway tunnels	0	0	0	-	-
144	22.4	Historical railway and tunnel features	0	0	0	-	-
144	22.5	Royal Mail tunnels	0	0	0	-	-

145	22.6	Historical railways	0	0	0	-	-
145	22.7	Railways	0	0	0	-	-
145	22.8	Crossrail 1	0	0	0	0	-
145	22.9	Crossrail 2	0	0	0	0	-
145	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 07/08/2022

Site Area: 7.44ha



Recent site history - 2019 aerial photograph

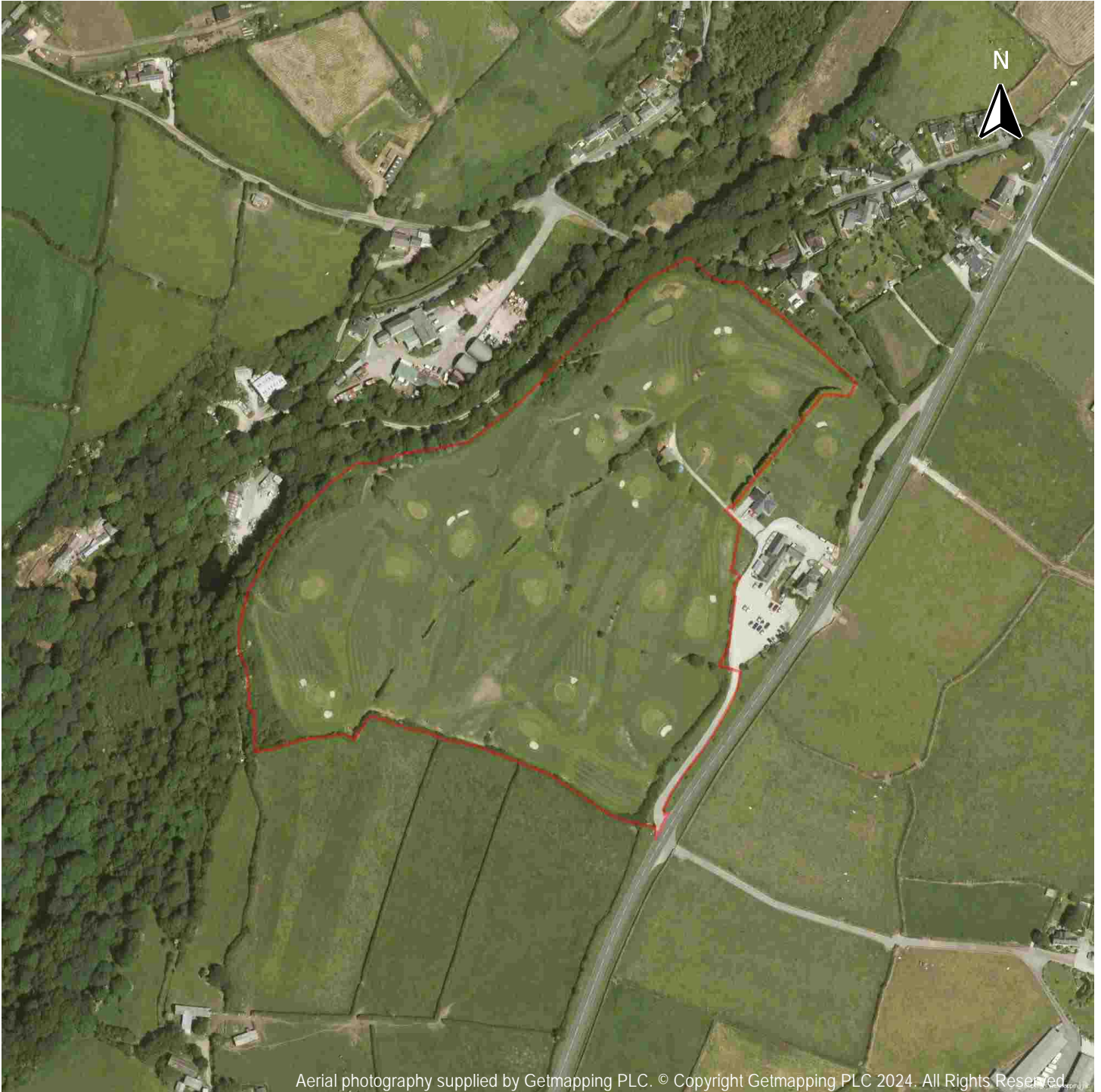


Capture Date: 04/07/2019

Site Area: 7.44ha



Recent site history - 2013 aerial photograph



Capture Date: 10/07/2013

Site Area: 7.44ha



Recent site history - 2005 aerial photograph



Capture Date: 15/10/2005

Site Area: 7.44ha



Recent site history - 1999 aerial photograph



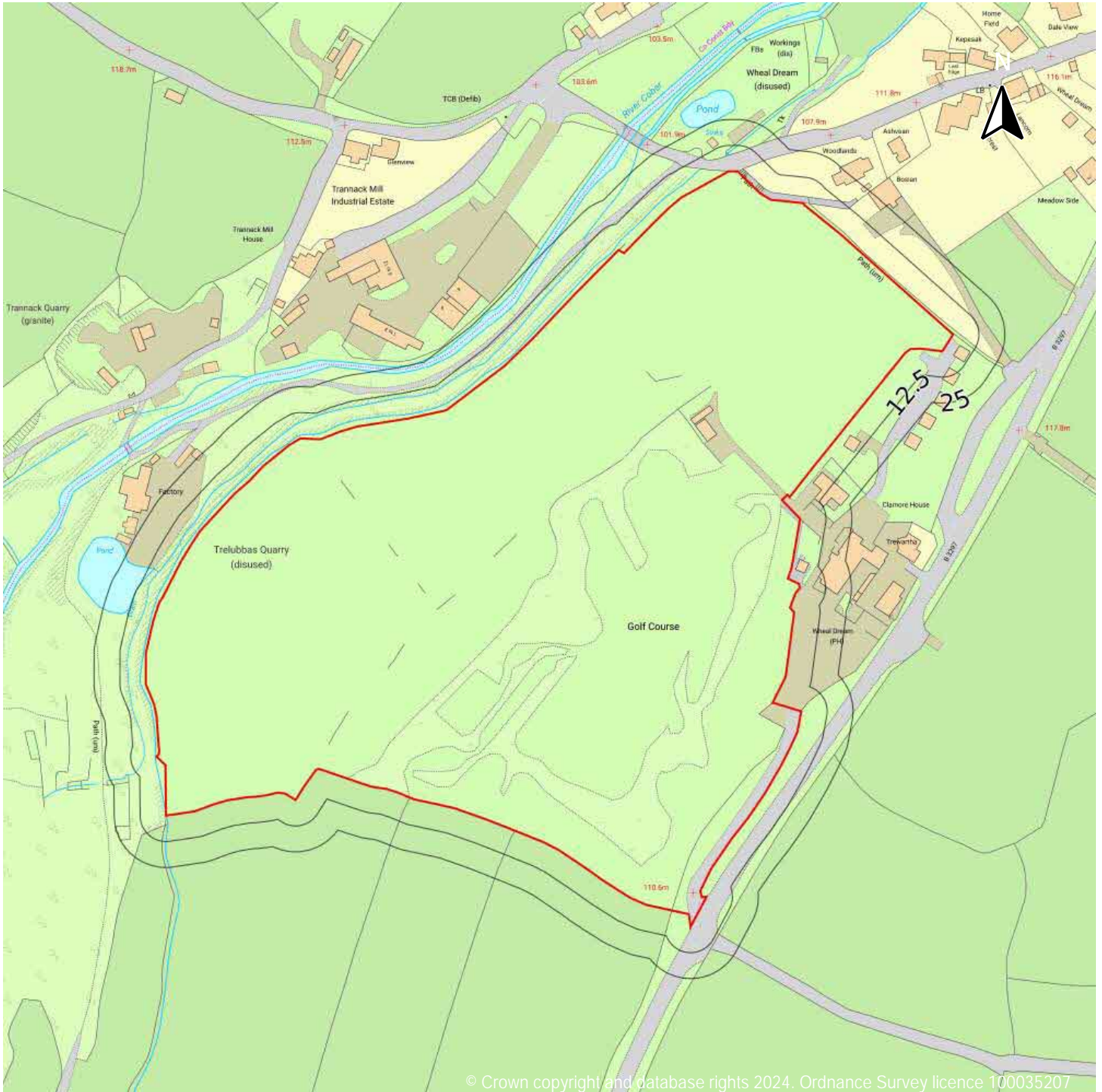
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2024. All Rights Reserved.

Capture Date: 02/09/1999

Site Area: 7.44ha



OS MasterMap site plan



Site Area: 7.44ha



ID	Location	Land use	Dates present	Group ID
A	11m W	Unspecified Quarry	1909	44800
A	11m W	Unspecified Quarry	1877	49161
A	12m W	Unspecified Quarry	1938	55193
A	12m W	Unspecified Quarry	1962	51985
B	56m NW	Corn Mill	1877	31441
2	60m NW	Unspecified Mill	1909	20947
B	60m NW	Unspecified Quarry	1877	45107
B	63m NW	Unspecified Quarry	1958	55726
B	63m NW	Granite Quarry	1974	27666
B	64m NW	Unspecified Quarry	1909 - 1938	47589
3	70m SW	Chimney	1877	24911
B	78m NW	Unspecified Quarry	1976	43008
4	85m N	Unspecified Mill	1938	20946
C	87m W	Unspecified Mill	1976	20948
D	94m NE	Unspecified Shaft	1958	49290
C	98m W	Corn Mill	1877	31442
D	115m NE	Unspecified Heap	1958	48323
D	115m NE	Unspecified Heap	1938	43078
D	117m NE	Unspecified Heap	1909	43550
D	121m NE	Unspecified Heap	1877	47164
E	128m SW	Unspecified Old Quarries	1909	37196
E	136m SW	Unspecified Quarries	1962	44921
E	138m W	Unspecified Quarries	1877	45687
E	138m W	Unspecified Quarries	1938	53253
D	158m NE	Unspecified Shaft	1909	52993
D	158m NE	Unspecified Shaft	1938	42697
D	173m NE	Unspecified Shaft	1877	50083
E	188m SW	Unspecified Quarries	1938	37434



ID	Location	Land use	Dates present	Group ID
E	188m SW	Unspecified Quarries	1877	53570
5	212m SW	Unspecified Shaft	1877	25624
F	236m W	Stone Quarry	1976	19235
F	238m W	Unspecified Quarry	1909	56299
F	239m W	Unspecified Quarry	1938 - 1962	43350
F	239m W	Unspecified Quarries	1877	32395
F	241m W	Unspecified Heap	1976	43104
G	243m E	Unspecified Shaft	1877	25635
F	248m W	Unspecified Heap	1938	37455
G	261m E	Refuse Heap	1909	44329
H	262m E	Unspecified Disused Mine	1958	22531
I	273m E	Unspecified Disused Shaft	1976	30152
H	277m E	Tin Mine	1877	32525
I	283m E	Unspecified Shaft	1877	48015
I	283m E	Unspecified Shaft	1938	55926
J	285m SE	Refuse Heap	1909 - 1962	37648
H	286m E	Disused Tin Mine	1909	57572
I	287m E	Unspecified Old Shaft	1962	60716
I	289m E	Unspecified Old Shaft	1909	55103
H	292m E	Disused Tin Mine	1938	40269
K	293m E	Unspecified Old Shafts	1938	52579
K	293m E	Unspecified Old Shafts	1877	58446
L	297m NE	Unspecified Old Shafts	1938	39385
K	302m E	Unspecified Old Shaft	1962	59413
K	302m E	Unspecified Disused Shaft	1976	30151
K	304m E	Unspecified Old Shaft	1909	57575
K	309m E	Unspecified Old Shafts	1877	23727
K	310m E	Unspecified Shaft	1938	25633



ID	Location	Land use	Dates present	Group ID
6	326m E	Unspecified Old Shaft	1877	32659
M	329m W	Cuttings	1909 - 1938	48928
M	331m W	Cuttings	1962	51272
J	345m SE	Unspecified Old Shaft	1909 - 1962	40613
7	346m E	Unspecified Shaft	1877	25637
J	347m SE	Unspecified Disused Shafts	1976	29268
J	347m SE	Unspecified Shafts	1877	18281
L	349m E	Refuse Heaps	1958	36996
8	355m NE	Unspecified Shaft	1877	25644
N	359m NE	Unspecified Mill	1958	46204
J	365m SE	Unspecified Disused Shafts	1976	29270
L	367m NE	Unspecified Old Shafts	1877	60919
L	367m NE	Unspecified Old Shafts	1958	55791
L	367m NE	Unspecified Old Shafts	1909	44660
L	367m NE	Unspecified Old Shafts	1909	49283
J	370m SE	Unspecified Old Shafts	1962	38201
J	371m SE	Unspecified Old Shafts	1909	42403
J	372m SE	Unspecified Old Shafts	1938	45096
J	380m SE	Unspecified Old Shafts	1938	55008
L	382m NE	Refuse Heap	1909	38323
L	383m NE	Unspecified Old Shafts	1958	44389
J	385m SE	Unspecified Old Shafts	1962	44051
J	387m SE	Unspecified Old Shafts	1909	50679
J	390m SE	Unspecified Disused Shaft	1976	30143
O	391m E	Refuse Heap	1962	46780
H	393m E	Unspecified Shaft	1958	25632
H	397m E	Unspecified Old Shaft	1909	60960
O	397m E	Unspecified Heap	1877	34608



ID	Location	Land use	Dates present	Group ID
O	399m E	Refuse Heap	1909	47936
H	400m E	Unspecified Shaft	1877	25631
9	403m SE	Unspecified Shafts	1877	18280
P	406m SW	Cuttings	1976	48625
N	411m NE	Unspecified Mill	1909	43275
N	414m NE	Corn Mill	1877	31439
N	418m NE	Unspecified Mill	1938	45524
J	419m SE	Unspecified Old Shaft	1877	32652
P	421m SW	Cuttings	1909	42824
P	422m SW	Cuttings	1962	43611
P	423m SW	Cuttings	1938	58441
L	424m NE	Unspecified Heap	1877	34609
P	425m SW	Unspecified Shaft	1877	25619
L	436m NE	Unspecified Old Shaft	1909	37826
L	437m NE	Unspecified Old Shaft	1958	59872
L	438m NE	Unspecified Disused Shafts	1974	29275
O	439m E	Unspecified Shaft	1877	25634
L	440m NE	Unspecified Old Shaft	1938	45329
L	440m NE	Unspecified Old Shaft	1877	54371
H	443m E	Unspecified Disused Shafts	1974	29269
Q	446m NE	Unspecified Shafts	1877	18287
R	448m SE	Disused Tin Wheal	1909	19420
O	448m E	Unspecified Shaft	1909 - 1938	49716
O	448m E	Unspecified Shaft	1962	45131
H	449m E	Unspecified Shaft	1877	25645
H	449m E	Unspecified Old Shaft	1938	60754
H	451m E	Unspecified Old Shaft	1909	60112
H	452m E	Unspecified Old Shaft	1958	52784



ID	Location	Land use	Dates present	Group ID
R	455m SE	Disused Tin	1938	54687
Q	455m NE	Unspecified Shaft	1877	25643
H	464m E	Magazine	1877	31892
10	468m NE	Unspecified Shaft	1958	38151
S	472m SW	Disused Tin Wheal	1909	19419
S	473m SW	Disused Tin	1938	22223
Q	482m NE	Unspecified Shafts	1877	18286
L	483m NE	Unspecified Old Shaft	1909 - 1958	44537
O	488m E	Unspecified Old Shaft	1909 - 1962	46605
L	488m NE	Unspecified Disused Shafts	1974	29276

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

1

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

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

ID	Location	Land use	Dates present	Group ID
1	33m NE	Unspecified Tank	1908	3283

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

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



This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

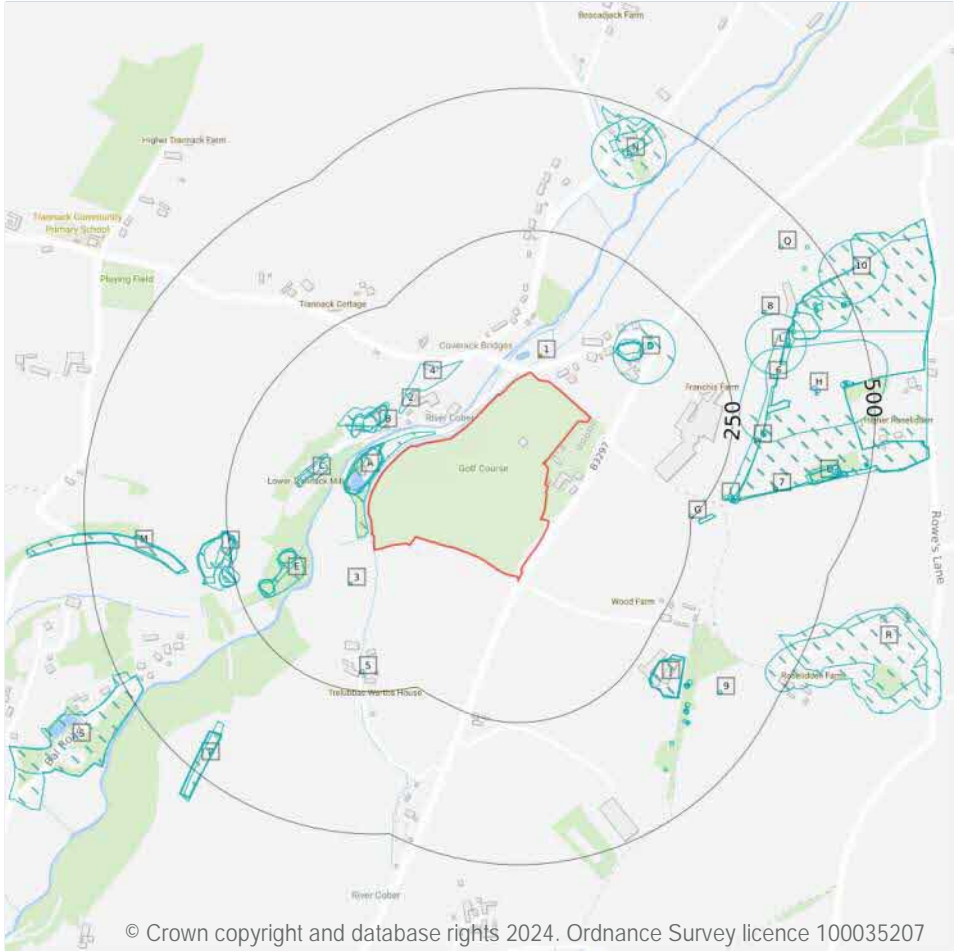
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m **153**

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 22](#) >

ID	Location	Land Use	Date	Group ID
A	7m SW	Unspecified Disused Quarry	1976	19012
A	11m W	Unspecified Quarry	1909	44800
A	11m W	Unspecified Quarry	1877	49161

ID	Location	Land Use	Date	Group ID
A	12m W	Unspecified Quarry	1938	55193
A	12m W	Unspecified Quarry	1962	51985
B	56m NW	Corn Mill	1877	31441
2	60m NW	Unspecified Mill	1909	20947
B	60m NW	Unspecified Quarry	1877	45107
B	63m NW	Unspecified Quarry	1958	55726
B	63m NW	Granite Quarry	1974	27666
B	64m NW	Unspecified Quarry	1909	47589
B	65m NW	Unspecified Quarry	1938	47589
3	70m SW	Chimney	1877	24911
B	78m NW	Unspecified Quarry	1976	43008
4	85m N	Unspecified Mill	1938	20946
C	87m W	Unspecified Mill	1976	20948
D	94m NE	Unspecified Shaft	1958	49290
C	98m W	Corn Mill	1877	31442
D	115m NE	Unspecified Heap	1958	48323
D	115m NE	Unspecified Heap	1938	43078
D	117m NE	Unspecified Heap	1909	43550
D	117m NE	Unspecified Heap	1909	43550
D	121m NE	Unspecified Heap	1877	47164
E	128m SW	Unspecified Old Quarries	1909	37196
E	136m SW	Unspecified Quarries	1962	44921
E	138m W	Unspecified Quarries	1938	53253
E	138m W	Unspecified Quarries	1877	45687
D	158m NE	Unspecified Shaft	1909	52993
D	158m NE	Unspecified Shaft	1909	52993
D	158m NE	Unspecified Shaft	1938	42697
D	173m NE	Unspecified Shaft	1877	50083



ID	Location	Land Use	Date	Group ID
E	188m SW	Unspecified Quarries	1938	37434
E	188m SW	Unspecified Quarries	1877	53570
5	212m SW	Unspecified Shaft	1877	25624
F	236m W	Stone Quarry	1976	19235
F	238m W	Unspecified Quarry	1909	56299
F	239m W	Unspecified Quarry	1938	43350
F	239m W	Unspecified Quarries	1877	32395
F	241m W	Unspecified Heap	1976	43104
F	242m W	Unspecified Quarry	1962	43350
G	243m E	Unspecified Shaft	1877	25635
F	248m W	Unspecified Heap	1938	37455
G	261m E	Refuse Heap	1909	44329
G	261m E	Refuse Heap	1909	44329
H	262m E	Unspecified Disused Mine	1958	22531
I	273m E	Unspecified Disused Shaft	1976	30152
H	277m E	Tin Mine	1877	32525
I	283m E	Unspecified Shaft	1938	55926
I	283m E	Unspecified Shaft	1877	48015
J	285m SE	Refuse Heap	1938	37648
J	286m SE	Refuse Heap	1962	37648
H	286m E	Disused Tin Mine	1909	57572
H	286m E	Disused Tin Mine	1909	57572
I	287m E	Unspecified Old Shaft	1962	60716
J	287m SE	Refuse Heap	1909	37648
J	287m SE	Refuse Heap	1909	37648
I	289m E	Unspecified Old Shaft	1909	55103
I	289m E	Unspecified Old Shaft	1909	55103
H	292m E	Disused Tin Mine	1938	40269



ID	Location	Land Use	Date	Group ID
K	293m E	Unspecified Old Shafts	1938	52579
K	293m E	Unspecified Old Shafts	1877	58446
L	297m NE	Unspecified Old Shafts	1938	39385
K	302m E	Unspecified Old Shaft	1962	59413
K	302m E	Unspecified Disused Shaft	1976	30151
K	304m E	Unspecified Old Shaft	1909	57575
K	304m E	Unspecified Old Shaft	1909	57575
K	309m E	Unspecified Old Shafts	1877	23727
K	310m E	Unspecified Shaft	1938	25633
6	326m E	Unspecified Old Shaft	1877	32659
M	329m W	Cuttings	1938	48928
M	331m W	Cuttings	1962	51272
M	332m W	Cuttings	1909	48928
J	345m SE	Unspecified Old Shaft	1909	40613
J	345m SE	Unspecified Old Shaft	1909	40613
J	345m SE	Unspecified Old Shaft	1962	40613
7	346m E	Unspecified Shaft	1877	25637
J	347m SE	Unspecified Disused Shafts	1976	29268
J	347m SE	Unspecified Old Shaft	1938	40613
J	347m SE	Unspecified Shafts	1877	18281
L	349m E	Refuse Heaps	1958	36996
8	355m NE	Unspecified Shaft	1877	25644
N	359m NE	Unspecified Mill	1958	46204
J	365m SE	Unspecified Disused Shafts	1976	29270
L	367m NE	Unspecified Old Shafts	1877	60919
L	367m NE	Unspecified Old Shafts	1958	55791
L	367m NE	Unspecified Old Shafts	1909	49283
L	367m NE	Unspecified Old Shafts	1909	44660



ID	Location	Land Use	Date	Group ID
J	370m SE	Unspecified Old Shafts	1962	38201
J	371m SE	Unspecified Old Shafts	1909	42403
J	371m SE	Unspecified Old Shafts	1909	42403
J	372m SE	Unspecified Old Shafts	1938	45096
J	380m SE	Unspecified Old Shafts	1938	55008
L	382m NE	Refuse Heap	1909	38323
L	382m NE	Refuse Heap	1909	38323
L	383m NE	Unspecified Old Shafts	1958	44389
J	385m SE	Unspecified Old Shafts	1962	44051
J	387m SE	Unspecified Old Shafts	1909	50679
J	387m SE	Unspecified Old Shafts	1909	50679
J	390m SE	Unspecified Disused Shaft	1976	30143
O	391m E	Refuse Heap	1962	46780
H	393m E	Unspecified Shaft	1958	25632
H	397m E	Unspecified Old Shaft	1909	60960
H	397m E	Unspecified Old Shaft	1909	60960
O	397m E	Unspecified Heap	1877	34608
O	399m E	Refuse Heap	1909	47936
O	399m E	Refuse Heap	1909	47936
H	400m E	Unspecified Shaft	1877	25631
9	403m SE	Unspecified Shafts	1877	18280
P	406m SW	Cuttings	1976	48625
N	411m NE	Unspecified Mill	1909	43275
N	414m NE	Corn Mill	1877	31439
N	418m NE	Unspecified Mill	1938	45524
J	419m SE	Unspecified Old Shaft	1877	32652
P	421m SW	Cuttings	1909	42824
P	422m SW	Cuttings	1962	43611



ID	Location	Land Use	Date	Group ID
P	423m SW	Cuttings	1938	58441
L	424m NE	Unspecified Heap	1877	34609
P	425m SW	Unspecified Shaft	1877	25619
L	436m NE	Unspecified Old Shaft	1909	37826
L	436m NE	Unspecified Old Shaft	1909	37826
L	437m NE	Unspecified Old Shaft	1958	59872
L	438m NE	Unspecified Disused Shafts	1974	29275
O	439m E	Unspecified Shaft	1877	25634
L	440m NE	Unspecified Old Shaft	1938	45329
L	440m NE	Unspecified Old Shaft	1877	54371
H	443m E	Unspecified Disused Shafts	1974	29269
Q	446m NE	Unspecified Shafts	1877	18287
R	448m SE	Disused Tin Wheal	1909	19420
O	448m E	Unspecified Shaft	1938	49716
O	448m E	Unspecified Shaft	1962	45131
H	449m E	Unspecified Old Shaft	1938	60754
H	449m E	Unspecified Shaft	1877	25645
O	450m E	Unspecified Shaft	1909	49716
O	450m E	Unspecified Shaft	1909	49716
H	451m E	Unspecified Old Shaft	1909	60112
H	451m E	Unspecified Old Shaft	1909	60112
H	452m E	Unspecified Old Shaft	1958	52784
R	455m SE	Disused Tin	1938	54687
Q	455m NE	Unspecified Shaft	1877	25643
H	464m E	Magazine	1877	31892
10	468m NE	Unspecified Shaft	1958	38151
S	472m SW	Disused Tin Wheal	1909	19419
S	473m SW	Disused Tin	1938	22223



ID	Location	Land Use	Date	Group ID
Q	482m NE	Unspecified Shafts	1877	18286
L	483m NE	Unspecified Old Shaft	1938	44537
L	483m NE	Unspecified Old Shaft	1909	44537
L	483m NE	Unspecified Old Shaft	1909	44537
L	485m NE	Unspecified Old Shaft	1958	44537
O	488m E	Unspecified Old Shaft	1938	46605
L	488m NE	Unspecified Disused Shafts	1974	29276
O	489m E	Unspecified Old Shaft	1962	46605
O	491m E	Unspecified Old Shaft	1909	46605
O	491m E	Unspecified Old Shaft	1909	46605

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

1

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. 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 22 >](#)

ID	Location	Land Use	Date	Group ID
1	33m NE	Unspecified Tank	1908	3283

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

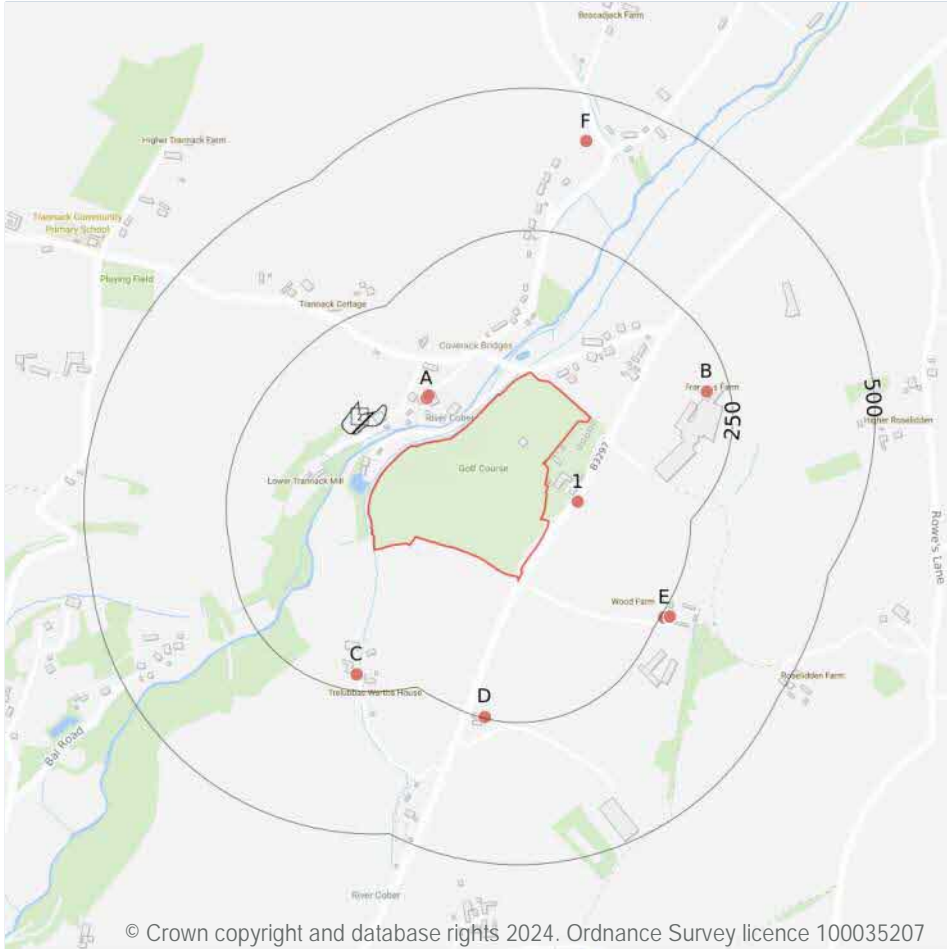
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections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

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0
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Landfill sites identified from Local Authority records and high detail historical mapping.

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	1
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Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on [page 30 >](#)

ID	Location	Details		
2	64m NW	Site Address: Trannack Quarry, Trannack Quarry - Trelubbas Quarry, Helston, Cornwall Licence Holder Address: -	Waste Licence: - Site Reference: 2/35, WM2/1/14, MM2/1/KERR Waste Type: Inert, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -

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

3.5 Historical waste sites

Records within 500m	0
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Waste site records derived from Local Authority planning records and high detail historical mapping.

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

3.6 Licensed waste sites

Records within 500m	0
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

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

3.7 Waste exemptions

Records within 500m

141

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 30](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
1	55m E	Layby Adjacent To Wheal Dream Sw 670 299 On The B3297 Helston Cornwall Tr13 0lr	EPR/NF0339V R/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
A	77m NW	Unit 8, Trannick Mill Industrial Estate, Coverack Bridges, Helston, Tr13 0sw	WEX374627	Using waste exemption	Not on a farm	Use of waste in construction
A	77m NW	Unit 8, Trannick Mill Industrial Estate, Coverack Bridges, Helston, Tr13 0sw	WEX247512	Using waste exemption	Not on a farm	Use of waste in construction
A	77m NW	Unit 8, Trannick Mill Industrial Estate, Coverack Bridges, Helston, Tr13 0sw	WEX105285	Using waste exemption	Not on a farm	Use of waste in construction
A	82m NW	Unit 8 Trannack Mill Industrial Estate Helston Cornwall Tr13 0sw	EPR/FF0600PN /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE5081UJ /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE5081UJ /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE5081UJ /A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE5081UJ /A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE5081UJ /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction



ID	Location	Site	Reference	Category	Sub-Category	Description
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE 5081UJ /A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE 5081UJ /A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE 5081UJ /A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
B	208m E	Franchis Farm Helston Cornwall Tr13 0lt	EPR/HE 5081UJ /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Using waste exemption	On a farm	Use of waste in construction
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Using waste exemption	On a farm	Use of waste for a specified purpose
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Disposing of waste exemption	On a farm	Disposal by incineration
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX311647	Disposing of waste exemption	On a farm	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Using waste exemption	On a farm	Use of waste for a specified purpose
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Using waste exemption	On a farm	Use of waste in construction
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Disposing of waste exemption	On a farm	Disposal by incineration
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Disposing of waste exemption	On a farm	Burning waste in the open
B	208m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX180274	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Using waste exemption	On a farm	Use of waste in construction
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Using waste exemption	On a farm	Use of waste for a specified purpose
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Disposing of waste exemption	On a farm	Burning waste in the open
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Disposing of waste exemption	On a farm	Disposal by incineration
B	209m E	Franchis Farm, Wendron, Helston, Tr13 0lt	WEX019421	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	222m SW	Trelubbas Cottage, Wendron, Helston, Tr13 0lr	WEX182861	Disposing of waste exemption	On a farm	Burning waste in the open
C	222m SW	Trelubbas Cottage, Wendron, Helston, Tr13 0lr	WEX182861	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	222m SW	Trelubbas Cottage, Wendron, Helston, Tr13 0lr	WEX024510	Disposing of waste exemption	On a farm	Burning waste in the open
D	247m S	Trelubbas Wartha Cottage Helston Tr13 0lr	EPR/HH0172C K/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Using waste exemption	On a farm	Use of waste derived biodiesel as fuel
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Using waste exemption	On a farm	Use of waste for a specified purpose
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Storing waste exemption	On a farm	Storage of waste in a secure place
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Storing waste exemption	On a farm	Storage of waste in secure containers
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Disposing of waste exemption	On a farm	Deposit of waste from a portable sanitary convenience
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Using waste exemption	On a farm	Use of waste in construction
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Treating waste exemption	On a farm	Preparatory treatments (baling, sorting, shredding etc)
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Disposing of waste exemption	On a farm	Deposit of waste from a portable sanitary convenience
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Storing waste exemption	On a farm	Storage of waste in secure containers



ID	Location	Site	Reference	Category	Sub-Category	Description
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Storing waste exemption	On a farm	Storage of waste in a secure place
D	248m S	Whealdream, Wendron, Helston, Tr13 0lr	WEX001376	Using waste exemption	Not on a farm	Use of waste in construction
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Use of waste in construction
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Use of waste derived biodiesel as fuel
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Use of waste for a specified purpose
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Disposing of waste exemption	On a farm	Burning waste in the open
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Disposing of waste exemption	On a farm	Disposal by incineration
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Treating waste exemption	On a farm	Screening and blending of waste
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX065130	Using waste exemption	On a farm	Use of waste to manufacture finished goods
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Disposing of waste exemption	On a farm	Burning waste in the open
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Disposing of waste exemption	On a farm	Disposal by incineration
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207654	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Treating waste exemption	On a farm	Screening and blending of waste
D	248m S	Trenethick Farm, Wendron, Helston, Tr13 0lr	WEX207963	Using waste exemption	On a farm	Use of waste to manufacture finished goods
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Using waste exemption	On a farm	Use of waste for a specified purpose
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Using waste exemption	On a farm	Use of waste in construction
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Disposing of waste exemption	On a farm	Burning waste in the open
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Disposing of waste exemption	On a farm	Disposal by incineration
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX311644	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Using waste exemption	On a farm	Use of waste in construction
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance



ID	Location	Site	Reference	Category	Sub-Category	Description
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Using waste exemption	On a farm	Use of waste for a specified purpose
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Disposing of waste exemption	On a farm	Burning waste in the open
E	256m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX180285	Disposing of waste exemption	On a farm	Disposal by incineration
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment



ID	Location	Site	Reference	Category	Sub-Category	Description
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
E	263m SE	Wood Farm Helston Cornwall Tr13 Opt	EPR/ME5488 MW/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Using waste exemption	On a farm	Use of waste in construction
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Using waste exemption	On a farm	Use of waste for a specified purpose
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Disposing of waste exemption	On a farm	Disposal by incineration
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 Opt	WEX019447	Disposing of waste exemption	On a farm	Burning waste in the open

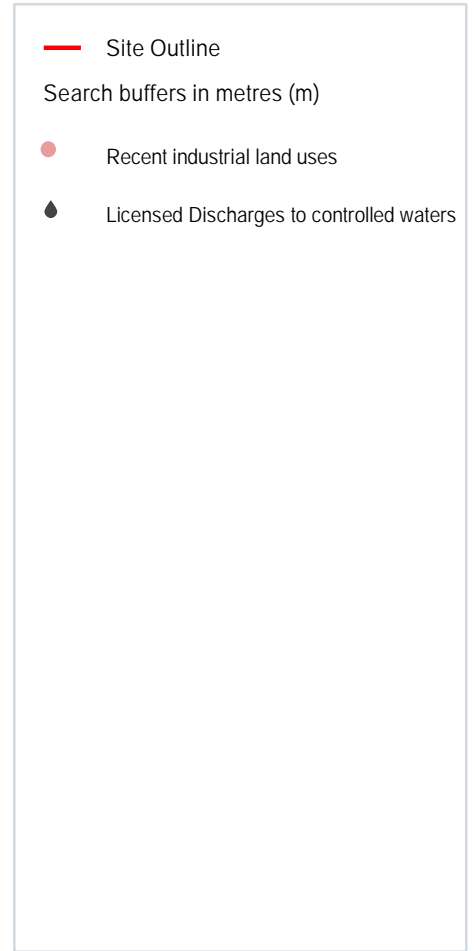
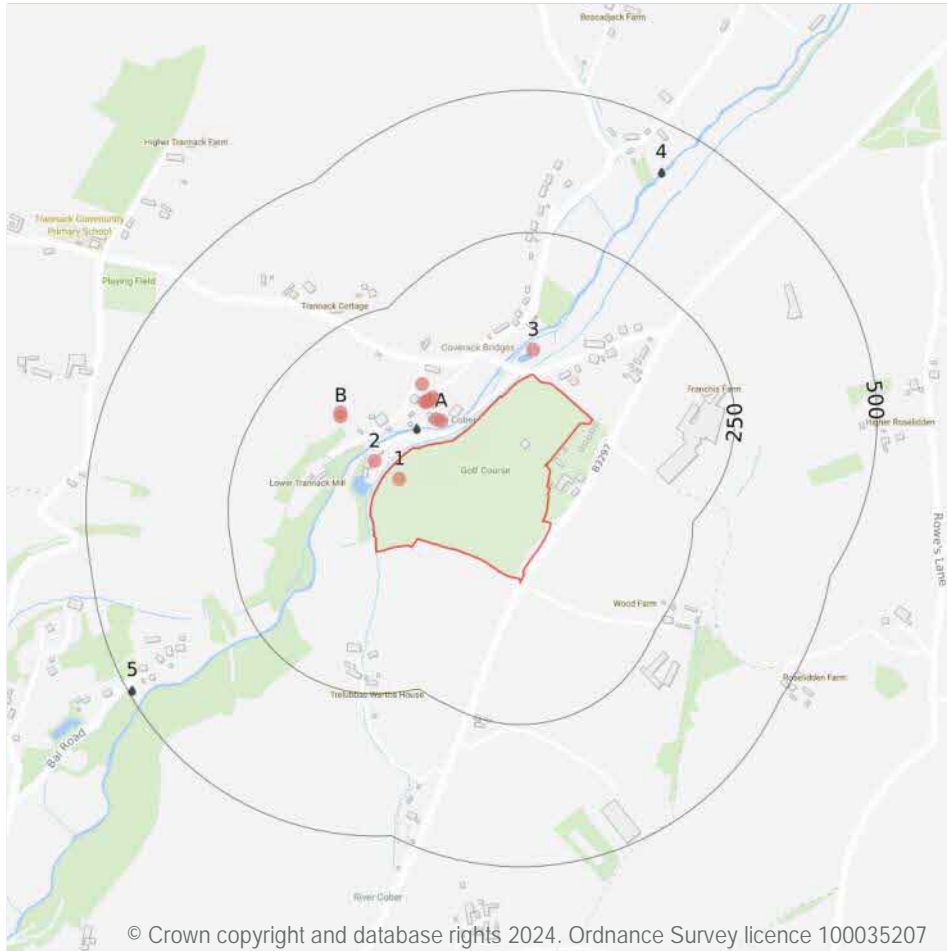


ID	Location	Site	Reference	Category	Sub-Category	Description
E	264m SE	Wood Farm, Trevenen Bal, Helston, Tr13 0pt	WEX019447	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Treating waste exemption	Agricultural waste only	Cleaning, washing, spraying or coating relevant waste
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Using waste exemption	Agricultural waste only	Burning of waste as a fuel in a small appliance
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
F	417m N	Land At Boscadjack Helston Cornwall Tr13 0lx	EPR/FE5788SJ/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction

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

12

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 42](#) >

ID	Location	Company	Address	Activity	Category
1	On site	Trelubbas Quarry (Disused)	Cornwall, TR13	Unspecified Quarries Or Mines	Extractive Industries
2	29m W	Works	Cornwall, TR13	Unspecified Works Or Factories	Industrial Features

ID	Location	Company	Address	Activity	Category
A	38m NW	Paul Hoskin-abstract Arcs	Unit 3 Trannack Mill, Coverack Bridges, Helston, Cornwall, TR13 0LX	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
A	43m NW	A P Brown Drilling Supplies	2, Trannack Mill Industrial Estate, Coverack Bridges, Cornwall, TR13 0SW	Civil Engineers	Engineering Services
3	44m N	Wheal Dream	Cornwall, TR13	Unspecified Quarries Or Mines	Extractive Industries
A	76m NW	T M C Gate & Garage Doors	6b, Trannack Mill Industrial Estate, Coverack Bridges, Cornwall, TR13 0SW	Fences, Gates and Railings	Industrial Products
A	77m NW	Sixprint	7, Trannack Mill Industrial Estate, Coverack Bridges, Cornwall, TR13 0SW	Published Goods	Industrial Products
A	78m NW	Trysail Ltd	8a, Trannack Mill Industrial Estate, Coverack Bridges, Cornwall, TR13 0SW	Boat Hiring Services	Hire Services
A	82m NW	Vision Arts Pewter	Unit 10 Trannack Mill, Coverack Bridges, Helston, Cornwall, TR13 0LX	Jewellery, Gems, Clocks and Watches	Consumer Products
A	107m NW	Industrial Estate	Cornwall, TR13	Business Parks and Industrial Estates	Industrial Features
B	126m NW	Trannack Quarry (Granite)	Cornwall, TR13	Stone Quarrying and Preparation	Extractive Industries
B	130m NW	Trannack Quarry	Cornwall, TR13	Unspecified Quarries Or Mines	Extractive Industries

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
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

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

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0
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Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0
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Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

0

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

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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



4.13 Licensed Discharges to controlled waters

Records within 500m

3

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991. Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Address	Details	
A	33m NW	TRANNACK MILLS, COVERACK BRIDGES, HELSTON, CORNWALL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: NRA-SW-2184 Permit Version: 1 Receiving Water: RIVER COBER	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/10/1990 Effective Date: 10/10/1990 Revocation Date: -
4	418m NE	THE MILLERS HOUSE, BOSCADJACK MILL, COVERACK BRIDGES, HELSTON, CORNWALL, TR13 0PB	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 302430 Permit Version: 1 Receiving Water: RIVER COBER	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 24/04/2002 Effective Date: 24/04/2002 Revocation Date: 11/02/2003
5	492m SW	VIADUCT VILLA, LOWERTOWN, HELSTON, CORNWALL	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 300983 Permit Version: 1 Receiving Water: SOAKAWAY	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 16/12/1999 Effective Date: 01/06/1999 Revocation Date: 18/02/2000

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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



4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

0

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

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

4.19 Pollution inventory substances

Records within 500m

0

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

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

4.20 Pollution inventory waste transfers

Records within 500m

0

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

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



4.21 Pollution inventory radioactive waste

Records within 500m

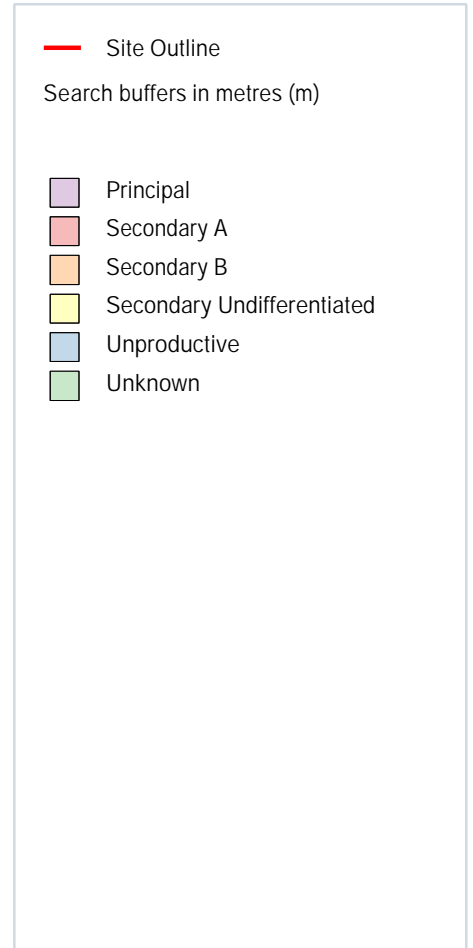
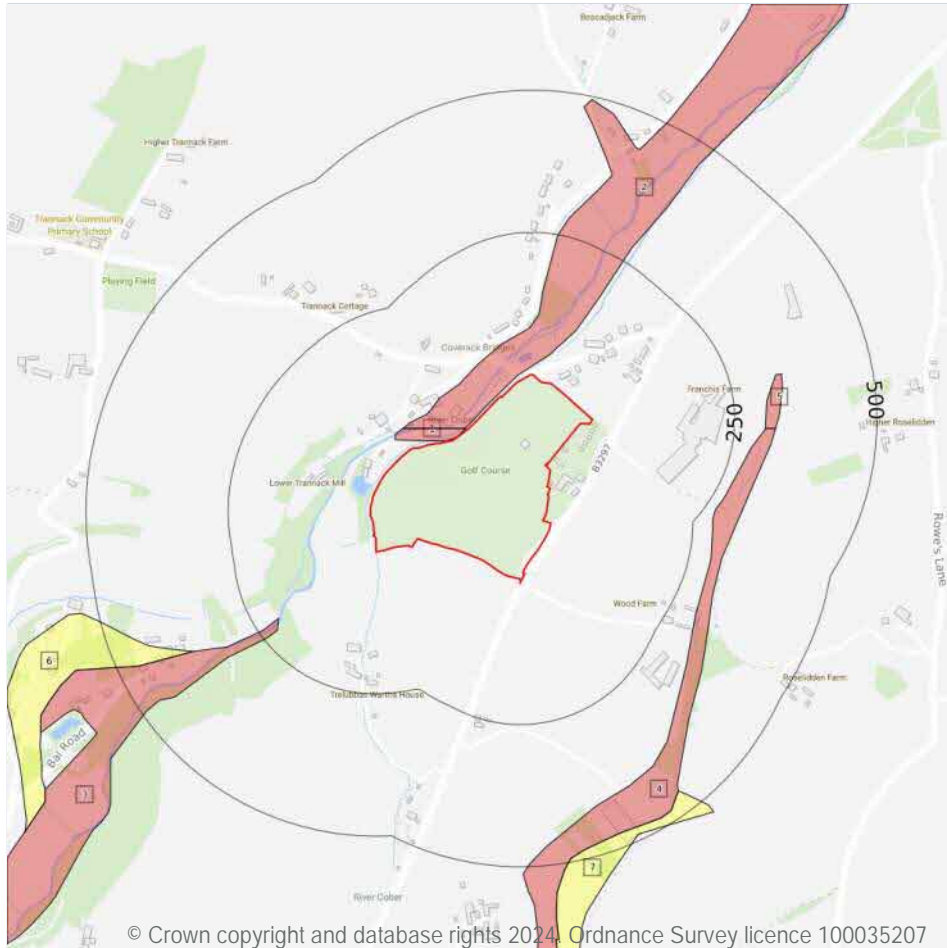
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

7

Aquifer status of groundwater held within superficial geology.

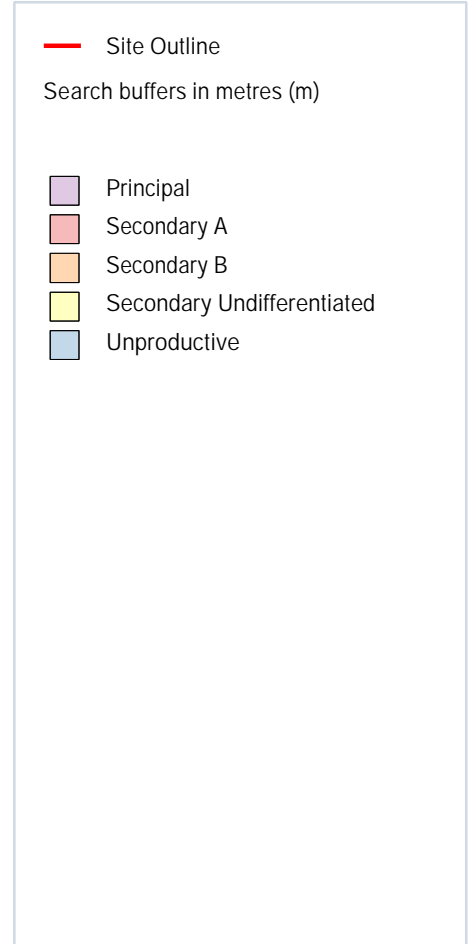
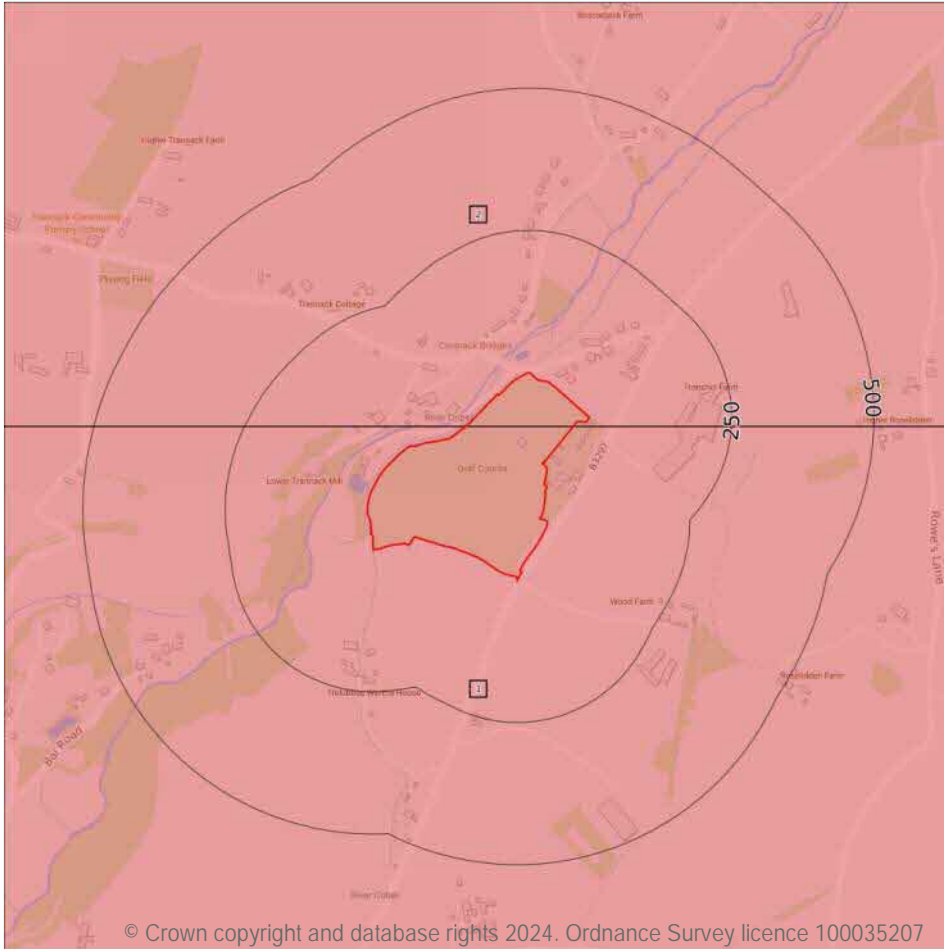
Features are displayed on the Hydrogeology map on [page 49 >](#)

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	4m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

ID	Location	Designation	Description
3	208m SW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	268m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	305m 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
6	366m SW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
7	460m SE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

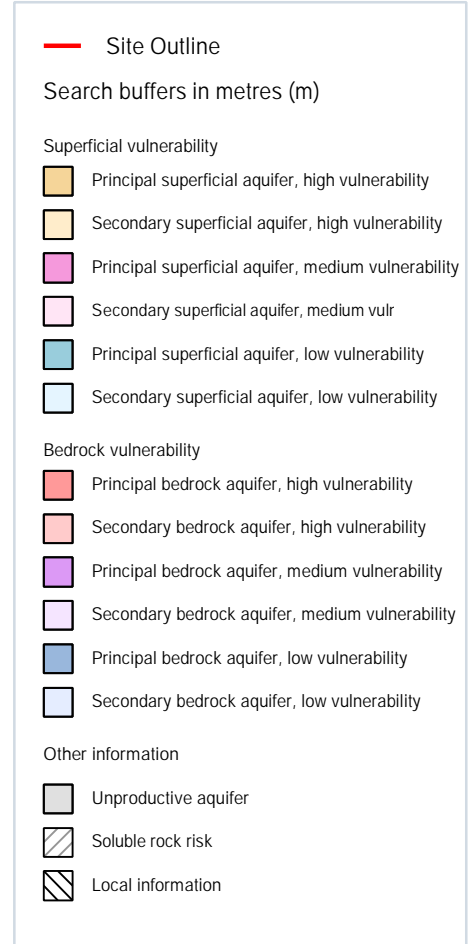
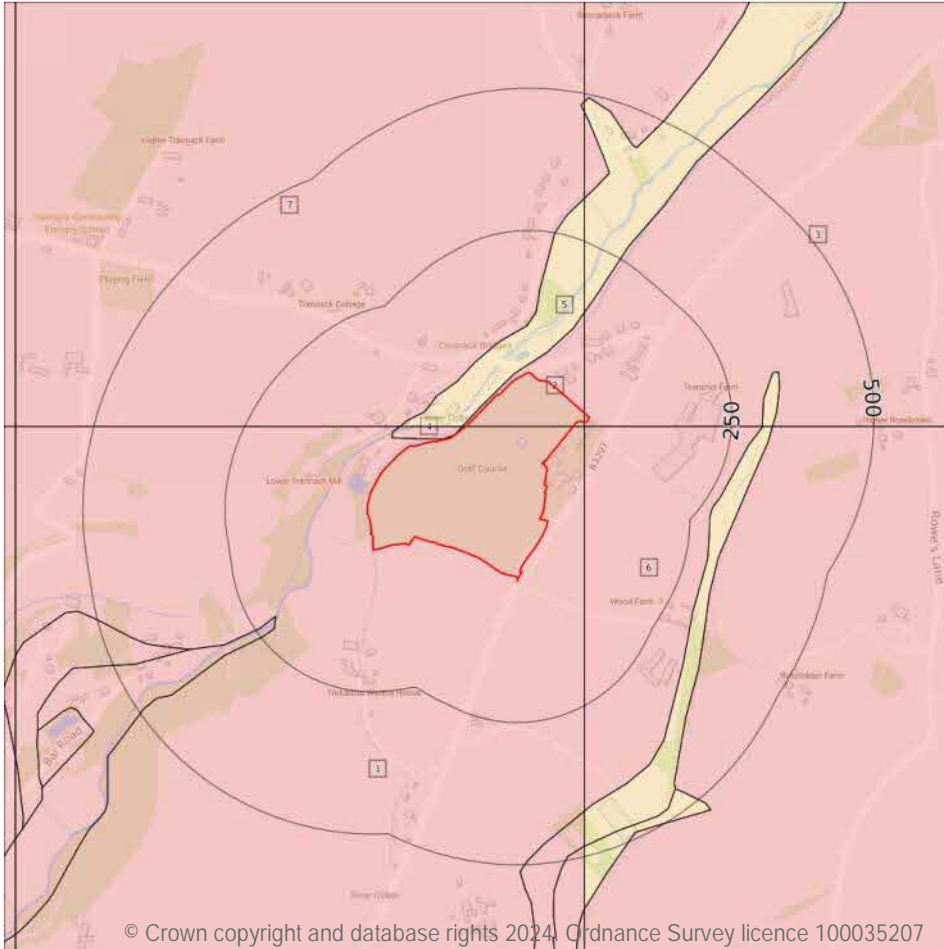
Features are displayed on the Bedrock aquifer map on [page 51](#) >

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

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

7

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 53 >](#)

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >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
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
5	3m N	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
6	7m NE	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
7	38m NW	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

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



5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

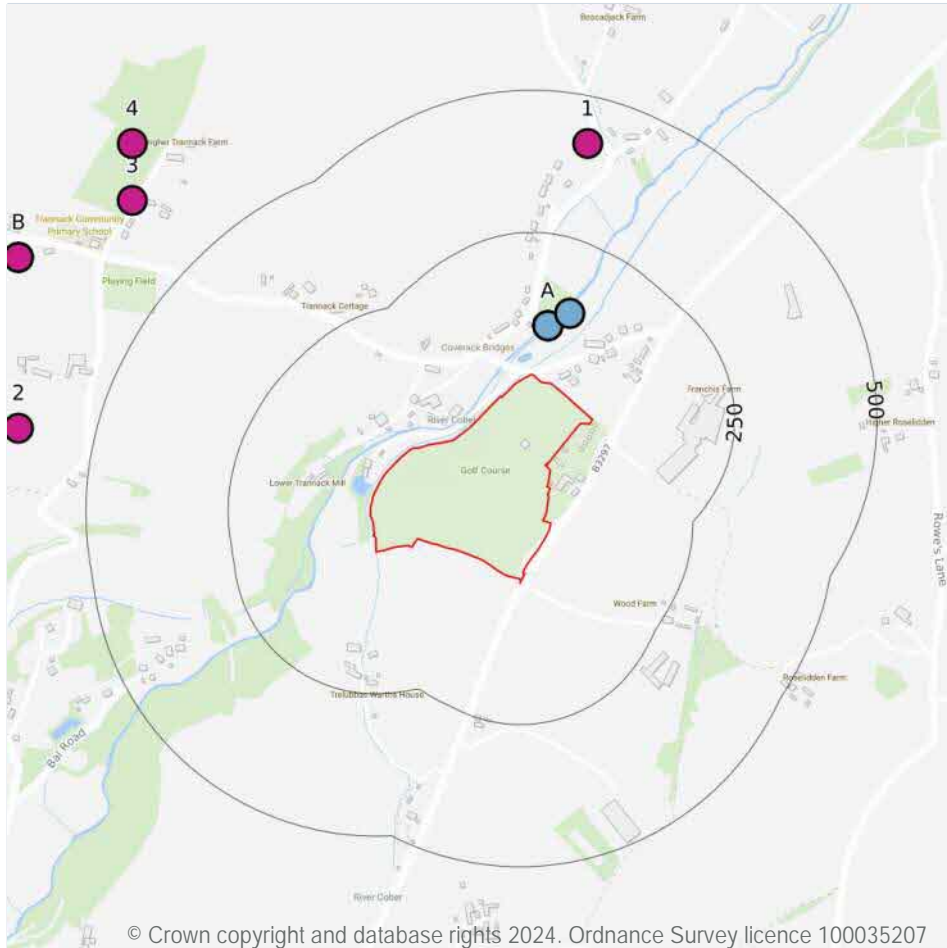
0

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

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



Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m 29

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 56 >](#)

ID	Location	Details	
1	416m N	Status: Historical Licence No: 15/48/232/G/055 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: BOSCADJACK FARM - WELL A Data Type: Point Name: Lawrance Easting: 167000 Northing: 30500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 31/12/1965 Version End Date: -
2	634m W	Status: Historical Licence No: 15/48/232/G/098 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: TRANNACK FARM - WELL A Data Type: Point Name: Dunstan Easting: 166000 Northing: 30000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
3	652m NW	Status: Historical Licence No: 15/48/232/G/053 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: PROSPECT FARM - WELL Data Type: Point Name: Nicholls Easting: 166200 Northing: 30400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/04/1969 Expiry Date: - Issue No: 100 Version Start Date: 02/03/1998 Version End Date: -
4	725m NW	Status: Historical Licence No: 15/48/232/G/103 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HIGHER TRANNACK FARM - WELL A Data Type: Point Name: Brown Easting: 166200 Northing: 30500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/06/1966 Expiry Date: - Issue No: 101 Version Start Date: 09/03/2001 Version End Date: -
B	748m NW	Status: Historical Licence No: 15/48/232/G/054 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: PROSPECT FARM - WELL B Data Type: Point Name: Nicholls Easting: 166000 Northing: 30300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 02/03/1998 Version End Date: -



ID	Location	Details	
B	748m NW	Status: Historical Licence No: 15/48/232/G/054 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "BOREHOLE @ PROSPECT FARM, SITHNEY" Data Type: Point Name: Croft Easting: 166000 Northing: 30300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 11/11/2002 Version End Date: -
B	748m NW	Status: Historical Licence No: 15/48/232/G/054 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: BOREHOLE @ PROSPECT FARM, SITHNEY Data Type: Point Name: Croft Easting: 166000 Northing: 30300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 11/11/2002 Version End Date: -
-	969m NW	Status: Historical Licence No: 15/48/232/G/050 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WHEAL MOUNT FARM - WELL A Data Type: Point Name: Richards Easting: 166200 Northing: 30800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/09/1966 Version End Date: -
-	1080m N	Status: Historical Licence No: 15/48/232/G/006 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: LOWER BOSCADJACK FARM - WELL A Data Type: Point Name: Steel Easting: 167300 Northing: 31100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 20/10/1987 Version End Date: -
-	1080m N	Status: Historical Licence No: 15/48/232/G/051 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: LOWER BOSCADJACK FARM - WELL B Data Type: Point Name: Thomas Easting: 167300 Northing: 31100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 31/12/1965 Version End Date: -

ID	Location	Details	
-	1211m NE	Status: Historical Licence No: 15/48/232/G/021 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: LITTLE BOSCADJACK FARM - WELL A Data Type: Point Name: Thomas Easting: 167400 Northing: 31200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 31/12/1965 Version End Date: -
-	1322m E	Status: Historical Licence No: 15/48/231/G/079 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "CRAHAN FARM, WENDRON - WELL" Data Type: Point Name: Kivell Easting: 168300 Northing: 30300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 31/12/1965 Version End Date: -
-	1322m E	Status: Historical Licence No: 15/48/231/G/079 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CRAHAN FARM, WENDRON - WELL Data Type: Point Name: Kivell Easting: 168300 Northing: 30300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 24/03/2005 Version End Date: -
-	1362m NW	Status: Historical Licence No: 15/49/026/G/163 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HIGHER CARGENWEN FARM - WELL A Data Type: Point Name: Williams Easting: 166100 Northing: 31200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1468m NW	Status: Historical Licence No: 15/48/232/G/121 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: TREGATHENAN FARM - BOREHOLE A Data Type: Point Name: Johns Easting: 165400 Northing: 30700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/03/1988 Expiry Date: - Issue No: 100 Version Start Date: 02/03/1988 Version End Date: -



ID	Location	Details	
-	1759m NE	Status: Historical Licence No: 15/48/232/G/096 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: TRENAR FARM - WELL A Data Type: Point Name: Lawrence Easting: 168100 Northing: 31400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1824m NE	Status: Historical Licence No: 15/48/231/G/127 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "WINDMILL FARM, WENDRON - WELL A" Data Type: Point Name: Bray Easting: 168700 Northing: 30700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1824m NE	Status: Historical Licence No: 15/48/231/G/127 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: WINDMILL FARM, WENDRON - WELL A Data Type: Point Name: Bray Easting: 168700 Northing: 30700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1826m NE	Status: Historical Licence No: 15/48/232/G/108 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: BODERLOGGAN FARM - SPRING A Data Type: Point Name: Jenkin Easting: 168200 Northing: 31400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/07/1979 Expiry Date: - Issue No: 100 Version Start Date: 25/07/1979 Version End Date: -
-	1831m S	Status: Historical Licence No: 15/48/231/G/228 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - Fresh Point: "GWEALMAYOWE PARK, HELSTON - BOREHOLE" Data Type: Point Name: Cowell Easting: 166800 Northing: 27900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/11/1987 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1987 Version End Date: -



ID	Location	Details	
-	1831m S	Status: Historical Licence No: 15/48/231/G/228 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "GWEALMAYOWE PARK, HELSTON - BOREHOLE" Data Type: Point Name: Cowell Easting: 166800 Northing: 27900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/11/1987 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1987 Version End Date: -
-	1831m S	Status: Historical Licence No: 15/48/231/G/228 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: GWEALMAYOWE PARK, HELSTON - BOREHOLE Data Type: Point Name: Cowell Easting: 166800 Northing: 27900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/11/1987 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1987 Version End Date: -
-	1831m S	Status: Historical Licence No: 15/48/231/G/228 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - Fresh Point: GWEALMAYOWE PARK, HELSTON - BOREHOLE Data Type: Point Name: Cowell Easting: 166800 Northing: 27900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/11/1987 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1987 Version End Date: -
-	1884m N	Status: Historical Licence No: 15/48/232/G/068 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "LONGSTONE FARM, TRENEAR - BOREHOLE A" Data Type: Point Name: Lawrence Easting: 166100 Northing: 31800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1884m N	Status: Historical Licence No: 15/48/232/G/068 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: LONGSTONE FARM, TRENEAR - BOREHOLE A Data Type: Point Name: Lawrence Easting: 166100 Northing: 31800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -



ID	Location	Details	
-	1955m NE	Status: Historical Licence No: 15/48/231/G/146 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "HIGHER MANHAY FARM, WENDRON - BOREHOLE A" Data Type: Point Name: Ellsley Easting: 168800 Northing: 30800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 09/12/2002 Version End Date: -
-	1955m NE	Status: Historical Licence No: 15/48/231/G/146 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: HIGHER MANHAY FARM, WENDRON - BOREHOLE A Data Type: Point Name: Ellsley Easting: 168800 Northing: 30800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 09/12/2002 Version End Date: -
-	1973m NE	Status: Historical Licence No: 15/48/232/G/061 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CHENALL FARM OF CRELLY Data Type: Point Name: Coulston Easting: 167700 Northing: 31900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 31/03/1966 Version End Date: -
-	1996m N	Status: Historical Licence No: 15/48/232/G/083 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: CRELLY BARTON FARM - WELL A Data Type: Point Name: Coulston Easting: 167500 Northing: 32000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 24/03/2005 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

12

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 56 >](#)

ID	Location	Details	
A	89m NE	Status: Historical Licence No: 15/48/232/S/023 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: "TRELUBBAS WARTHA, WENDRON" Data Type: Point Name: Western Hydro Ltd Easting: 166930 Northing: 30180	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/07/1995 Expiry Date: - Issue No: 101 Version Start Date: 09/07/1999 Version End Date: -
A	89m NE	Status: Historical Licence No: 15/48/232/S/023 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: TRELUBBAS WARTHA, WENDRON Data Type: Point Name: Western Hydro Ltd Easting: 166930 Northing: 30180	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/07/1995 Expiry Date: - Issue No: 101 Version Start Date: 09/07/1999 Version End Date: -
A	89m NE	Status: Historical Licence No: 15/48/232/S/027 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: TRELUBBAS WARTHA, WENDRON Data Type: Point Name: Western Hydro Ltd Easting: 166930 Northing: 30180	Annual Volume (m ³): 14832432 Max Daily Volume (m ³): 58752 Original Application No: - Original Start Date: 01/05/2005 Expiry Date: 30/04/2006 Issue No: 101 Version Start Date: 01/05/2005 Version End Date: -
A	89m NE	Status: Historical Licence No: 15/48/232/S/028 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: TRELUBBAS WARTHA, WENDRON Data Type: Point Name: Western Hydro Ltd Easting: 166930 Northing: 30180	Annual Volume (m ³): 14832432 Max Daily Volume (m ³): 58752 Original Application No: - Original Start Date: 01/05/2006 Expiry Date: 31/03/2010 Issue No: 102 Version Start Date: 23/04/2008 Version End Date: -



ID	Location	Details	
A	89m NE	Status: Historical Licence No: SW/048/0232/001 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: TRELUBBAS WARTHA, WENDRON Data Type: Point Name: Western Hydro Ltd Easting: 166930 Northing: 30180	Annual Volume (m ³): 14832432 Max Daily Volume (m ³): 58752 Original Application No: - Original Start Date: 01/04/2010 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/04/2010 Version End Date: -
A	126m NE	Status: Active Licence No: SW/048/0232/001/R01 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: TRELUBBAS WARTHA, WENDRON Data Type: Point Name: Western Hydro Ltd Easting: 166969 Northing: 30203	Annual Volume (m ³): 14832432 Max Daily Volume (m ³): 58752 Original Application No: NPS/WR/028655 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 16/05/2018 Version End Date: -
A	126m NE	Status: Historical Licence No: SW/048/0232/001 Details: Hydroelectric Power Generation Direct Source: Surface Water - Fresh Point: TRELUBBAS WARTHA, WENDRON Data Type: Point Name: Western Hydro Ltd Easting: 166969 Northing: 30203	Annual Volume (m ³): 14832432 Max Daily Volume (m ³): 58752 Original Application No: - Original Start Date: 01/04/2010 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 01/04/2010 Version End Date: -
-	1079m NE	Status: Active Licence No: 15/48/232/S/014 Details: Potable Water Supply - Direct Direct Source: Surface Water - Fresh Point: R COBER AT WENDRON Data Type: Point Name: South West Water Services Ltd Easting: 167500 Northing: 31000	Annual Volume (m ³): 3000000 Max Daily Volume (m ³): 12500 Original Application No: 11085 Original Start Date: 20/10/1980 Expiry Date: - Issue No: 100 Version Start Date: 14/10/1985 Version End Date: -
-	1217m NE	Status: Active Licence No: 15/48/232/S/012 Details: General Use Relating To Secondary Category (Very Low Loss) Direct Source: Surface Water - Fresh Point: RIVER COBER AT HELSTON Data Type: Point Name: Cornwall Council Easting: 167600 Northing: 31100	Annual Volume (m ³): 224007 Max Daily Volume (m ³): 795.56 Original Application No: NPS/WR/003431 Original Start Date: 30/06/1967 Expiry Date: - Issue No: 101 Version Start Date: 15/09/2010 Version End Date: -



ID	Location	Details	
-	1217m NE	Status: Historical Licence No: 15/48/232/S/012 Details: General Use Relating To Secondary Category (Very Low Loss) Direct Source: Surface Water - Fresh Point: SREETS WITHIN THE BOROUGH OF HELSTON Data Type: Point Name: Kerrier District Council Easting: 167600 Northing: 31100	Annual Volume (m ³): 224007 Max Daily Volume (m ³): 795.56 Original Application No: - Original Start Date: 30/06/1967 Expiry Date: - Issue No: 100 Version Start Date: 17/05/1978 Version End Date: -
-	1973m SE	Status: Active Licence No: 15/48/231/S/010 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: GRAMBLA FARM, WENDRON Data Type: Point Name: E & G Rowe Partnership Easting: 168500 Northing: 28600	Annual Volume (m ³): 5637 Max Daily Volume (m ³): 181.84 Original Application No: NPS/WR/024829 Original Start Date: 31/12/1965 Expiry Date: - Issue No: 103 Version Start Date: 17/11/2016 Version End Date: -
-	1973m SE	Status: Historical Licence No: 15/48/231/S/010 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: "GRAMBLA FARM, WENDRON" Data Type: Point Name: Symms Easting: 168500 Northing: 28600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 28/02/1996 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

1

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 56 >](#)



ID	Location	Details	
-	1079m NE	Status: Active Licence No: 15/48/232/S/014 Details: Potable Water Supply - Direct Direct Source: Surface Water - Fresh Point: R COBER AT WENDRON Data Type: Point Name: South West Water Services Ltd Easting: 167500 Northing: 31000	Annual Volume (m ³): 3000000 Max Daily Volume (m ³): 12500 Original Application No: 11085 Original Start Date: 20/10/1980 Expiry Date: - Issue No: 100 Version Start Date: 14/10/1985 Version End Date: -

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

5.9 Source Protection Zones

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

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

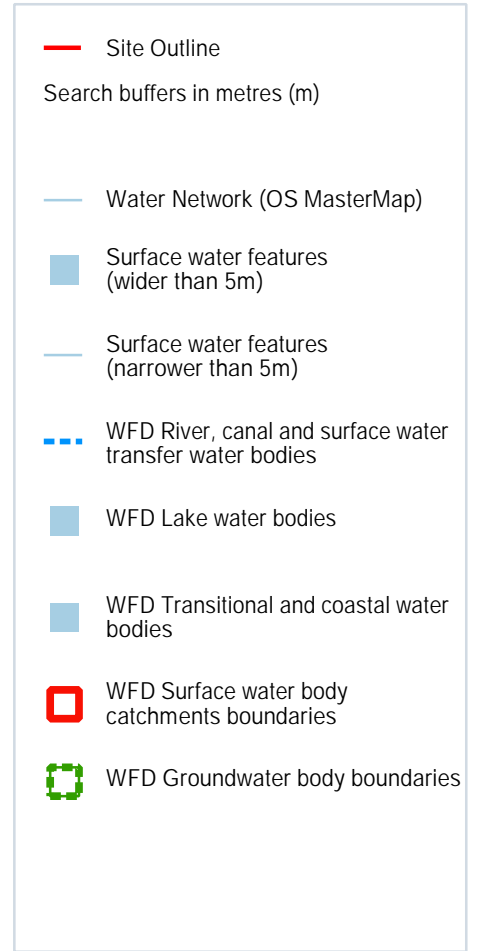
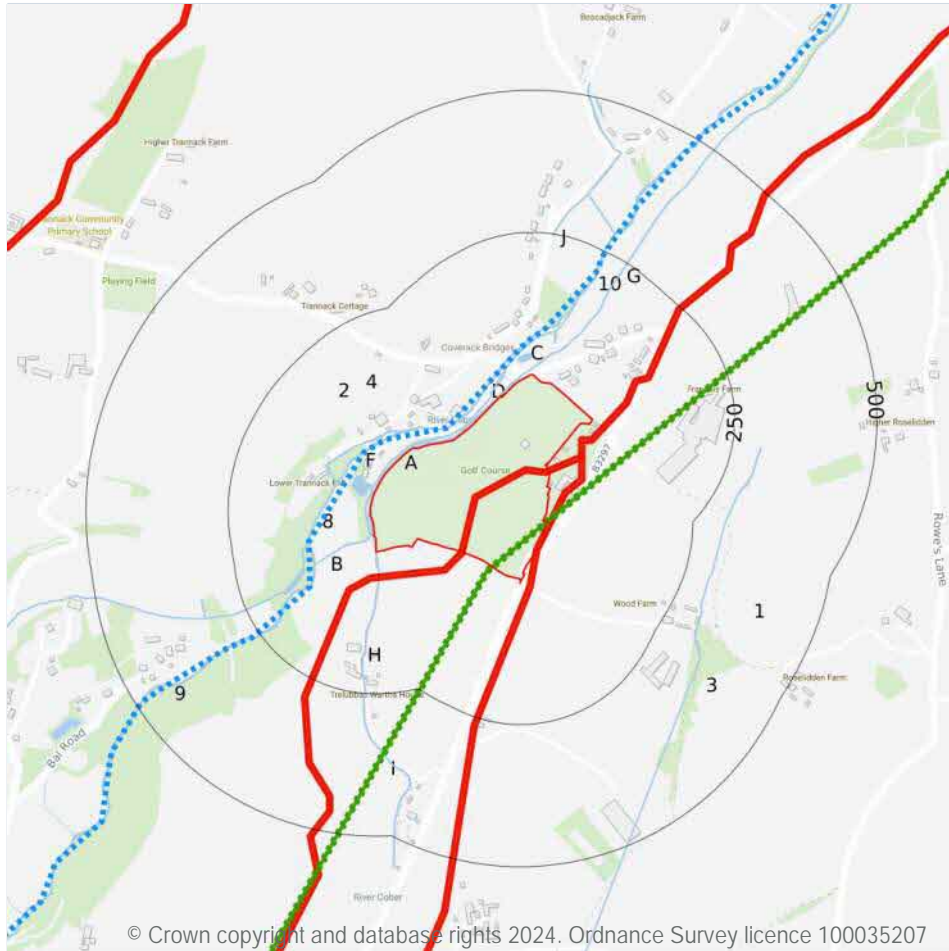
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

25

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

Features are displayed on the Hydrology map on [page 67](#) >

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

ID	Location	Type of water feature	Ground level	Permanence	Name
A	4m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	20m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
C	33m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	35m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
F	35m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	58m SW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
F	65m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
C	66m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	67m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
F	67m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	76m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
C	84m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	109m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober



ID	Location	Type of water feature	Ground level	Permanence	Name
9	110m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
B	114m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	127m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
B	129m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	129m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	165m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	River Cober
I	170m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Cober
B	178m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	186m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
B	201m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	246m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

20

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 67 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

3

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 67 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Helford River	GB108048001820	Cober and Lizard	Cornwall West and the Fal
2	On site	River	Upper River Cober	GB108048001171	Cober and Lizard	Cornwall West and the Fal
B	On site	River	Lower River Cober	GB108048001172	Cober and Lizard	Cornwall West and the Fal

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

6.4 WFD Surface water bodies

Records identified

3

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 67 >](#)



ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
7	23m NW	River	Upper River Cober	GB108048001171 ↗	Moderate	Fail	Moderate	2019
-	661m S	River	Helford River	GB108048001820 ↗	Moderate	Fail	Moderate	2019
-	1068m SW	River	Lower River Cober	GB108048001172 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	2
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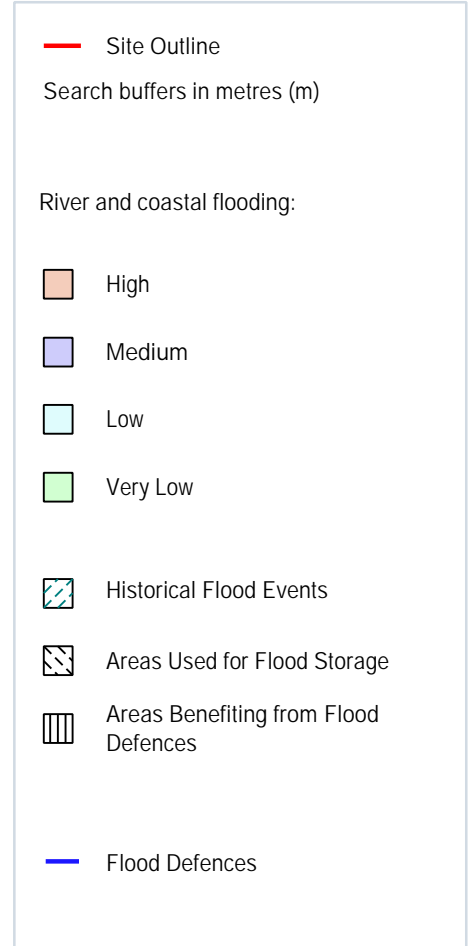
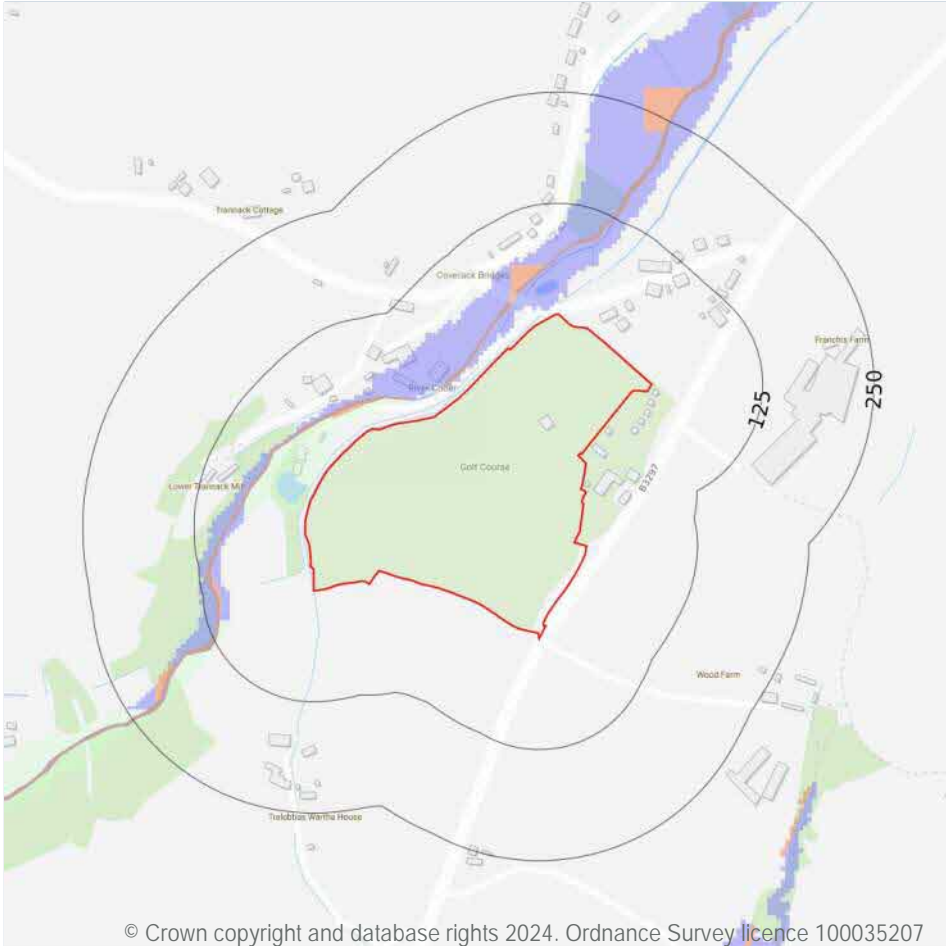
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 67](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
3	On site	South Cornwall	GB40802G800200 ↗	Poor	Poor	Good	2019
4	On site	West Cornwall	GB40802G800100 ↗	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

8

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

Features are displayed on the River and coastal flooding map on [page 72 >](#)

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

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

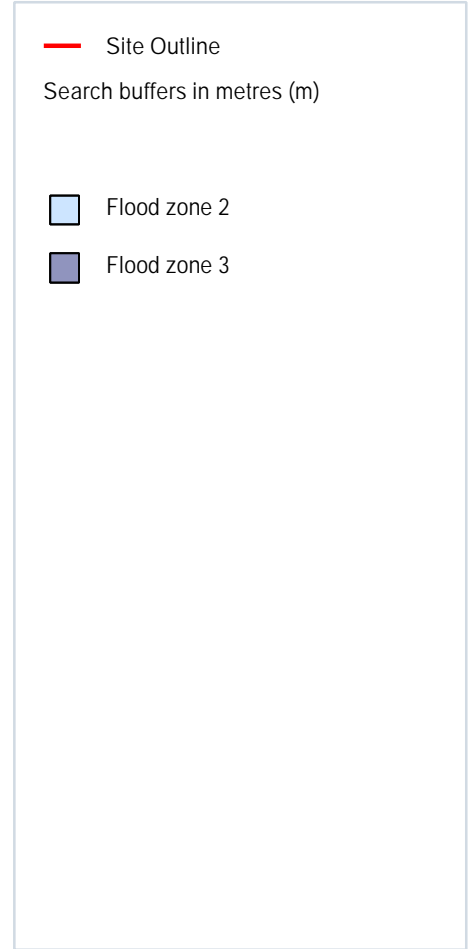
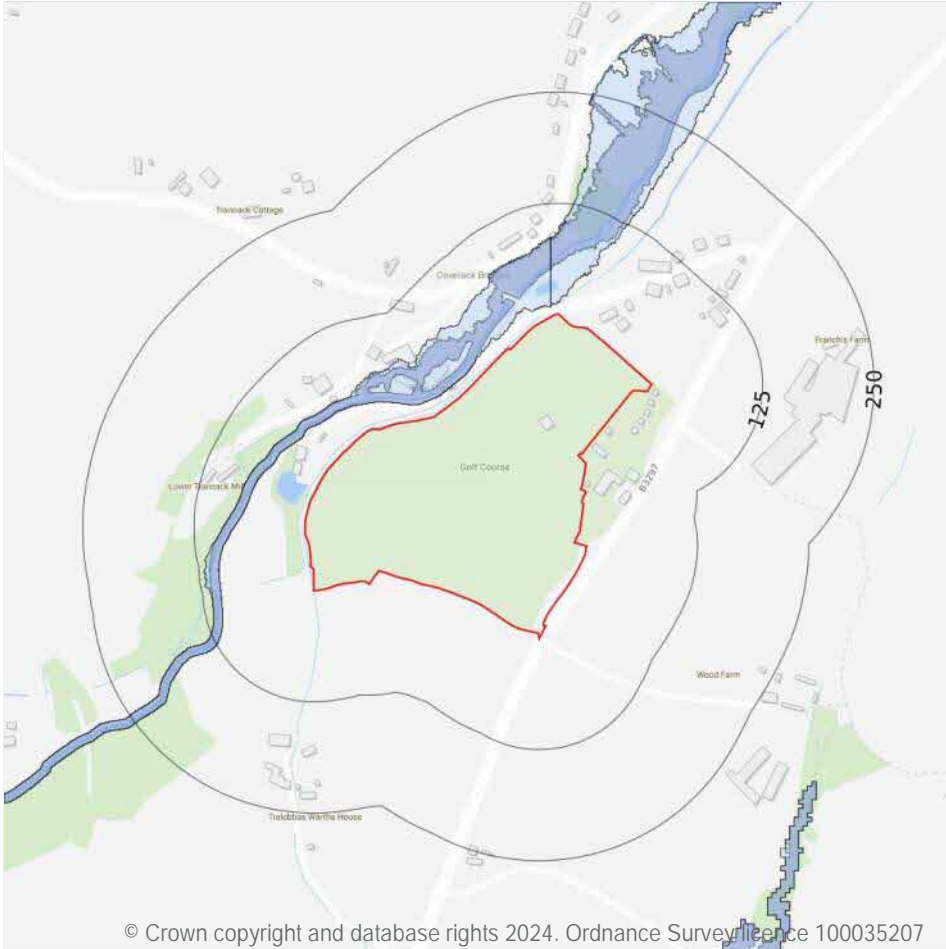
Records within 250m	0
---------------------	---

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

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on [page 72 >](#)

Location	Type
10m N	Zone 2 - (Fluvial /Tidal Models)

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

7.7 Flood Zone 3

Records within 50m

1

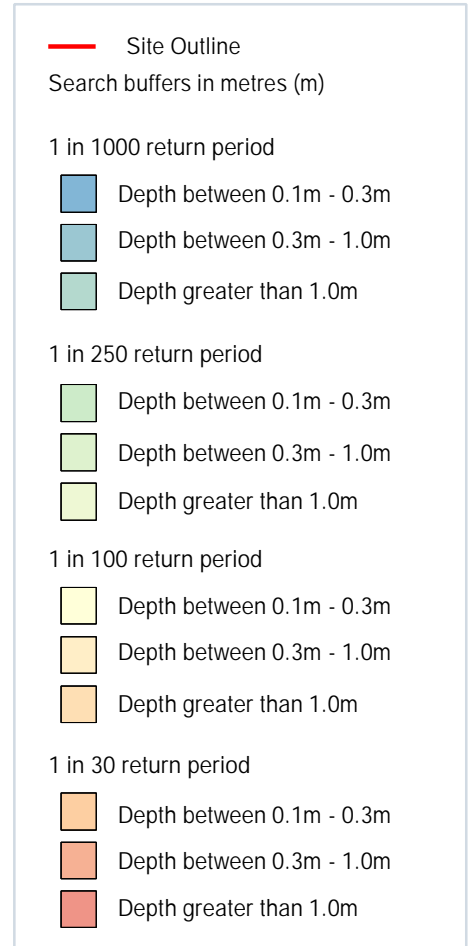
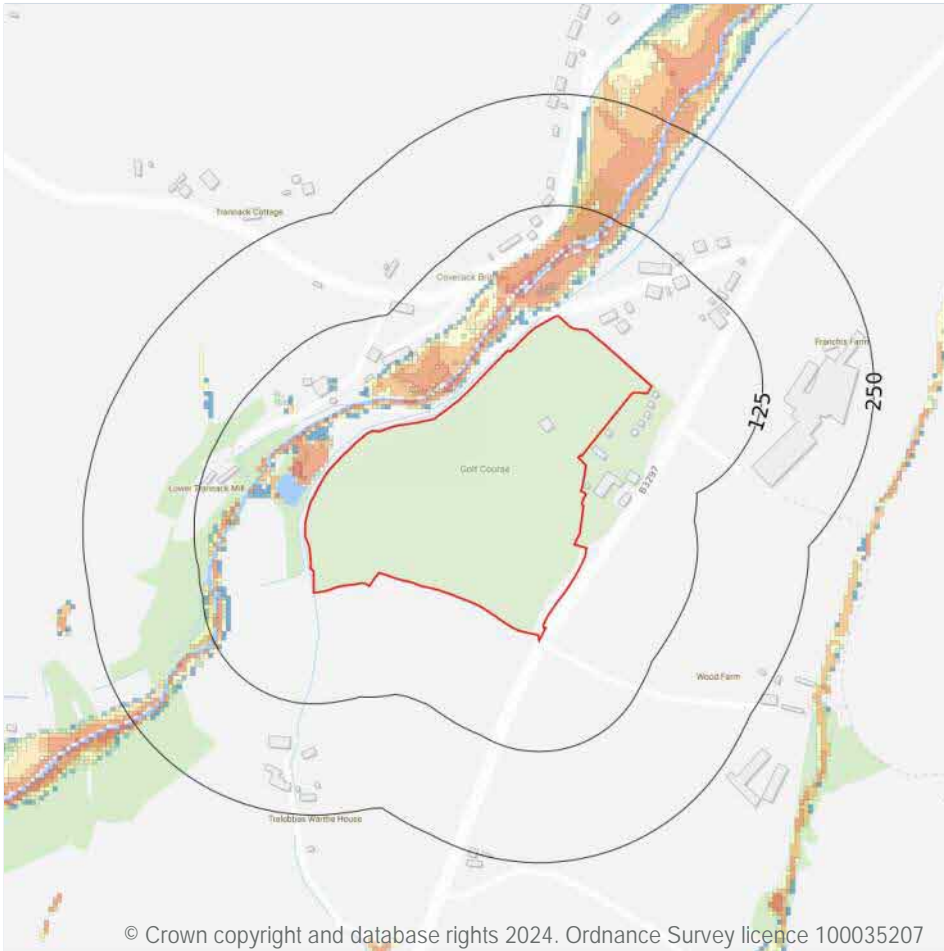
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 72 >](#)

Location	Type
13m N	Zone 3 - (Fluvial Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on [page 76 >](#)

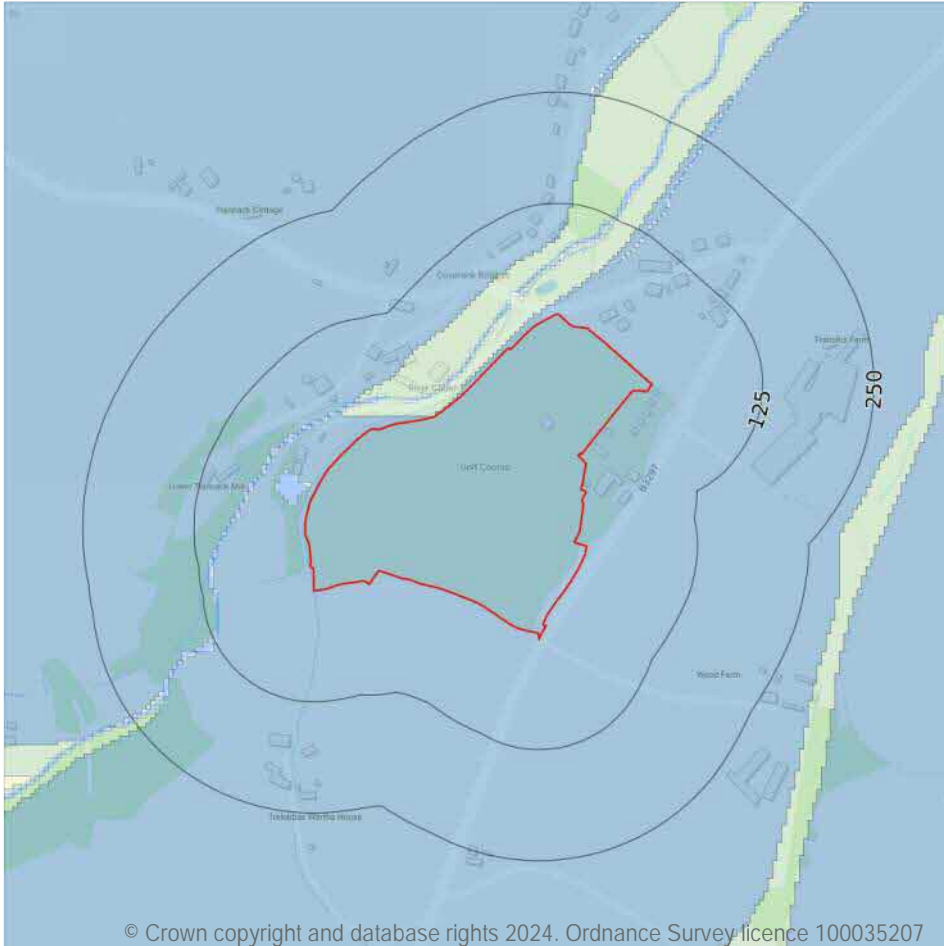
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

Low

Highest risk within 50m

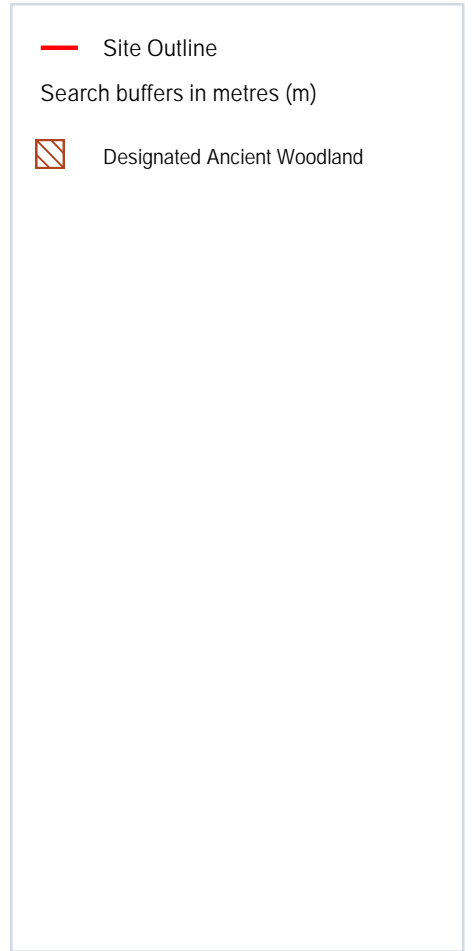
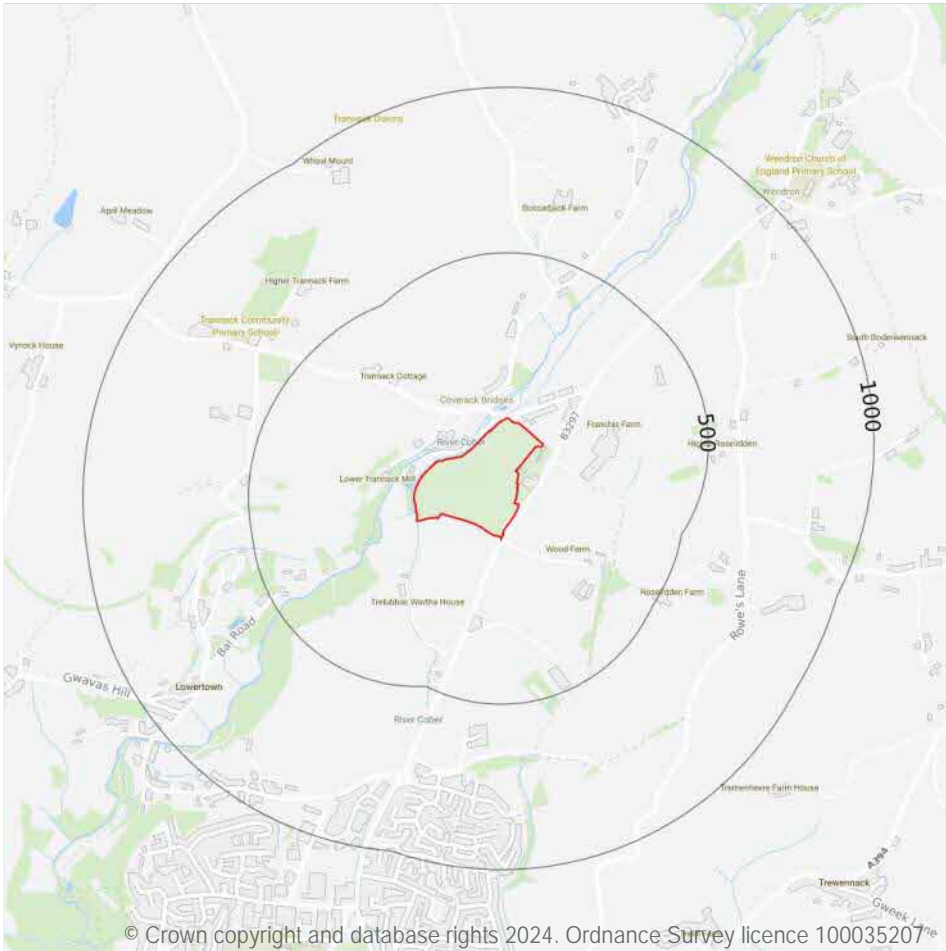
Low

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 78 >](#)

This data is sourced from Ambient Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 79 >](#)

ID	Location	Name	Woodland Type
-	1615m W	Unknown	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

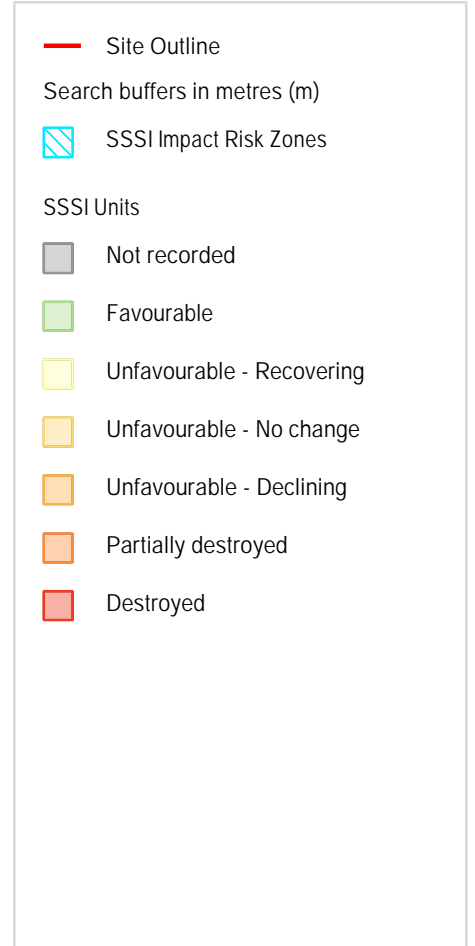
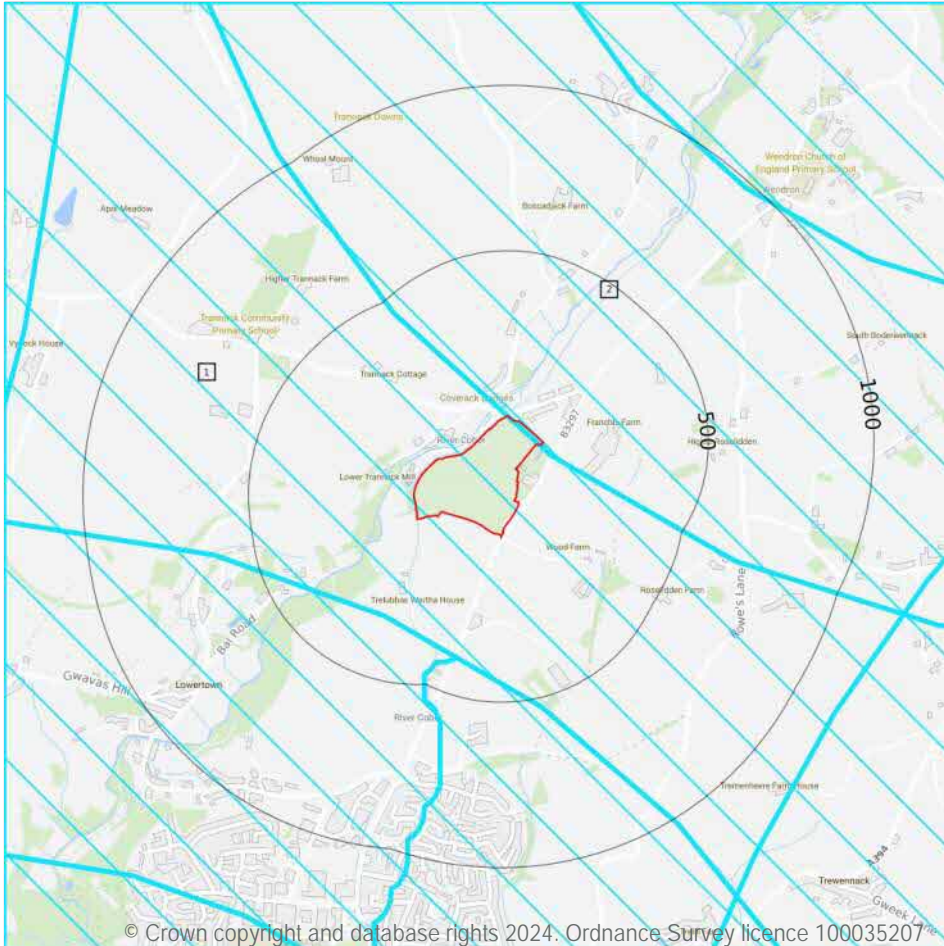
2

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

Location	Name	Type	NVZ ID	Status
On site	The Loe Eutrophic lake NVZ	Eutrophic Water	110	Existing
722m NW	COBER NVZ	Surface Water	694	Existing

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

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

2

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on [page 84](#) >

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>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.</p>
2	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.</p> <p>Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>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.</p>

This data is sourced from Natural England.

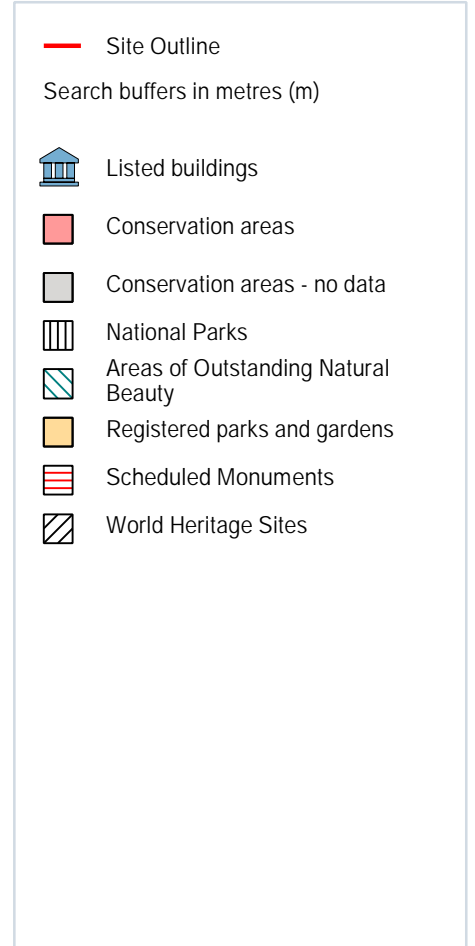
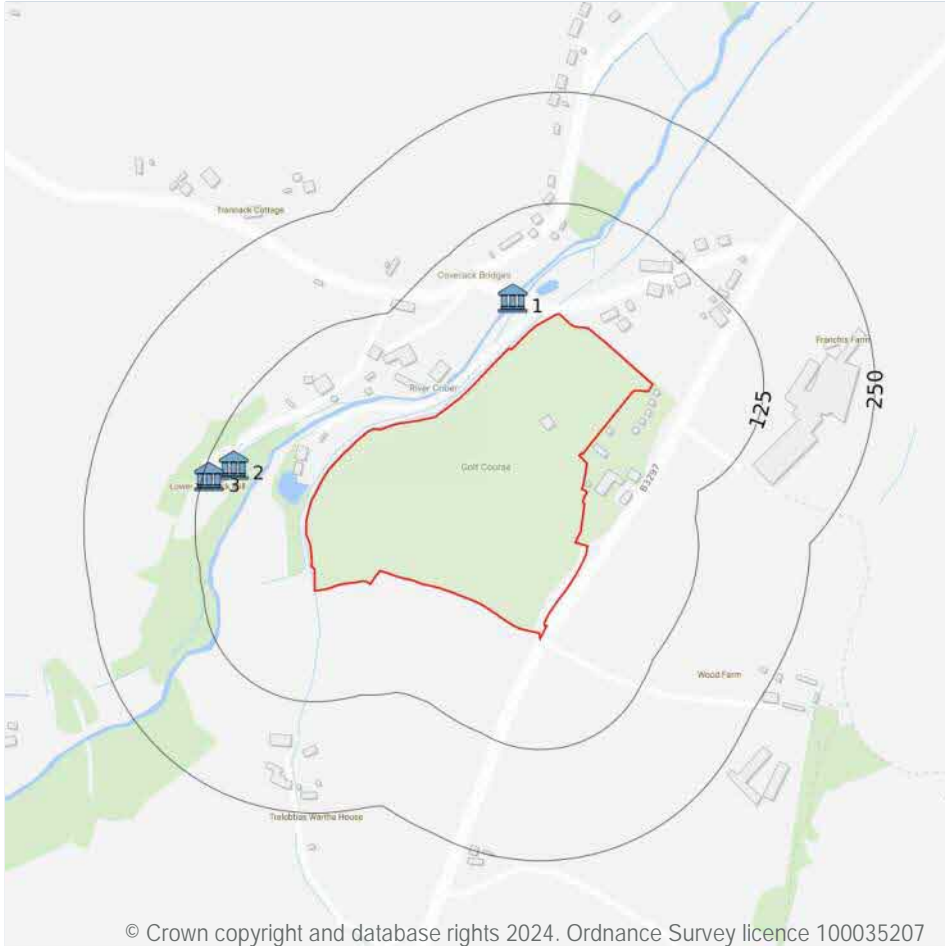
10.18 SSSI Units

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

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

11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

3

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

Features are displayed on the Visual and cultural designations map on [page 86 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	41m N	Bridge At Sw688301	II	1328384	26/08/1987
2	97m W	Trannack Mill	II	1142175	26/08/1987
3	118m W	Trannack Mill Cottage, Including Wall And Bollards To The Front	II	1310279	26/08/1987

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



11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

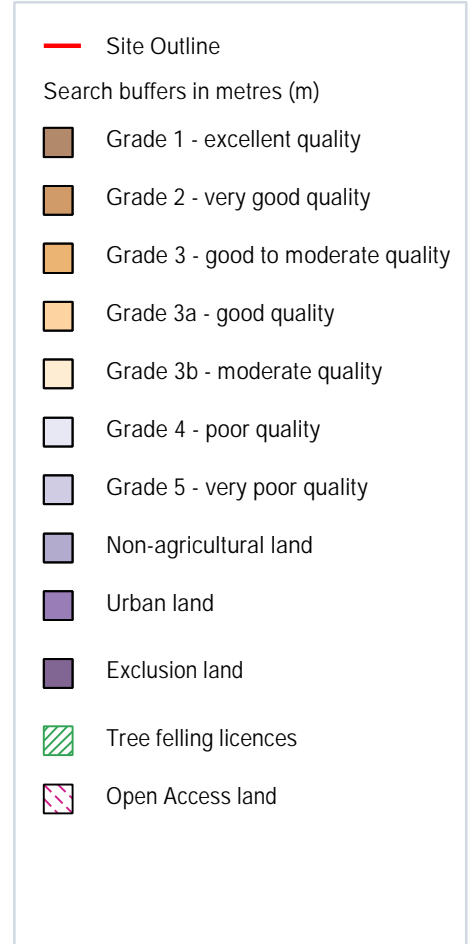
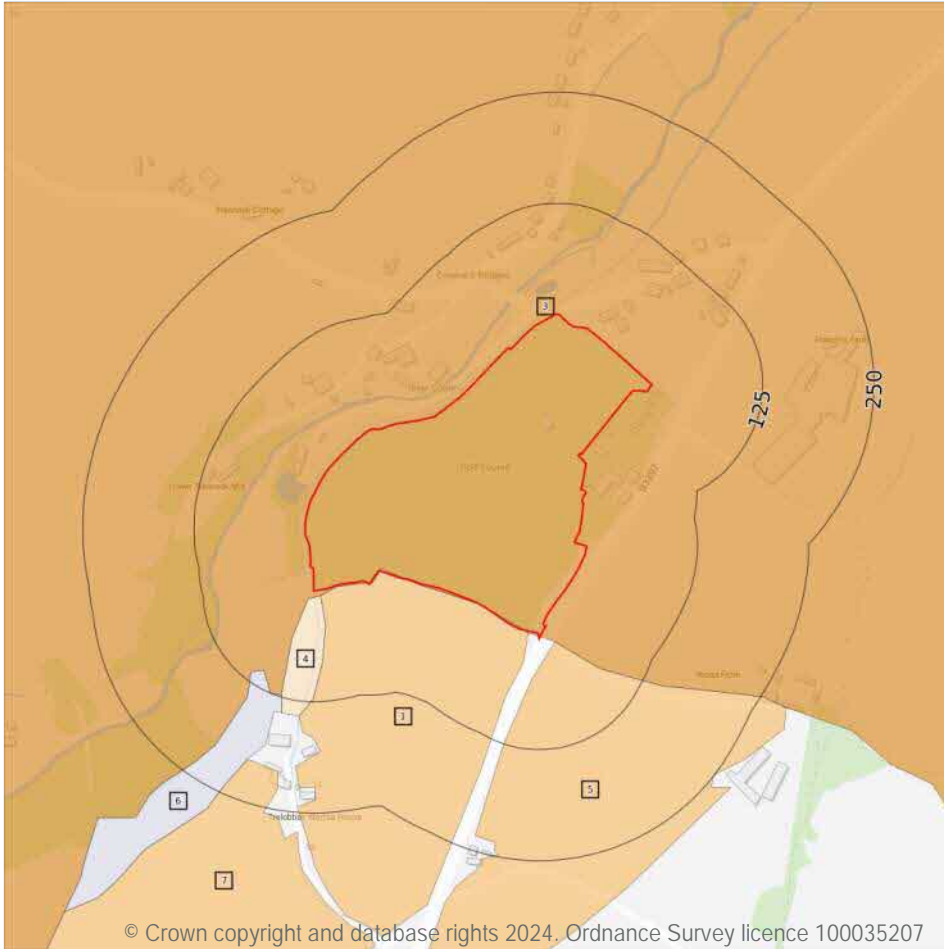
0

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

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



12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m

6

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 89](#) >

ID	Location	Classification	Description
1	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

ID	Location	Classification	Description
3	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.
4	6m SW	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
5	17m SE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
6	106m SW	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
7	203m SW	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.



12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

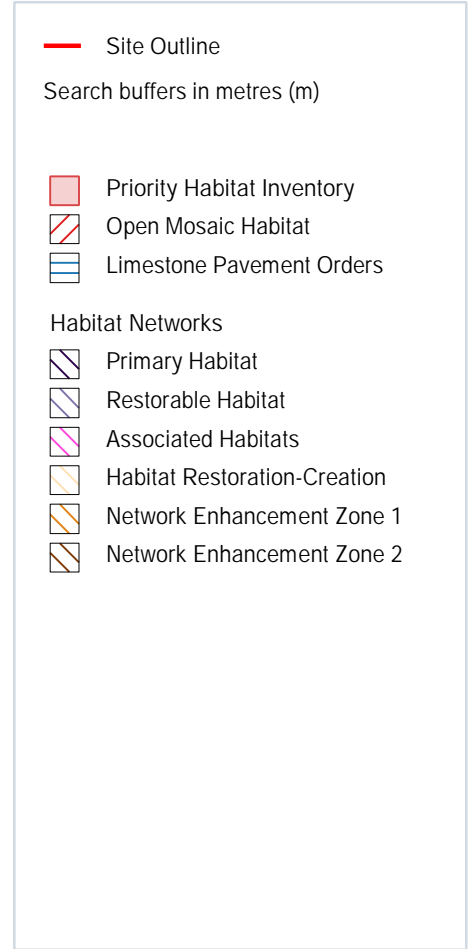
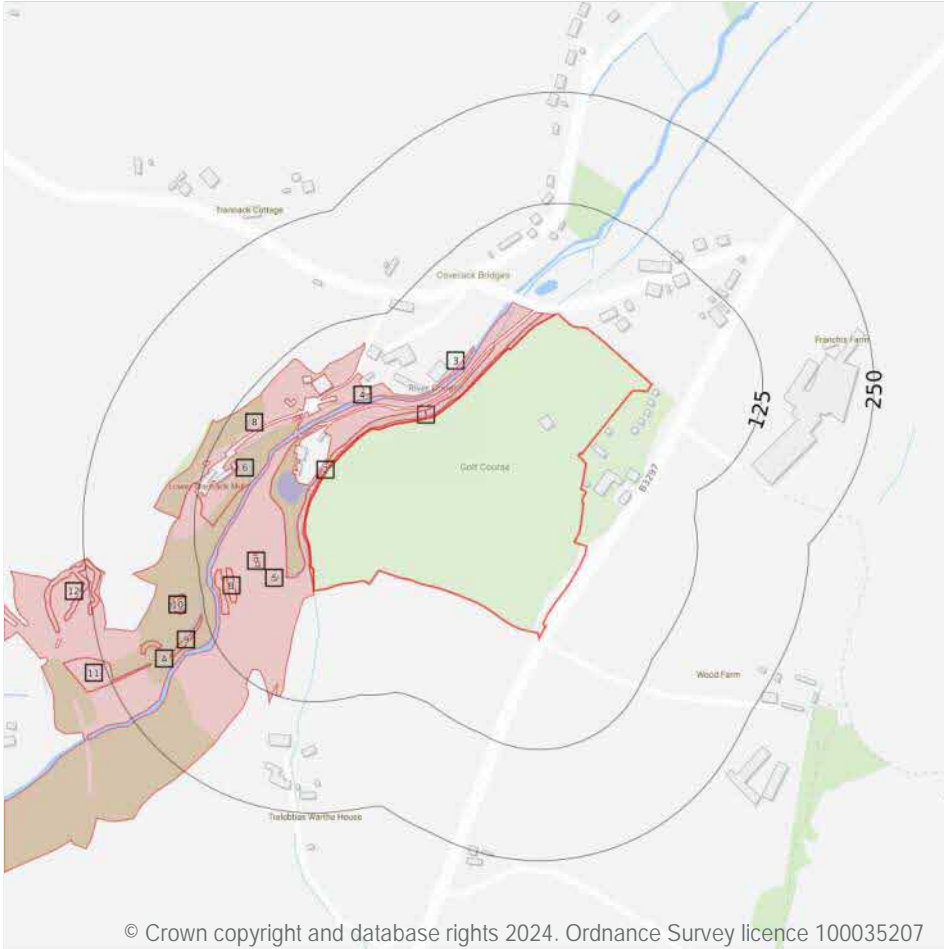
6

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

Location	Reference	Scheme	Start Date	End Date
8m NE	651678	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023
14m SE	651678	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023
14m S	651678	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023
57m E	651678	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023
145m NE	651678	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023
249m S	649822	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023

This data is sourced from Natural England.

13 Habitat designations



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13.1 Priority Habitat Inventory

Records within 250m

16

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 92](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	5m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	14m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
4	22m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	38m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	56m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	57m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	60m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	87m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	98m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	129m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	145m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	182m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	201m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	233m W	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

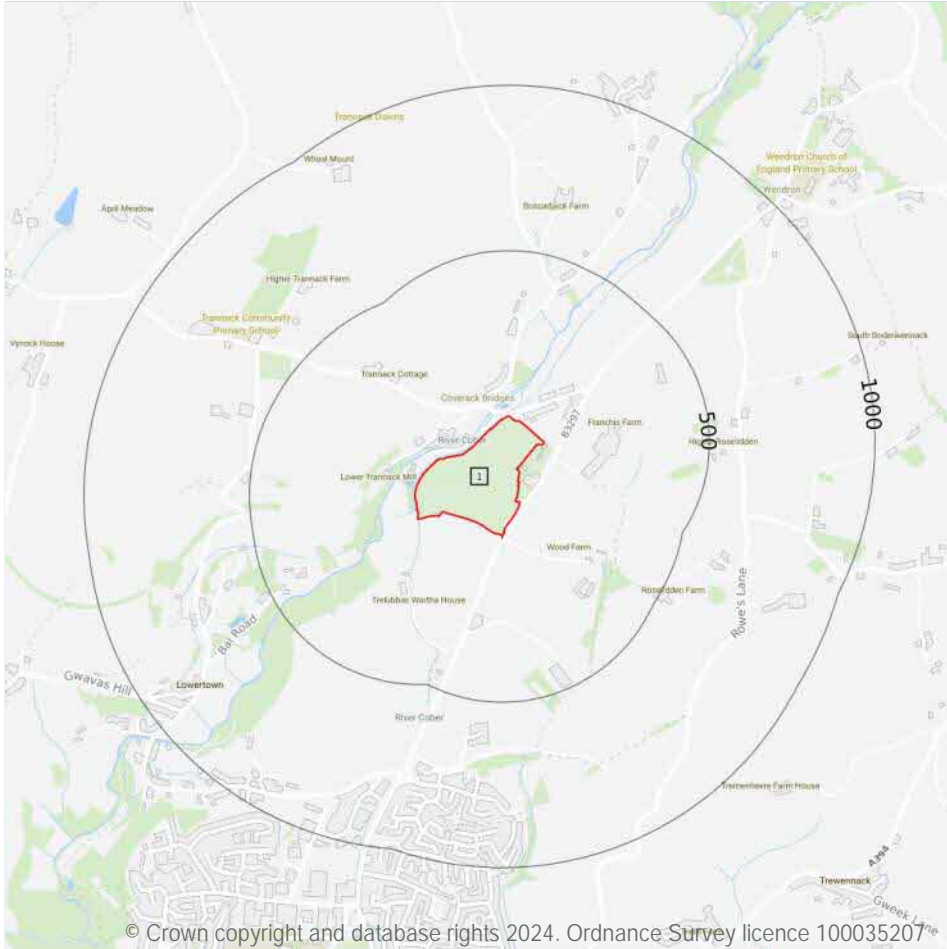
0

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 95 >](#)

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

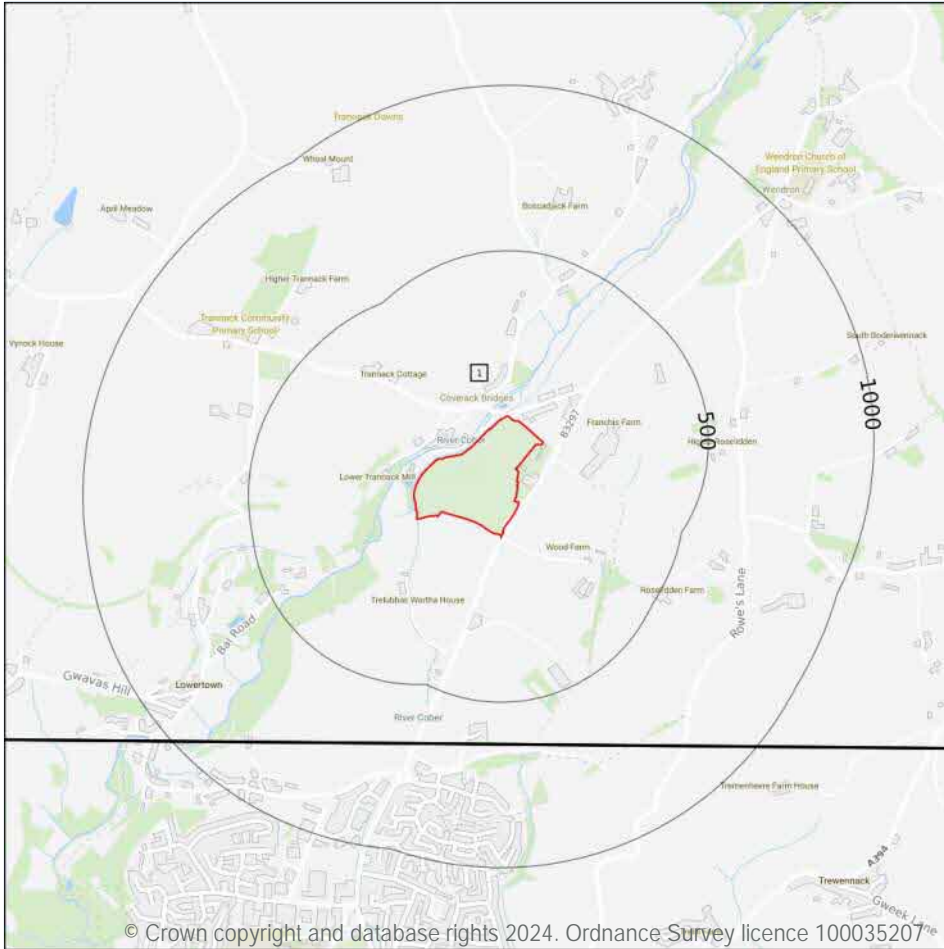
0

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 99](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW352_falmouth_v4

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

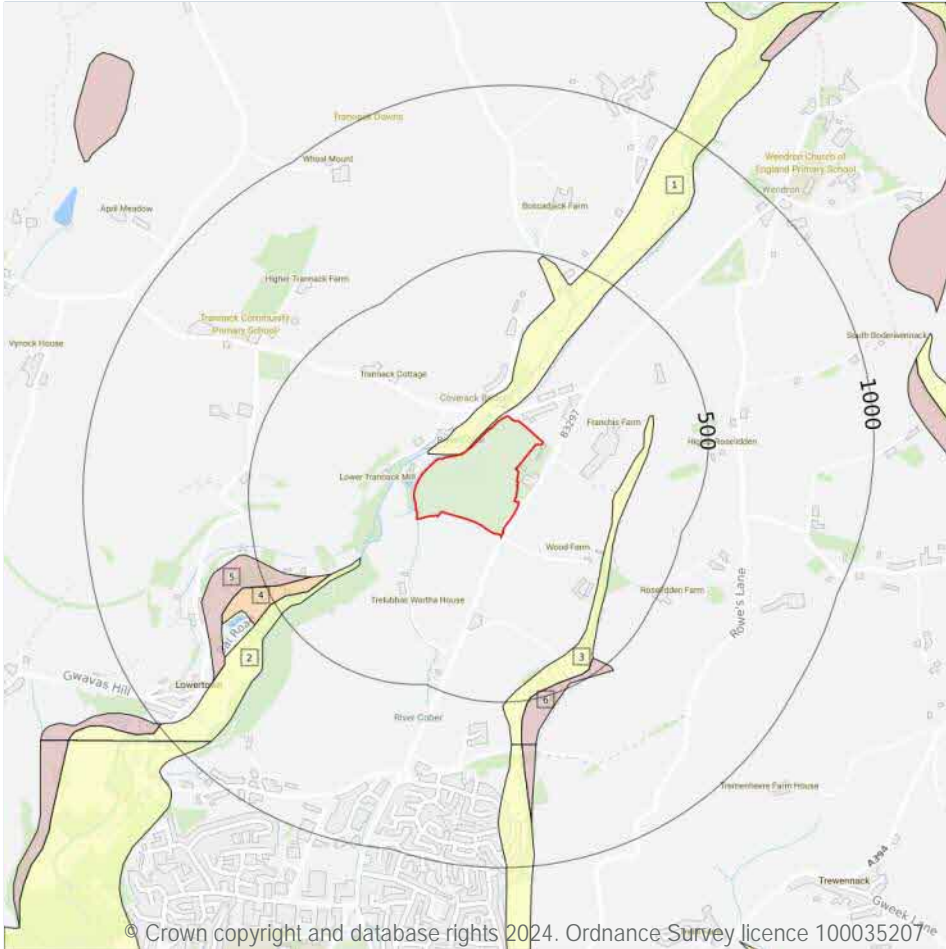
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
- Landslip (50k)
- Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

6

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 101](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	208m SW	ALV-XC ZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	268m E	ALV-XCZSV	ALLUMUM	CLAY, SILT, SAND AND GRAVEL
4	311m SW	R7DU-X SV	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
5	366m SW	HEAD- XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
6	460m SE	HEAD- XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m **2**

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

Location	Flow type	Maximum permeability	Minimum permeability
0m NW	Intergranular	High	Very Low
4m N	Intergranular	High	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m **0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

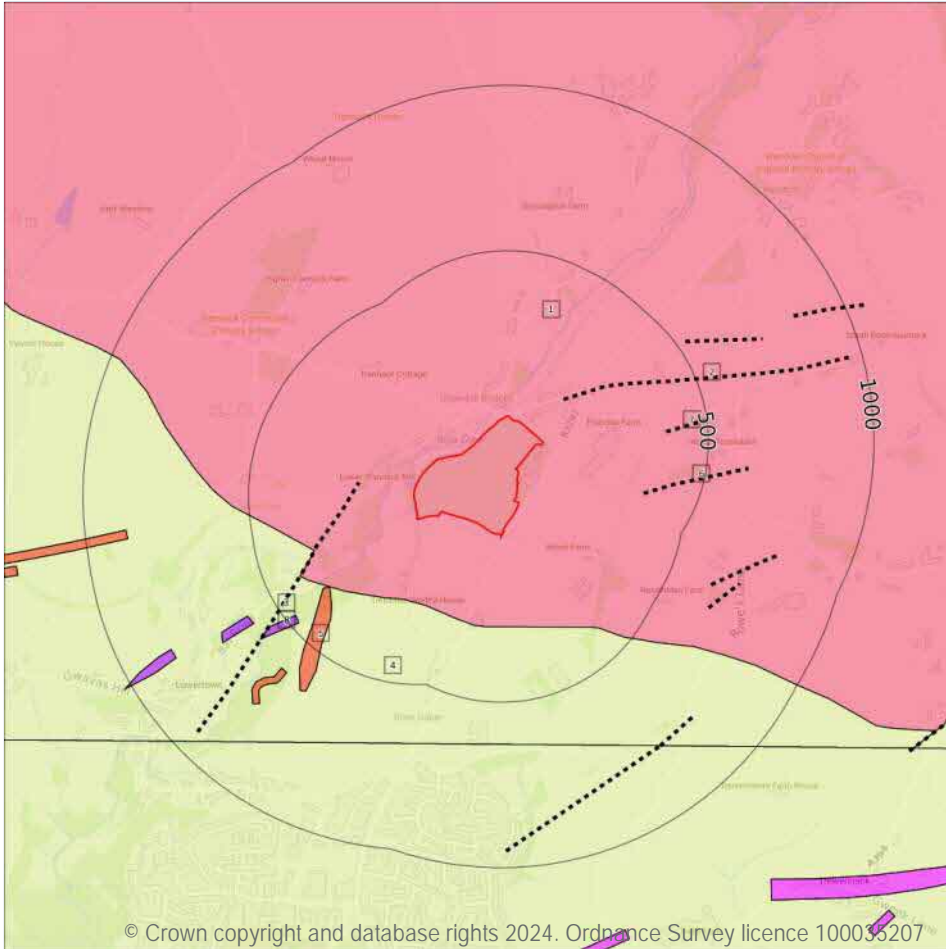
15.7 Landslip permeability (50k)

Records within 50m **0**

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- - - Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

4

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 103](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CAIN-GN	CARNMENELLIS INTRUSION - GRANITE	-
4	246m SW	M RSL-HSSL	MYLOR SLATE FORMATION - HORNFELED SLATE AND HORNFELED SILTSTONE	FRASNIAN
5	335m SW	CAIN-MCGNA	CARNMENELLIS INTRUSION - MICROGRANITE, APLITIC	-

ID	Location	LEX Code	Description	Rock age
8	469m SW	UIID-MGMG	UNNAMED IGNEOUS INTRUSION, DEVONIAN - METAGABBRO AND METAMICROGABBRO	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	2
---------------------------	----------

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Moderate	Low
On site	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	4
----------------------------	----------

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 103](#) >

ID	Location	Category	Description
2	138m NE	MINERAL_VEIN	Mineral vein, inferred
3	170m W	FAULT	Fault, inferred, displacement unknown
6	341m E	MINERAL_VEIN	Mineral vein, inferred
7	374m E	MINERAL_VEIN	Mineral vein, inferred

This data is sourced from the British Geological Survey.



16 Boreholes

16.1 BGS Boreholes

Records within 250m

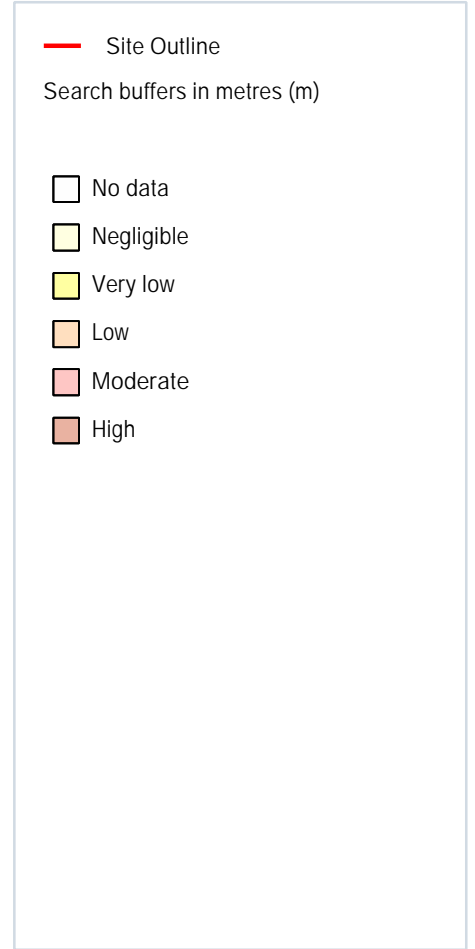
0

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.

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

4

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 106 >](#)

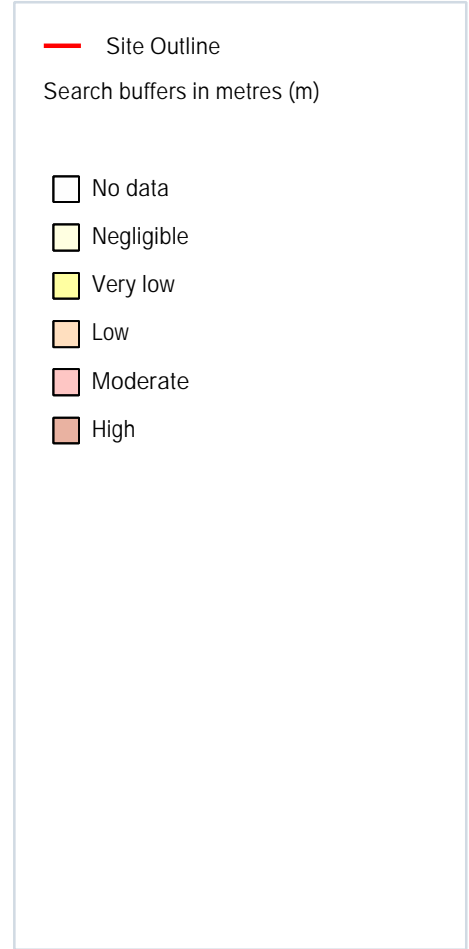
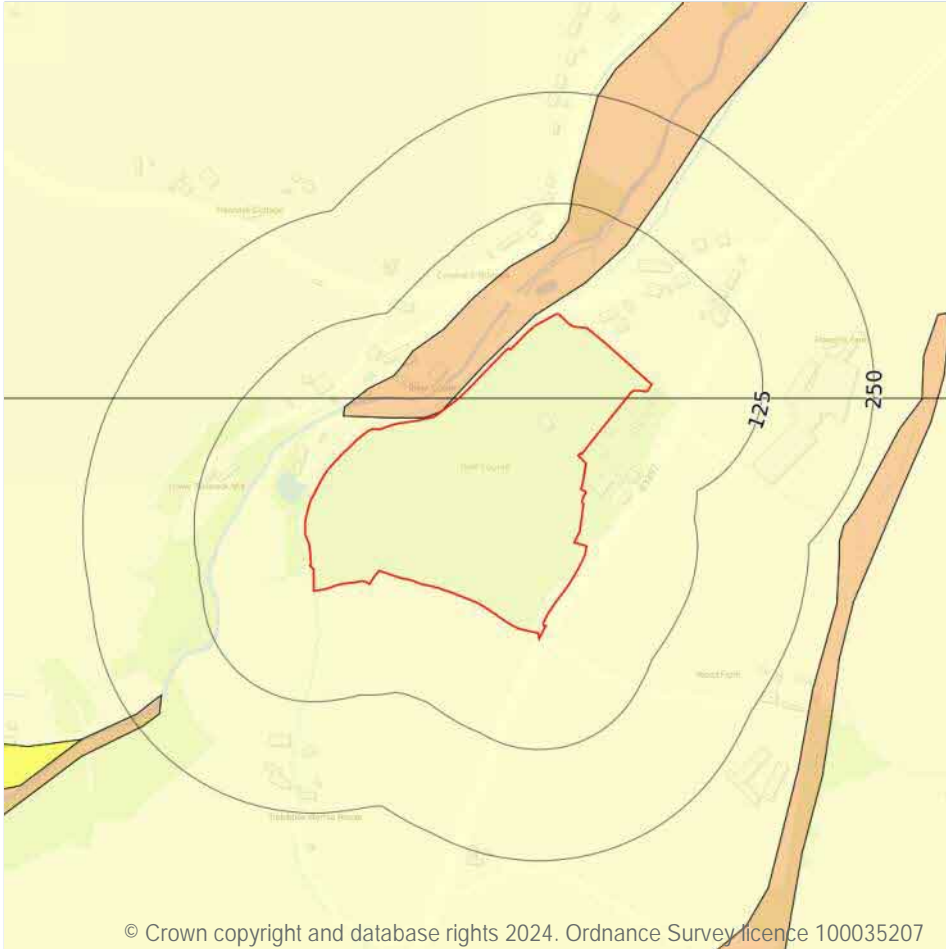
Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
4m N	Very low	Ground conditions predominantly low plasticity.

Location	Hazard rating	Details
39m NW	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



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17.2 Running sands

Records within 50m

4

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 108](#) >

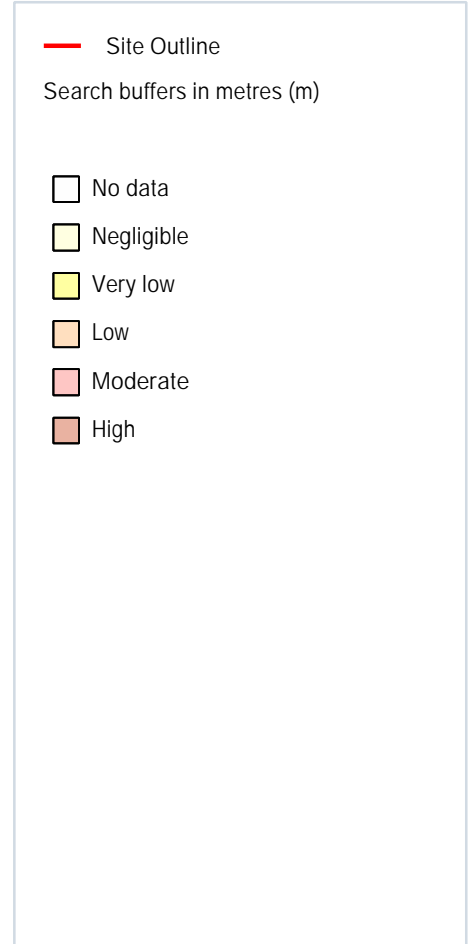
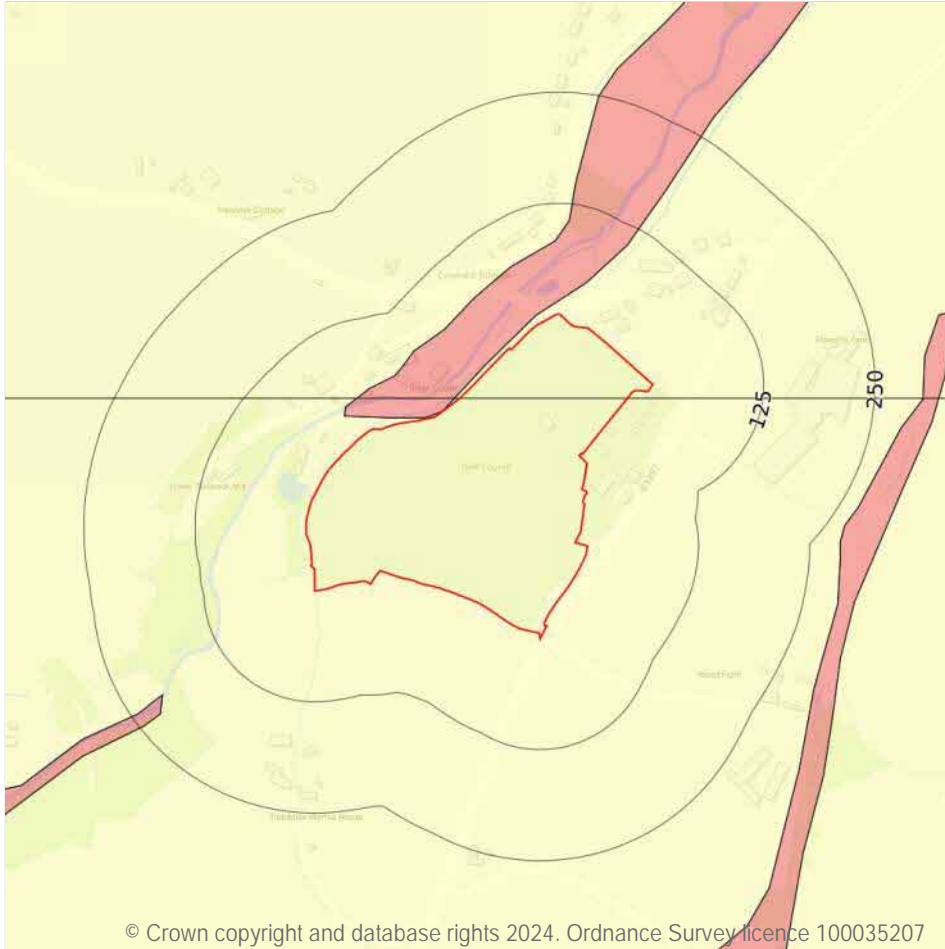
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
4m N	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
39m NW	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

4

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 110](#) >

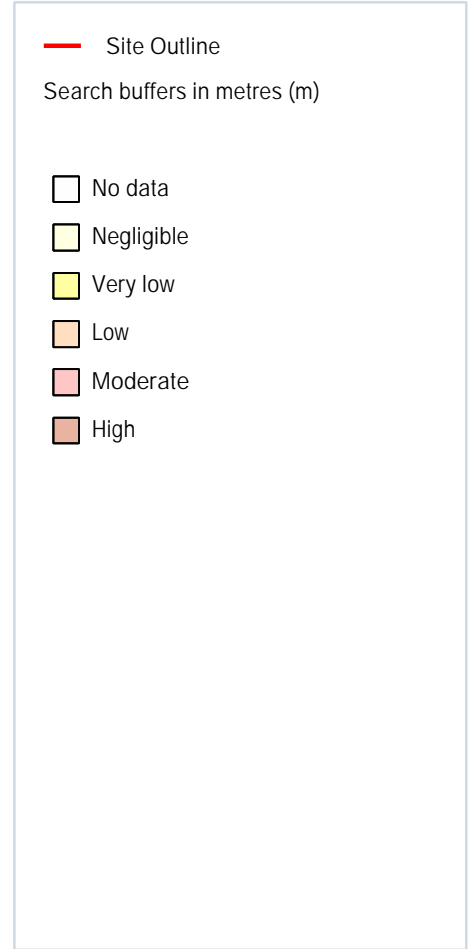
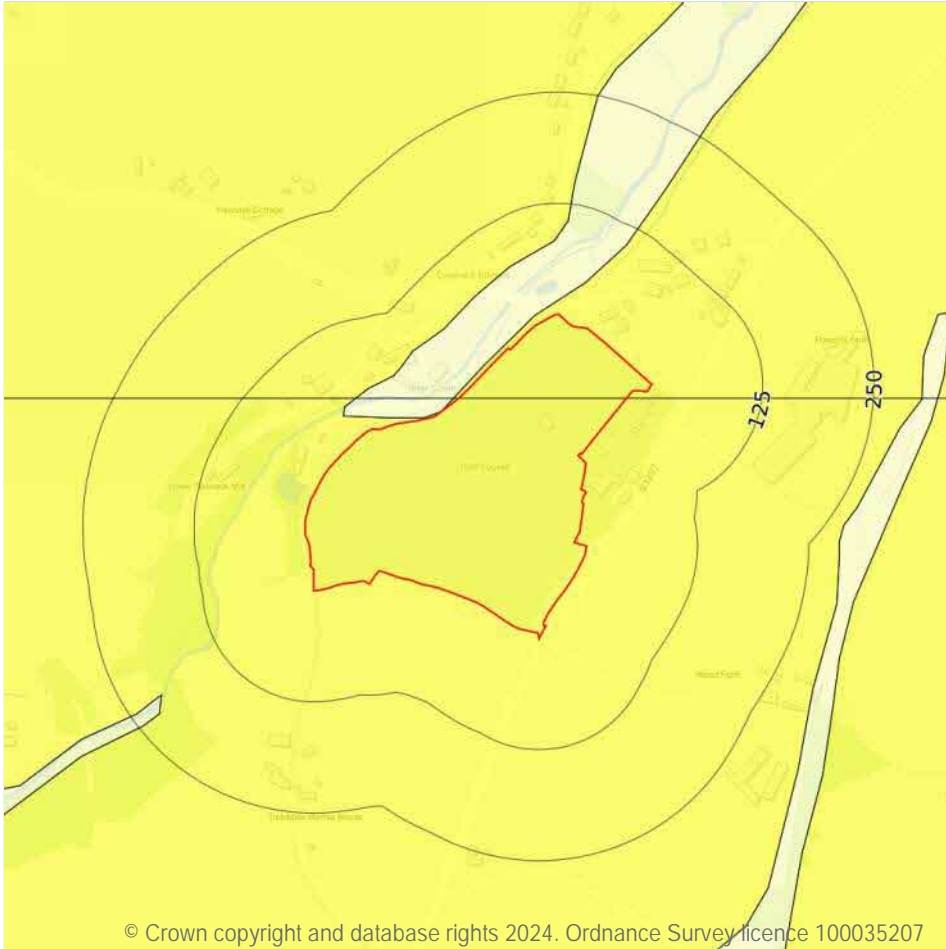
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

Location	Hazard rating	Details
4m N	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
39m NW	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



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17.4 Collapsible deposits

Records within 50m

4

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.

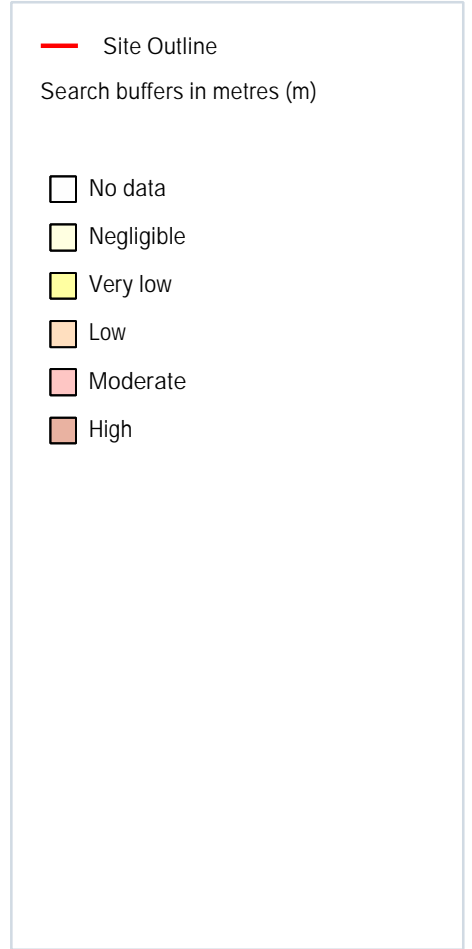
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 112 >](#)

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
4m N	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.

Location	Hazard rating	Details
39m NW	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



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17.5 Landslides

Records within 50m

6

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 114](#) >

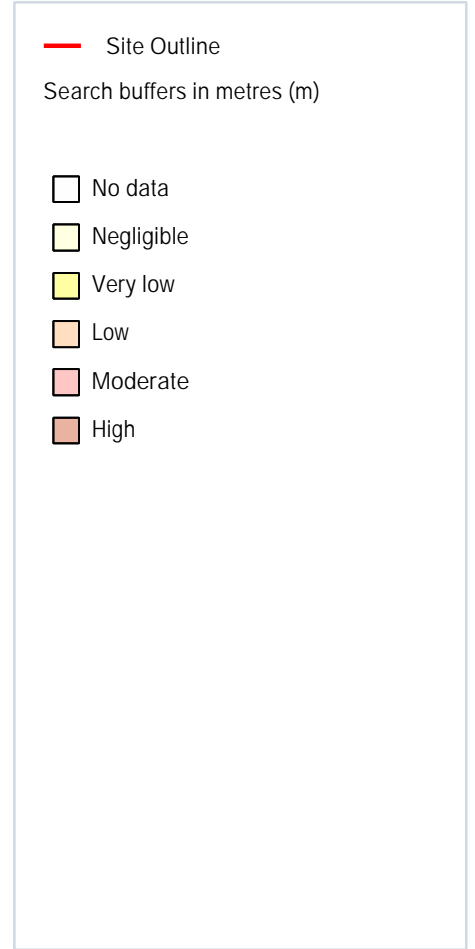
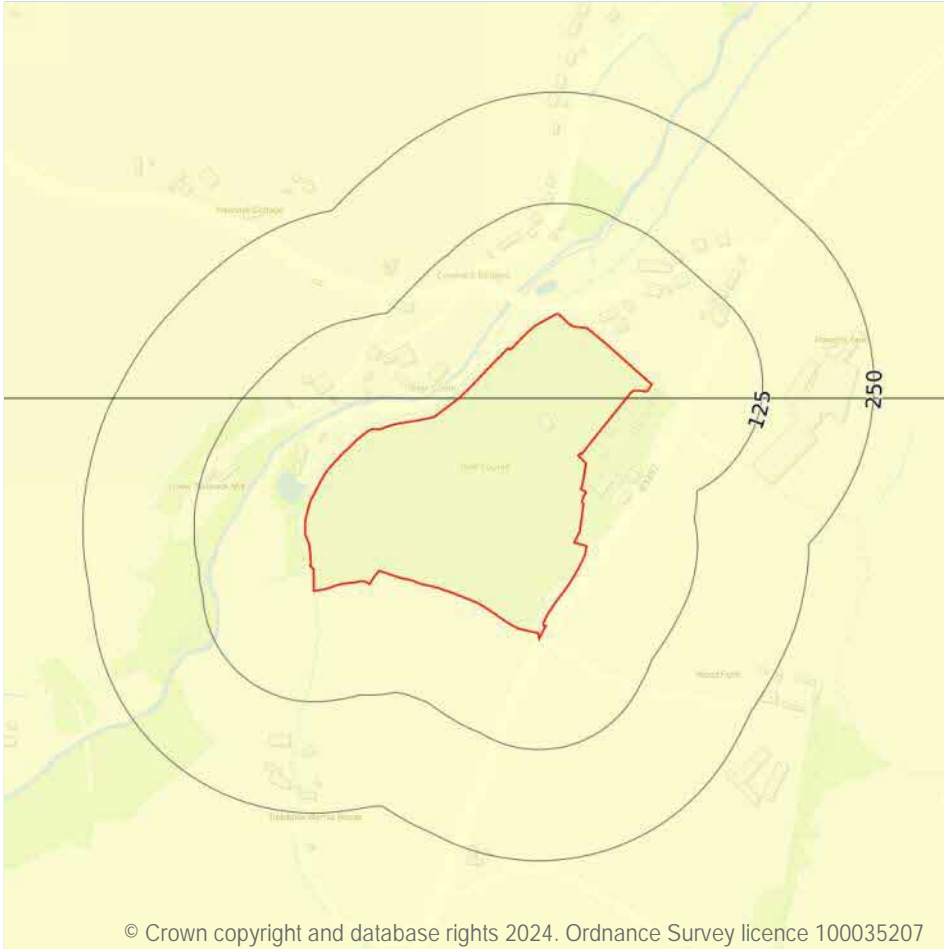
Location	Hazard rating	Details
On site	Negligible	Slope instability problems are not thought to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
4m N	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
19m NW	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.
25m N	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.
39m NW	Negligible	Slope instability problems are not thought 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



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17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

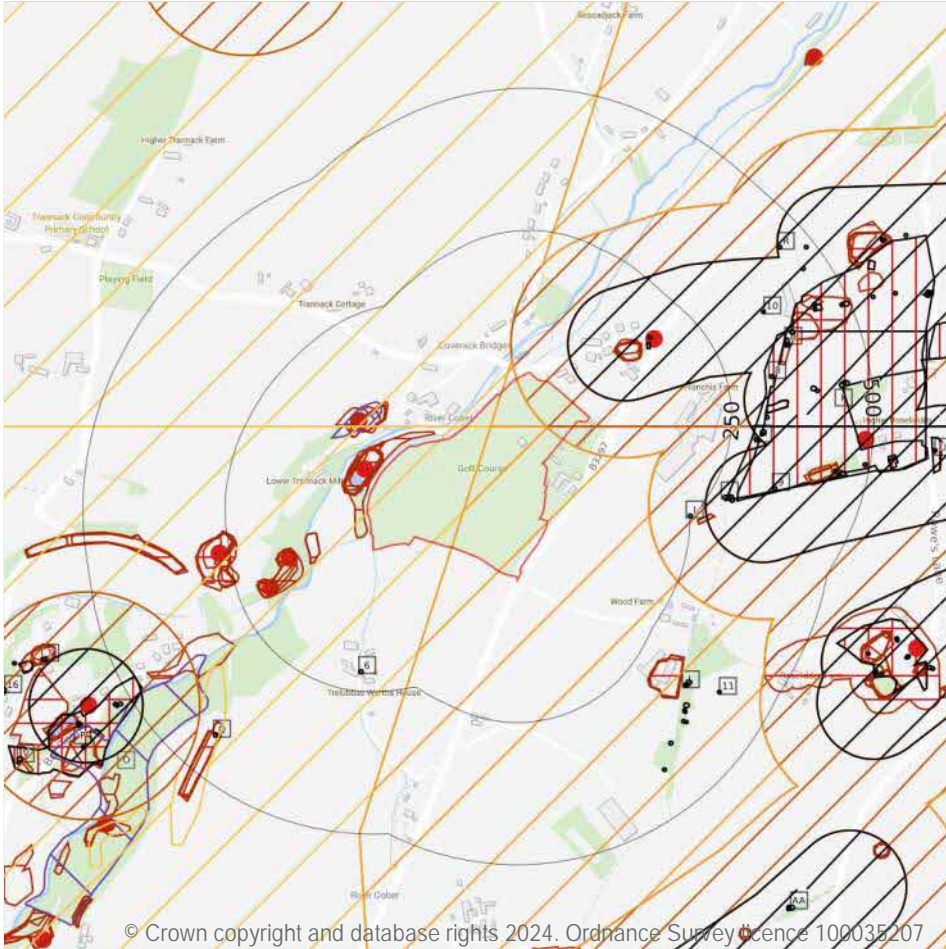
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 116 >](#)

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

This data is sourced from the British Geological Survey.



18 Mining and ground workings



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

18.1 BritPits

Records within 500m

7

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 118](#) >

ID	Location	Details	Description
C	29m W	Name: Trelubbas Quarry Address: Coverack Bridges, HELSTON, Cornwall 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
D	92m NW	Name: Trannack Quarry Address: Coverack Bridges, HELSTON, Cornwall Commodity: Igneous & Metamorphic Rock Status: Inactive	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, is not extracting minerals, but which still has a valid planning permission to do so, and can restart at any time. May be considered Mothballed by operator. May be considered to have Active or Dormant planning permission
E	147m W	Name: Trannack Quarries Address: Coverack Bridges, HELSTON, Cornwall 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
F	178m NE	Name: Wheal Dream Shaft Address: Wendron, HELSTON, Cornwall Commodity: Tin Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) 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
E	192m SW	Name: Trannack Quarries Address: Coverack Bridges, HELSTON, Cornwall 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
G	267m W	Name: Trannack Quarry Address: Coverack Bridges, HELSTON, Cornwall 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



ID	Location	Details	Description
H	487m E	Name: Trumpet Consols Mine Address: Wendron, HELSTON, Cornwall Commodity: Tin Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) 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	33
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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 118 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
C	7m SW	Unspecified Disused Quarry	1976	1:10000
C	11m W	Unspecified Quarry	1909	1:10560
C	11m W	Unspecified Quarry	1877	1:10560
C	12m W	Unspecified Quarry	1938	1:10560
C	12m W	Unspecified Quarry	1962	1:10560
C	17m W	Pond	1976	1:10000
D	60m NW	Unspecified Quarry	1877	1:10560
D	63m NW	Unspecified Quarry	1958	1:10560
D	63m NW	Granite Quarry	1974	1:10000
D	64m NW	Unspecified Quarry	1909	1:10560
D	65m NW	Unspecified Quarry	1938	1:10560
D	78m NW	Unspecified Quarry	1976	1:10000
E	94m SW	Ponds	1938	1:10560
E	94m SW	Ponds	1877	1:10560
F	115m NE	Unspecified Heap	1958	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
F	115m NE	Unspecified Heap	1938	1:10560
F	117m NE	Unspecified Heap	1909	1:10560
F	117m NE	Unspecified Heap	1909	1:10560
F	121m NE	Unspecified Heap	1877	1:10560
E	128m SW	Unspecified Old Quarries	1909	1:10560
E	136m SW	Unspecified Quarries	1962	1:10560
E	137m SW	Pond	1877	1:10560
E	138m W	Unspecified Quarries	1938	1:10560
E	138m W	Unspecified Quarries	1877	1:10560
E	188m SW	Unspecified Quarries	1938	1:10560
E	188m SW	Unspecified Quarries	1877	1:10560
G	236m W	Stone Quarry	1976	1:10000
G	238m W	Unspecified Quarry	1909	1:10560
G	239m W	Unspecified Quarry	1938	1:10560
G	239m W	Unspecified Quarries	1877	1:10560
G	241m W	Unspecified Heap	1976	1:10000
G	242m W	Unspecified Quarry	1962	1:10560
G	248m W	Unspecified Heap	1938	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

161

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

Features are displayed on the Mining and ground workings map on [page 118 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
F	158m NE	Unspecified Shaft	1938	1:10560
F	173m NE	Unspecified Shaft	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
6	212m SW	Unspecified Shaft	1877	1:10560
I	243m E	Unspecified Shaft	1877	1:10560
J	273m E	Unspecified Disused Shaft	1976	1:10000
K	277m E	Tin Mine	1877	1:10560
J	283m E	Unspecified Shaft	1938	1:10560
J	283m E	Unspecified Shaft	1877	1:10560
J	287m E	Unspecified Old Shaft	1958	1:10560
K	292m E	Disused Tin Mine	1938	1:10560
M	293m E	Unspecified Old Shafts	1938	1:10560
M	293m E	Unspecified Old Shafts	1877	1:10560
M	302m E	Unspecified Old Shaft	1958	1:10560
M	302m E	Unspecified Disused Shaft	1976	1:10000
M	309m E	Unspecified Old Shafts	1877	1:10560
M	310m E	Unspecified Shaft	1938	1:10560
8	326m E	Unspecified Old Shaft	1877	1:10560
L	345m SE	Unspecified Old Shaft	1958	1:10560
9	346m E	Unspecified Shaft	1877	1:10560
L	347m SE	Unspecified Disused Shafts	1976	1:10000
L	347m SE	Unspecified Old Shaft	1938	1:10560
L	347m SE	Unspecified Shafts	1877	1:10560
10	355m NE	Unspecified Shaft	1877	1:10560
L	365m SE	Unspecified Disused Shafts	1976	1:10000
B	367m NE	Unspecified Old Shafts	1877	1:10560
B	367m NE	Unspecified Old Shafts	1958	1:10560
L	370m SE	Unspecified Old Shafts	1958	1:10560
L	372m SE	Unspecified Old Shafts	1938	1:10560
L	380m SE	Unspecified Old Shafts	1938	1:10560
B	383m NE	Unspecified Old Shafts	1958	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
L	385m SE	Unspecified Old Shafts	1958	1:10560
L	390m SE	Unspecified Disused Shaft	1976	1:10000
K	393m E	Unspecified Shaft	1958	1:10560
K	400m E	Unspecified Shaft	1877	1:10560
11	403m SE	Unspecified Shafts	1877	1:10560
L	419m SE	Unspecified Old Shaft	1877	1:10560
Q	425m SW	Unspecified Shaft	1877	1:10560
B	437m NE	Unspecified Old Shaft	1958	1:10560
B	438m NE	Unspecified Disused Shafts	1974	1:10000
H	439m E	Unspecified Shaft	1877	1:10560
B	440m NE	Unspecified Old Shaft	1938	1:10560
B	440m NE	Unspecified Old Shaft	1877	1:10560
K	443m E	Unspecified Disused Shafts	1974	1:10000
R	446m NE	Unspecified Shafts	1877	1:10560
H	448m E	Unspecified Shaft	1938	1:10560
H	448m E	Unspecified Shaft	1958	1:10560
K	449m E	Unspecified Old Shaft	1938	1:10560
K	449m E	Unspecified Shaft	1877	1:10560
K	452m E	Unspecified Old Shaft	1958	1:10560
R	455m NE	Unspecified Shaft	1877	1:10560
P	473m SW	Disused Tin	1938	1:10560
R	482m NE	Unspecified Shafts	1877	1:10560
B	483m NE	Unspecified Old Shaft	1938	1:10560
B	485m NE	Unspecified Old Shaft	1958	1:10560
H	488m E	Unspecified Old Shaft	1938	1:10560
B	488m NE	Unspecified Disused Shafts	1974	1:10000
H	489m E	Unspecified Old Shaft	1958	1:10560
P	517m SW	Unspecified Disused Shaft	1976	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
P	525m SW	Unspecified Old Shaft	1938	1:10560
P	525m SW	Unspecified Shaft	1877	1:10560
P	525m SW	Unspecified Old Shafts	1958	1:10560
H	530m E	Engine Shaft	1938	1:10560
H	532m E	Engine Shaft	1877	1:10560
B	539m NE	Unspecified Shafts	1877	1:10560
S	550m SE	Disused Tin	1877	1:10560
B	555m NE	Unspecified Shaft	1938	1:10560
P	576m SW	Unspecified Old Shafts	1958	1:10560
B	578m NE	Unspecified Shafts	1877	1:10560
P	597m SW	Unspecified Old Shafts	1938	1:10560
P	597m SW	Unspecified Old Shafts	1958	1:10560
P	598m SW	Unspecified Shaft	1877	1:10560
B	599m NE	Unspecified Shaft	1877	1:10560
B	599m NE	Unspecified Old Shaft	1938	1:10560
B	600m NE	Unspecified Old Shaft	1958	1:10560
U	603m E	Unspecified Shaft	1877	1:10560
T	605m SW	Unspecified Old Shafts	1958	1:10560
S	605m SE	Unspecified Old Shafts	1958	1:10560
13	606m E	Unspecified Disused Mine	1974	1:10000
U	607m E	Unspecified Shaft	1938	1:10560
U	607m E	Unspecified Shaft	1877	1:10560
U	609m E	Unspecified Shaft	1958	1:10560
P	613m SW	Unspecified Old Shaft	1938	1:10560
P	613m SW	Unspecified Old Shafts	1958	1:10560
B	625m NE	Unspecified Old Shaft	1938	1:10560
B	628m NE	Unspecified Disused Shaft	1974	1:10000
S	628m SE	Unspecified Old Shafts	1958	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
S	629m SE	Unspecified Shaft	1877	1:10560
S	629m SE	Unspecified Old Shafts	1938	1:10560
B	631m NE	Unspecified Old Shaft	1958	1:10560
T	631m W	Unspecified Old Shaft	1938	1:10560
B	632m NE	Unspecified Shaft	1877	1:10560
B	639m NE	Unspecified Shaft	1877	1:10560
S	640m SE	Unspecified Disused Shaft	1976	1:10000
S	643m E	Unspecified Old Shafts	1958	1:10560
S	645m E	Unspecified Old Shafts	1938	1:10560
T	658m W	Unspecified Shaft	1877	1:10560
S	670m SE	Unspecified Old Shafts	1958	1:10560
S	672m E	Unspecified Old Shafts	1938	1:10560
S	672m E	Unspecified Shaft	1877	1:10560
16	690m SW	Unspecified Old Shafts	1958	1:10560
-	713m E	Unspecified Shafts	1877	1:10560
-	713m S	Unspecified Disused Mine	1958	1:10560
S	713m SE	Unspecified Old Shaft	1958	1:10560
V	717m SW	Unspecified Disused Shaft	1976	1:10000
S	720m SE	Unspecified Old Shafts	1938	1:10560
S	720m SE	Unspecified Old Shafts	1877	1:10560
-	722m S	Disused Tin Mine	1877	1:10560
V	724m SW	Unspecified Old Shaft	1938	1:10560
-	725m E	Unspecified Shaft	1877	1:10560
20	728m E	Unspecified Old Shaft	1877	1:10560
AA	744m SE	Unspecified Shaft	1877	1:10560
AA	744m SE	Unspecified Old Shaft	1958	1:10560
-	744m S	Unspecified Old Shaft	1877	1:10560
AA	746m SE	Unspecified Old Shaft	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AA	747m SE	Unspecified Disused Shaft	1976	1:10000
-	748m S	Unspecified Disused Shaft	1976	1:10000
S	750m E	Unspecified Old Shafts	1877	1:10560
-	751m S	Disused Tin Mine	1938	1:10560
-	751m S	Unspecified Old Shaft	1877	1:10560
-	769m E	Unspecified Old Shaft	1938	1:10560
-	769m E	Unspecified Shafts	1877	1:10560
-	770m E	Unspecified Old Shaft	1958	1:10560
-	779m S	Unspecified Old Shafts	1877	1:10560
-	782m E	Unspecified Old Shaft	1877	1:10560
-	785m S	Unspecified Old Shafts	1958	1:10560
-	786m S	Unspecified Old Shafts	1938	1:10560
-	789m S	Unspecified Old Shafts	1877	1:10560
-	794m S	Unspecified Old Shafts	1958	1:10560
-	795m S	Unspecified Old Shafts	1938	1:10560
-	798m E	Disused Tin	1877	1:10560
-	822m E	Unspecified Shaft	1958	1:10560
-	823m E	Unspecified Shaft	1938	1:10560
-	823m E	Unspecified Shaft	1877	1:10560
-	823m E	Unspecified Disused Shaft	1976	1:10000
-	854m E	Disused Tin	1938	1:10560
-	866m E	Unspecified Old Shaft	1958	1:10560
-	866m E	Unspecified Old Shaft	1938	1:10560
-	866m E	Unspecified Old Shaft	1877	1:10560
-	874m E	Unspecified Old Shafts	1938	1:10560
-	878m E	Disused Tin	1938	1:10560
-	879m E	Unspecified Old Shafts	1958	1:10560
-	880m E	Unspecified Shafts	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
-	884m NW	Disused Tin	1877	1:10560
-	888m E	Unspecified Old Shafts	1938	1:10560
-	892m E	Unspecified Shafts	1877	1:10560
-	893m E	Unspecified Old Shafts	1958	1:10560
-	908m E	Unspecified Old Shaft	1877	1:10560
-	933m NE	Disused Tin Mine	1877	1:10560
-	946m E	Unspecified Disused Mine	1958	1:10560
-	946m E	Unspecified Old Shafts	1938	1:10560
-	953m NE	Disused Tin Mine	1938	1:10560
-	954m E	Unspecified Old Shaft	1877	1:10560
-	960m E	Disused Tin Mine	1877	1:10560
-	966m E	Unspecified Shaft	1877	1:10560
-	974m NE	Unspecified Old Shaft	1938	1:10560
-	980m NE	Unspecified Old Shaft	1958	1:10560
-	998m E	Unspecified Old Shaft	1938	1:10560
-	999m E	Unspecified Old Shafts	1958	1:10560
-	999m E	Unspecified Old Shafts	1938	1:10560
-	999m E	Unspecified Old Shaft	1877	1:10560
-	1000m E	Unspecified Old Shaft	1958	1:10560

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

2

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.

Features are displayed on the Mining and ground workings map on [page 118](#) >

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
D	74m NW	Trannack	Igneous rock (granite)	Surface mineral working	Valid	Not available
O	349m SW	Trelubbas (Lower Tow)	Igneous rock	Surface mineral working	Valid	Not available

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

15

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 118](#) >

ID	Location	Name	Commodity	Class	Likelihood
1	On site	Not available	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
2	On site	Not available	Vein Mineral	D	Underground mining is considered likely to have occurred within or close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
3	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.



ID	Location	Name	Commodity	Class	Likelihood
4	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.
A	On site	Not available	Vein Mineral	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
B	On site	Not available	Vein Mineral	D	Underground mining is considered likely to have occurred within or close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
B	38m NE	Not available	Vein Mineral	E	Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
5	190m N	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.
H	241m E	Not available	Vein Mineral	E	Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
P	374m SW	Wheal Trannack	Vein Mineral-Tin	D	Underground mining is considered likely to have occurred within or close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
P	474m SW	Wheal Trannack	Vein Mineral-Tin	E	Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
S	530m SE	Not available	Vein Mineral	E	Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
17	691m SE	Not available	Vein Mineral	E	Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.



ID	Location	Name	Commodity	Class	Likelihood
W	704m N	Wheal Mount	Vein Mineral-Tin	D	Underground mining is considered likely to have occurred within or close to the area. The location, extent and nature of mining should be considered in any site investigation. Potential for difficult ground conditions should be considered.
-	804m N	Wheal Mount	Vein Mineral-Tin	E	Underground mining is known or considered likely within or very close to the area. The location, extent and nature of mining should be considered in any site investigation. 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

76

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.

Location	Mineral type
On site	Metals



Location	Mineral type
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
On site	Metals
16m N	Metals
32m S	Metals
33m N	Metals
41m N	Metals
43m N	Metals
54m N	Metals
60m E	Metals
66m SE	Metals
67m SE	Metals
67m SE	Metals
67m SE	Metals
71m SE	Metals
101m S	Metals
120m E	Metals
147m S	Metals



Location	Mineral type
178m S	Metals
188m S	Metals
188m S	Metals
221m W	Stone
222m S	Metals
236m S	Metals
248m S	Metals
272m S	Metals
273m SW	Metals
276m S	Metals
281m S	Metals
287m SW	Metals
293m SW	Metals
295m SW	Metals
313m SW	Metals
324m S	Metals
328m S	Metals
330m W	Stone
331m W	Stone
331m W	Stone
338m SW	Metals
349m S	Metals
352m W	Metals
355m SW	Metals
364m S	Metals
367m SW	Metals
390m S	Metals
390m W	Stone



Location	Mineral type
392m S	Metals
401m SW	Metals
409m S	Metals
418m S	Metals
429m S	Metals
430m NE	Metals
437m S	Metals
443m S	Metals
445m W	Unspecified
452m NE	Metals
458m S	Metals
462m S	Metals
462m S	Metals
469m S	Metals
470m NE	Metals
475m S	Metals
478m SW	Metals
497m S	Metals
498m S	Metals

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

4

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.

Location	Mineral
18m NE	Tin
59m E	Tin



Location	Mineral
189m E	Tin
239m E	Tin

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

1

Generalised areas that may be affected by historical tin mining.

Location	Details
On site	The site is within an area where tin mining is reported to have occurred. This does not mean that the site is definitely directly affected but further consideration of tin mining is advised. Further mining searches are available at Groundsure.

This data is sourced from Groundsure.

18.16 Clay mining

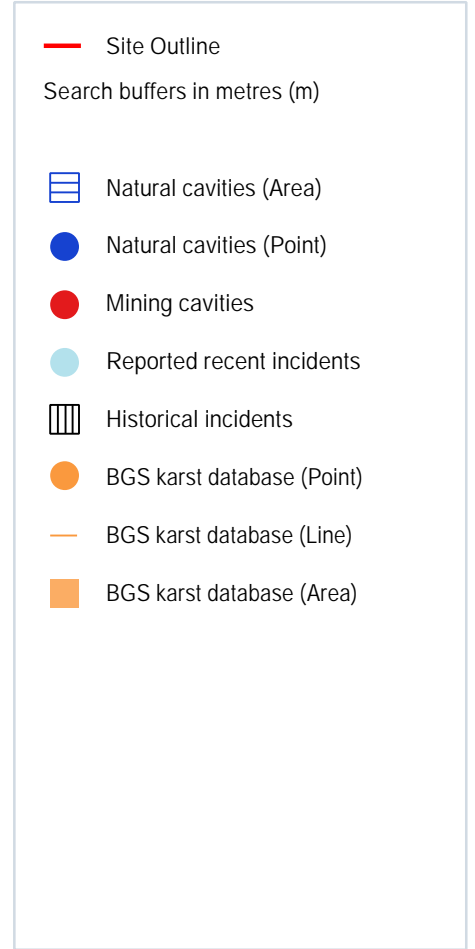
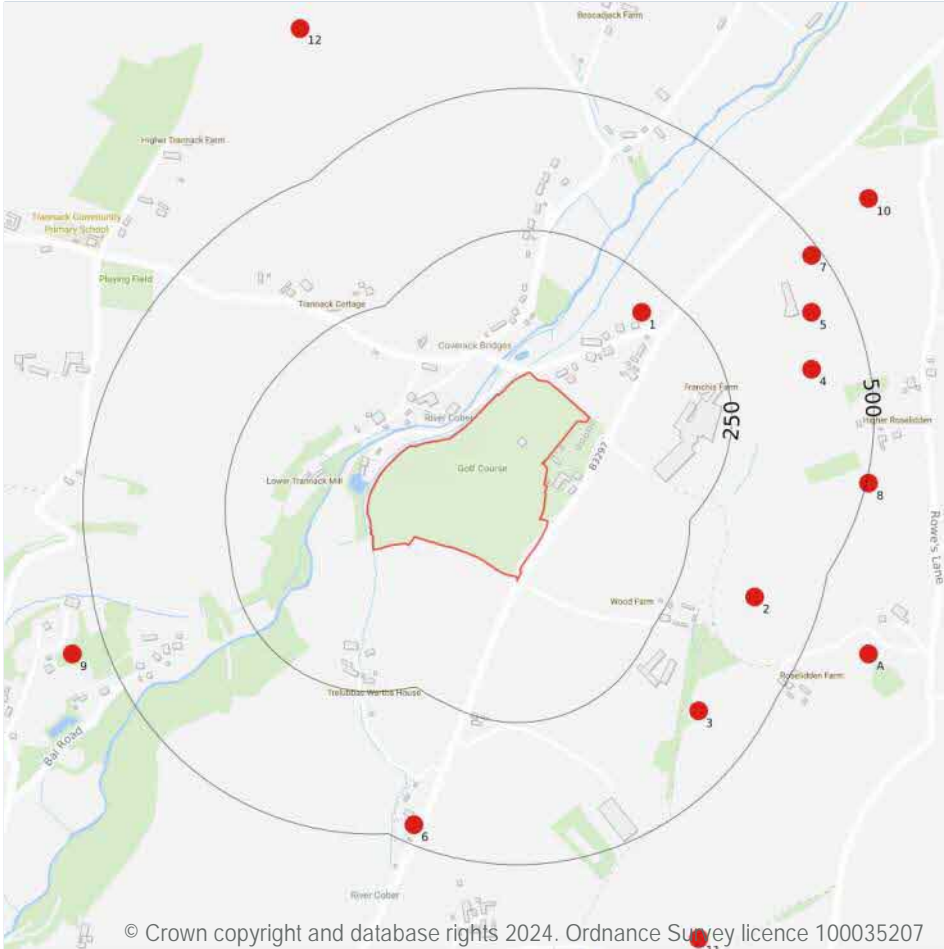
Records on site

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

21

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

Features are displayed on the Ground cavities and sinkholes map on [page 136 >](#)

ID	Location	Mine Address	Mineral	Data source	Publisher
1	198m NE	Dream, Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
2	387m SE	Trenithick, Helston, Cornwall	Cassiterite, Tin, Tinstone	CORNISH MINES (METALLIFEROUS AND ASSOCIATED MINERALS 1845-1913)	UNIVERSITY OF EXETER
3	392m SE	Trumpet West, Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
4	400m E	Noon, Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
5	433m NE	Trumpet Consols, Helston, Cornwall	Bornite, Chalcocite, Copper, Malachite, Native Copper, Tetrahedrite	CORNISH MINES (METALLIFEROUS AND ASSOCIATED MINERALS 1845-1913)	UNIVERSITY OF EXETER
6	467m S	Oak, Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
7	484m NE	Trumpet(old), Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
8	505m E	Valls, Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
9	560m SW	Trannack, Helston, Cornwall	Cassiterite, Tin, Tinstone	CORNISH MINES (METALLIFEROUS AND ASSOCIATED MINERALS 1845-1913)	UNIVERSITY OF EXETER
A	609m SE	Roselidden-Wh.widden, Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
A	609m SE	Widden(whidden), Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
10	624m NE	Franchis, Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.



ID	Location	Mine Address	Mineral	Data source	Publisher
11	705m SE	Treworlis, Helston, Cornwall	Bornite, Chalcocite, Copper, Malachite, Native Copper, Tetrahedrite	CORNISH MINES (METALLIFEROUS AND ASSOCIATED MINERALS 1845-1913)	UNIVERSITY OF EXETER
-	706m N	Fursden(fursdon), Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
-	706m N	Peverall(peverill), Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
12	725m N	Mount, Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
-	894m E	Tremenhere, Helston, Cornwall	Bornite, Chalcocite, Copper, Malachite, Native Copper, Tetrahedrite	CORNISH MINES (METALLIFEROUS AND ASSOCIATED MINERALS 1845-1913)	UNIVERSITY OF EXETER
-	928m NE	Ann, Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
-	928m NE	Trumpet Utd., Wendron, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.
-	971m NE	Trumpet East, Wendron, Cornwall	Cassiterite, Tin, Tinstone	CORNISH MINES (METALLIFEROUS AND ASSOCIATED MINERALS 1845-1913)	UNIVERSITY OF EXETER
-	983m E	Trevenen Old, Helston, Cornwall	Unknown	CORNWALL MINES DATABASE	UNPUBLISHED PRIVATE DOCUMENT.

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.

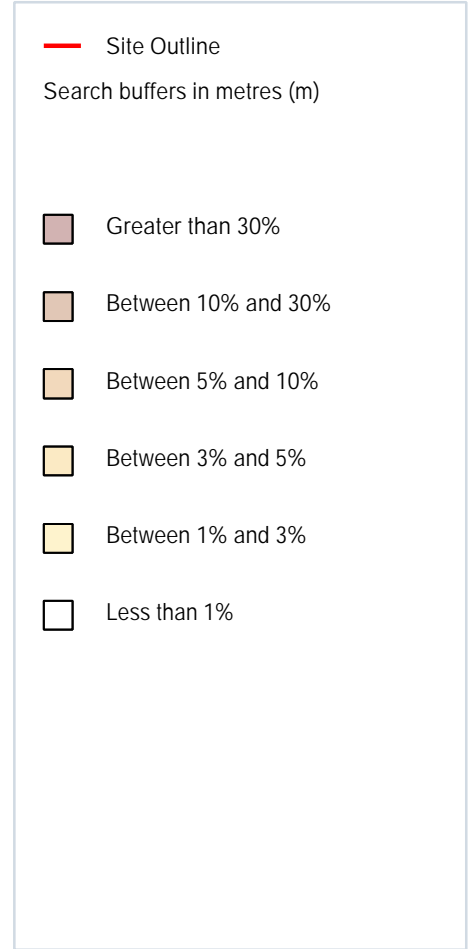
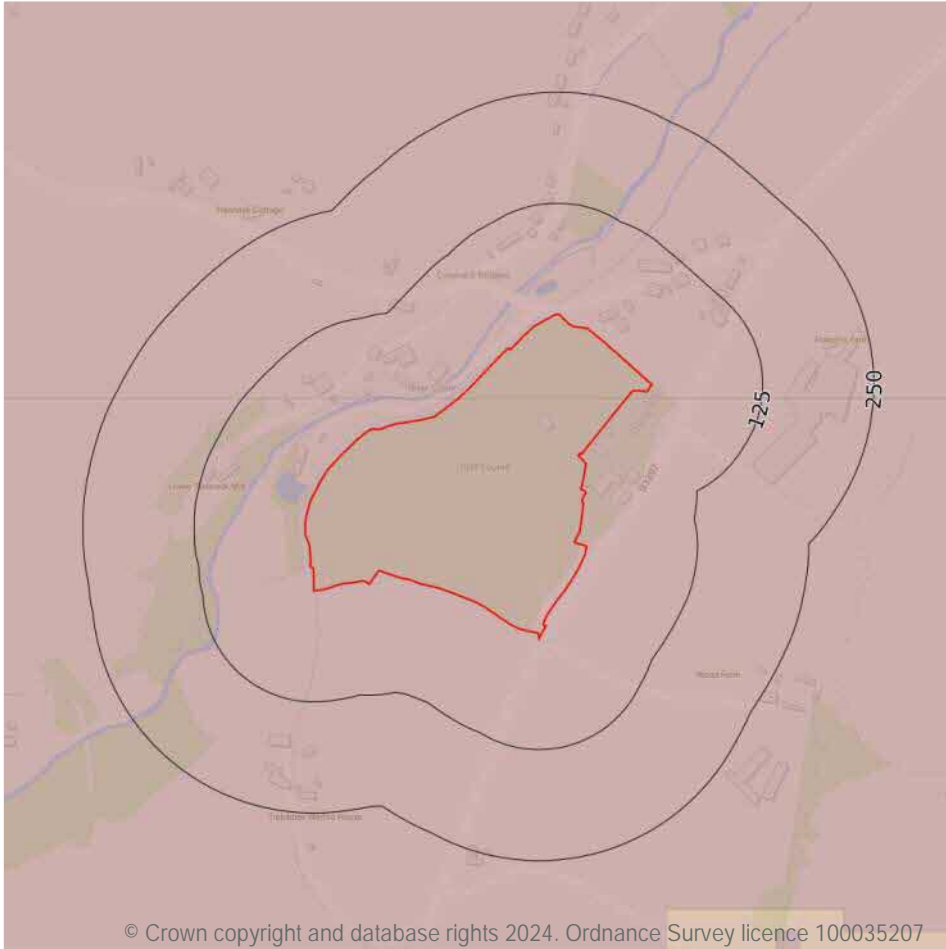
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over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



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 140 >](#)

Location	Estimated properties affected	Radon Protection Measures required
On site	Greater than 30%	Full



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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

7

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	5 - 7 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
0m NW	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
4m N	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
7m NE	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
39m NW	25 - 35 mg/kg	4 - 5 mg/kg	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.



21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects

22.1 Underground railways (London)

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

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

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

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

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

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

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

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

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

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

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



This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

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

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

This data is sourced from OpenStreetMap.

22.7 Railways

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

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

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 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> ↗ .

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Appendix C

HISTORICAL MAI



Site Details:

Whealdream Golf Club,
Wendron, Helston TR13 0LR

Client Ref: 9314 Wendron, Helston
Report Ref: GS-WN5-I5K-XNI-SN8
Grid Ref: 166813, 29911

Map Name: County Series

Map date: 1888

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1877
Revised N/A
Edition 1888
Copyright N/A
Levelled N/A

Surveyed 1877
Revised N/A
Edition 1888
Copyright N/A
Levelled N/A

Surveyed 1878
Revised N/A
Edition 1888
Copyright N/A
Levelled N/A

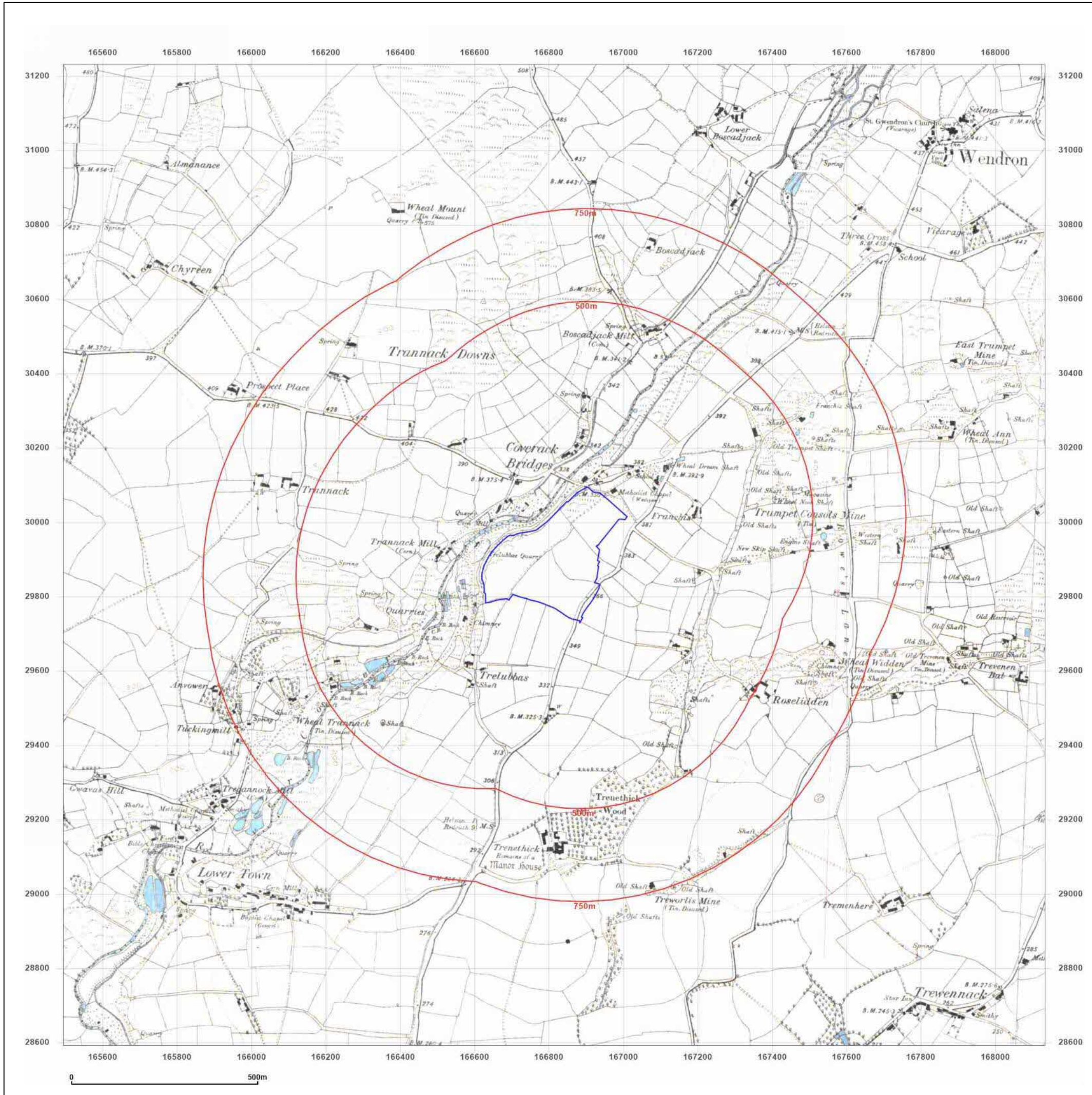


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Site Details:
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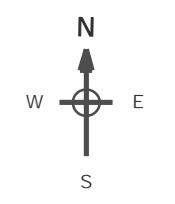
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 Grid Ref: 166813, 29911

Map Name: County Series

Map date: 1908-1909

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1877
 Revised 1909
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1876
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 Edition 1909
 Copyright N/A
 Levelled N/A

Surveyed 1877
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 Copyright N/A
 Levelled N/A

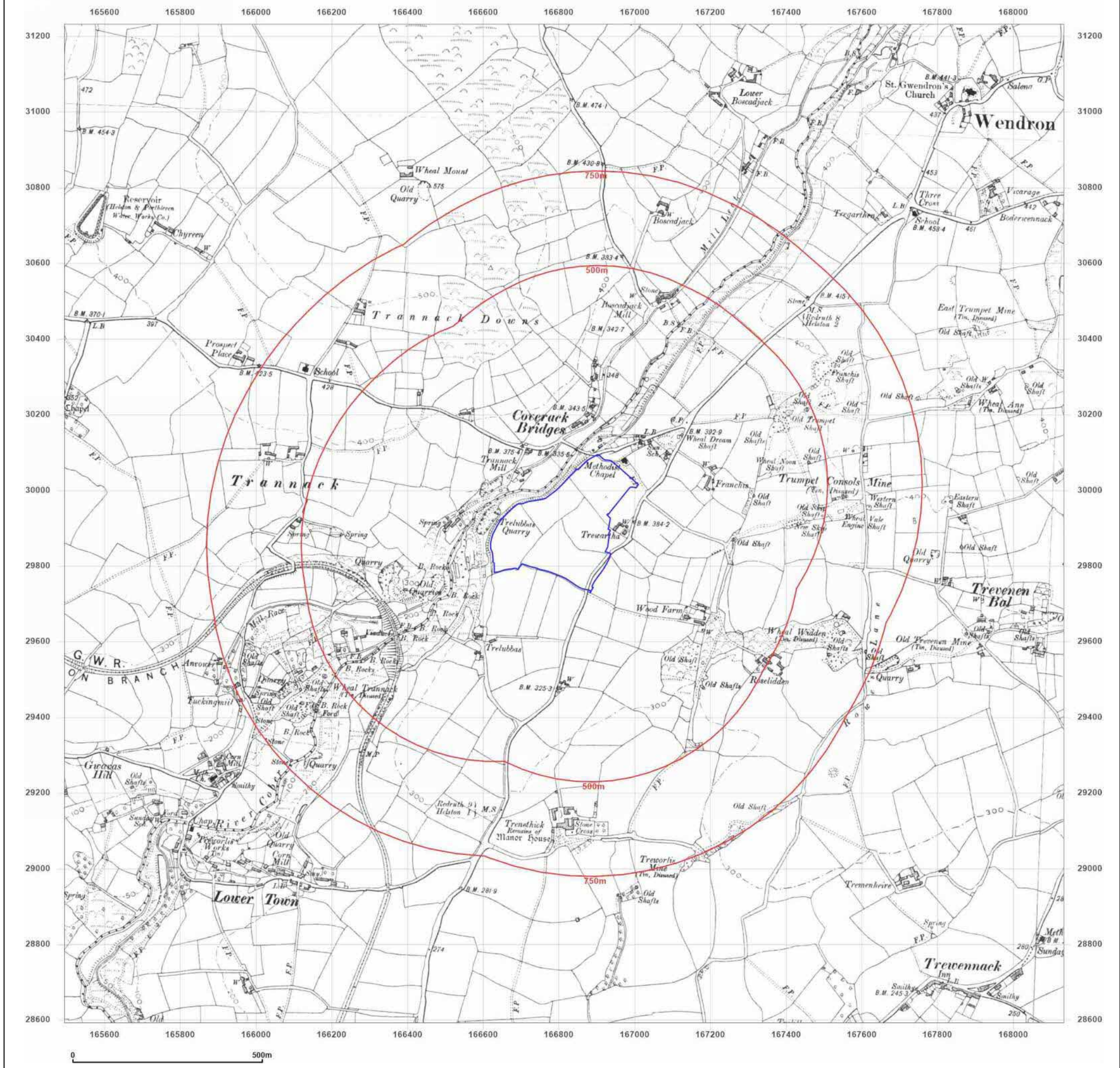


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Client Ref: 9314 Wendron, Helston
Report Ref: GS-WN5-I5K-XNI-SN8
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Map Name: County Series

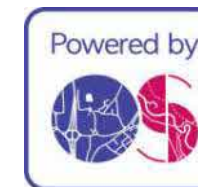
Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

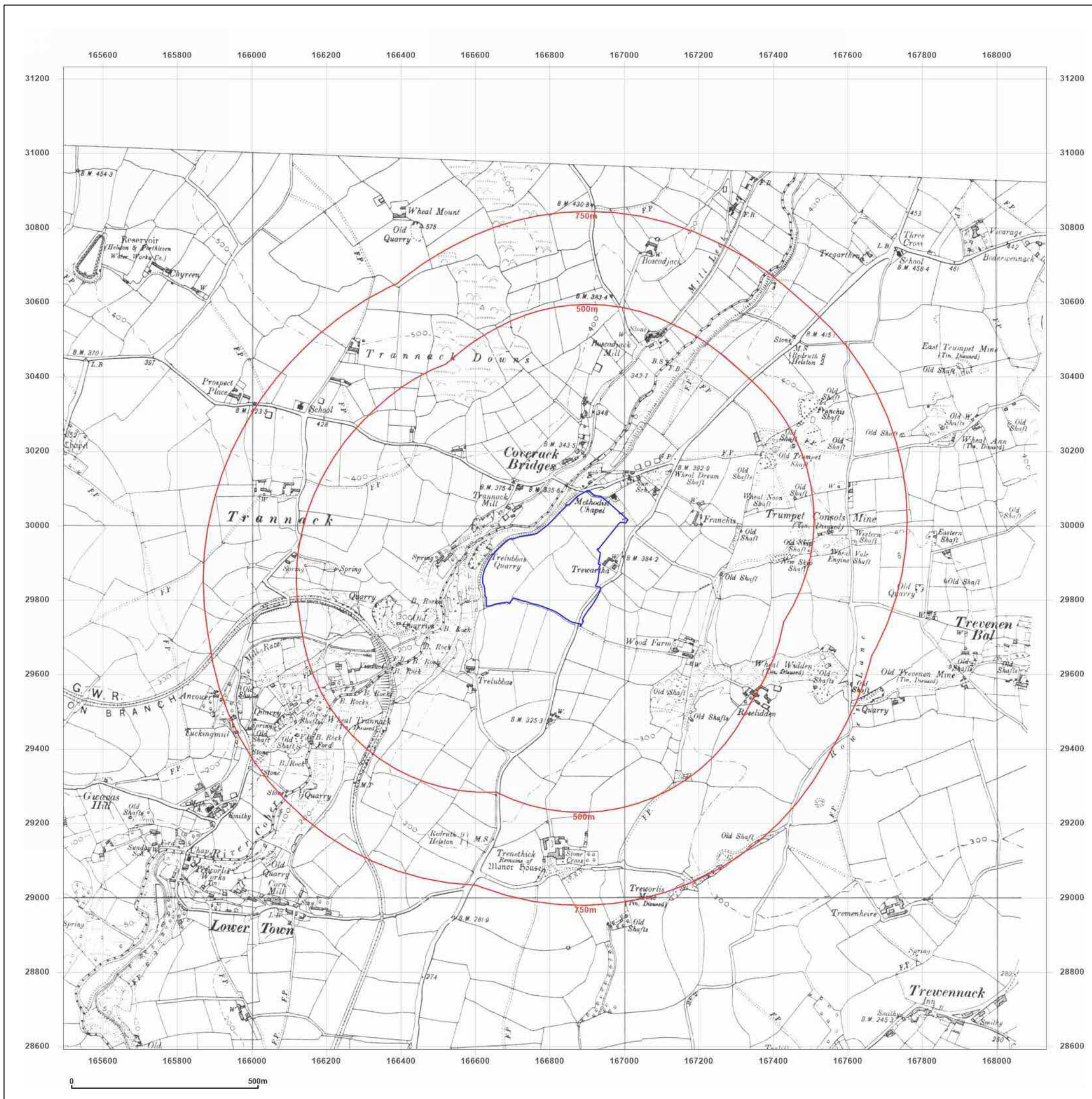


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Client Ref: 9314 Wendron, Helston
Report Ref: GS-WN5-I5K-XNI-SN8
Grid Ref: 166813, 29911

Map Name: Provisional

Map date: 1958-1963

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1958
Revised 1958
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1958
Revised 1962
Edition N/A
Copyright 1963
Levelled N/A

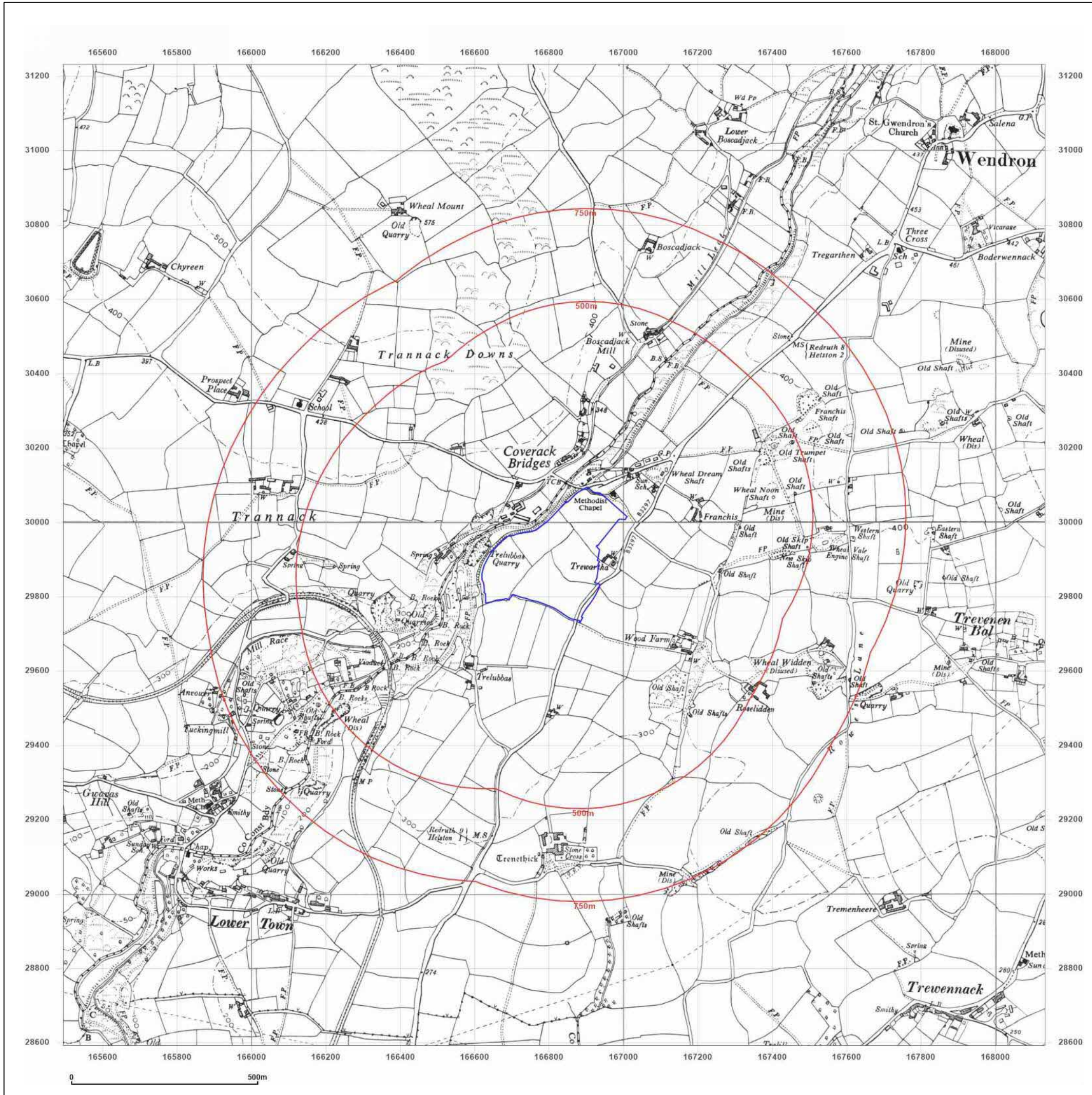


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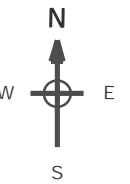
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Map Name: National Grid

Map date: 1975-1978

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1971
Revised 1975
Edition N/A
Copyright 1975
Levelled N/A

Surveyed 1974
Revised 1978
Edition N/A
Copyright 1978
Levelled N/A

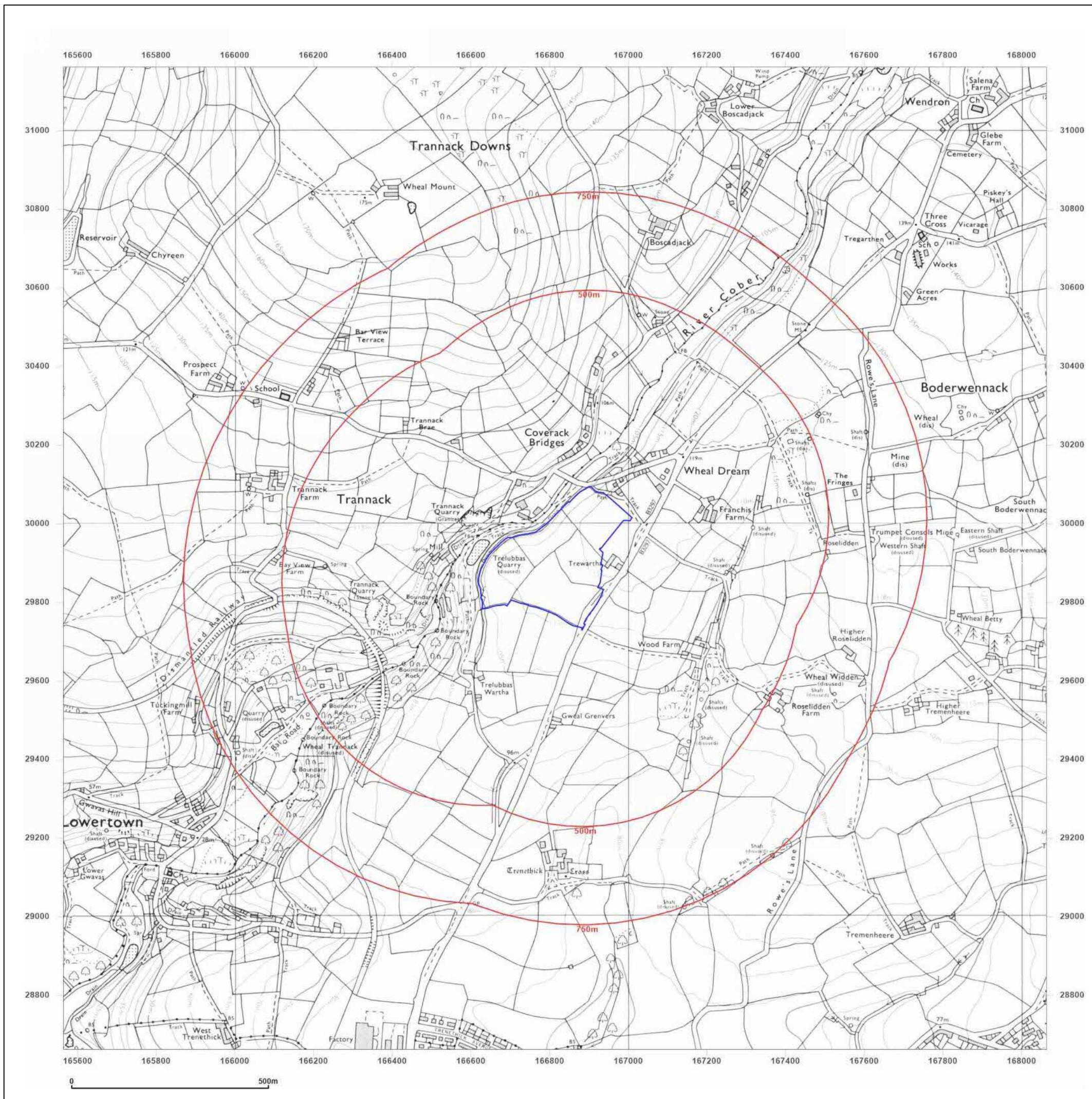


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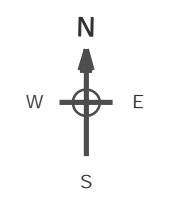
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Surveyed 1974
Revised 1978
Edition N/A
Copyright 1978
Levelled N/A

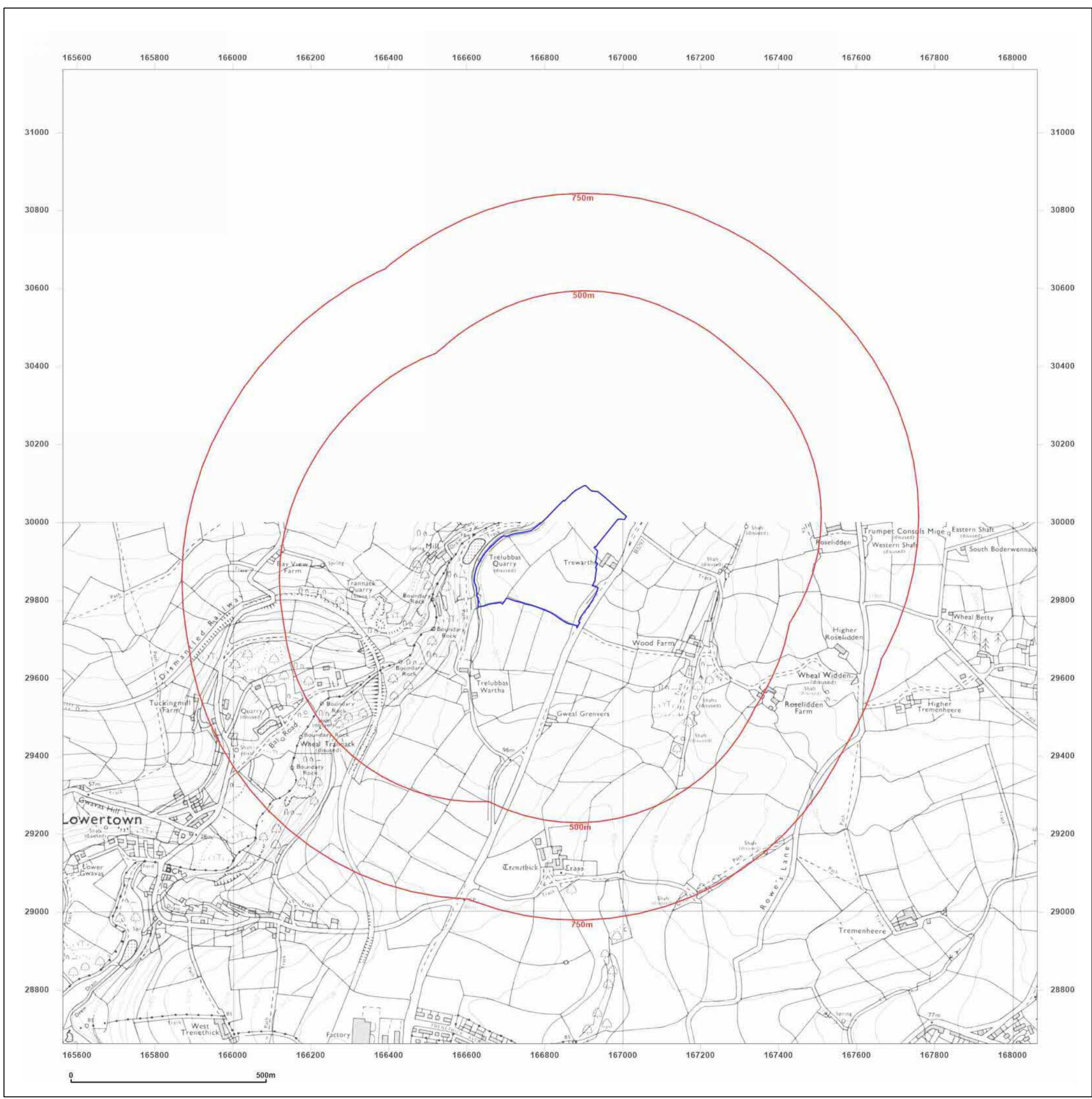


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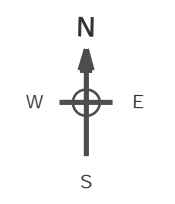
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Surveyed 1974
Revised 1978
Edition N/A
Copyright 1978
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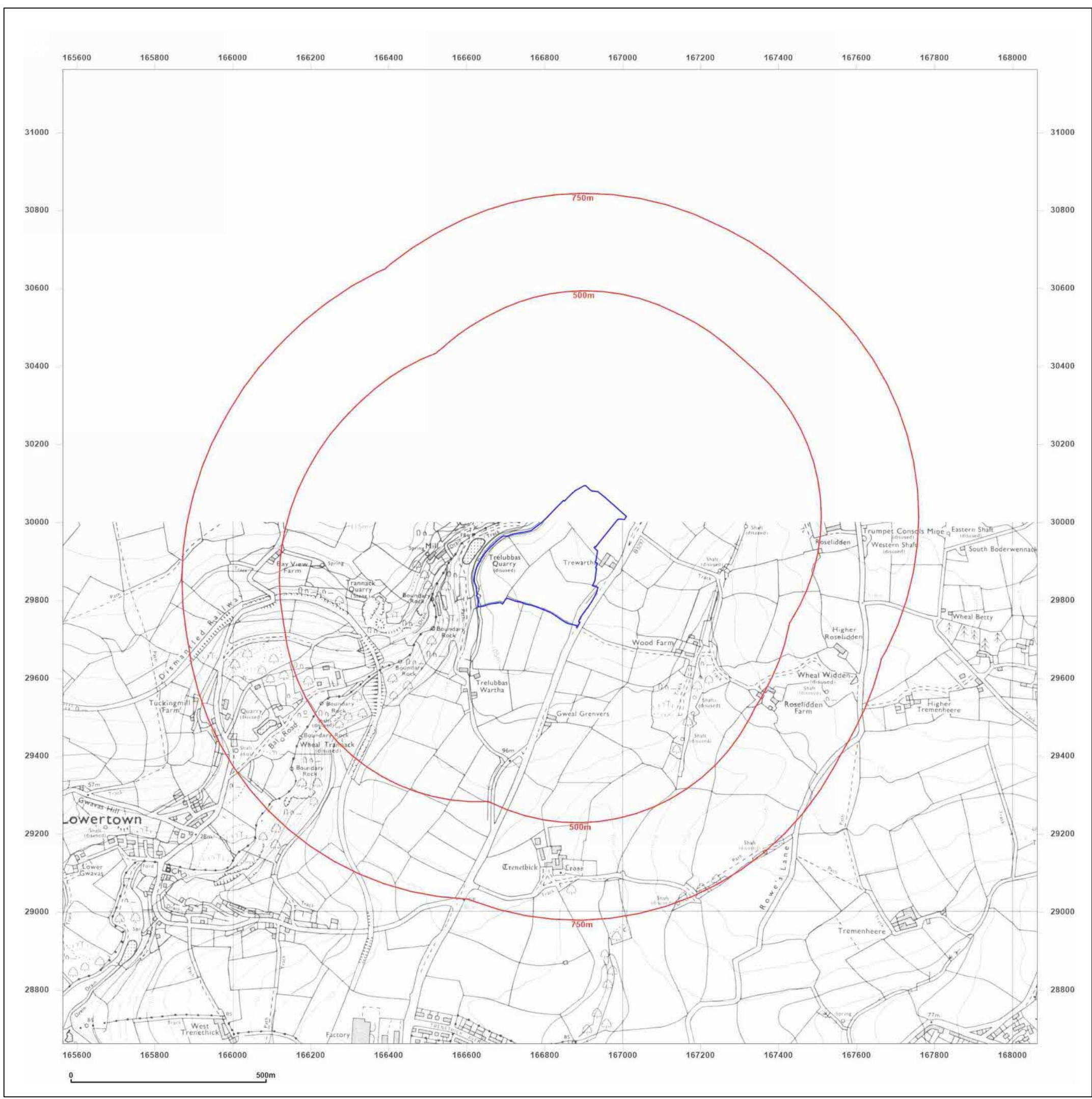


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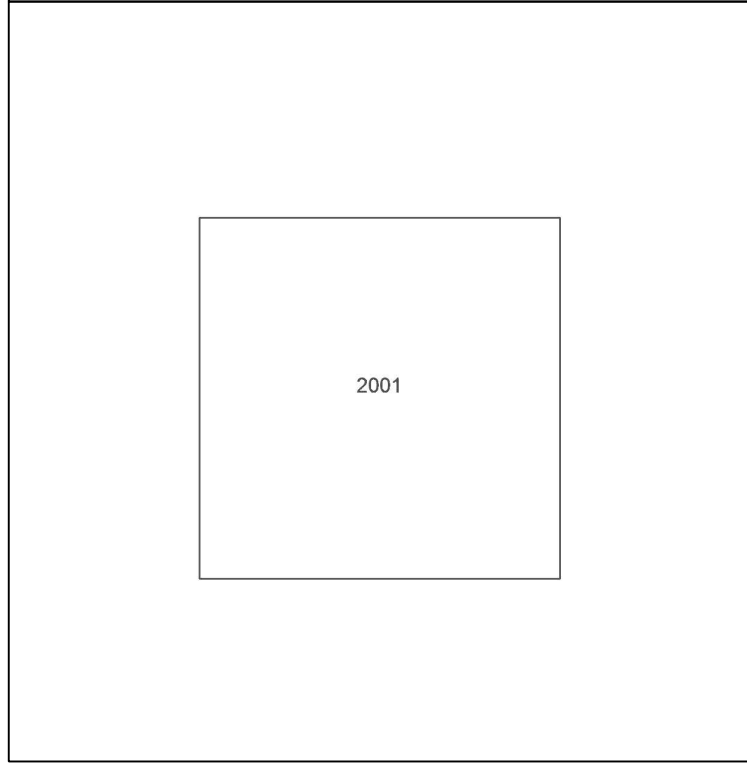
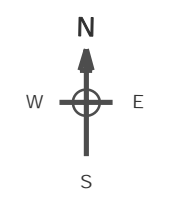


Site Details:

Whealdream Golf Club,
Wendron, Helston TR13 0LR

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Map Name: National Grid
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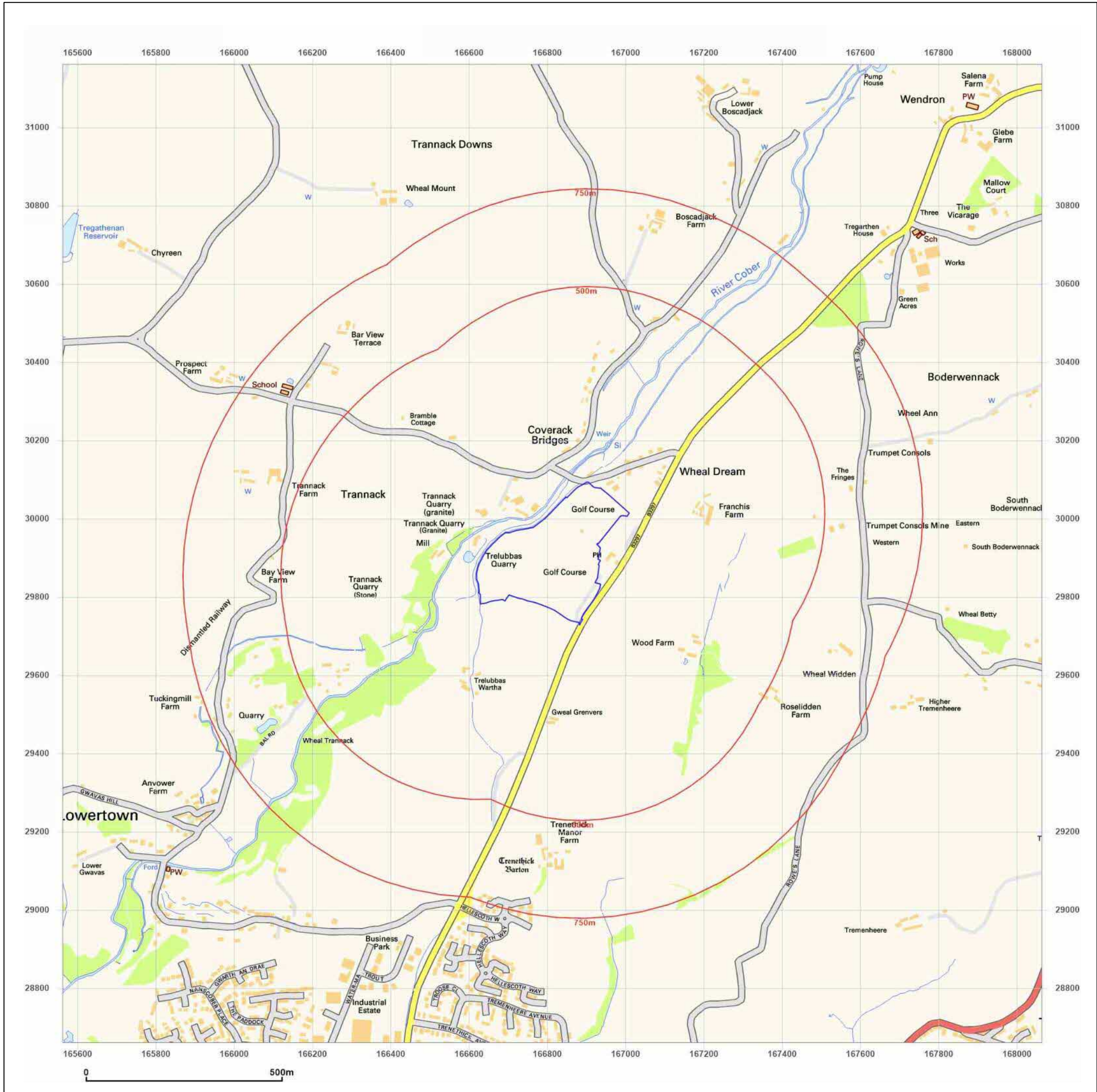


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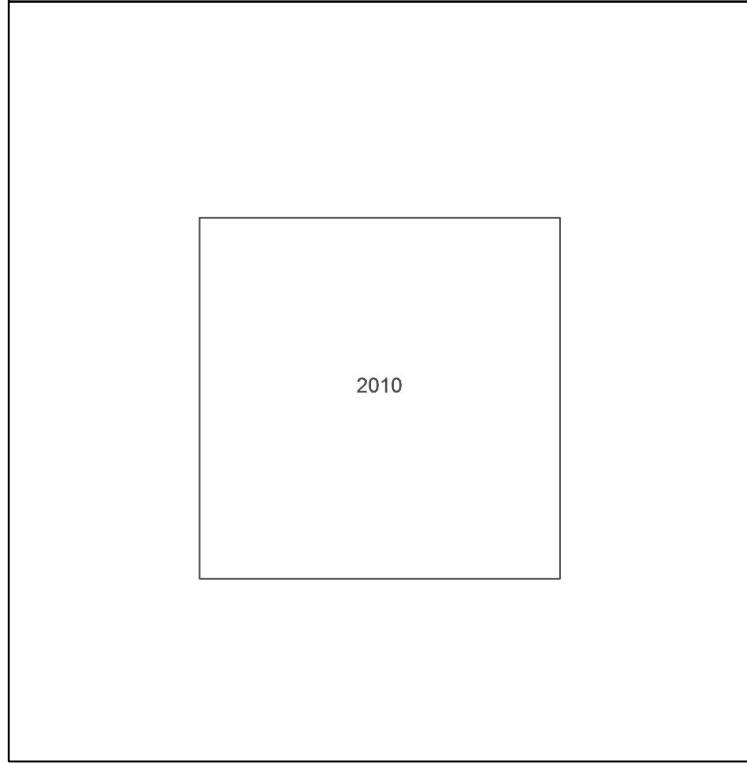
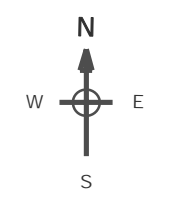
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Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

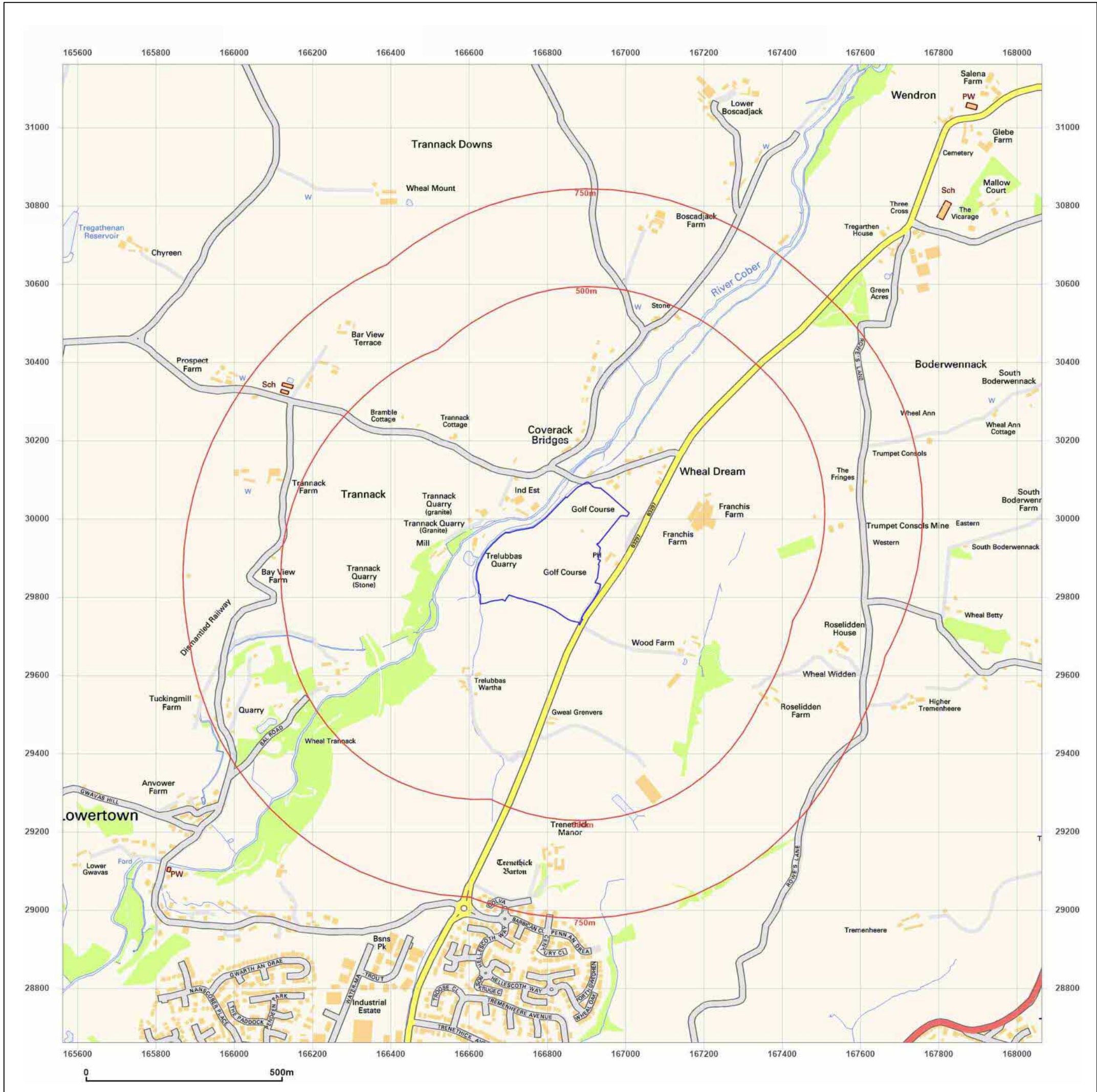


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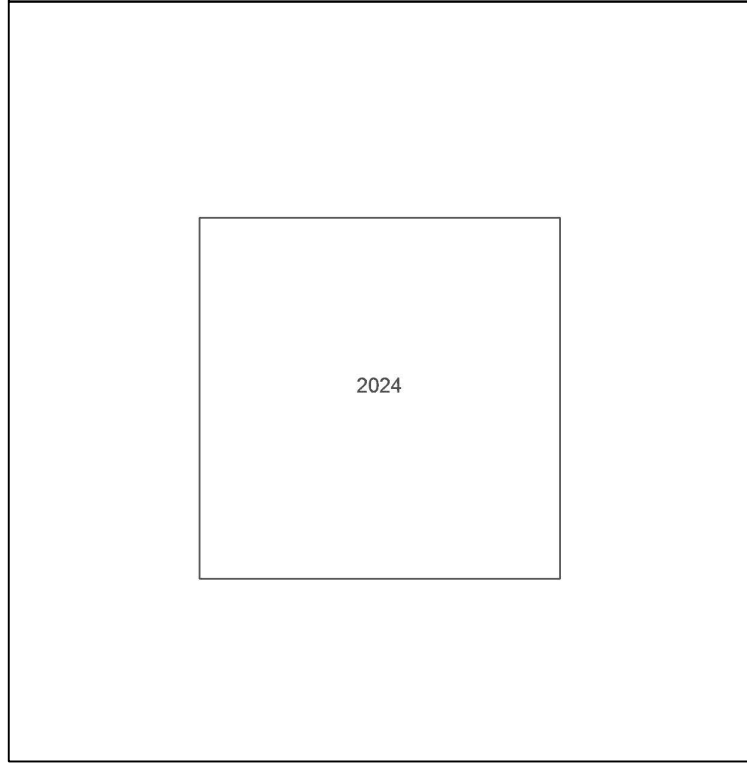
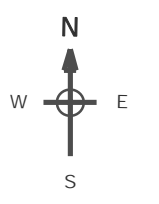
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Site Details:
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 Wendron, Helston TR13 0LR

Client Ref: 9314 Wendron, Helston
 Report Ref: GS-WN5-I5K-XNI-SN8
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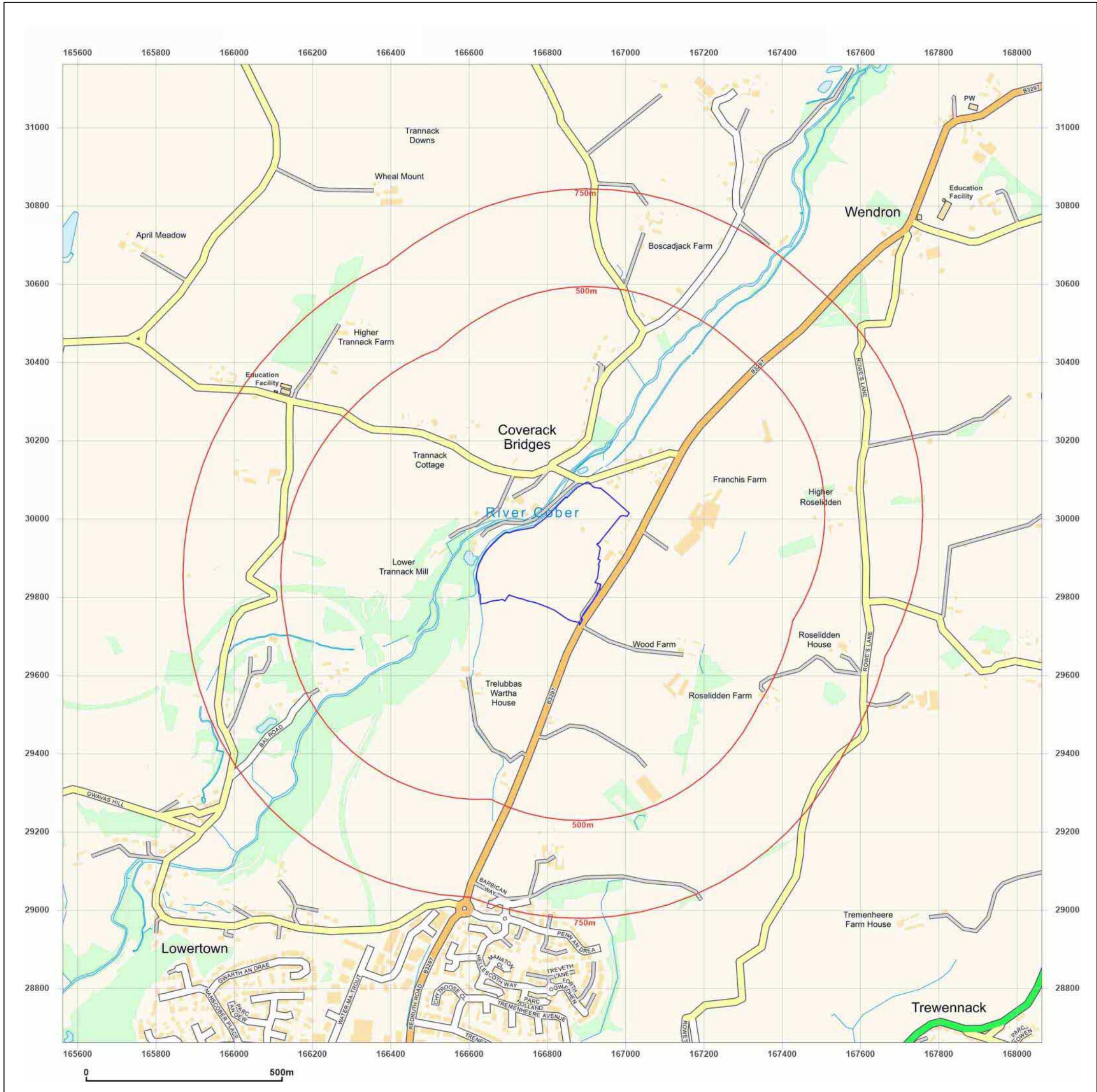


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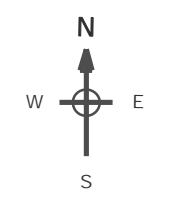
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Report Ref: GS-WN5-I5K-XNI-SN8_2500
Grid Ref: 166813, 29912

Map Name: County Series

Map date: 1881

Scale: 1:2,500

Printed at: 1:2,500



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

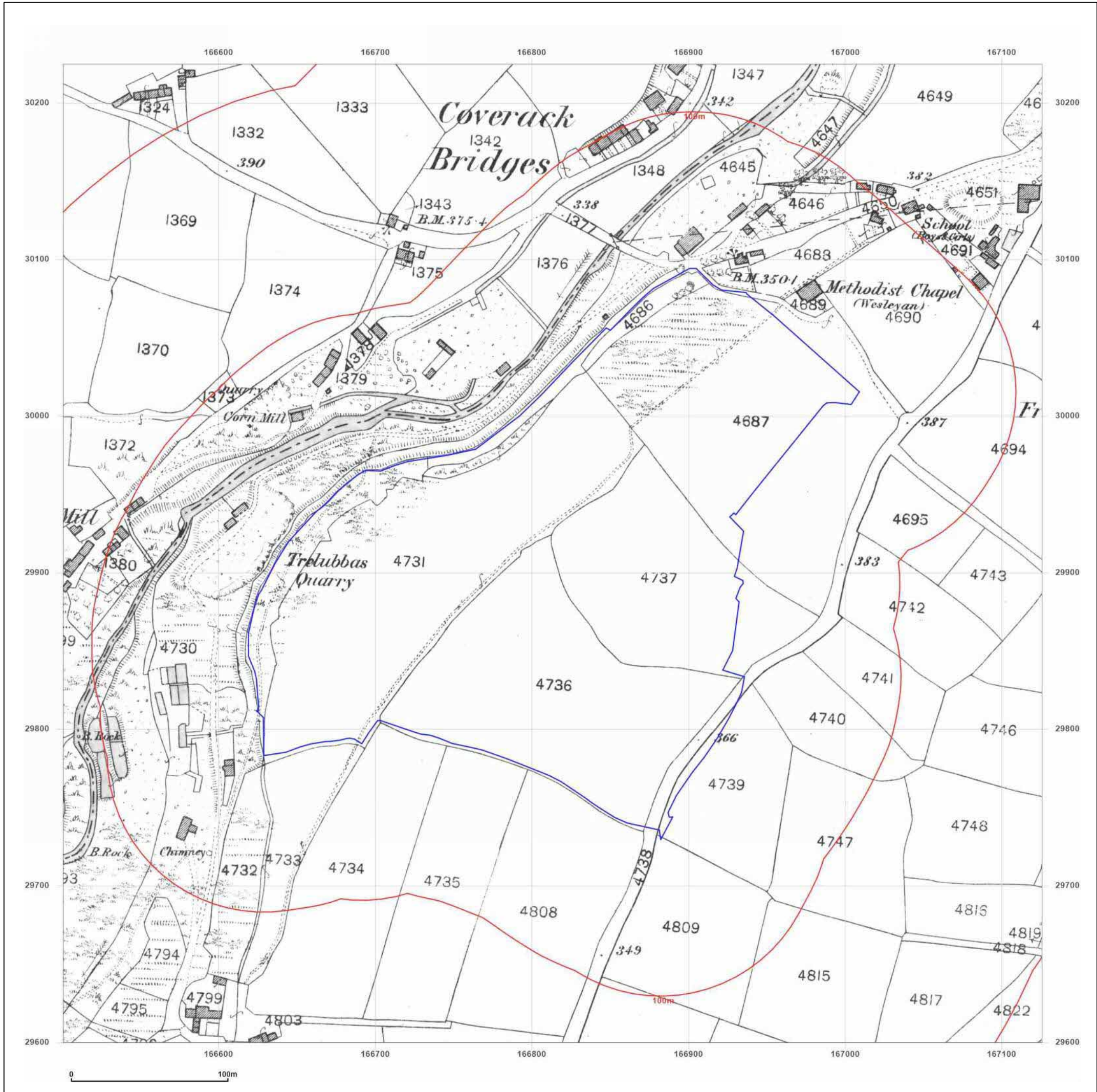


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Site Details:

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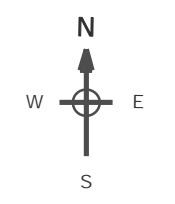
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Report Ref: GS-WN5-I5K-XNI-SN8_2500
Grid Ref: 166813, 29912

Map Name: County Series

Map date: 1908

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1908
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

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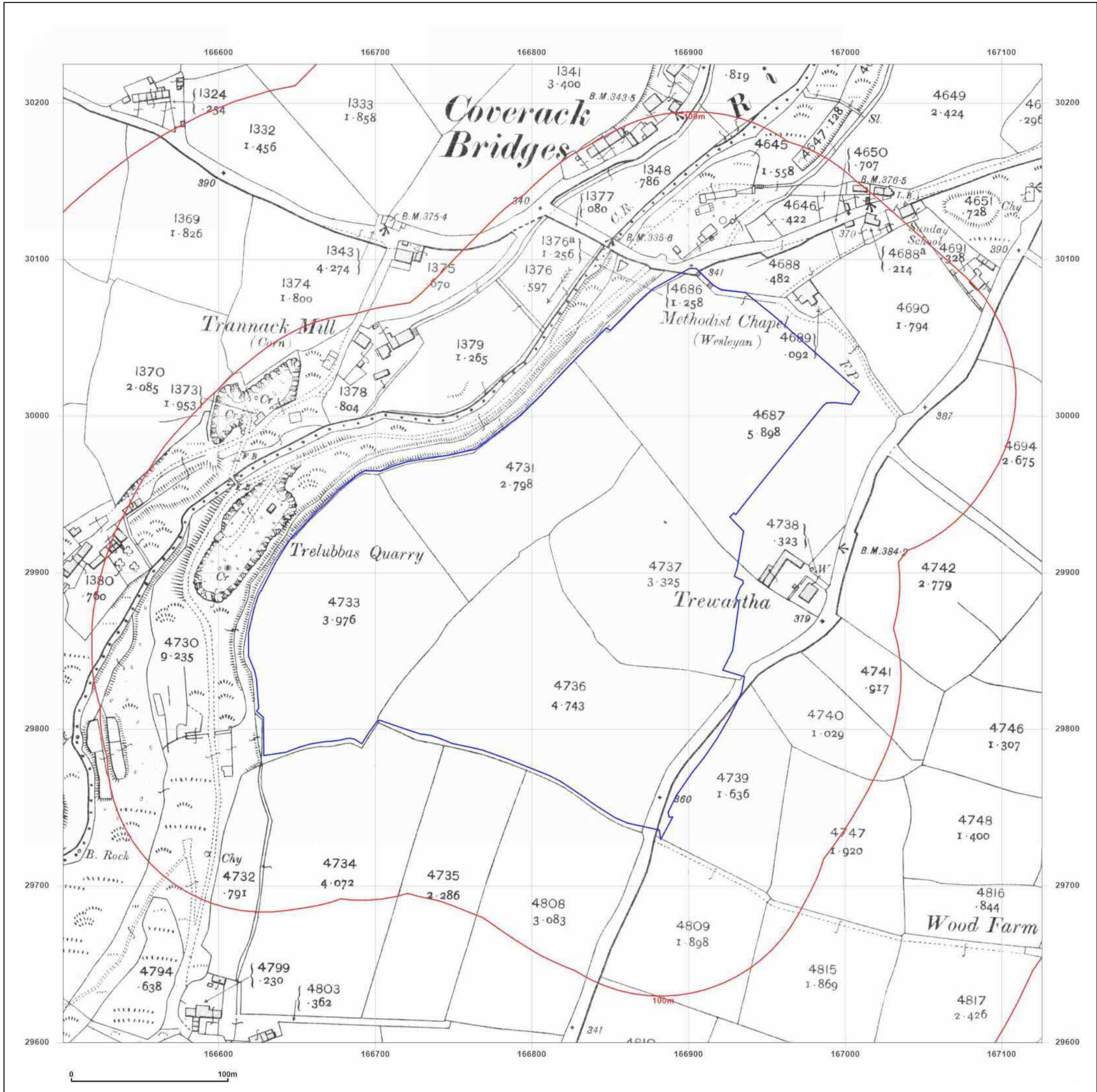


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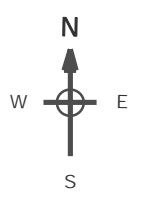
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Site Details:
 Whealdream Golf Club,
 Wendron, Helston TR13 0LR

Client Ref: 9314 Wendron, Helston
 Report Ref: GS-WN5-I5K-XNI-SN8_2500
 Grid Ref: 166813, 29912

Map Name: National Grid
 Map date: 1971-1973
 Scale: 1:2,500
 Printed at: 1:2,500



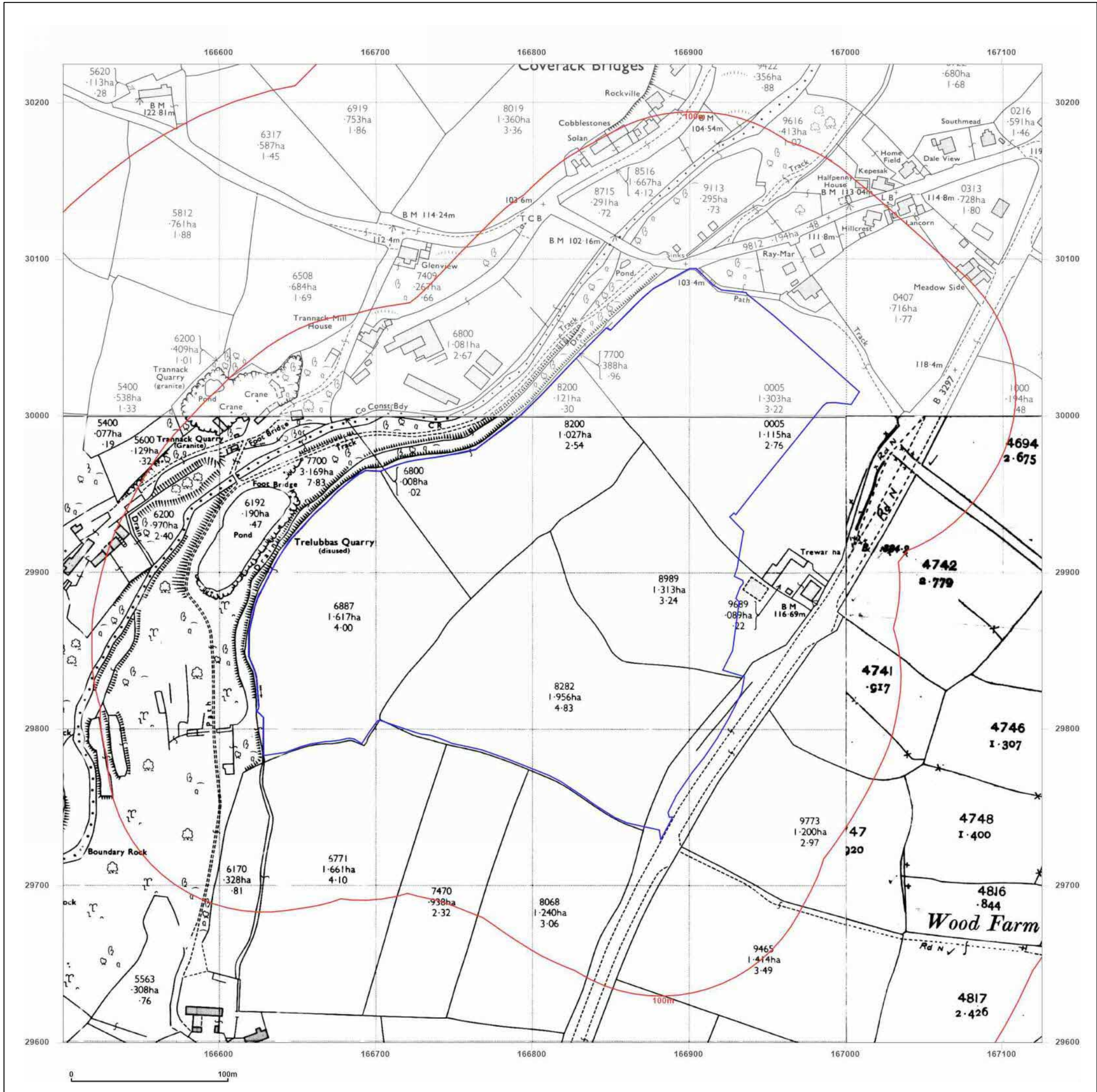
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Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A

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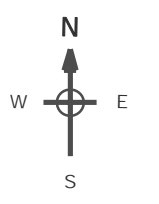


Site Details:

Whealdream Golf Club,
Wendron, Helston TR13 0LR

Client Ref: 9314 Wendron, Helston
Report Ref: GS-WN5-I5K-XNI-SN8_2500
Grid Ref: 166813, 29912

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



<p>Surveyed 1995 Revised N/A Edition N/A Copyright 1995 Levelled N/A</p>	<p>Surveyed 1995 Revised N/A Edition N/A Copyright 1995 Levelled N/A</p>
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