

Appendix B Environmental and Geological Data Report

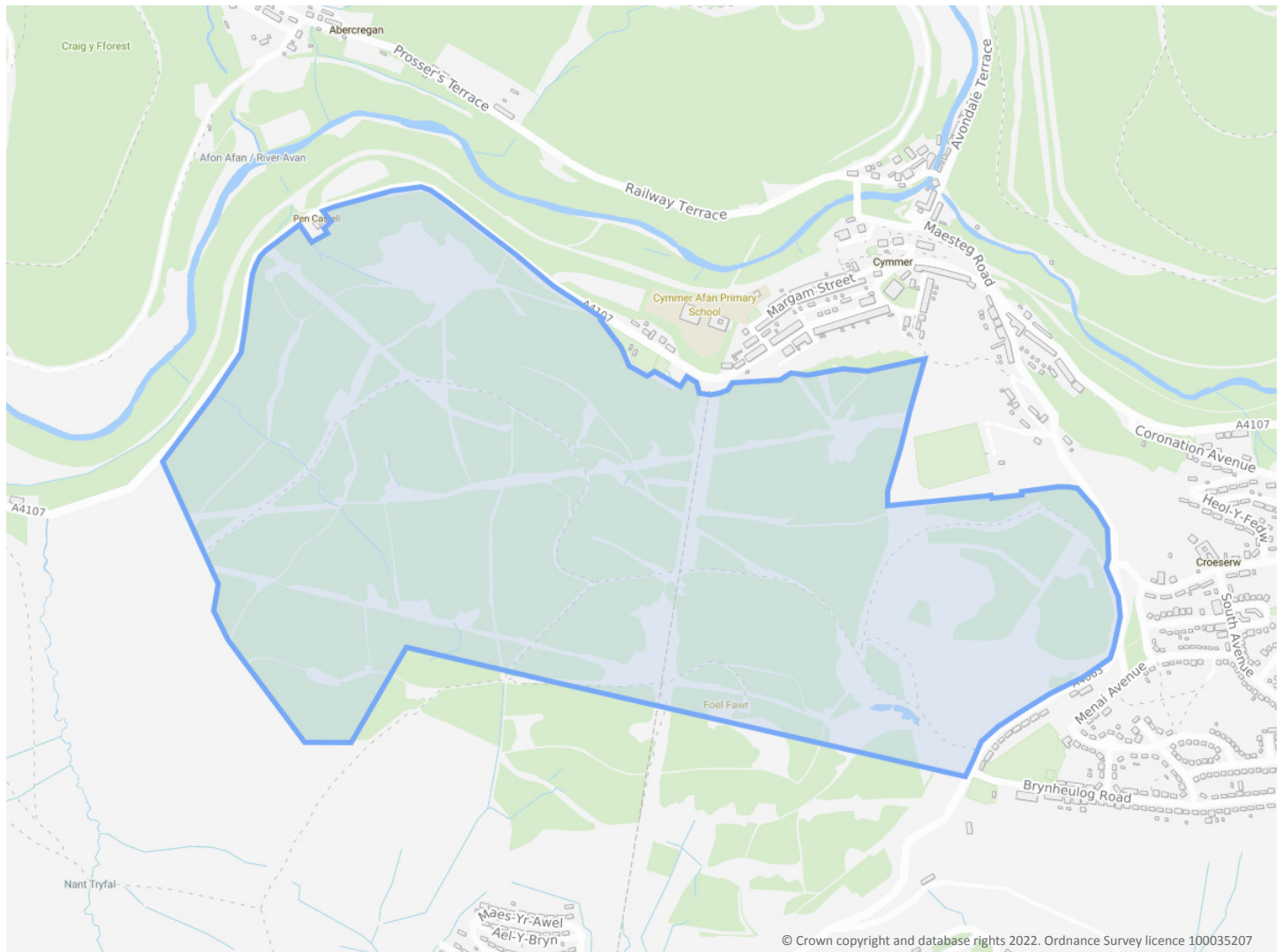
Proposed Leisure Development, Afan Valley, SA13 3ES

Order Details

Date: 16/03/2022
Your ref: 8053_mte_10508
Our Ref: ESP-8597137
Client: Danilo Bettosi

Site Details

Location: 285523 195668
Area: 128.56 ha
Authority: [Castell-nedd Port Talbot - Neath Port Talbot County Borough](#), [Pen-y-bont ar Ogwr - Bridgend County Borough Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	Historical industrial land uses	60	48	104	111	-
25	1.2	Historical tanks	0	0	2	7	-
26	1.3	Historical energy features	0	1	5	9	-
27	1.4	Historical petrol stations	0	0	0	0	-
27	1.5	Historical garages	0	5	1	2	-
28	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
29	2.1	Historical industrial land uses	92	67	146	161	-
46	2.2	Historical tanks	0	0	2	9	-
47	2.3	Historical energy features	0	1	5	11	-
48	2.4	Historical petrol stations	0	0	0	0	-
48	2.5	Historical garages	0	6	2	2	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
49	3.1	Active or recent landfill	0	0	0	0	-
49	3.2	Historical landfill (BGS records)	0	0	0	0	-
50	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
50	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
50	3.5	Historical waste sites	0	0	0	0	-
50	3.6	Licensed waste sites	0	0	16	0	-
55	3.7	Waste exemptions	0	0	15	0	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
57	4.1	Recent industrial land uses	2	2	14	-	-
59	4.2	Current or recent petrol stations	0	0	1	0	-
59	4.3	Electricity cables	0	0	0	0	-
59	4.4	Gas pipelines	0	0	0	0	-
59	4.5	Sites determined as Contaminated Land	0	0	0	0	-



59	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
60	4.7	Regulated explosive sites	0	0	0	0	-
60	4.8	Hazardous substance storage/usage	0	0	0	0	-
60	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
60	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
60	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	1	0	-
61	4.12	Radioactive Substance Authorisations	0	0	0	0	-
61	4.13	<u>Licensed Discharges to controlled waters</u>	1	0	8	16	-
65	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
65	4.15	Pollutant release to public sewer	0	0	0	0	-
65	4.16	List 1 Dangerous Substances	0	0	0	0	-
65	4.17	List 2 Dangerous Substances	0	0	0	0	-
65	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	1	1	20	-
68	4.19	Pollution inventory substances	0	0	0	0	-
68	4.20	Pollution inventory waste transfers	0	0	0	0	-
68	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
69	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
71	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
73	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
76	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
76	5.5	Groundwater vulnerability- local information	None (within 0m)				
77	5.6	Groundwater abstractions	0	0	0	0	0
78	5.7	<u>Surface water abstractions</u>	0	0	0	0	2
78	5.8	Potable abstractions	0	0	0	0	0
79	5.9	Source Protection Zones	0	0	0	0	-
79	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
80	6.1	<u>Water Network (OS MasterMap)</u>	14	9	26	-	-



84	6.2	<u>Surface water features</u>	1	5	16	-	-
85	6.3	<u>WFD Surface water body catchments</u>	3	-	-	-	-
85	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
86	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
87	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
87	7.2	Historical Flood Events	0	0	0	-	-
87	7.3	Flood Defences	0	0	0	-	-
88	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
88	7.5	Flood Storage Areas	0	0	0	-	-
89	7.6	Flood Zone 2	None (within 50m)				
89	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
90	8.1	<u>Surface water flooding</u>	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
92	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
93	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
94	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
94	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
94	10.4	Special Protection Areas (SPA)	0	0	0	0	0
94	10.5	National Nature Reserves (NNR)	0	0	0	0	0
95	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
95	10.7	<u>Designated Ancient Woodland</u>	2	2	6	10	36
97	10.8	Biosphere Reserves	0	0	0	0	0
97	10.9	<u>Forest Parks</u>	0	0	1	2	2
98	10.10	Marine Conservation Zones	0	0	0	0	0
98	10.11	Green Belt	0	0	0	0	0
98	10.12	Proposed Ramsar sites	0	0	0	0	0



98	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
99	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
99	10.15	Nitrate Sensitive Areas	0	0	0	0	0
99	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
100	10.17	SSSI Impact Risk Zones	0	-	-	-	-
100	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
101	11.1	World Heritage Sites	0	0	0	-	-
102	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
102	11.3	National Parks	0	0	0	-	-
102	11.4	Listed Buildings	0	0	1	-	-
103	11.5	Conservation Areas	0	0	0	-	-
103	11.6	Scheduled Ancient Monuments	0	0	0	-	-
103	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
104	12.1	Agricultural Land Classification	Grade 5 (within 250m)				
107	12.2	Open Access Land	0	1	2	-	-
107	12.3	Tree Felling Licences	0	0	0	-	-
108	12.4	Environmental Stewardship Schemes	0	0	0	-	-
108	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
109	13.1	Priority Habitat Inventory	0	0	0	-	-
109	13.2	Habitat Networks	0	0	0	-	-
109	13.3	Open Mosaic Habitat	0	0	0	-	-
109	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
110	14.1	10k Availability	Identified (within 500m)				
111	14.2	Artificial and made ground (10k)	0	0	0	0	-
112	14.3	Superficial geology (10k)	0	0	0	0	-

112	14.4	Landslip (10k)	0	0	0	0	-
113	14.5	Bedrock geology (10k)	0	0	0	0	-
113	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
114	15.1	<u>50k Availability</u>	Identified (within 500m)				
115	15.2	Artificial and made ground (50k)	0	0	0	0	-
115	15.3	Artificial ground permeability (50k)	0	0	-	-	-
116	15.4	<u>Superficial geology (50k)</u>	2	2	1	1	-
117	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
117	15.6	<u>Landslip (50k)</u>	2	1	0	1	-
118	15.7	<u>Landslip permeability (50k)</u>	Identified (within 50m)				
119	15.8	<u>Bedrock geology (50k)</u>	6	0	6	9	-
121	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
121	15.10	<u>Bedrock faults and other linear features (50k)</u>	11	1	12	10	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
123	16.1	<u>BGS Boreholes</u>	0	0	16	-	-
Page	Section	Natural ground subsidence					
125	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
127	17.2	<u>Running sands</u>	Very low (within 50m)				
129	17.3	<u>Compressible deposits</u>	High (within 50m)				
130	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
132	17.5	<u>Landslides</u>	High (within 50m)				
134	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
136	18.1	Natural cavities	0	0	0	0	-
137	18.2	<u>BritPits</u>	2	2	12	10	-
142	18.3	<u>Surface ground workings</u>	87	47	116	-	-
151	18.4	<u>Underground workings</u>	10	7	29	12	98
157	18.5	Historical Mineral Planning Areas	0	0	0	0	-



157	18.6	<u>Non-coal mining</u>	0	0	1	1	0
157	18.7	Mining cavities	0	0	0	0	0
158	18.8	JPB mining areas	None (within 0m)				
158	18.9	<u>Coal mining</u>	Identified (within 0m)				
158	18.10	Brine areas	None (within 0m)				
158	18.11	Gypsum areas	None (within 0m)				
158	18.12	Tin mining	None (within 0m)				
159	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
160	19.1	<u>Radon</u>	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
162	20.1	<u>BGS Estimated Background Soil Chemistry</u>	43	10	-	-	-
165	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
165	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
166	21.1	Underground railways (London)	0	0	0	-	-
166	21.2	Underground railways (Non-London)	0	0	0	-	-
167	21.3	Railway tunnels	0	0	0	-	-
167	21.4	<u>Historical railway and tunnel features</u>	10	23	9	-	-
169	21.5	Royal Mail tunnels	0	0	0	-	-
169	21.6	<u>Historical railways</u>	1	2	9	-	-
170	21.7	Railways	0	0	0	-	-
170	21.8	Crossrail 1	0	0	0	0	-
170	21.9	Crossrail 2	0	0	0	0	-
170	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 14/04/2020

Site Area: 128.56ha



Recent site history - 2017 aerial photograph



Capture Date: 26/05/2017

Site Area: 128.56ha



Recent site history - 2012 aerial photograph

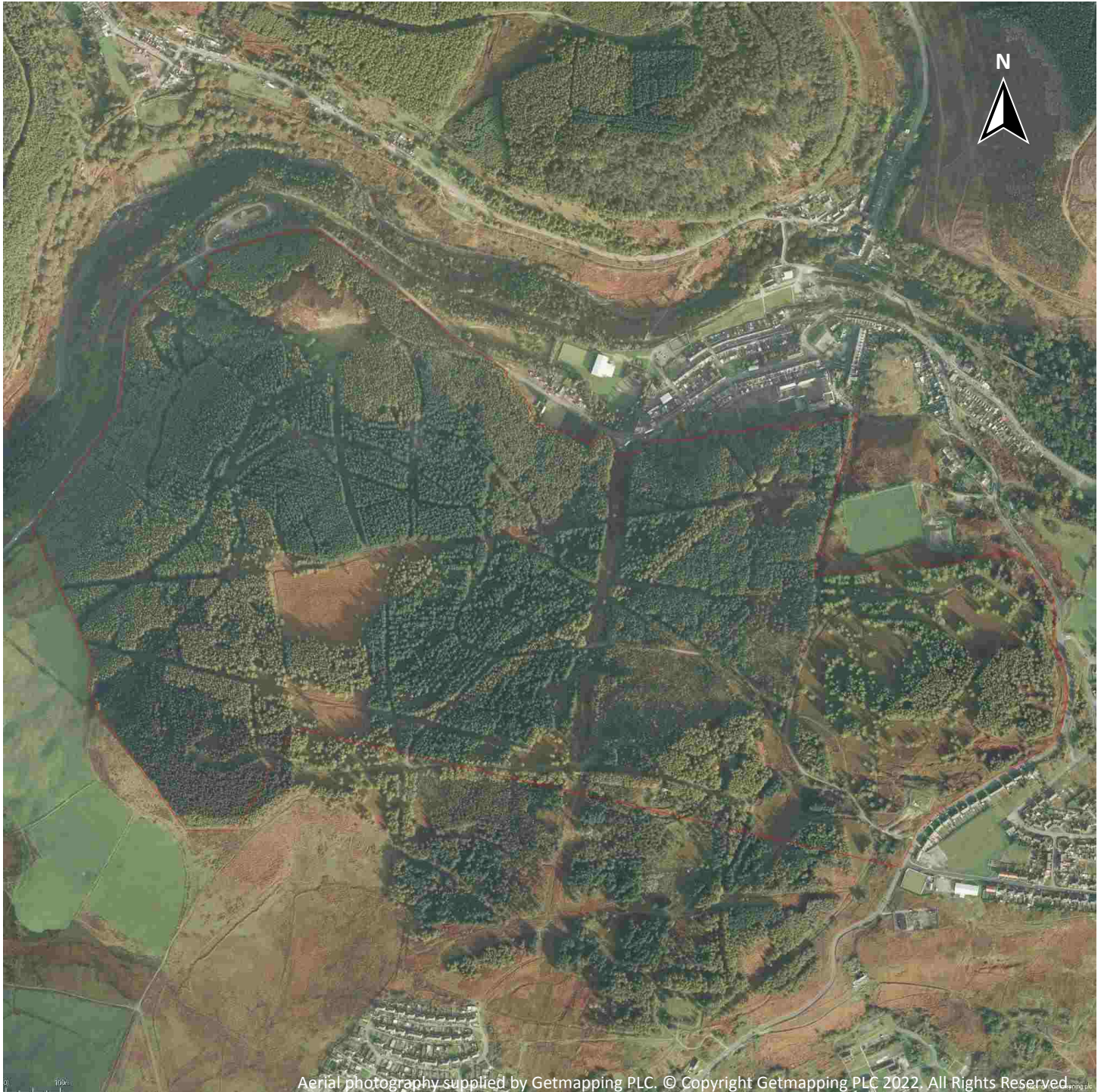


Capture Date: 26/05/2012

Site Area: 128.56ha



Recent site history - 2009 aerial photograph



Capture Date: 13/10/2009

Site Area: 128.56ha



Recent site history - 2000 aerial photograph

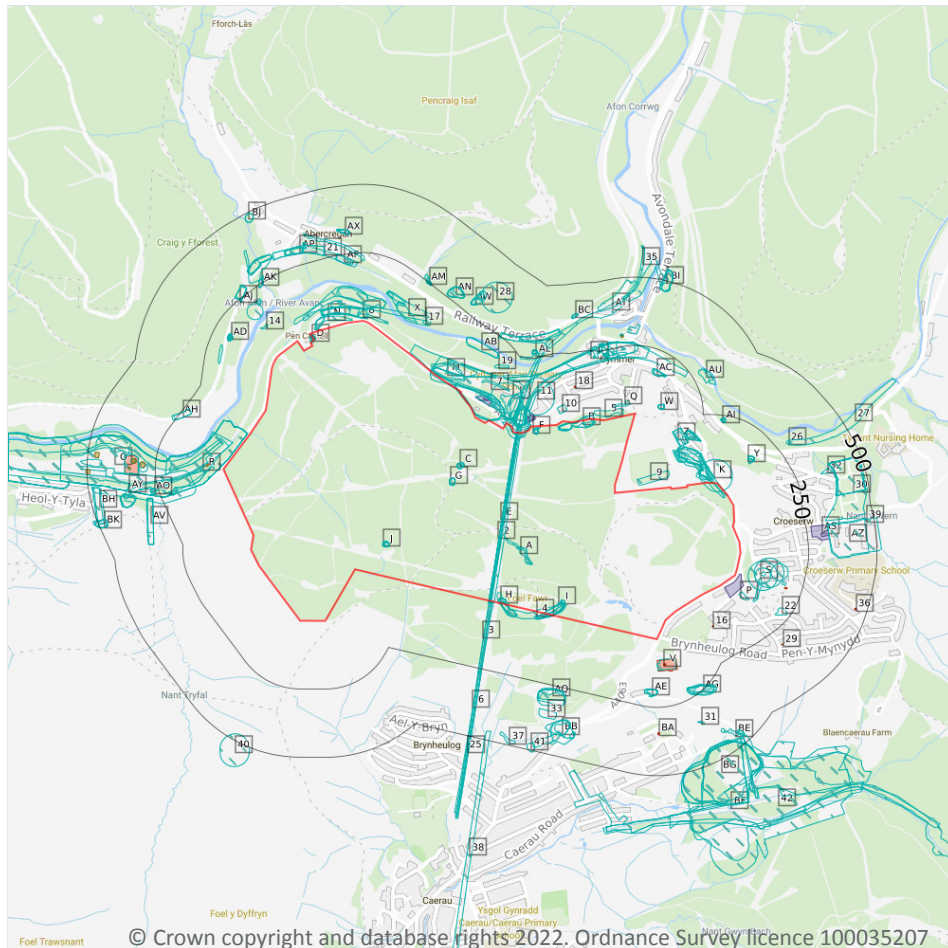


Capture Date: 18/06/2000

Site Area: 128.56ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

323

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
1	On site	Tunnel	1877	370565



ID	Location	Land use	Dates present	Group ID
2	On site	Tunnel	1965	344650
3	On site	Tunnel	1921 - 1947	348753
4	On site	Unspecified Ground Workings	1897	363872
A	On site	Unspecified Quarry	1948	325715
A	On site	Unspecified Ground Workings	1965	333965
B	On site	Unspecified Old Quarries	1948	329318
B	On site	Unspecified Quarries	1897 - 1921	345395
B	On site	Unspecified Pit	1965 - 1981	364758
B	On site	Unspecified Quarries	1938	364649
B	On site	Unspecified Ground Workings	1965 - 1981	367395
C	On site	Unspecified Ground Workings	1914	333958
C	On site	Unspecified Pit	1965 - 1981	351039
C	On site	Unspecified Pit	1914 - 1938	359881
C	On site	Unspecified Pit	1948	369441
D	On site	Unspecified Ground Workings	1914	333959
D	On site	Unspecified Pit	1938	351646
D	On site	Unspecified Pit	1921	373697
D	On site	Unspecified Pit	1948	378498
E	On site	Tunnel	1948	339307
E	On site	Tunnel	1938	353469
E	On site	Tunnel	1897 - 1914	365849
F	On site	Unspecified Quarry	1897	325717
F	On site	Refuse Heap	1938	341967
F	On site	Unspecified Pit	1921	342120
F	On site	Unspecified Old Quarry	1948	345987
F	On site	Unspecified Old Quarry	1914 - 1921	346071
F	On site	Colliery	1914 - 1921	349652
F	On site	Unspecified Old Quarry	1938	358819



ID	Location	Land use	Dates present	Group ID
F	On site	Unspecified Pit	1938	360802
F	On site	Refuse Heap	1921	368216
F	On site	Unspecified Pit	1965 - 1981	368747
F	On site	Colliery	1897	375073
F	On site	Cuttings	1877 - 1897	377025
F	On site	Colliery	1938	379545
G	On site	Unspecified Pit	1938	342032
G	On site	Unspecified Pit	1965	347651
G	On site	Unspecified Pit	1897 - 1921	365843
G	On site	Unspecified Pit	1948	369823
H	On site	Unspecified Pit	1938	344284
H	On site	Unspecified Ground Workings	1947	345681
H	On site	Unspecified Pit	1948	361147
H	On site	Unspecified Pit	1965 - 1981	369133
H	On site	Unspecified Pit	1897 - 1914	370099
H	On site	Unspecified Pit	1921	374442
I	On site	Unspecified Ground Workings	1897 - 1914	352306
I	On site	Unspecified Ground Workings	1947	357780
I	On site	Unspecified Ground Workings	1921	358877
I	On site	Unspecified Ground Workings	1921	366618
I	On site	Unspecified Pit	1981	367686
I	On site	Unspecified Ground Workings	1948	377682
I	On site	Unspecified Pit	1965	378812
J	On site	Unspecified Quarry	1877	325716
J	On site	Unspecified Heap	1938	352891
J	On site	Unspecified Pit	1965 - 1981	357854
J	On site	Unspecified Pit	1914 - 1921	358003
J	On site	Unspecified Pit	1948	370408



ID	Location	Land use	Dates present	Group ID
K	On site	Unspecified Heap	1877	327340
K	On site	Unspecified Quarry	1921	365945
K	On site	Unspecified Quarry	1948	369755
5	1m N	Unspecified Quarries	1897	338303
6	3m S	Tunnel	1897	343988
L	4m NE	Railway Sidings	1897 - 1914	352409
L	4m NE	Railway Sidings	1921	363635
M	4m NE	Refuse Heap	1921	353447
7	5m NE	Railway Sidings	1938	340987
N	6m N	Unspecified Ground Workings	1948	373214
K	8m N	Unspecified Ground Workings	1965	333971
O	8m NW	Colliery	1948	339336
O	8m NW	Colliery	1938	339337
O	8m NW	Colliery	1948	339338
O	8m NW	Colliery	1938	339339
O	8m NW	Colliery	1914 - 1921	368266
N	8m N	Unspecified Ground Workings	1988	341945
N	8m N	Unspecified Ground Workings	1964	356622
N	9m N	Cuttings	1965 - 1981	341587
K	10m N	Unspecified Quarry	1897	342414
M	10m NE	Refuse Heap	1938	364570
N	10m N	Cuttings	1914 - 1921	374799
8	11m N	Unspecified Quarry	1897	325719
K	11m N	Unspecified Disused Quarry	1981	319475
K	13m N	Unspecified Quarry	1914	379942
K	14m N	Unspecified Quarry	1938	360494
F	15m NE	Cuttings	1914 - 1921	362499
N	16m N	Cuttings	1948	371391



ID	Location	Land use	Dates present	Group ID
F	17m NE	Cuttings	1938	374440
N	19m N	Cuttings	1938	371909
9	19m N	Unspecified Pit	1965 - 1981	369543
F	20m NE	Unspecified Heap	1965 - 1981	356404
F	21m NE	Cuttings	1965	373683
F	23m NE	Unspecified Heap	1914 - 1938	341143
F	24m NE	Cuttings	1948	343786
F	24m NE	Unspecified Heap	1948	341114
M	26m NE	Unspecified Heap	1965 - 1981	353668
N	28m N	Cuttings	1897	350038
F	28m N	Coal Level	1897	338456
10	29m N	Police Station	1965 - 1981	372154
O	32m NW	Railway Sidings	1964 - 1988	346393
Q	34m N	Unspecified Ground Workings	1914 - 1921	378758
O	35m NW	Railway Sidings	1914 - 1948	379131
R	35m W	Brick Works	1897	322746
F	38m NE	Garage	1981	338046
F	39m N	Unspecified Station	1981	322168
11	41m N	Ambulance Station	1981	338011
S	44m E	Old Trial Level	1921	361672
N	46m N	Railway Sidings	1897	337562
N	46m N	Unspecified Ground Workings	1948	362964
T	48m NW	Railway Sidings	1948 - 1965	355535
F	51m N	Unspecified Heap	1897	327337
N	53m N	Unspecified Ground Workings	1938	369340
O	58m NW	Railway Sidings	1938	347458
P	63m SE	Unspecified Pit	1965 - 1981	354370
S	64m E	Trial Level	1877	337909



ID	Location	Land use	Dates present	Group ID
U	64m W	Tramway Sidings	1897	324164
U	64m W	Colliery	1897	346186
N	65m N	Unspecified Heap	1914 - 1938	356625
N	67m N	Unspecified Heap	1914 - 1921	364955
K	68m N	Unspecified Quarry	1897	379554
12	69m NW	Refuse Heap	1938	348920
S	69m E	Old Trial Level	1914	348791
F	72m NE	Unspecified Ground Workings	1948	333962
V	76m S	Electric Substation	1981	326409
F	84m NE	Unspecified Ground Workings	1965	333963
W	88m E	Unspecified Quarry	1897	325718
W	88m E	Unspecified Old Quarry	1948	344858
W	88m E	Unspecified Old Quarry	1914 - 1921	369551
W	88m E	Unspecified Old Quarry	1938	356744
13	89m E	Unspecified Ground Workings	1965 - 1981	361466
X	90m NE	Colliery	1897	330843
S	91m E	Old Trial Level	1938	344244
X	93m NE	Unspecified Heap	1981	327373
14	108m NW	Old Trial Level	1948	328544
X	111m NE	Unspecified Ground Workings	1948	333955
O	120m SW	Unspecified Mine	1964 - 1988	375709
17	120m NE	Engine House	1897	320413
X	122m NE	Unspecified Old Quarry	1914 - 1921	343981
S	124m E	Old Trial Level	1897	367117
X	125m NE	Unspecified Old Quarry	1938	378108
Y	136m NE	Old Trial Level	1938	361174
Y	136m NE	Trial Level	1877	337910
Z	144m N	Isolation Hospital	1914 - 1921	363552



ID	Location	Land use	Dates present	Group ID
Z	144m N	Isolation Hospital	1938	359269
Y	145m NE	Old Trial Level	1897 - 1921	365228
Y	145m NE	Old Trial Level	1948	372232
Y	148m NE	Disused Trial Level	1981	321747
Z	150m N	Disused Isolation Hospital	1948	322384
AA	151m NW	Old Trial Level	1914 - 1921	364003
Z	153m N	Unspecified Quarry	1938	358134
19	154m NE	Unspecified Ground Workings	1948	333964
Z	155m N	Unspecified Old Quarry	1948	330444
Z	156m N	Unspecified Quarry	1914 - 1921	350776
AB	157m NE	Unspecified Old Level	1948	372535
L	158m N	Railway Building	1938	323692
AB	159m NE	Unspecified Old Level	1914 - 1938	371959
AC	159m NE	Unspecified Old Quarry	1914 - 1921	360088
AC	160m NE	Unspecified Old Quarry	1948	345051
AC	162m NE	Unspecified Old Quarry	1938	343032
Z	167m N	Unspecified Pits	1877	321882
S	174m E	Old Trial Level	1948	328527
AD	174m NW	Old Trial Level	1897	345552
AD	174m NW	Old Trial Level	1921	370074
AD	179m NW	Unspecified Disused Level	1964 - 1988	364909
AD	181m NW	Old Trial Level	1948	362183
AE	183m S	Unspecified Quarry	1921 - 1973	365248
U	184m SW	Unspecified Ground Workings	1897	333961
AD	184m NW	Old Trial Level	1914	354012
AE	185m S	Unspecified Quarry	1921	368243
AE	186m S	Unspecified Quarries	1897	338307
20	190m W	Old Trial Level	1938	344761



ID	Location	Land use	Dates present	Group ID
AA	192m NW	Old Trial Level	1897	328543
AA	193m NW	Unspecified Disused Level	1964 - 1988	368697
21	200m N	Cuttings	1877	342369
22	201m SE	Unspecified Heap	1965	327342
AF	208m N	Cuttings	1914 - 1921	346019
T	210m N	Cuttings	1938	336996
AG	210m SE	Unspecified Quarry	1921	356841
AF	212m N	Cuttings	1938	357987
AG	212m SE	Unspecified Disused Quarry	1973	319489
AG	212m SE	Unspecified Ground Workings	1965	333967
AG	212m SE	Unspecified Quarry	1921 - 1947	347494
AH	216m NW	Cuttings	1914 - 1921	370396
AH	216m NW	Cuttings	1938	340990
23	220m N	Unspecified Ground Workings	1914	333956
T	223m N	Railway Station	1965	373224
T	223m N	Railway Building	1938 - 1948	376969
AI	224m N	Trial Levels	1948	348539
T	224m N	Railway Station	1897	331990
AI	225m N	Trial Levels	1914 - 1921	369962
T	225m N	Fire Station	1981	331001
AI	226m N	Trial Levels	1938	352223
T	226m N	Railway Station	1948	371597
T	227m N	Railway Building	1938 - 1948	339663
T	229m N	Railway Station	1921 - 1938	362801
AG	230m SE	Unspecified Quarries	1897	338306
T	230m N	Railway Station	1897	344742
T	230m N	Railway Station	1914	376891
T	235m N	Railway Building	1938 - 1948	350757



ID	Location	Land use	Dates present	Group ID
T	238m N	Railway Building	1938	323672
AJ	238m NW	Old Trial Level	1938	372088
AK	238m NW	Unspecified Old Quarry	1948	342464
AK	238m NW	Unspecified Old Quarry	1897 - 1921	345141
AK	240m NW	Unspecified Old Quarry	1938	371247
T	241m N	Railway Station	1921 - 1938	371357
AL	242m N	Unspecified Old Quarry	1948	360418
AJ	244m NW	Cuttings	1948	357825
AM	244m NE	Unspecified Quarries	1921 - 1938	346780
AJ	244m NW	Cuttings	1914 - 1921	365290
AJ	245m NW	Cuttings	1938	353506
24	246m NE	Railway Sidings	1948	360098
AM	246m NE	Unspecified Ground Workings	1914	333954
AM	248m NE	Unspecified Disused Quarries	1948	320742
T	248m N	Railway Station	1948	361595
AN	254m NE	Unspecified Quarries	1914 - 1921	347888
AO	256m W	Unspecified Heap	1914 - 1938	380090
AO	256m W	Unspecified Heap	1948	360445
AN	257m NE	Unspecified Disused Quarries	1948	320743
AN	258m NE	Unspecified Quarries	1938	357342
AL	260m N	Unspecified Pit	1965 - 1981	340073
AP	260m N	Railway Sidings	1988	374032
AP	260m N	Railway Sidings	1964	379178
AQ	261m S	Unspecified Ground Workings	1965	333913
AQ	261m S	Unspecified Disused Quarry	1973	319491
AL	263m N	Unspecified Old Quarry	1914 - 1921	340662
AQ	264m S	Unspecified Quarry	1921 - 1947	367324
AR	264m NW	Unspecified Ground Workings	1964 - 1988	353040



ID	Location	Land use	Dates present	Group ID
AQ	264m S	Unspecified Quarry	1921	366619
AL	265m N	Unspecified Old Quarry	1938	346753
T	266m N	Railway Station	1948	342502
25	267m S	Tunnel	1965	358683
AT	271m N	Railway Sidings	1877	342044
AU	275m NE	Woollen Factory	1877	324065
O	278m W	Unspecified Tank	1938	366932
AN	280m NE	Unspecified Disused Quarry	1981	319474
AV	281m W	Cuttings	1921 - 1938	350349
AV	281m SW	Cuttings	1964 - 1988	377278
AV	282m W	Cuttings	1948	359185
AW	283m NE	Old Trial Levels	1921	355212
AW	283m NE	Old Trial Levels	1948	378559
AW	284m NE	Old Trial Levels	1921 - 1948	345265
AW	285m NE	Old Trial Levels	1897 - 1914	342471
O	286m W	Unspecified Tank	1948 - 1988	366039
T	287m N	Unspecified Tank	1938	355098
T	287m N	Unspecified Tank	1914	358713
26	287m NE	Unspecified Pit	1877	336080
27	291m NE	Railway Sidings	1938	356215
T	291m N	Telephone Exchange	1981	328129
AP	292m N	Cuttings	1914 - 1921	350642
AP	292m N	Cuttings	1948	353244
AP	294m N	Cuttings	1938	350984
AR	294m NW	Cuttings	1877	336994
AU	295m E	Unspecified Disused Factory	1897	322148
AR	298m NW	Unspecified Pit	1897 - 1921	341987
AR	298m NW	Unspecified Pit	1948	374301



ID	Location	Land use	Dates present	Group ID
AR	300m NW	Unspecified Pits	1938	342215
AP	302m N	Unspecified Ground Workings	1914	342308
AP	304m N	Unspecified Ground Workings	1948	360209
28	305m NE	Unspecified Disused Levels	1965 - 1981	371653
O	311m W	Unspecified Commercial/Industrial	1948	331163
O	313m W	Gas Works	1914 - 1921	354067
AX	319m N	Unspecified Quarry	1914 - 1921	366345
AX	321m N	Unspecified Disused Quarry	1948	319477
AX	322m N	Unspecified Quarry	1938	357261
O	325m W	Unspecified Tank	1938	320131
30	325m E	Cemetery	1965 - 1981	360983
AR	326m NW	Unspecified Ground Workings	1948	333957
O	326m W	Gasometer	1914 - 1921	361336
AY	327m W	Railway Sidings	1897	351012
AZ	328m E	Unspecified Factory	1965	320649
AZ	328m E	Unspecified Works	1981	320911
AY	335m W	Unspecified Ground Workings	1964 - 1988	376172
31	338m SE	Unspecified Quarries	1897	338305
AY	341m W	Unspecified Quarry	1897	325720
AY	341m W	Unspecified Old Quarry	1914 - 1921	369440
AY	341m W	Unspecified Old Quarry	1948	377758
32	342m E	Unspecified Heap	1981	327341
33	344m S	Unspecified Heap	1965	327339
O	351m W	Refuse Heap	1938	368663
AY	355m W	Unspecified Old Quarry	1938	365564
BB	362m S	Unspecified Quarry	1921	379047
BB	364m S	Unspecified Quarry	1947	379614
BB	364m S	Unspecified Disused Quarry	1973	319490



ID	Location	Land use	Dates present	Group ID
BB	371m S	Unspecified Heap	1897	327338
BC	373m N	Unspecified Old Quarry	1938 - 1948	360201
BC	375m N	Unspecified Old Quarry	1914 - 1921	364382
BD	375m E	Cemetery	1914 - 1921	340642
BD	378m E	Cemetery	1938	355780
BD	378m E	Cemetery	1948	368629
AT	392m N	Railway Sidings	1897 - 1938	360099
BB	398m S	Unspecified Ground Workings	1965	333912
BE	406m SE	Unspecified Quarries	1897	338304
34	413m S	Unspecified Quarry	1876	353302
35	421m N	Unspecified Ground Workings	1948	333973
BF	444m SE	Unspecified Mine	1965 - 1973	363659
BG	444m SE	Unspecified Disused Tip	1973	332853
BE	445m SE	Unspecified Old Quarry	1921	378059
O	447m W	Refuse Heap	1938	341838
BE	447m SE	Unspecified Old Quarry	1921 - 1947	371913
BG	448m SE	Unspecified Heap	1965	327344
BF	453m SE	Colliery	1921	356615
BG	453m SE	Refuse Heap	1921	351308
BF	454m SE	Colliery	1897 - 1921	377068
BG	454m SE	Refuse Heap	1921	370983
BH	455m W	Tramway Sidings	1914 - 1921	352301
BF	455m SE	Colliery	1947	352333
BG	455m SE	Refuse Heap	1947	341096
37	458m S	Unspecified Quarry	1876	325713
BI	460m N	Unspecified Pit	1965 - 1981	363305
BH	461m W	Tram Sidings	1938	322778
BI	462m N	Unspecified Old Quarry	1921	342526



ID	Location	Land use	Dates present	Group ID
BI	462m N	Unspecified Quarry	1897 - 1914	369499
BI	462m N	Unspecified Old Quarry	1948	372261
BI	463m N	Unspecified Old Quarry	1938	374479
BJ	464m NW	Unspecified Heap	1948	341136
BJ	464m NW	Unspecified Heap	1914 - 1938	340505
BK	465m SW	Unspecified Pit	1964 - 1988	357611
38	466m S	Tunnel	1876	337376
BK	468m SW	Unspecified Quarry	1914 - 1921	362979
BK	468m SW	Unspecified Disused Quarry	1948	319471
BK	468m SW	Unspecified Quarry	1938	375295
40	472m SW	Trial Level	1877	337905
41	474m S	Unspecified Quarry	1921	369208
42	476m SE	Railway Sidings	1897 - 1921	377796
43	476m SE	Tramway Sidings	1897 - 1921	349131

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

9

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 13**

ID	Location	Land use	Dates present	Group ID
R	55m W	Tanks	1899	39647
15	110m NE	Unspecified Tank	1899	38391
T	284m N	Gasometer	1899 - 1919	40370
O	287m W	Unspecified Tank	1961 - 1971	43308



ID	Location	Land use	Dates present	Group ID
O	321m W	Gasometer	1919	39894
O	341m W	Tanks	1961	39648
AZ	361m E	Unspecified Tank	1970	38463
O	459m W	Unspecified Tank	1919	38389
O	489m W	Unspecified Tank	1971	38390

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

15

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
Q	48m N	Electricity Substation	1986	19442
V	78m S	Electricity Substation	1986	22330
V	94m S	Electricity Substation	1970	23064
16	117m SE	Electricity Substation	1986	19440
18	124m N	Electricity Substation	1987	19443
S	187m E	Electricity Transformer	1986	19907
T	284m N	Gasometer	1899 - 1919	21531
29	306m SE	Electricity Transformer	1986	19908
O	311m W	Urban District Council Gas Works	1919	19724
O	321m W	Gasometer	1919	20034
BA	343m S	Electricity Substation	1979	22282
BA	344m S	Electricity Substation	1984	21417
BA	345m S	Electricity Substation	1993	22902



ID	Location	Land use	Dates present	Group ID
36	455m E	Electricity Transformer	1970 - 1986	21037
39	470m E	Electricity Substation	1986	19441

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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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	8
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
P	13m SE	Garage	1986	6656
F	18m N	Garage	1987	7272
F	20m NW	Garage	1961 - 1971	7957
F	36m NE	Garage	1987	6774
F	43m NE	Garage	1971 - 1987	7633
F	57m NE	Garage	1961	7154
AS	267m E	Garage	1986	7070
AS	301m E	Garage	1970	7109

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

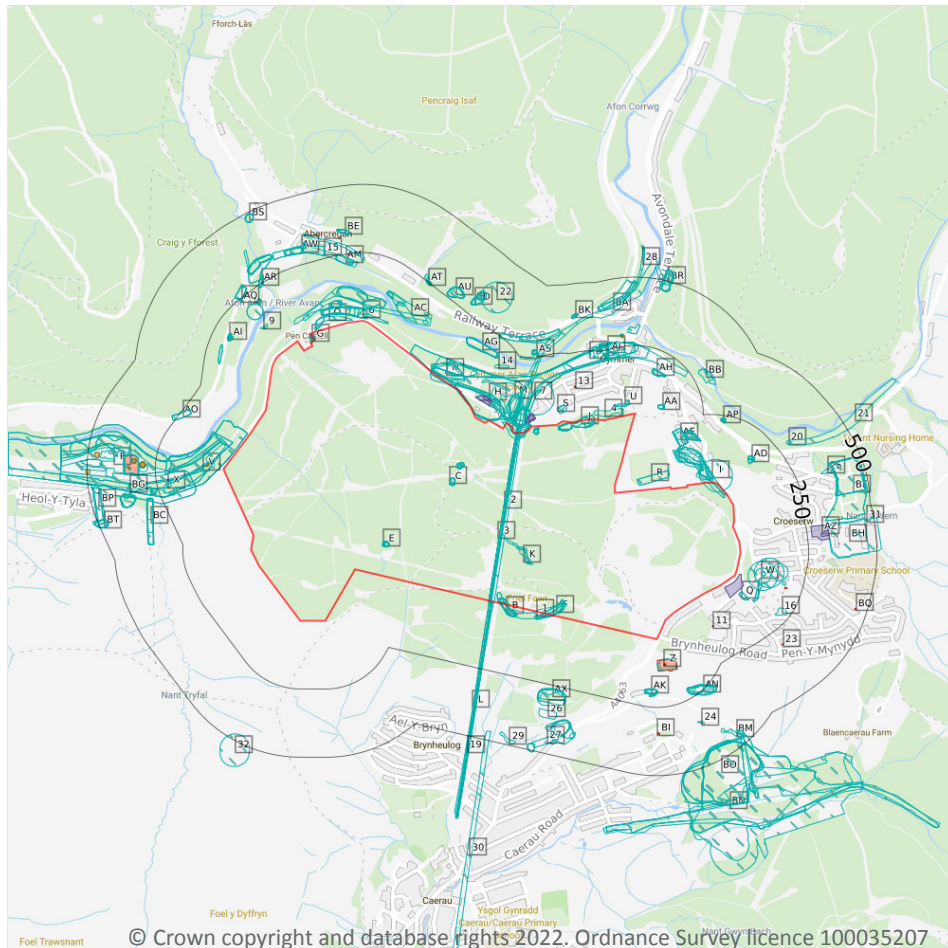
0

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

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

466

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 29**

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Ground Workings	1897	363872
2	On site	Tunnel	1877	370565
3	On site	Tunnel	1965	344650

ID	Location	Land Use	Date	Group ID
A	On site	Tunnel	1921	348753
A	On site	Tunnel	1938	353469
A	On site	Tunnel	1948	339307
A	On site	Tunnel	1914	365849
A	On site	Tunnel	1897	365849
B	On site	Unspecified Pit	1921	374442
B	On site	Unspecified Ground Workings	1947	345681
B	On site	Unspecified Pit	1948	361147
B	On site	Unspecified Pit	1914	370099
B	On site	Unspecified Pit	1897	370099
B	On site	Unspecified Pit	1938	344284
B	On site	Unspecified Pit	1921	374442
B	On site	Unspecified Pit	1981	369133
B	On site	Unspecified Pit	1965	369133
B	On site	Unspecified Pit	1921	374442
B	On site	Unspecified Pit	1938	344284
B	On site	Unspecified Pit	1921	374442
C	On site	Unspecified Pit	1948	369823
C	On site	Unspecified Pit	1914	365843
C	On site	Unspecified Pit	1897	365843
C	On site	Unspecified Pit	1938	342032
C	On site	Unspecified Pit	1921	365843
C	On site	Unspecified Pit	1965	347651
C	On site	Unspecified Pit	1938	342032
D	On site	Unspecified Pit	1948	369441
D	On site	Unspecified Pit	1914	359881
D	On site	Unspecified Ground Workings	1914	333958
D	On site	Unspecified Pit	1938	359881



ID	Location	Land Use	Date	Group ID
D	On site	Unspecified Pit	1921	359881
D	On site	Unspecified Pit	1981	351039
D	On site	Unspecified Pit	1965	351039
D	On site	Unspecified Pit	1938	359881
E	On site	Unspecified Pit	1948	370408
E	On site	Unspecified Pit	1914	358003
E	On site	Unspecified Quarry	1877	325716
E	On site	Unspecified Heap	1938	352891
E	On site	Unspecified Pit	1921	358003
E	On site	Unspecified Pit	1981	357854
E	On site	Unspecified Pit	1965	357854
E	On site	Unspecified Heap	1938	352891
F	On site	Unspecified Ground Workings	1921	358877
F	On site	Unspecified Ground Workings	1947	357780
F	On site	Unspecified Ground Workings	1948	377682
F	On site	Unspecified Ground Workings	1914	352306
F	On site	Unspecified Ground Workings	1897	352306
F	On site	Unspecified Ground Workings	1921	366618
F	On site	Unspecified Pit	1981	367686
F	On site	Unspecified Pit	1965	378812
F	On site	Unspecified Ground Workings	1921	366618
F	On site	Unspecified Ground Workings	1921	366618
G	On site	Unspecified Pit	1948	378498
G	On site	Unspecified Ground Workings	1914	333959
G	On site	Unspecified Pit	1938	351646
G	On site	Unspecified Pit	1921	373697
G	On site	Unspecified Pit	1938	351646
H	On site	Colliery	1914	349652



ID	Location	Land Use	Date	Group ID
H	On site	Colliery	1897	375073
H	On site	Cuttings	1877	377025
H	On site	Unspecified Old Quarry	1921	346071
H	On site	Colliery	1938	379545
H	On site	Refuse Heap	1938	341967
H	On site	Unspecified Pit	1938	360802
H	On site	Refuse Heap	1921	368216
H	On site	Colliery	1921	349652
H	On site	Unspecified Pit	1921	342120
H	On site	Unspecified Pit	1981	368747
H	On site	Unspecified Pit	1965	368747
H	On site	Unspecified Old Quarry	1938	358819
H	On site	Colliery	1938	379545
H	On site	Refuse Heap	1938	341967
H	On site	Unspecified Pit	1938	360802
H	On site	Unspecified Old Quarry	1948	345987
H	On site	Unspecified Old Quarry	1914	346071
H	On site	Unspecified Quarry	1897	325717
H	On site	Cuttings	1897	377025
I	On site	Unspecified Heap	1877	327340
I	On site	Unspecified Quarry	1921	365945
I	On site	Unspecified Quarry	1948	369755
J	On site	Unspecified Quarries	1921	345395
J	On site	Unspecified Ground Workings	1981	367395
J	On site	Unspecified Pit	1981	364758
J	On site	Unspecified Pit	1965	364758
J	On site	Unspecified Ground Workings	1965	367395
J	On site	Unspecified Quarries	1938	364649



ID	Location	Land Use	Date	Group ID
J	On site	Unspecified Quarries	1914	345395
J	On site	Unspecified Quarries	1897	345395
J	On site	Unspecified Old Quarries	1948	329318
K	On site	Unspecified Ground Workings	1965	333965
K	On site	Unspecified Quarry	1948	325715
4	1m N	Unspecified Quarries	1897	338303
L	3m S	Tunnel	1921	348753
L	3m S	Tunnel	1947	348753
L	3m S	Tunnel	1897	343988
L	4m S	Tunnel	1921	348753
M	4m NE	Railway Sidings	1914	352409
M	4m NE	Railway Sidings	1897	352409
M	4m NE	Railway Sidings	1921	363635
N	4m NE	Refuse Heap	1921	353447
5	5m NE	Railway Sidings	1938	340987
O	6m N	Unspecified Ground Workings	1948	373214
I	8m N	Unspecified Ground Workings	1965	333971
P	8m NW	Colliery	1938	339337
P	8m NW	Colliery	1938	339339
P	8m NW	Colliery	1948	339336
P	8m NW	Colliery	1914	368266
P	8m NW	Colliery	1921	368266
O	8m N	Unspecified Ground Workings	1988	341945
O	8m N	Unspecified Ground Workings	1964	356622
O	9m N	Cuttings	1965	341587
I	10m N	Unspecified Quarry	1897	342414
N	10m NE	Refuse Heap	1938	364570
N	10m NE	Refuse Heap	1938	364570



ID	Location	Land Use	Date	Group ID
O	10m N	Cuttings	1921	374799
O	10m N	Cuttings	1914	374799
6	11m N	Unspecified Quarry	1897	325719
I	11m N	Unspecified Disused Quarry	1981	319475
I	13m N	Unspecified Quarry	1914	379942
I	14m N	Unspecified Quarry	1938	360494
H	15m NE	Cuttings	1921	362499
H	15m NE	Cuttings	1914	362499
O	16m N	Cuttings	1948	371391
H	17m NE	Cuttings	1938	374440
O	19m N	Cuttings	1938	371909
R	19m N	Unspecified Pit	1981	369543
R	19m N	Unspecified Pit	1965	369543
H	20m NE	Unspecified Heap	1981	356404
H	20m NE	Unspecified Heap	1965	356404
H	21m NE	Cuttings	1965	373683
O	21m N	Cuttings	1981	341587
H	23m NE	Unspecified Heap	1914	341143
H	23m NE	Unspecified Heap	1921	341143
H	24m NE	Cuttings	1948	343786
H	24m NE	Unspecified Heap	1938	341143
H	24m NE	Unspecified Heap	1938	341143
H	24m NE	Unspecified Heap	1948	341114
N	26m NE	Unspecified Heap	1981	353668
N	26m NE	Unspecified Heap	1965	353668
O	28m N	Cuttings	1897	350038
H	28m N	Coal Level	1897	338456
S	29m N	Police Station	1981	372154



ID	Location	Land Use	Date	Group ID
T	32m NW	Railway Sidings	1988	346393
T	32m NW	Railway Sidings	1964	346393
S	32m N	Police Station	1965	372154
U	34m N	Unspecified Ground Workings	1914	378758
U	34m N	Unspecified Ground Workings	1921	378758
P	35m NW	Railway Sidings	1914	379131
P	35m NW	Railway Sidings	1921	379131
V	35m W	Brick Works	1897	322746
H	38m NE	Garage	1981	338046
H	39m N	Unspecified Station	1981	322168
7	41m N	Ambulance Station	1981	338011
W	44m E	Old Trial Level	1921	361672
P	45m NW	Railway Sidings	1948	379131
O	46m N	Railway Sidings	1897	337562
O	46m N	Unspecified Ground Workings	1948	362964
8	48m NW	Railway Sidings	1948	355535
H	51m N	Unspecified Heap	1897	327337
O	53m N	Unspecified Ground Workings	1938	369340
O	53m N	Unspecified Ground Workings	1938	369340
P	58m NW	Railway Sidings	1938	347458
Q	63m SE	Unspecified Pit	1981	354370
Q	63m SE	Unspecified Pit	1965	354370
W	64m E	Trial Level	1877	337909
X	64m W	Colliery	1897	346186
X	64m W	Tramway Sidings	1897	324164
O	65m N	Unspecified Heap	1914	356625
O	65m N	Unspecified Heap	1921	356625
O	66m N	Unspecified Heap	1938	356625



ID	Location	Land Use	Date	Group ID
O	66m N	Unspecified Heap	1938	356625
O	67m N	Unspecified Heap	1914	364955
O	67m N	Unspecified Heap	1921	364955
I	68m N	Unspecified Quarry	1897	379554
Y	69m NW	Refuse Heap	1938	348920
Y	69m NW	Refuse Heap	1938	348920
W	69m E	Old Trial Level	1914	348791
H	72m NE	Unspecified Ground Workings	1948	333962
Z	76m S	Electric Substation	1981	326409
H	84m NE	Unspecified Ground Workings	1965	333963
AA	88m E	Unspecified Old Quarry	1921	369551
AA	88m E	Unspecified Old Quarry	1948	344858
AA	88m E	Unspecified Old Quarry	1914	369551
AA	88m E	Unspecified Quarry	1897	325718
AA	88m E	Unspecified Old Quarry	1938	356744
AB	89m E	Unspecified Ground Workings	1981	361466
AB	89m E	Unspecified Ground Workings	1965	361466
AC	90m NE	Colliery	1897	330843
W	91m E	Old Trial Level	1938	344244
W	91m E	Old Trial Level	1938	344244
AC	93m NE	Unspecified Heap	1981	327373
9	108m NW	Old Trial Level	1948	328544
AC	111m NE	Unspecified Ground Workings	1948	333955
T	120m SW	Unspecified Mine	1988	375709
T	120m SW	Unspecified Mine	1964	375709
12	120m NE	Engine House	1897	320413
AC	122m NE	Unspecified Old Quarry	1921	343981
AC	122m NE	Unspecified Old Quarry	1914	343981



ID	Location	Land Use	Date	Group ID
W	124m E	Old Trial Level	1897	367117
AC	125m NE	Unspecified Old Quarry	1938	378108
AD	136m NE	Old Trial Level	1938	361174
AD	136m NE	Old Trial Level	1938	361174
AD	136m NE	Trial Level	1877	337910
AE	144m N	Isolation Hospital	1914	363552
AE	144m N	Isolation Hospital	1921	363552
AE	144m N	Isolation Hospital	1938	359269
AD	145m NE	Old Trial Level	1948	372232
AD	145m NE	Old Trial Level	1914	365228
AD	145m NE	Old Trial Level	1897	365228
AD	145m NE	Old Trial Level	1921	365228
AD	148m NE	Disused Trial Level	1981	321747
AE	150m N	Disused Isolation Hospital	1948	322384
AF	151m NW	Old Trial Level	1921	364003
AF	151m NW	Old Trial Level	1914	364003
AE	153m N	Unspecified Quarry	1938	358134
14	154m NE	Unspecified Ground Workings	1948	333964
AE	155m N	Unspecified Old Quarry	1948	330444
AE	156m N	Unspecified Quarry	1921	350776
AE	156m N	Unspecified Quarry	1914	350776
AG	157m NE	Unspecified Old Level	1948	372535
M	158m N	Railway Building	1938	323692
AG	159m NE	Unspecified Old Level	1914	371959
AG	159m NE	Unspecified Old Level	1921	371959
AH	159m NE	Unspecified Old Quarry	1921	360088
AH	159m NE	Unspecified Old Quarry	1914	360088
AH	160m NE	Unspecified Old Quarry	1948	345051



ID	Location	Land Use	Date	Group ID
AG	161m NE	Unspecified Old Level	1938	371959
AG	161m NE	Unspecified Old Level	1938	371959
AH	162m NE	Unspecified Old Quarry	1938	343032
AE	167m N	Unspecified Pits	1877	321882
W	174m E	Old Trial Level	1948	328527
AI	174m NW	Old Trial Level	1897	345552
AI	174m NW	Old Trial Level	1921	370074
AI	179m NW	Unspecified Disused Level	1988	364909
AI	179m NW	Unspecified Disused Level	1964	364909
AJ	180m N	Railway Sidings	1965	355535
AI	181m NW	Old Trial Level	1948	362183
AK	183m S	Unspecified Quarry	1973	365248
AK	183m S	Unspecified Quarry	1965	365248
X	184m SW	Unspecified Ground Workings	1897	333961
AI	184m NW	Old Trial Level	1914	354012
AK	185m S	Unspecified Quarry	1921	368243
AK	186m S	Unspecified Quarries	1897	338307
AK	186m S	Unspecified Quarry	1921	365248
AK	186m S	Unspecified Quarry	1947	365248
AL	190m W	Old Trial Level	1938	344761
AL	190m W	Old Trial Level	1938	344761
AF	192m NW	Old Trial Level	1897	328543
AF	193m NW	Unspecified Disused Level	1988	368697
AF	193m NW	Unspecified Disused Level	1964	368697
15	200m N	Cuttings	1877	342369
16	201m SE	Unspecified Heap	1965	327342
AM	208m N	Cuttings	1921	346019
AM	208m N	Cuttings	1914	346019



ID	Location	Land Use	Date	Group ID
AJ	210m N	Cuttings	1938	336996
AN	210m SE	Unspecified Quarry	1921	356841
AM	212m N	Cuttings	1938	357987
AN	212m SE	Unspecified Disused Quarry	1973	319489
AN	212m SE	Unspecified Ground Workings	1965	333967
AN	212m SE	Unspecified Quarry	1921	347494
AN	212m SE	Unspecified Quarry	1947	347494
AO	216m NW	Cuttings	1921	370396
AO	216m NW	Cuttings	1914	370396
AO	216m NW	Cuttings	1938	340990
17	220m N	Unspecified Ground Workings	1914	333956
AJ	223m N	Railway Station	1965	373224
AJ	223m N	Railway Building	1948	376969
AP	224m N	Trial Levels	1948	348539
AJ	224m N	Railway Station	1897	331990
AJ	225m N	Railway Building	1938	376969
AP	225m N	Trial Levels	1921	369962
AP	225m N	Trial Levels	1914	369962
AJ	225m N	Fire Station	1981	331001
AP	226m N	Trial Levels	1938	352223
AJ	226m N	Railway Station	1948	371597
AJ	227m N	Railway Building	1948	339663
AJ	228m N	Railway Building	1938	339663
AJ	229m N	Railway Station	1938	362801
AN	230m SE	Unspecified Quarries	1897	338306
AJ	230m N	Railway Station	1897	344742
AJ	230m N	Railway Station	1914	376891
AJ	230m N	Railway Station	1921	362801



ID	Location	Land Use	Date	Group ID
AJ	235m N	Railway Building	1948	350757
AJ	237m N	Railway Building	1938	350757
AJ	238m N	Railway Building	1938	323672
AQ	238m NW	Old Trial Level	1938	372088
AQ	238m NW	Old Trial Level	1938	372088
AR	238m NW	Unspecified Old Quarry	1921	345141
AR	238m NW	Unspecified Old Quarry	1948	342464
AR	238m NW	Unspecified Old Quarry	1914	345141
AR	238m NW	Unspecified Old Quarry	1897	345141
AR	240m NW	Unspecified Old Quarry	1938	371247
AJ	241m N	Railway Station	1921	371357
AS	242m N	Unspecified Old Quarry	1948	360418
AQ	244m NW	Cuttings	1948	357825
AT	244m NE	Unspecified Quarries	1921	346780
AQ	244m NW	Cuttings	1921	365290
AQ	244m NW	Cuttings	1914	365290
AQ	245m NW	Cuttings	1938	353506
18	246m NE	Railway Sidings	1948	360098
AT	246m NE	Unspecified Ground Workings	1914	333954
AT	248m NE	Unspecified Disused Quarries	1948	320742
AJ	248m N	Railway Station	1948	361595
AT	249m NE	Unspecified Quarries	1938	346780
AJ	251m N	Railway Station	1938	371357
AU	254m NE	Unspecified Quarries	1921	347888
AU	254m NE	Unspecified Quarries	1914	347888
AV	256m W	Unspecified Heap	1938	380090
AV	256m W	Unspecified Heap	1938	380090
AV	256m W	Unspecified Heap	1914	380090



ID	Location	Land Use	Date	Group ID
AV	256m W	Unspecified Heap	1921	380090
AV	256m W	Unspecified Heap	1948	360445
AU	257m NE	Unspecified Disused Quarries	1948	320743
AU	258m NE	Unspecified Quarries	1938	357342
AS	260m N	Unspecified Pit	1981	340073
AS	260m N	Unspecified Pit	1965	340073
AW	260m N	Railway Sidings	1988	374032
AW	260m N	Railway Sidings	1964	379178
AX	261m S	Unspecified Ground Workings	1965	333913
AX	261m S	Unspecified Disused Quarry	1973	319491
AS	263m N	Unspecified Old Quarry	1921	340662
AS	263m N	Unspecified Old Quarry	1914	340662
AX	264m S	Unspecified Quarry	1921	367324
AX	264m S	Unspecified Quarry	1947	367324
AY	264m NW	Unspecified Ground Workings	1988	353040
AY	264m NW	Unspecified Ground Workings	1964	353040
AX	264m S	Unspecified Quarry	1921	366619
AS	265m N	Unspecified Old Quarry	1938	346753
AJ	266m N	Railway Station	1948	342502
19	267m S	Tunnel	1965	358683
BA	271m N	Railway Sidings	1877	342044
BB	275m NE	Woollen Factory	1877	324065
P	278m W	Unspecified Tank	1938	366932
AU	280m NE	Unspecified Disused Quarry	1981	319474
BC	281m W	Cuttings	1938	350349
BC	281m SW	Cuttings	1988	377278
BC	281m SW	Cuttings	1964	377278
BC	282m W	Cuttings	1948	359185



ID	Location	Land Use	Date	Group ID
BD	283m NE	Old Trial Levels	1948	378559
BD	283m NE	Old Trial Levels	1921	355212
BD	284m NE	Old Trial Levels	1938	345265
BD	284m NE	Old Trial Levels	1938	345265
BD	285m NE	Old Trial Levels	1914	342471
BD	285m NE	Old Trial Levels	1897	342471
P	286m W	Unspecified Tank	1988	366039
P	286m W	Unspecified Tank	1964	366039
AJ	287m N	Unspecified Tank	1914	358713
AJ	287m N	Unspecified Tank	1938	355098
20	287m NE	Unspecified Pit	1877	336080
P	290m W	Unspecified Tank	1948	366039
21	291m NE	Railway Sidings	1938	356215
AJ	291m N	Telephone Exchange	1981	328129
AW	292m N	Cuttings	1921	350642
AW	292m N	Cuttings	1914	350642
AW	292m N	Cuttings	1948	353244
AW	294m N	Cuttings	1938	350984
AY	294m NW	Cuttings	1877	336994
BB	295m E	Unspecified Disused Factory	1897	322148
AY	298m NW	Unspecified Pit	1948	374301
AY	298m NW	Unspecified Pit	1914	341987
AY	298m NW	Unspecified Pit	1897	341987
AY	298m NW	Unspecified Pit	1921	341987
AY	300m NW	Unspecified Pits	1938	342215
AY	300m NW	Unspecified Pits	1938	342215
AW	302m N	Unspecified Ground Workings	1914	342308
AW	304m N	Unspecified Ground Workings	1948	360209



ID	Location	Land Use	Date	Group ID
22	305m NE	Unspecified Disused Levels	1981	371653
T	311m W	Unspecified Commercial/Industrial	1948	331163
BC	312m SW	Cuttings	1921	350349
P	313m W	Gas Works	1914	354067
P	313m W	Gas Works	1921	354067
BD	313m NE	Old Trial Levels	1948	345265
BD	313m NE	Old Trial Levels	1921	345265
BD	316m NE	Unspecified Disused Levels	1965	371653
BE	319m N	Unspecified Quarry	1921	366345
BE	319m N	Unspecified Quarry	1914	366345
BE	321m N	Unspecified Disused Quarry	1948	319477
BE	322m N	Unspecified Quarry	1938	357261
P	325m W	Unspecified Tank	1938	320131
BF	325m E	Cemetery	1981	360983
BF	325m E	Cemetery	1965	360983
AY	326m NW	Unspecified Ground Workings	1948	333957
P	326m W	Gasometer	1914	361336
P	326m W	Gasometer	1921	361336
BG	327m W	Railway Sidings	1897	351012
BH	328m E	Unspecified Factory	1965	320649
BH	328m E	Unspecified Works	1981	320911
BG	335m W	Unspecified Ground Workings	1988	376172
BG	335m W	Unspecified Ground Workings	1964	376172
24	338m SE	Unspecified Quarries	1897	338305
BG	341m W	Unspecified Old Quarry	1921	369440
BG	341m W	Unspecified Old Quarry	1948	377758
BG	341m W	Unspecified Old Quarry	1914	369440
BG	341m W	Unspecified Quarry	1897	325720



ID	Location	Land Use	Date	Group ID
25	342m E	Unspecified Heap	1981	327341
26	344m S	Unspecified Heap	1965	327339
T	351m W	Refuse Heap	1938	368663
T	351m W	Refuse Heap	1938	368663
BG	355m W	Unspecified Old Quarry	1938	365564
BJ	362m S	Unspecified Quarry	1921	379047
BJ	364m S	Unspecified Quarry	1921	379047
BJ	364m S	Unspecified Quarry	1947	379614
BJ	364m S	Unspecified Disused Quarry	1973	319490
BJ	371m S	Unspecified Heap	1897	327338
BK	373m N	Unspecified Old Quarry	1948	360201
BK	375m N	Unspecified Old Quarry	1938	360201
BK	375m N	Unspecified Old Quarry	1921	364382
BK	375m N	Unspecified Old Quarry	1914	364382
BL	375m E	Cemetery	1921	340642
BL	375m E	Cemetery	1914	340642
BL	378m E	Cemetery	1938	355780
BL	378m E	Cemetery	1948	368629
BA	392m N	Railway Sidings	1914	360099
BA	392m N	Railway Sidings	1897	360099
T	393m W	Railway Sidings	1938	379131
BA	394m N	Railway Sidings	1921	360099
BA	397m N	Railway Sidings	1938	360099
BJ	398m S	Unspecified Ground Workings	1965	333912
BM	406m SE	Unspecified Quarries	1897	338304
27	413m S	Unspecified Quarry	1876	353302
28	421m N	Unspecified Ground Workings	1948	333973
BN	444m SE	Unspecified Mine	1973	363659

ID	Location	Land Use	Date	Group ID
BO	444m SE	Unspecified Disused Tip	1973	332853
BM	445m SE	Unspecified Old Quarry	1921	378059
T	447m W	Refuse Heap	1938	341838
T	447m W	Refuse Heap	1938	341838
BM	447m SE	Unspecified Old Quarry	1921	371913
BO	448m SE	Unspecified Heap	1965	327344
BM	449m SE	Unspecified Old Quarry	1947	371913
BN	453m SE	Colliery	1921	356615
BN	453m SE	Colliery	1921	356615
BO	453m SE	Refuse Heap	1921	351308
BO	453m SE	Refuse Heap	1921	351308
BN	454m SE	Colliery	1921	377068
BO	454m SE	Refuse Heap	1921	370983
BP	455m W	Tramway Sidings	1914	352301
BN	455m SE	Colliery	1947	352333
BO	455m SE	Refuse Heap	1947	341096
29	458m S	Unspecified Quarry	1876	325713
BP	458m W	Tramway Sidings	1921	352301
BR	460m N	Unspecified Pit	1981	363305
BR	460m N	Unspecified Pit	1965	363305
BP	461m W	Tram Sidings	1938	322778
BR	462m N	Unspecified Old Quarry	1921	342526
BR	462m N	Unspecified Old Quarry	1948	372261
BR	462m N	Unspecified Quarry	1914	369499
BR	463m N	Unspecified Old Quarry	1938	374479
BS	464m NW	Unspecified Heap	1948	341136
BS	464m NW	Unspecified Heap	1914	340505
BS	464m NW	Unspecified Heap	1921	340505



ID	Location	Land Use	Date	Group ID
BT	465m SW	Unspecified Pit	1988	357611
BT	465m SW	Unspecified Pit	1964	357611
BS	466m NW	Unspecified Heap	1938	340505
BS	466m NW	Unspecified Heap	1938	340505
30	466m S	Tunnel	1876	337376
BT	468m SW	Unspecified Quarry	1921	362979
BT	468m SW	Unspecified Quarry	1914	362979
BT	468m SW	Unspecified Disused Quarry	1948	319471
BT	468m SW	Unspecified Quarry	1938	375295
32	472m SW	Trial Level	1877	337905
BU	474m S	Unspecified Quarry	1921	369208
BN	476m SE	Railway Sidings	1921	377796
BN	476m SE	Tramway Sidings	1921	349131
BU	477m S	Unspecified Quarry	1921	369208
BR	486m N	Unspecified Quarry	1897	369499

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

11

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 29**

ID	Location	Land Use	Date	Group ID
V	55m W	Tanks	1899	39647
10	110m NE	Unspecified Tank	1899	38391
AJ	284m N	Gasometer	1899	40370
AJ	284m N	Gasometer	1919	40370
P	287m W	Unspecified Tank	1971	43308



ID	Location	Land Use	Date	Group ID
P	287m W	Unspecified Tank	1961	43308
P	321m W	Gasometer	1919	39894
P	341m W	Tanks	1961	39648
BH	361m E	Unspecified Tank	1970	38463
T	459m W	Unspecified Tank	1919	38389
T	489m W	Unspecified Tank	1971	38390

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

17

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

Features are displayed on the Past land use - un-grouped map on **page 29**

ID	Location	Land Use	Date	Group ID
U	48m N	Electricity Substation	1986	19442
Z	78m S	Electricity Substation	1986	22330
Z	94m S	Electricity Substation	1970	23064
11	117m SE	Electricity Substation	1986	19440
13	124m N	Electricity Substation	1987	19443
W	187m E	Electricity Transformer	1986	19907
AJ	284m N	Gasometer	1899	21531
AJ	284m N	Gasometer	1919	21531
23	306m SE	Electricity Transformer	1986	19908
P	311m W	Urban District Council Gas Works	1919	19724
P	321m W	Gasometer	1919	20034
BI	343m S	Electricity Substation	1979	22282
BI	344m S	Electricity Substation	1984	21417
BI	345m S	Electricity Substation	1993	22902



ID	Location	Land Use	Date	Group ID
BQ	455m E	Electricity Transformer	1986	21037
BQ	456m E	Electricity Transformer	1970	21037
31	470m E	Electricity Substation	1986	19441

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0
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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	10
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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'.

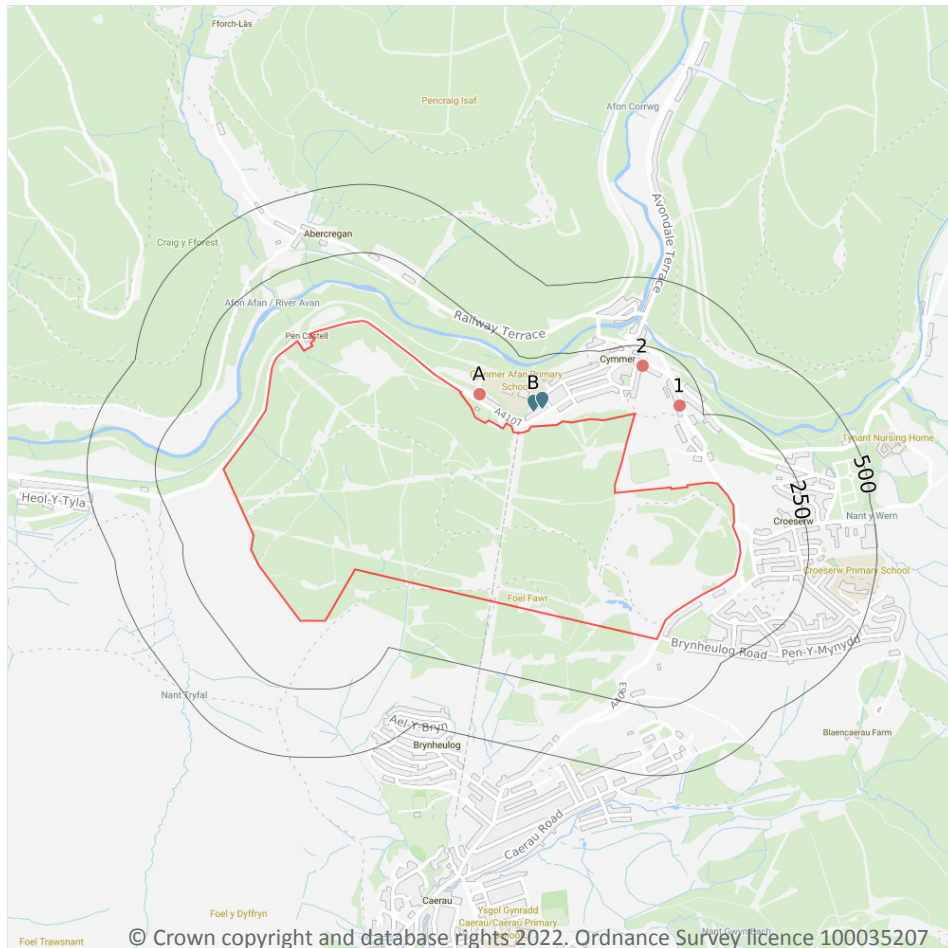
Features are displayed on the Past land use - un-grouped map on **page 29**

ID	Location	Land Use	Date	Group ID
Q	13m SE	Garage	1986	6656
H	18m N	Garage	1987	7272
H	20m NW	Garage	1971	7957
H	20m NW	Garage	1961	7957
H	36m NE	Garage	1987	6774
H	43m NE	Garage	1987	7633
H	57m NE	Garage	1961	7154
H	63m NE	Garage	1971	7633
AZ	267m E	Garage	1986	7070
AZ	301m E	Garage	1970	7109

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

16

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

Features are displayed on the Waste and landfill map on **page 49**

ID	Location	Details		
B	84m N	Site Name: - Site Address: Garngoch Civic Amenity Site, Garngoch Ind Est, Swansea, SA4 9WF Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: HB3997TD EPR reference: - Operator: City and County of Swansea Waste Management licence No: 0 Annual Tonnage: 24999	Issue Date: 23/03/1999 Effective Date: 23/03/1999 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective

ID	Location	Details		
B	84m N	Site Name: - Site Address: Garngoch Civic Amenity Site, Garngoch Ind Est, Llansamle, SA4 9WF Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: HB3997TD EPR reference: - Operator: - Waste Management licence No: 34153 Annual Tonnage: 24999	Issue Date: 23/03/1999 Effective Date: 23/03/1999 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	84m N	Site Name: - Site Address: Garngoch Civic Amenity Site, Garngoch Ind Est, Llansamle, SA4 9WF Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: HB3997TD EPR reference: - Operator: City And County Of Swansea Waste Management licence No: 34153 Annual Tonnage: 24999	Issue Date: 23/03/1999 Effective Date: 23/03/1999 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	84m N	Site Name: - Site Address: Garngoch Civic Amenity Site, Garngoch Ind Est, Llansamle, SA4 9WF Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: - Environmental Permitting Regulations (Waste) Licence Number: HB3997TD EPR reference: - Operator: City and County of Swansea Waste Management licence No: 34153 Annual Tonnage: -	Issue Date: 23/03/1999 Effective Date: 23/03/1999 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	84m N	Site Name: - Site Address: Garngoch Civic Amenity Site, Llansamle, Garngoch Ind Est, Swansea, SA4 9WF Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: HB3997TD EPR reference: - Operator: City And County Of Swansea Waste Management licence No: 34153 Annual Tonnage: 24999	Issue Date: 23/03/1999 Effective Date: 23/03/1999 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
B	93m N	Site Name: Cymmer Civic Amenity Site Address: Cymmer Civic Amenity Site, Brytwn Road, Cymmer, N P T, SA13 3EE Correspondence Address: Ewc, 298, Hale Road, Widnes, Cheshire, WA8 8PX	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV006 EPR reference: - Operator: Environmental Waste Controls Plc Waste Management licence No: 34151 Annual Tonnage: 0	Issue Date: 12/09/1997 Effective Date: 02/08/2005 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
B	93m N	Site Name: Cymmer Civic Amenity Site Address: Brytwn Road, Cymmer, Port Talbot, SA13 3EE Correspondence Address: Dunedin House, Auckland Park, Mount Farm, Milton Keynes, Buckinghamshire, MK1 1BU	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE001 EPR reference: - Operator: Greenacre Waste Management Ltd Waste Management licence No: 34151 Annual Tonnage: 0	Issue Date: 12/09/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	93m N	Site Name: Cymmer Civic Amenity Site Address: Brytwn Road, Cymmer, Port Talbot, SA13 3EE Correspondence Address: Ewc, 298, Hale Road, Widnes, Cheshire, WA8 8PX	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EWC002 EPR reference: - Operator: Environmental Waste Controls Plc Waste Management licence No: 34151 Annual Tonnage: 0	Issue Date: 12/09/1997 Effective Date: 02/08/2005 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
B	94m N	Site Name: Cymmer Civic Amenity Site Site Address: Cymmer Civic Amenity Site, Margam Street, Cymmer, Neath Pt Talbot, SA13 3EE Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WRG026 EPR reference: EA/EPR/FB3539DV/T001 Operator: W R G Waste Services Limited Waste Management licence No: 34151 Annual Tonnage: 24999	Issue Date: 12/09/1997 Effective Date: 22/03/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
B	94m N	Site Name: Cymmer Civic Amenity Site Site Address: Cymmer Civic Amenity Site, Margam Street, Cymmer, Neath Pt Talbot, SA13 3EE Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV006 EPR reference: EA/EPR/HP3798FK/T001 Operator: Environmental Waste Controls Plc Waste Management licence No: 34151 Annual Tonnage: 4999	Issue Date: 12/09/1997 Effective Date: 02/08/2005 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
B	94m N	Site Name: - Site Address: Cymmer Household Waste Recycling Centre, Cymmer, Neath Port Talbot, SA13 3EE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FB3539DV EPR reference: - Operator: F C C Waste Services (U K) Limited Waste Management licence No: 0 Annual Tonnage: 24999	Issue Date: 12/09/1997 Effective Date: 12/09/1997 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	94m N	Site Name: - Site Address: Cymmer Household Waste Recycling Centre, Margam Street, Cymmer, Port Talbot, SA13 3EE Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FB3539DV EPR reference: - Operator: - Waste Management licence No: 34151 Annual Tonnage: 4999	Issue Date: 01/11/2016 Effective Date: 01/11/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective



ID	Location	Details		
B	94m N	Site Name: - Site Address: Cymmer Household Waste Recycling Centre, Margam Street, Cymmer, Port Talbot, SA13 3EE Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: - Environmental Permitting Regulations (Waste) Licence Number: FB3539DV EPR reference: - Operator: F C C Waste Services (U K) Limited Waste Management licence No: 34151 Annual Tonnage: 4999	Issue Date: 01/11/2016 Effective Date: 01/11/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	94m N	Site Name: - Site Address: Cymmer Household Waste Recycling Centre, Margam Street, Port Talbot, Neath Port Talbot, SA13 3EE Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: FB3539DV EPR reference: - Operator: F C C Waste Services (U K) Limited Waste Management licence No: 34151 Annual Tonnage: 4999	Issue Date: 01/11/2016 Effective Date: 01/11/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	94m N	Site Name: - Site Address: Cymmer Household Waste Recycling Centre, Margam Street, Cymmer, Port Talbot, SA13 3EE Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: - Environmental Permitting Regulations (Waste) Licence Number: FB3539DV EPR reference: - Operator: F C C Waste Services (U K) Limited Waste Management licence No: 34151 Annual Tonnage: -	Issue Date: 01/11/2016 Effective Date: 01/11/2016 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Effective
B	94m N	Site Name: Cymmer Household Waste Recycling Centre Site Address: Cymmer H W R C, Margam Street, Cymmer, Neath Pt Talbot, SA13 3EE Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WRG026 EPR reference: FB3539DV/V002 Operator: F C C Waste Services (U K) Limited Waste Management licence No: 34151 Annual Tonnage: 24999	Issue Date: 12/09/1997 Effective Date: 22/03/2012 Modified: 12/12/2012 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified

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



3.7 Waste exemptions

Records within 500m

15

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

Features are displayed on the Waste and landfill map on **page 49**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Using waste exemption	Not on a farm	Use of waste for a specified purpose
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Disposing of waste exemption	Not on a farm	Burning waste in the open
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Using waste exemption	Not on a farm	Use of mulch
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Treating waste exemption	Not on a farm	Sorting mixed waste
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Disposing of waste exemption	Not on a farm	Depositing samples of waste for the purposes of testing or analysing them
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)

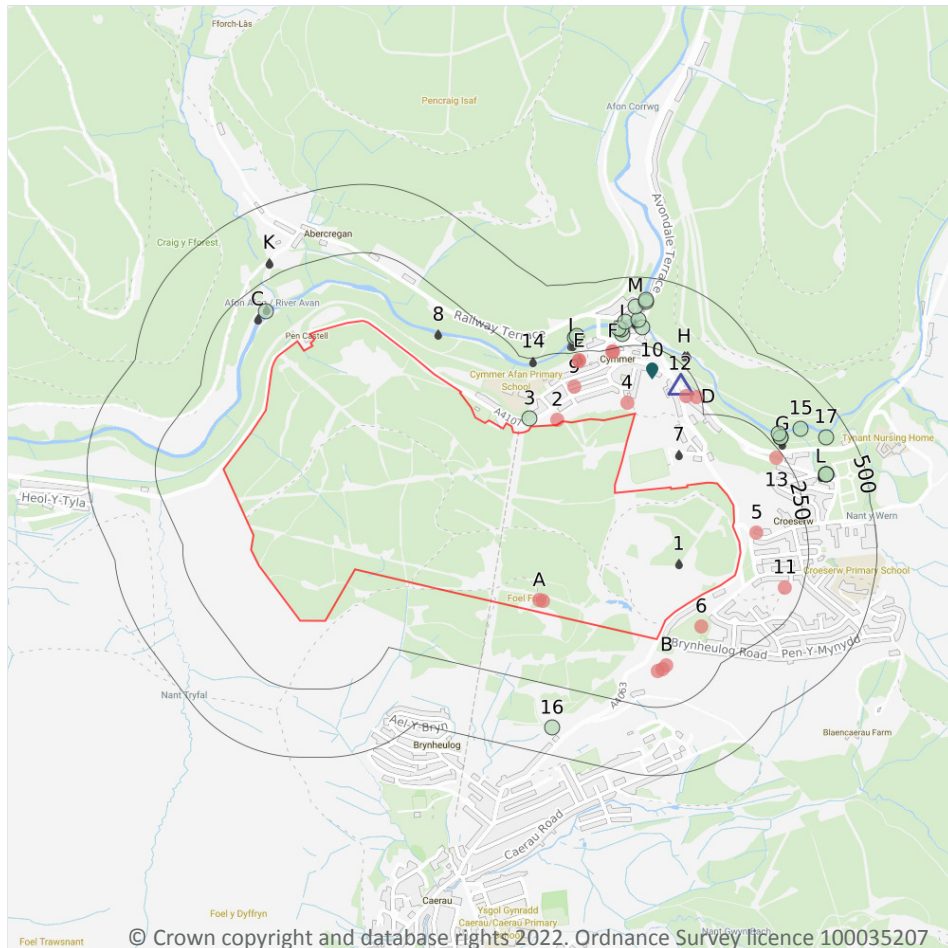


ID	Location	Site	Reference	Category	Sub-Category	Description
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Treating waste exemption	Not on a farm	Manual treatment of waste
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	51m NE	Yellow Jacket Enviro Ltd, AFAN VALLEY RESORT, Cymmer, Neath, SA133EP	NRW-WME018875	Using waste exemption	Not on a farm	Use of waste in construction
1	163m E	Pen Cymmer, Maesteg Road, Cymmer, Port Talbot, Castell-nedd Port Talbot, Sa133hs	NRW-WME007106	Using waste exemption	Not on a farm	Use of waste in construction
2	174m N	M W Phillips Chemists, M W Phillips Chemist, Station Road, Cymmer, Port Talbot, Castell-nedd Port Talbot, SA13 3HR	NRW-WME048237	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

18

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Company	Address	Activity	Category
A	On site	Pylon	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
A	On site	Mast (TV)	West Glamorgan, SA13	Telecommunications Features	Infrastructure and Facilities
2	15m NW	Pumping Station	West Glamorgan, SA13	Water Pumping Stations	Industrial Features



ID	Location	Company	Address	Activity	Category
4	44m N	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
5	72m NE	Wilkins Coaches	Unit 1, Eastern Avenue, Cymmer, Port Talbot, West Glamorgan, SA13 3PB	Vehicle Hire and Rental	Hire Services
6	98m SE	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
B	101m S	Electricity Sub Station	Mid Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
B	113m S	Pylon	Mid Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
B	117m S	Mast (Communication)	Mid Glamorgan, SA13	Telecommunications Features	Infrastructure and Facilities
9	126m N	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
11	187m E	Electricity Sub Station	West Glamorgan, SA13	Electrical Features	Infrastructure and Facilities
D	200m E	Afan Ebike Hire	1, Lloyds Terrace, Cymmer, Port Talbot, West Glamorgan, SA13 3HT	Vehicle Hire and Rental	Hire Services
E	216m N	Pumping Station	West Glamorgan, SA13	Water Pumping Stations	Industrial Features
E	221m N	Sewage Pumping Station	West Glamorgan, SA13	Waste Storage, Processing and Disposal	Infrastructure and Facilities
13	226m NE	Gas Governor	West Glamorgan, SA13	Gas Features	Infrastructure and Facilities
D	233m E	Topaz	44, Lloyds Terrace, Cymmer, Port Talbot, West Glamorgan, SA13 3HT	Curtains and Blinds	Consumer Products
F	240m N	Cymmer Fire Station	Near Station Road, Port Talbot, West Glamorgan, SA13 3HR	Fire Brigade Stations	Central and Local Government
F	241m N	Cymmer Sdp	C/o Cymmer Fire Station, 121, Margam Street, Cymmer, West Glamorgan, SA13 3HR	Ambulance and Medical Transportation Services	Health Support Services

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m

1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Company	Address	LPG	Status
12	198m NE	UNBRANDED	Lloyds Terrace, Cymer, Port Talbot, Neath Port Talbot, SA13 3HT	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m**0**

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

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

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

Records within 500m**1**

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

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Address	Details	
10	169m N	Mr J J Horrell, 10 Station Road, Cymmer, Port Talbot, SA13 3HR	Process: Process Unknown Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements issued Date of enforcement: No enforcements issued Comment: No enforcements issued

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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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	25
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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 57**

ID	Location	Address	Details	
1	On site	CROESERW CHL.OVERFLOW, CHL.OVERFLOW	Effluent Type: UNSPECIFIED Permit Number: BP0176901 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 02/10/1989 Effective Date: 02/10/1989 Revocation Date: 14/03/1994
7	115m N	CYMMER RES CHLOR.OVERFL, CHLOR.OVERFL	Effluent Type: UNSPECIFIED Permit Number: BP0179201 Permit Version: 1 Receiving Water: TO LAND	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 02/10/1989 Effective Date: 02/10/1989 Revocation Date: 14/03/1994
8	120m NE	350 METRES D/S RAILWAY VIADUCT CYM, 350 METRES D/S RAILWAY VIADUCT, RAILWAY VIADUCT CYMMER, CYMMER	Effluent Type: UNSPECIFIED Permit Number: BP0240301 Permit Version: 1 Receiving Water: RIVER AFAN	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 21/07/1994 Effective Date: 21/07/1994 Revocation Date: 31/03/2003
C	152m NW	ABERGREGAN PUMPING STATION AFAN, ABERGREGAN PUMPING STATION, ABERGREGAN, AFAN, NEATH PORT TALBOT CBC	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0028601 Permit Version: 2 Receiving Water: RIVER AFAN	Status: Effective Issue date: 11/03/2003 Effective Date: 11/03/2003 Revocation Date: -



ID	Location	Address	Details	
C	152m NW	ABERGREGAN PUMPING STATION AFAN, ABERGREGAN PUMPING STATION, ABERGREGAN, AFAN, NEATH PORT TALBOT CBC	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0028601 Permit Version: 2 Receiving Water: RIVER AFAN	Status: Effective Issue date: 11/03/2003 Effective Date: 11/03/2003 Revocation Date: -
C	159m NW	EMERGENCY DIS. ABERCREGAN PUMP	Effluent Type: UNSPECIFIED Permit Number: BP0028601 Permit Version: 1 Receiving Water: RIVER AFAN	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 01/04/1987 Effective Date: 01/04/1987 Revocation Date: 10/03/2003
C	159m NW	EMERGENCY DIS. ABERCREGAN PUMP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0028610 Permit Version: 1 Receiving Water: RIVER AFAN	Status: Surrendered Issue date: 01/04/1987 Effective Date: 01/04/1987 Revocation Date: -
E	221m N	CSO 108 REAR 16 MARGAM ST CYMMER, Nr Margam Street, Upper Cymmer, Port Talbot, SA13 3HY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0028607 Permit Version: 4 Receiving Water: Afon Afan	Status: Effective Issue date: 21/10/2019 Effective Date: 21/10/2019 Revocation Date: -
14	236m N	BELOW CYMMER VIADUCT SWO NO	Effluent Type: UNSPECIFIED Permit Number: BW0200601 Permit Version: 1 Receiving Water: RIVER AFAN	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 20/10/1989 Effective Date: 20/10/1989 Revocation Date: 14/03/1994
G	273m NE	CSO 107 Below Alder Terrace Afan, Opp. 10 Alder Terrace, Cymmer, Port Talbot, SA13 3NS	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0028605 Permit Version: 3 Receiving Water: Afon Afan	Status: Effective Issue date: 21/10/2019 Effective Date: 21/10/2019 Revocation Date: -
H	275m NE	SWO. MANHOLE 210 CYMMER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW0202901 Permit Version: 2 Receiving Water: RIVER AFAN	Status: Surrendered Issue date: 08/09/2010 Effective Date: 08/09/2010 Revocation Date: -



ID	Location	Address	Details	
I	276m N	CSO 108 REAR 16 MARGAM ST CYMMER, MARGAM STREET, CYMMER, MAESTEG NEATH PORT TALBOT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0028607 Permit Version: 3 Receiving Water: RIVER AFON	Status: Effective Issue date: 31/03/2005 Effective Date: 01/04/2008 Revocation Date: -
I	276m N	UPPER CYMMER MARGAM ST. STORM OVERF, UPPER CYMMER MARGAM ST. STORM OV, MARGAM ST. STORM OVERFLOW CHAM	Effluent Type: UNSPECIFIED Permit Number: BP0028607 Permit Version: 1 Receiving Water: RIVER AFAN	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 01/04/1987 Effective Date: 01/04/1987 Revocation Date: 11/03/2003
H	282m NE	UPPER CYMMER LLOYDS TERRACE STORM O, UPPER CYMMER LLOYDS TERRACE STOR, LLOYDS TERRACE STORM OVERFLOW	Effluent Type: UNSPECIFIED Permit Number: BP0028606 Permit Version: 1 Receiving Water: RIVER AFAN	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 01/04/1987 Effective Date: 01/04/1987 Revocation Date: 31/03/2003
G	282m NE	CSO 107 BELOW ALDER TERRACE AFAN, CSO 107, BELOW ALDER TERRACE, AFAN, NEATH PORT TALBOT CBC	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0028605 Permit Version: 2 Receiving Water: RIVER AFAN	Status: Effective Issue date: 18/03/2003 Effective Date: 19/03/2003 Revocation Date: -
G	286m NE	CROESERW STORMWATER OVERFLOW CHAMBE, CROESERW STORMWATER OVERFLOW CHA, STORMWATER OVERFLOW CHAMBER	Effluent Type: UNSPECIFIED Permit Number: BP0028605 Permit Version: 1 Receiving Water: RIVER AFAN	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 01/04/1987 Effective Date: 01/04/1987 Revocation Date: 18/03/2003
G	298m NE	BELOW ALDER TERRACE CROESERW SWO N, BELOW ALDER TERRACE CROESERW SW, CROESERW SWO NO. 7	Effluent Type: UNSPECIFIED Permit Number: BW0200701 Permit Version: 1 Receiving Water: RIVER AFAN	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 20/10/1989 Effective Date: 20/10/1989 Revocation Date: 14/03/1994
K	300m NW	Abercregan PS, Abercregan Road, Abercregan, Cymmer, SA13 3LJ	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: BP0028601 Permit Version: 3 Receiving Water: Afon Afan	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -



ID	Location	Address	Details	
K	300m NW	Abercregan PS, Abercregan Road, Abercregan, Cymmer, SA13 3LJ	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0028601 Permit Version: 3 Receiving Water: Afon Afan	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -
J	300m N	CSO No. 109 at Cymmer SPS, Avon St, Cymmer, Port Talbot, SA13 3LT	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: BP0307901 Permit Version: 2 Receiving Water: Afon Afan	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -
J	300m N	CSO No. 109 at Cymmer SPS, Avon St, Cymmer, Port Talbot, SA13 3LT	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: BP0307901 Permit Version: 2 Receiving Water: Afon Afan	Status: Effective Issue date: 17/12/2019 Effective Date: 17/12/2019 Revocation Date: -
J	314m N	CSO NO 109 CYMMER CSO AFAN, CSO NO 109, CYMMER CSO, AFAN, NEATH PORT TALBOT CBC	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0307901 Permit Version: 1 Receiving Water: THE AFON AFAN	Status: Effective Issue date: 18/03/2003 Effective Date: 18/03/2003 Revocation Date: -
J	314m N	CSO 108 REAR 16 MARGAM ST CYMMER, MARGAM STREET, CYMMER, MAESTEG NEATH PORT TALBOT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BP0028607 Permit Version: 3 Receiving Water: RIVER AFON	Status: Effective Issue date: 31/03/2005 Effective Date: 01/04/2008 Revocation Date: -
J	328m N	SWO MANHOLE 207 CYMMER MAESTEG, SWO. MANHOLE 207, AVON STREET, CYMMER, MAESTEG NEATH PORT TALBOT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: BW0202701 Permit Version: 2 Receiving Water: RIVER AFAN	Status: Surrendered Issue date: 07/03/2005 Effective Date: 31/03/2008 Revocation Date: -
L	335m E	SWO. CORONATION AVENUE CROESERW, CROESERW	Effluent Type: UNSPECIFIED Permit Number: BW0202001 Permit Version: 1 Receiving Water: RIVER AFAN	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 20/10/1989 Effective Date: 20/10/1989 Revocation Date: 14/03/1994

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**22**

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

Features are displayed on the Current industrial land use map on **page 57**

ID	Location	Details	
3	29m N	Incident Date: 21/11/2003 Incident Identification: 202888 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	156m NW	Incident Date: 14/02/2003 Incident Identification: 137960 Pollutant: Sewage Materials Pollutant Description: Storm Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
G	285m NE	Incident Date: 03/02/2003 Incident Identification: 134712 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	285m NE	Incident Date: 03/02/2003 Incident Identification: 134712 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	289m NE	Incident Date: 31/03/2003 Incident Identification: 147336 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
J	296m N	Incident Date: 28/07/2013 Incident Identification: 1140427 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
I	304m N	Incident Date: 15/11/2001 Incident Identification: 43062 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	307m N	Incident Date: 30/03/2002 Incident Identification: 67751 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	314m N	Incident Date: 22/07/2002 Incident Identification: 93568 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	316m N	Incident Date: 10/05/2002 Incident Identification: 77828 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
J	316m N	Incident Date: 04/09/2013 Incident Identification: 1156103 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: - Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
J	339m N	Incident Date: 18/07/2002 Incident Identification: 92542 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	344m N	Incident Date: 08/03/2003 Incident Identification: 141919 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
L	358m E	Incident Date: 02/06/2001 Incident Identification: 7313 Pollutant: Atmospheric Pollutants and Effects: Contaminated Water Pollutant Description: Smoke: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
L	358m E	Incident Date: 02/06/2001 Incident Identification: 7313 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
L	358m E	Incident Date: 02/06/2001 Incident Identification: 7313 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
15	363m NE	Incident Date: 27/01/2003 Incident Identification: 133485 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
M	393m N	Incident Date: 11/05/2002 Incident Identification: 78055 Pollutant: Sewage Materials Pollutant Description: Storm Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
16	402m S	Incident Date: 18/10/2001 Incident Identification: 37415 Pollutant: Inert Materials and Wastes Pollutant Description: Rocks and Gravel	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
M	411m N	Incident Date: 23/07/2002 Incident Identification: 93837 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)



ID	Location	Details	
M	417m N	Incident Date: 20/06/2002 Incident Identification: 86245 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
17	418m NE	Incident Date: 26/03/2003 Incident Identification: 146311 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m	0
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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
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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.

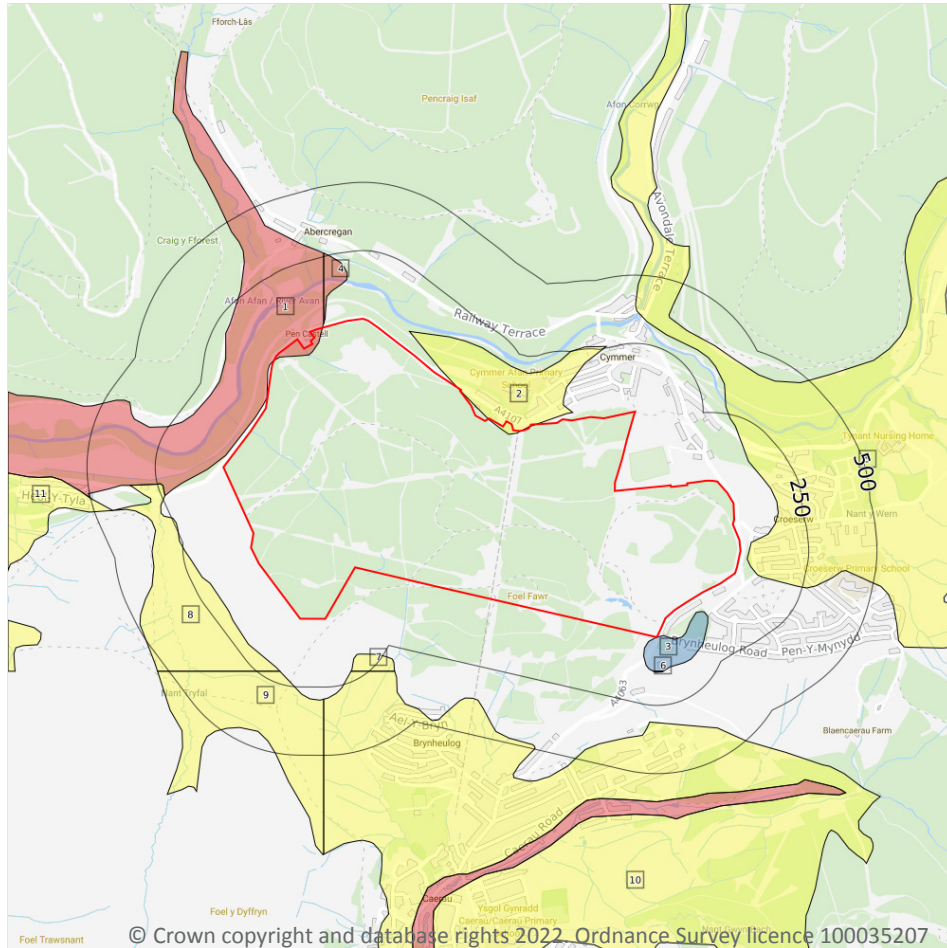
4.21 Pollution inventory radioactive waste

Records within 500m	0
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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



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

11

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 69**

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 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

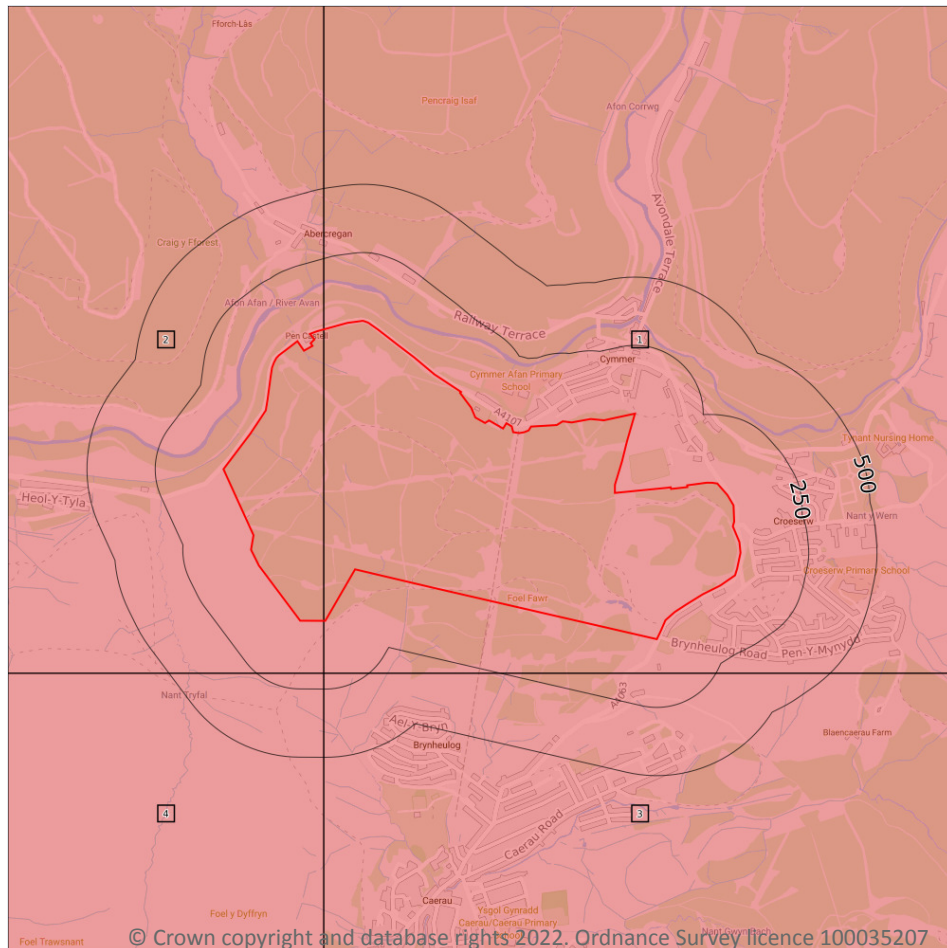


ID	Location	Designation	Description
3	0m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	15m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	30m E	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
6	125m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	175m 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
8	189m 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
9	206m S	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
10	214m 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
11	436m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

4

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 71**

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

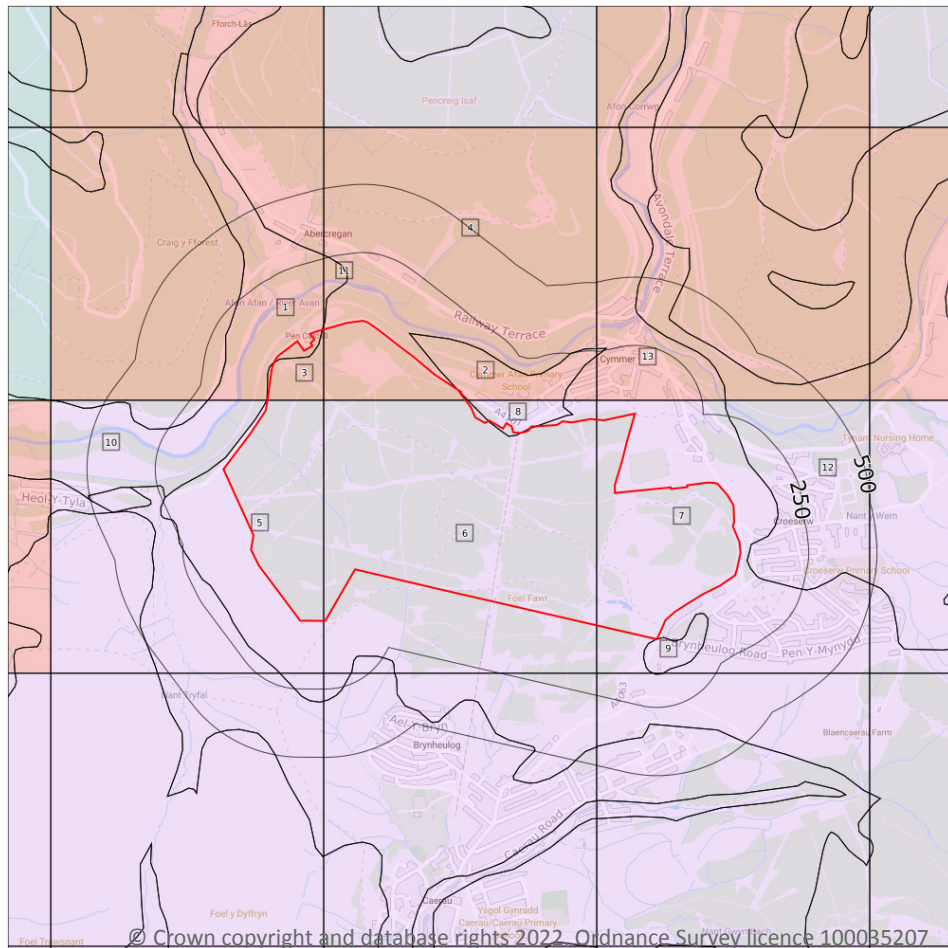


ID	Location	Designation	Description
3	125m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	192m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

13

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 73**

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



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
9	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
10	2m W	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
11	15m N	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: 40- 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
12	29m E	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
13	48m N	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

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



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

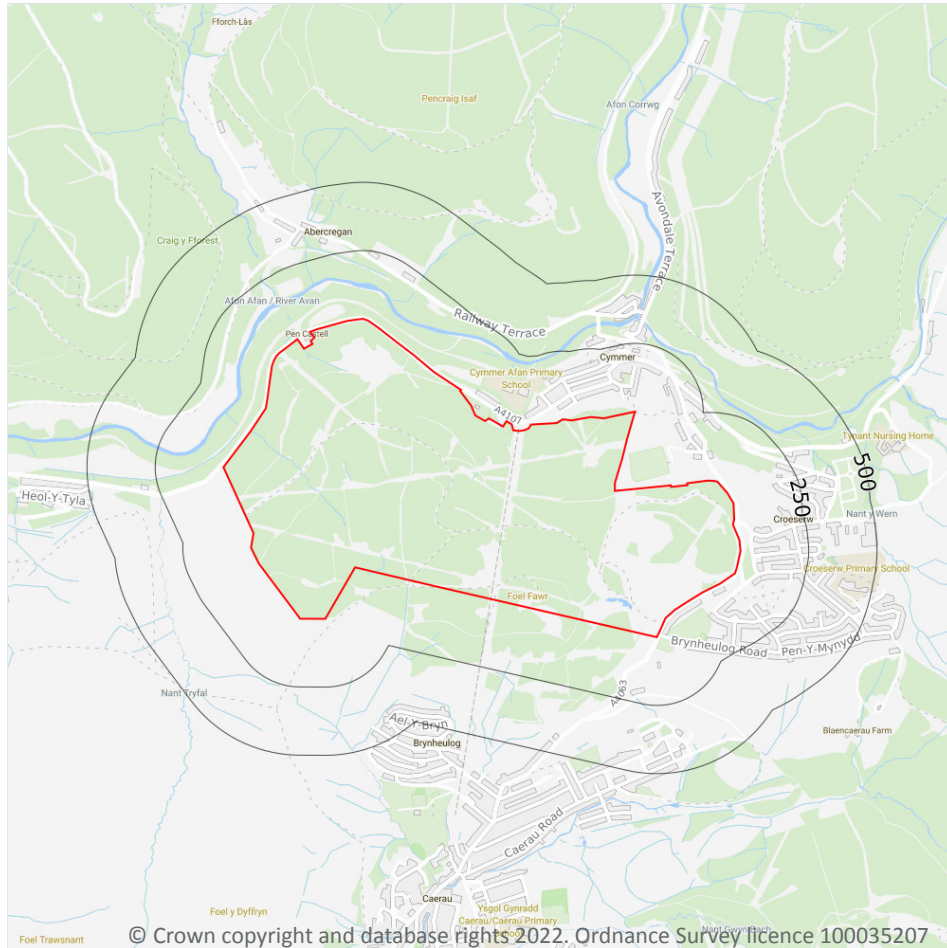
0

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



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Point features
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

0

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

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

5.7 Surface water abstractions

Records within 2000m

2

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 77**

ID	Location	Details	
-	1997m N	Status: Historical Licence No: 21/58/61/0037 Details: Lake & Pond Throughflow Direct Source: EAW Surface Water Point: AFON CORRWG, GLYNCORRWG POND D Data Type: Point Name: Glyncorwg Ponds Cooperative Ltd Easting: 286620 Northing: 197890	Annual Volume (m ³): 408748 Max Daily Volume (m ³): 1200.96 Original Application No: - Original Start Date: 01/04/1995 Expiry Date: - Issue No: 100 Version Start Date: 31/03/2005 Version End Date: -
-	1997m N	Status: Active Licence No: 21/58/61/0037 Details: Lake & Pond Throughflow - Very Low Direct Source: - Point: - Data Type: Point Name: - Easting: 286620 Northing: 197890	Annual Volume (m ³): 184,216 Max Daily Volume (m ³): - Original Application No: - Original Start Date: Mar 31 2005 12:00AM Expiry Date: - Issue No: - Version Start Date: - Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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

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



5.9 Source Protection Zones

Records within 500m**0**

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

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

5.10 Source Protection Zones (confined aquifer)

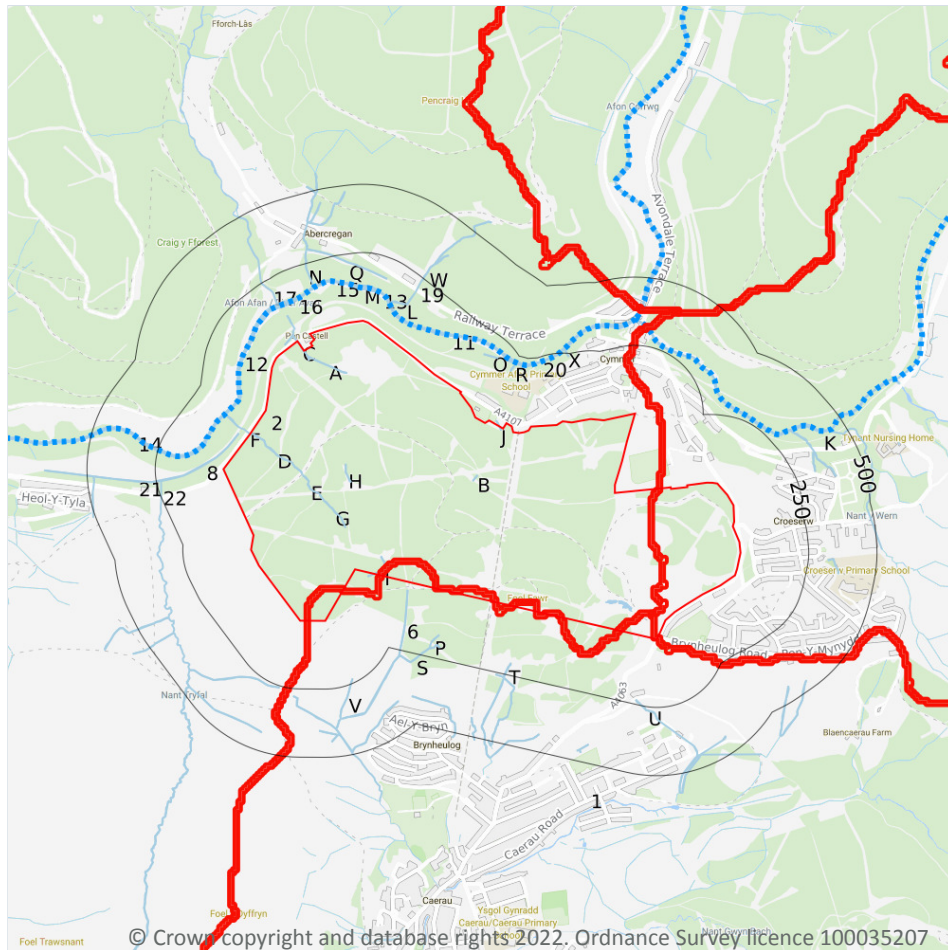
Records within 500m**0**

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

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



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

49

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 80**

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)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

