

ID	Location	Category	Description
117	On site	ROCK	Coal seam, observed ()
118	On site	ROCK	Coal seam, observed ()
119	1m S	ROCK	Coal seam, inferred ()
120	3m S	ROCK	Coal seam, inferred ()
121	9m NW	ROCK	Coal seam, observed ()
122	12m N	ROCK	Coal seam, inferred ()
123	15m N	ROCK	Coal seam, inferred ()
124	21m NW	ROCK	Coal seam, observed ()
125	22m NW	ROCK	Coal seam, observed ()
126	33m NE	ROCK	Coal seam, inferred ()
127	37m S	ROCK	Coal seam, observed ()
128	40m N	ROCK	Coal seam, observed ()
129	42m NW	FOLD_AXIS	Axial plane trace of major anticline
130	48m NW	ROCK	Coal seam, observed ()
131	50m NW	ROCK	Coal seam, observed ()
132	51m NW	ROCK	Coal seam, inferred ()
133	53m S	ROCK	Coal seam, inferred ()
134	58m NW	ROCK	Coal seam, observed ()
135	60m SE	ROCK	Coal seam, observed ()
136	68m N	FAULT	Normal fault, inferred
137	72m N	FAULT	Normal fault, inferred
138	76m NW	FAULT	Normal fault, inferred
140	80m NW	ROCK	Coal seam, observed ()
141	94m S	ROCK	Coal seam, inferred ()
142	105m NE	ROCK	Coal seam, inferred ()
143	106m S	ROCK	Coal seam, inferred ()
144	108m S	ROCK	Coal seam, observed ()
145	109m S	FAULT	Normal fault, inferred



ID	Location	Category	Description
146	125m NW	ROCK	Coal seam, observed ()
147	126m N	ROCK	Coal seam, inferred ()
148	139m NW	ROCK	Coal seam, observed ()
149	141m N	ROCK	Coal seam, inferred ()
150	143m NE	ROCK	Coal seam, observed ()
152	163m NW	ROCK	Coal seam, observed ()
153	164m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
154	169m NW	ROCK	Coal seam, observed ()
155	170m S	FOSSIL_HORIZON	Fossil horizon, marine band ()
158	175m S	FOSSIL_HORIZON	Fossil horizon, marine band ()
159	177m S	ROCK	Coal seam, inferred ()
160	180m NE	ROCK	Coal seam, observed ()
161	183m NE	ROCK	Coal seam, inferred ()
162	186m NW	FOLD_AXIS	Axial plane trace of major syncline
163	198m N	ROCK	Coal seam, observed ()
164	202m NW	ROCK	Coal seam, observed ()
165	206m NE	ROCK	Coal seam, observed ()
166	207m NW	ROCK	Coal seam, observed ()
167	212m NW	ROCK	Coal seam, observed ()
168	224m NW	ROCK	Coal seam, observed ()
169	226m NW	ROCK	Coal seam, observed ()
170	226m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
171	231m NW	FAULT	Normal fault, observed
172	232m NW	ROCK	Coal seam, observed ()
173	234m S	ROCK	Coal seam, inferred ()
174	234m NE	FAULT	Normal fault, inferred
175	236m S	ROCK	Coal seam, observed ()
176	245m NW	ROCK	Coal seam, inferred ()

ID	Location	Category	Description
177	255m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
178	257m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
179	260m NW	ROCK	Coal seam, inferred ()
180	260m W	FOLD_AXIS	Axial plane trace of major anticline
181	264m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
182	273m NW	ROCK	Coal seam, observed ()
183	276m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
184	281m NW	ROCK	Coal seam, observed ()
185	283m N	ROCK	Coal seam, observed ()
186	284m NW	ROCK	Coal seam, observed ()
187	286m NW	ROCK	Coal seam, inferred ()
188	292m NW	ROCK	Coal seam, observed ()
189	292m S	ROCK	Coal seam, inferred ()
190	294m NW	FAULT	Normal fault, inferred
191	297m NW	ROCK	Coal seam, observed ()
192	301m N	ROCK	Coal seam, inferred ()
193	302m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
195	310m NW	ROCK	Coal seam, inferred ()
196	312m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
197	313m NW	ROCK	Coal seam, inferred ()
198	316m N	ROCK	Coal seam, observed ()
199	317m NW	ROCK	Coal seam, observed ()
200	321m N	ROCK	Coal seam, inferred ()
201	325m NW	ROCK	Coal seam, inferred ()
202	327m NW	ROCK	Coal seam, observed ()
203	330m NW	ROCK	Coal seam, inferred ()
204	335m NW	ROCK	Coal seam, observed ()
205	335m NW	ROCK	Coal seam, observed ()



ID	Location	Category	Description
208	350m NW	ROCK	Coal seam, observed ()
210	354m NW	ROCK	Coal seam, observed ()
211	363m NW	ROCK	Coal seam, observed ()
212	367m NW	ROCK	Coal seam, observed ()
213	370m NE	FAULT	Normal fault, inferred
214	371m NW	ROCK	Coal seam, observed ()
215	373m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
216	380m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
217	385m NW	ROCK	Coal seam, inferred ()
218	388m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
219	405m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
220	410m E	FAULT	Normal fault, inferred
221	413m E	ROCK	Coal seam, inferred ()
222	415m NW	ROCK	Coal seam, inferred ()
223	420m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
224	422m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
225	425m N	FAULT	Normal fault, observed
226	451m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
227	457m NW	ROCK	Coal seam, observed ()
228	464m W	ROCK	Coal seam, observed ()
229	464m W	ROCK	Coal seam, inferred ()
230	469m W	ROCK	Coal seam, observed ()
231	471m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
233	472m NE	ROCK	Coal seam, observed ()
234	473m NW	ROCK	Coal seam, observed ()
235	485m NW	ROCK	Coal seam, inferred ()
236	486m N	FOSSIL_HORIZON	Fossil horizon, marine band ()
237	492m N	FAULT	Normal fault, observed

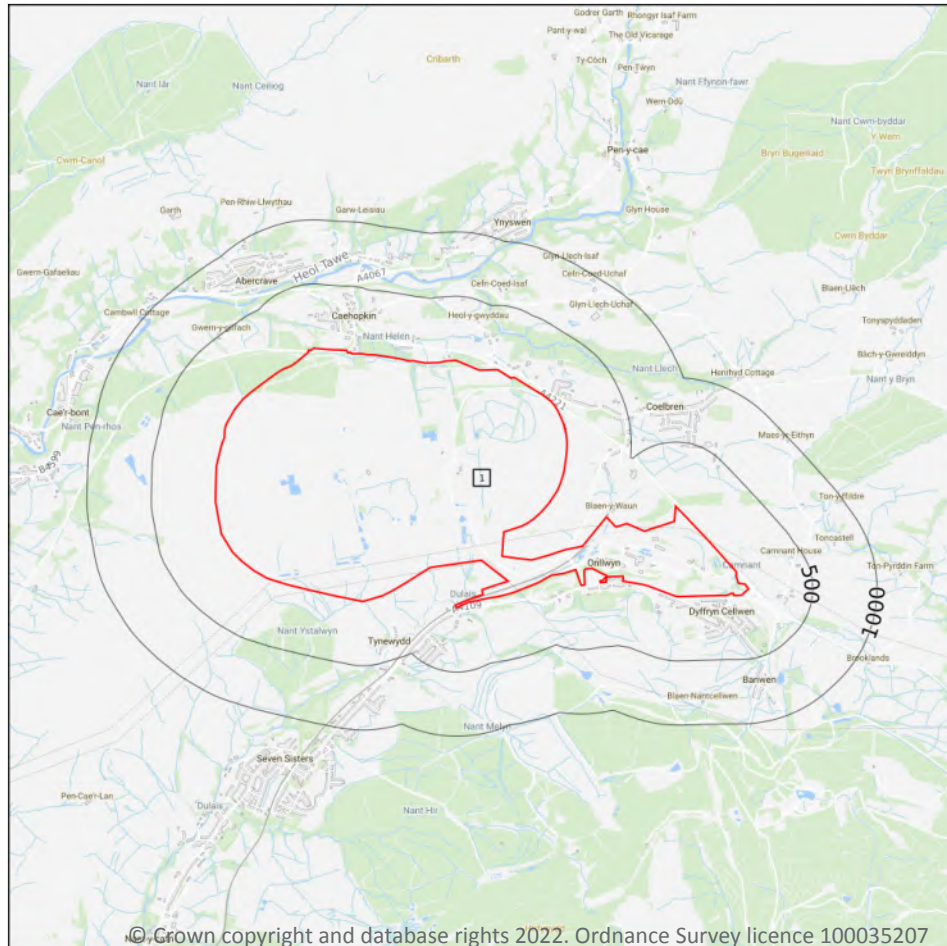


ID	Location	Category	Description
238	494m NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
239	495m NE	ROCK	Coal seam, inferred ()

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

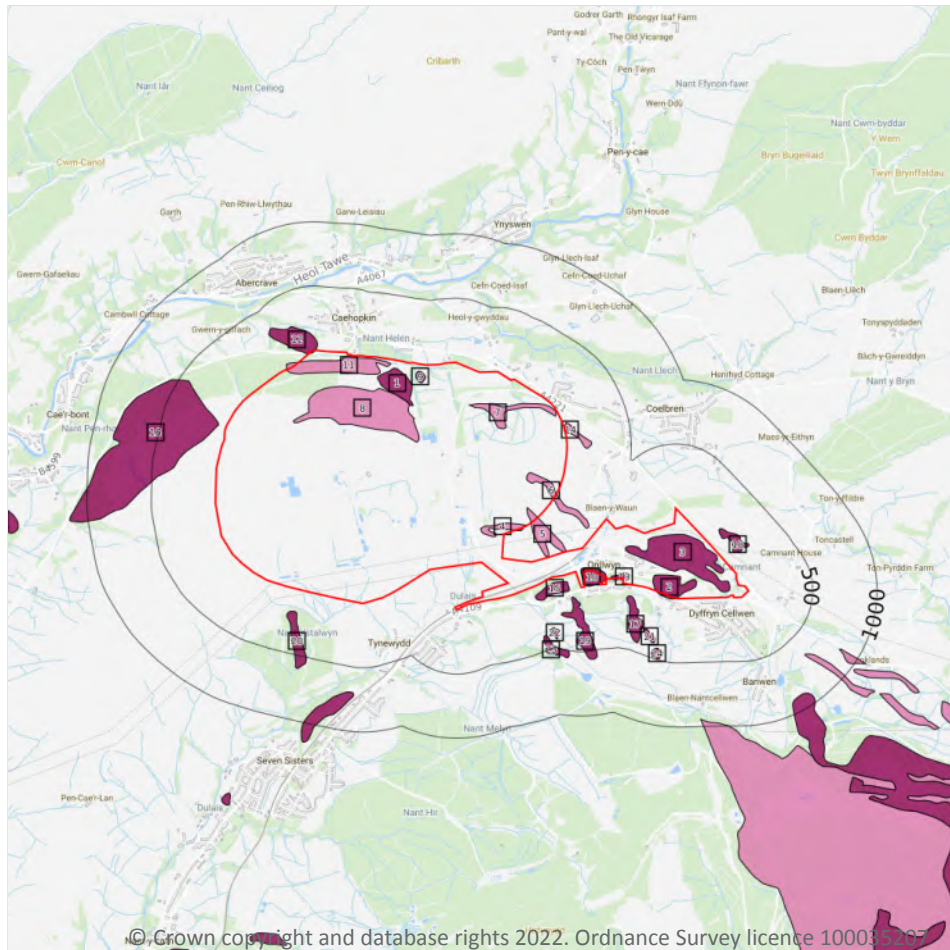
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 250**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW231_merthyr_v4

This data is sourced from the British Geological Survey.

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



- Site Outline**
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

24

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 251**

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
4	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID



ID	Location	LEX Code	Description	Rock description
5	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
6	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
7	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
8	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
9	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
10	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
11	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
12	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
13	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
14	3m E	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
15	42m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
16	62m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
17	89m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
18	95m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
19	97m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
20	174m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
21	302m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
22	353m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
23	388m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
24	413m S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

10

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low

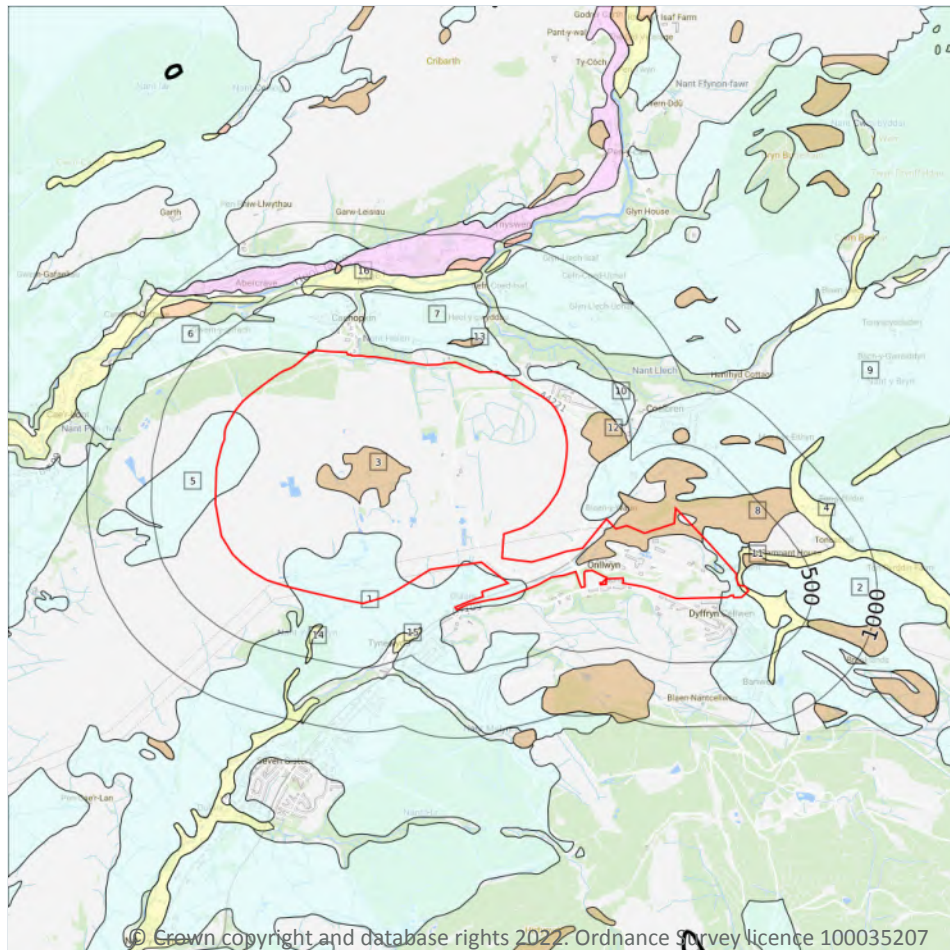


Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
On site	Mixed	Very High	Low
42m SE	Mixed	Very High	Low

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

16

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 254**

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON
2	On site	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON
3	On site	PEAT-P	PEAT	PEAT



ID	Location	LEX Code	Description	Rock description
4	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
5	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
6	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
7	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
8	On site	PEAT-P	PEAT	PEAT
9	6m N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
10	69m NE	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
11	91m NE	PEAT-P	PEAT	PEAT
12	119m E	PEAT-P	PEAT	PEAT
13	134m N	PEAT-P	PEAT	PEAT
14	228m S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
15	310m SW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
16	432m N	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

11

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Low
On site	Mixed	High	Low
On site	Mixed	Low	Very Low
On site	Mixed	Low	Very Low
On site	Mixed	High	Low
On site	Mixed	High	Low
On site	Mixed	Low	Very Low



Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Low
On site	Mixed	High	Low
On site	Intergranular	High	Very Low
6m E	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0
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Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

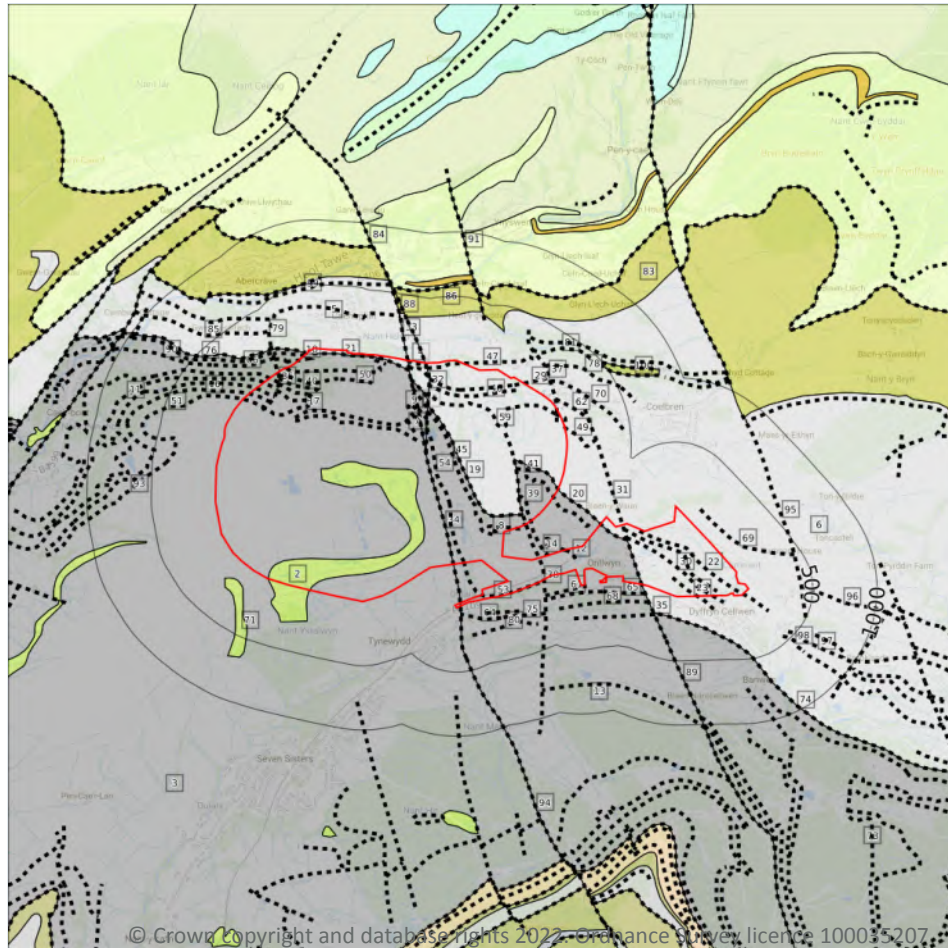
Records within 50m	0
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A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

13

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 257**

ID	Location	LEX Code	Description	Rock age
2	On site	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
3	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN



ID	Location	LEX Code	Description	Rock age
4	On site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
5	On site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
6	On site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
13	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
52	On site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
71	138m SW	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
73	166m S	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
83	302m N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
86	329m N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
88	349m N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
100	481m NE	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	4
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A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

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



This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

90

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 257**

ID	Location	Category	Description
1	On site	ROCK	Coal seam, observed
7	On site	ROCK	Coal seam, observed
8	On site	ROCK	Coal seam, observed
9	On site	ROCK	Coal seam, observed
10	On site	ROCK	Coal seam, observed
11	On site	ROCK	Coal seam, observed
12	On site	ROCK	Coal seam, observed
14	On site	ROCK	Coal seam, observed
15	On site	ROCK	Coal seam, observed
16	On site	ROCK	Coal seam, observed
17	On site	ROCK	Coal seam, observed
18	On site	FOSSIL_HORIZON	Marine band
19	On site	FOSSIL_HORIZON	Marine band
20	On site	FOSSIL_HORIZON	Marine band
21	On site	FOSSIL_HORIZON	Marine band
22	On site	ROCK	Coal seam, inferred
23	On site	ROCK	Coal seam, inferred
24	On site	ROCK	Coal seam, inferred
25	On site	ROCK	Coal seam, inferred
26	On site	ROCK	Coal seam, inferred
27	On site	ROCK	Coal seam, inferred



ID	Location	Category	Description
28	On site	ROCK	Coal seam, inferred
29	On site	ROCK	Coal seam, inferred
30	On site	ROCK	Coal seam, inferred
31	On site	FAULT	Fault, inferred, displacement unknown
32	On site	FAULT	Fault, inferred, displacement unknown
33	On site	FAULT	Fault, inferred, displacement unknown
34	On site	FAULT	Fault, observed, displacement unknown
35	On site	FAULT	Fault, observed, displacement unknown
36	On site	FAULT	Fault, observed, displacement unknown
37	On site	FAULT	Fault, observed, displacement unknown
38	On site	FAULT	Fault, inferred, displacement unknown
39	On site	ROCK	Coal seam, observed
40	On site	ROCK	Coal seam, observed
41	On site	ROCK	Coal seam, observed
42	On site	ROCK	Coal seam, observed
43	On site	ROCK	Coal seam, observed
44	On site	ROCK	Coal seam, inferred
45	On site	ROCK	Coal seam, inferred
46	On site	ROCK	Coal seam, observed
47	On site	ROCK	Coal seam, observed
48	On site	ROCK	Coal seam, observed
49	On site	ROCK	Coal seam, observed
50	On site	ROCK	Coal seam, inferred
51	On site	ROCK	Coal seam, observed
53	On site	ROCK	Coal seam, inferred
54	On site	ROCK	Coal seam, inferred
55	On site	ROCK	Coal seam, observed
56	On site	ROCK	Coal seam, observed



ID	Location	Category	Description
57	On site	ROCK	Coal seam, observed
58	On site	ROCK	Coal seam, observed
59	On site	ROCK	Coal seam, observed
60	On site	ROCK	Coal seam, observed
61	9m S	ROCK	Coal seam, inferred
62	39m NE	ROCK	Coal seam, inferred
63	57m S	ROCK	Coal seam, observed
64	59m SE	ROCK	Coal seam, observed
65	62m S	ROCK	Coal seam, inferred
66	109m NW	ROCK	Coal seam, observed
67	110m S	ROCK	Coal seam, inferred
68	116m S	ROCK	Coal seam, inferred
69	122m NE	ROCK	Coal seam, inferred
70	123m NE	ROCK	Coal seam, inferred
72	152m NW	ROCK	Coal seam, observed
74	166m S	FOSSIL_HORIZON	Marine band
75	167m S	ROCK	Coal seam, inferred
76	182m NW	FOSSIL_HORIZON	Marine band
77	190m S	ROCK	Coal seam, inferred
78	200m NE	ROCK	Coal seam, observed
79	205m NW	FAULT	Fault, inferred, displacement unknown
80	223m S	ROCK	Coal seam, inferred
81	259m NE	FOSSIL_HORIZON	Marine band
82	277m N	ROCK	Coal seam, inferred
84	305m N	FAULT	Fault, observed, displacement unknown
85	315m NW	ROCK	Coal seam, inferred
87	332m NE	FOSSIL_HORIZON	Marine band
89	349m S	FAULT	Fault, inferred, displacement unknown

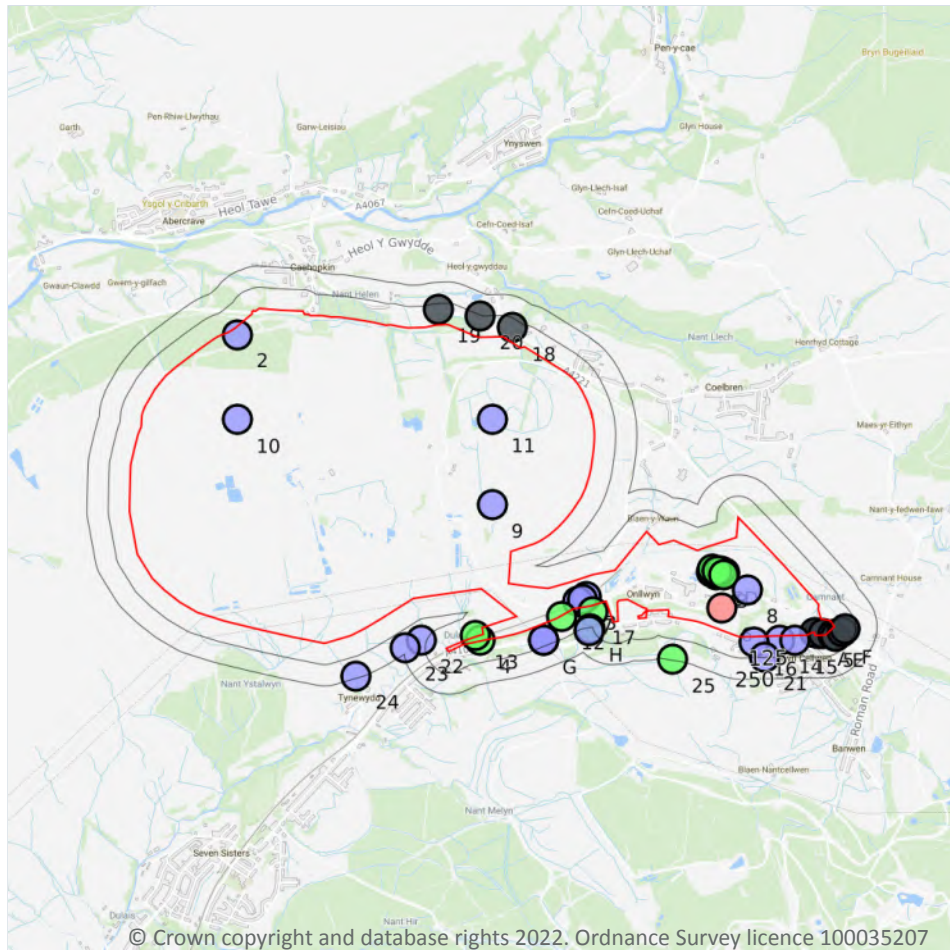


ID	Location	Category	Description
90	360m NW	ROCK	Coal seam, inferred
91	369m NE	FAULT	Fault, inferred, displacement unknown
92	394m NW	ROCK	Coal seam, inferred
93	395m W	ROCK	Coal seam, inferred
94	399m S	FAULT	Fault, inferred, displacement unknown
95	406m E	FAULT	Fault, inferred, displacement unknown
96	412m E	ROCK	Coal seam, inferred
97	440m SE	ROCK	Coal seam, inferred
98	452m SE	ROCK	Coal seam, inferred
99	466m N	FOSSIL_HORIZON	Marine band
101	481m NE	FOSSIL_HORIZON	Marine band
102	494m W	ROCK	Coal seam, observed
103	497m NE	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

44

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 263**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	284000 210430	NANT HELEN O C C S TP1	1.9	N	258523
2	On site	282000 212000	ABERCRAVE & INTERNATIONAL COLLIERY	-2.0	N	258514
3	On site	284050 210460	NANT HELEN O C C S TP3	1.5	N	258525



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	283430 210200	YSTRADGYNLAIS-ONLLWYN ROAD 41	15.85	N	258497
5	On site	285448 210241	Onllwyn CSO Ground Investigation BH3	-	Y	N/A
6	On site	284850 210390	ONLLWYN TIP. ON10	45.11	N	258505
7	On site	284030 210440	NANT HELEN O C C S TP2	2.0	N	258524
8	On site	285000 210500	LLWYND PCA, 547	-2.0	N	258479
9	On site	283500 211000	ONLLWYN, O/C SITE. 070402	-2.0	N	258487
10	On site	282000 211500	ABERCRAVE, 579	-2.0	N	258488
11	On site	283500 211500	CEFN BYRLE, 880	-2.0	N	258491
A	On site	285418 210243	Onllwyn CSO Ground Investigation BH1	-	Y	N/A
A	On site	285397 210244	Onllwyn CSO Ground Investigation BH2	-	Y	N/A
B	On site	284818 210585	ONLLWYN 3	24.0	N	258517
B	On site	284813 210603	ONLLWYN 4	24.0	N	258518
B	On site	284845 210609	ONLLWYN 6	24.0	N	258520
B	On site	284824 210610	ONLLWYN 5	24.0	N	258519
C	On site	284787 210602	ONLLWYN 2	30.0	N	258516
C	On site	284795 210621	ONLLWYN 1	25.55	N	258515
D	On site	284869 210600	ONLLWYN 7	22.0	N	258521
D	On site	284862 210586	ONLLWYN 8	23.0	N	258522
12	7m SE	283910 210340	ONLLWYN TIP. ON11	24.38	N	258506
13	8m N	283400 210230	YSTRADGYNLAIS-ONLLWYN ROAD 40	14.63	N	258496
E	27m SE	285505 210237	Onllwyn CSO Ground Investigation BH4	-	Y	N/A
14	28m S	285190 210200	DYFFRYN CELLWEN NEATH L2	4.0	N	258483
15	30m S	285280 210200	DYFFRYN CELLWEN NEATH L3	4.0	N	258484
16	34m S	285040 210190	DYFFRYN CELLWEN NEATH L1	5.0	N	258482
17	35m S	284090 210370	ONLLWYN TIP. ON7	23.16	N	258503
E	48m SE	285520 210223	Onllwyn CSO Ground Investigation BH9A	-	Y	N/A
F	54m SE	285560 210255	Onllwyn CSO Ground Investigation BH5	-	Y	N/A
F	61m E	285573 210270	Onllwyn CSO Ground Investigation BH6	-	Y	N/A

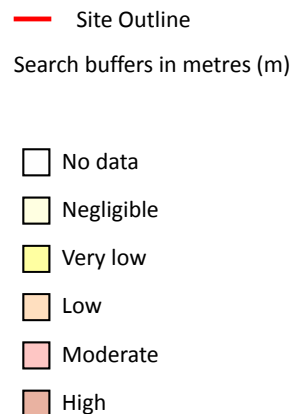
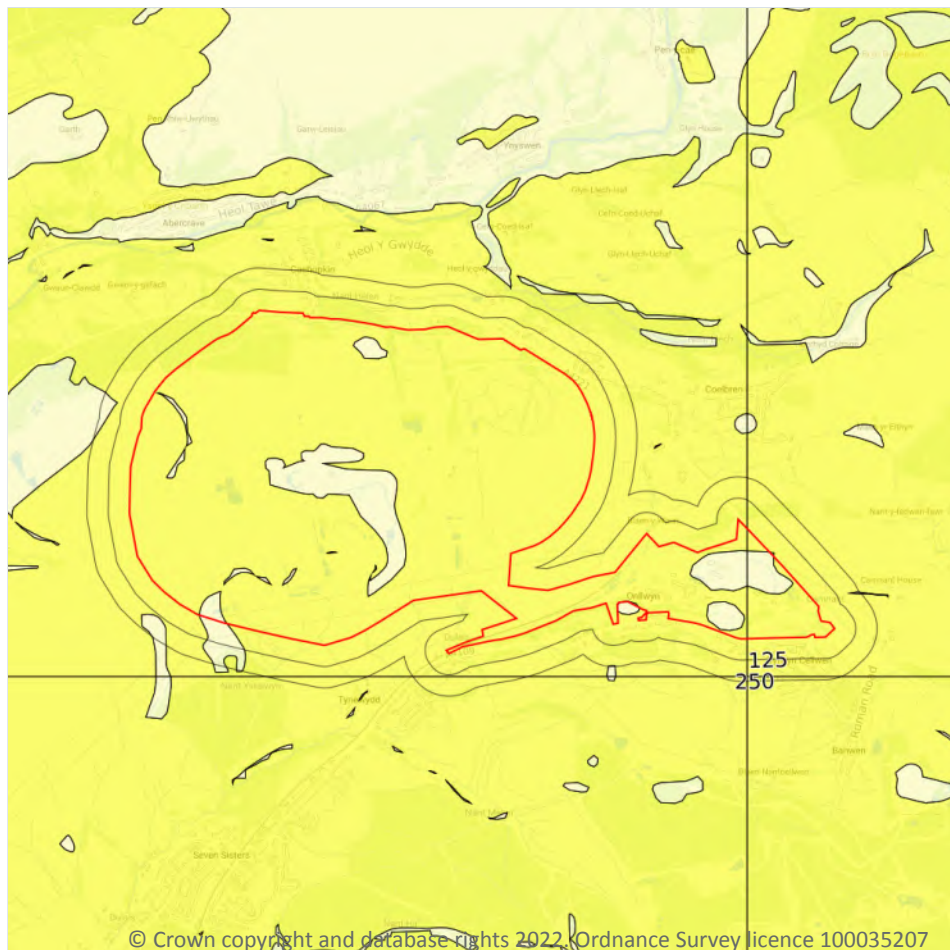


ID	Location	Grid reference	Name	Length	Confidential	Web link
18	76m NE	283620 212040	COELBEREN SEWER RELIEF TP 3	-	Y	N/A
G	92m S	283800 210200	DRYM PIT ONLLWYN	-2.0	N	258529
G	92m S	283800 210200	CROSS MEASURE DRIFT, ONLLWYN NO.1 COLLIERY	-2.0	N	258533
G	92m S	283800 210200	DRYM TRIAL PIT ONLLWYN	-2.0	N	258532
19	94m N	283180 212150	COELBEREN SEWER RELIEF TP 1	-	Y	N/A
20	121m NE	283430 212110	COELBEREN SEWER RELIEF TP 2	-	Y	N/A
21	125m S	285100 210100	CELLWN, 404	-2.0	N	258480
H	133m S	284073 210268	ONLLWYN TIP. ON1	24.38	N	258498
H	140m S	284070 210260	ONLLWYN TIP. ON1A	9.14	N	258499
22	157m W	283080 210200	YSTRADGYNLAIS-ONLLWYN ROAD 39	7.62	N	258495
23	219m SE	282990 210160	YSTRADGYNLAIS-ONLLWYN ROAD 38	7.62	N	258494
24	239m S	282700 209990	YSTRADGYNLAIS-ONLLWYN RD 37	7.77	N	258113
25	244m S	284560 210090	ONLLWYN TIP. ON4	15.54	N	258502

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



17.1 Shrink swell clays

Records within 50m

2

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

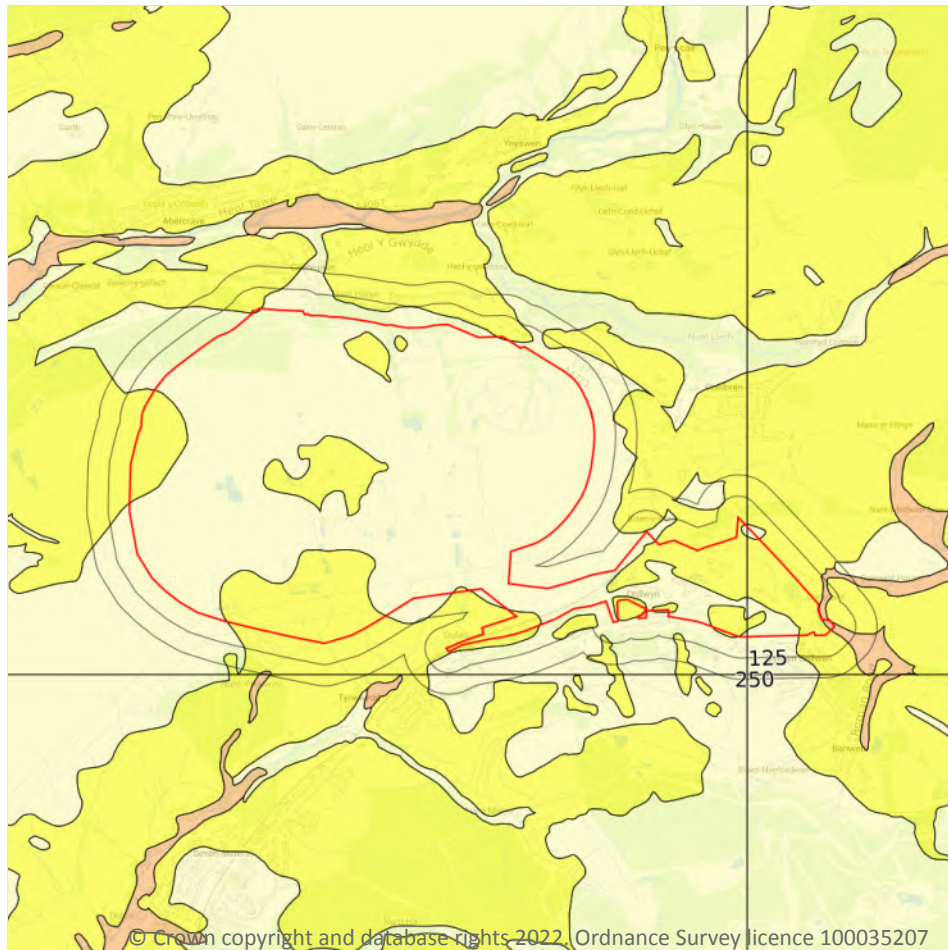
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 266**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



17.2 Running sands

Records within 50m

4

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

Features are displayed on the Natural ground subsidence - Running sands map on **page 267**

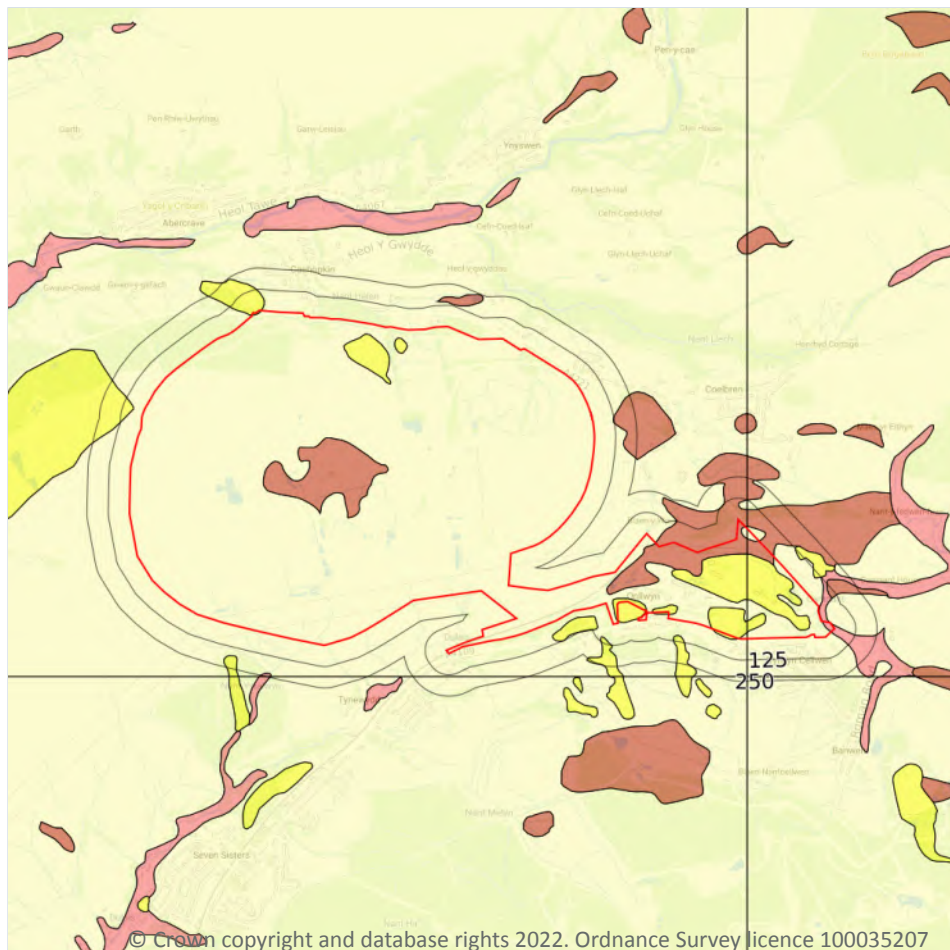
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
42m SE	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

5

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 269**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

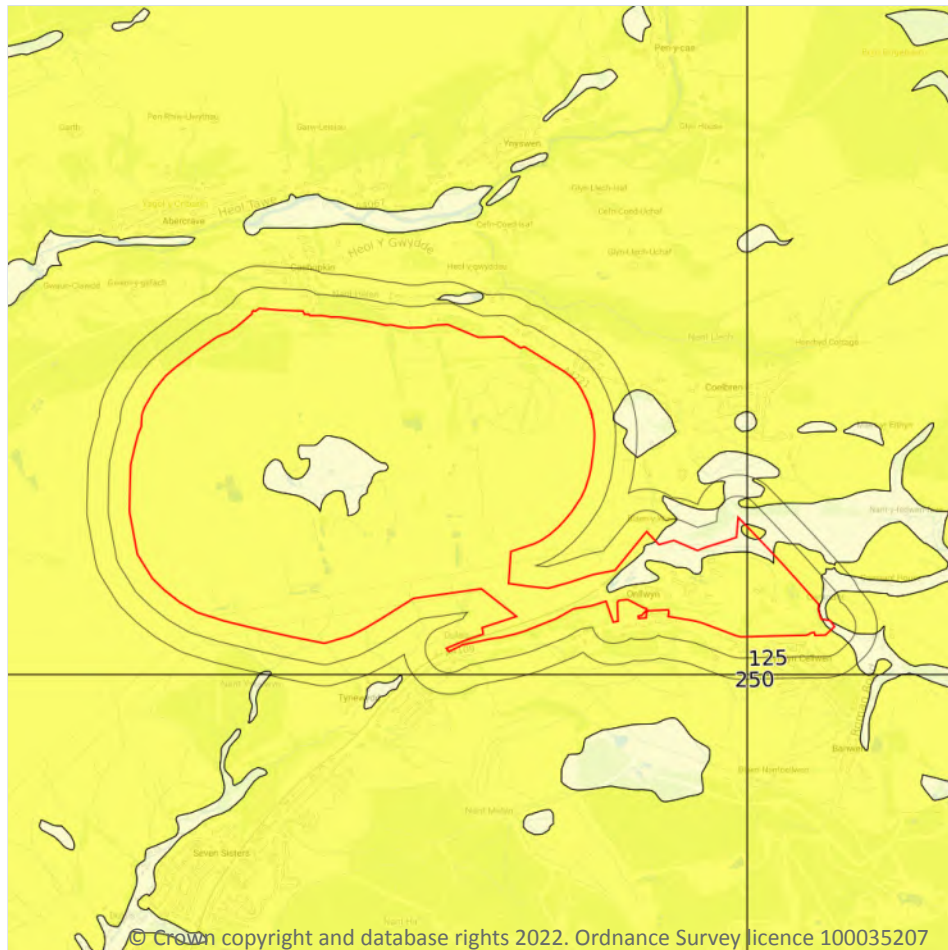


Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
On site	High	Highly compressible strata present. Significant constraint on land use depending on thickness.
42m SE	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

2

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

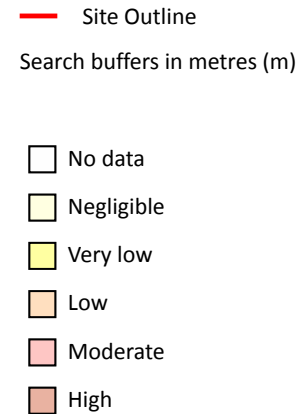
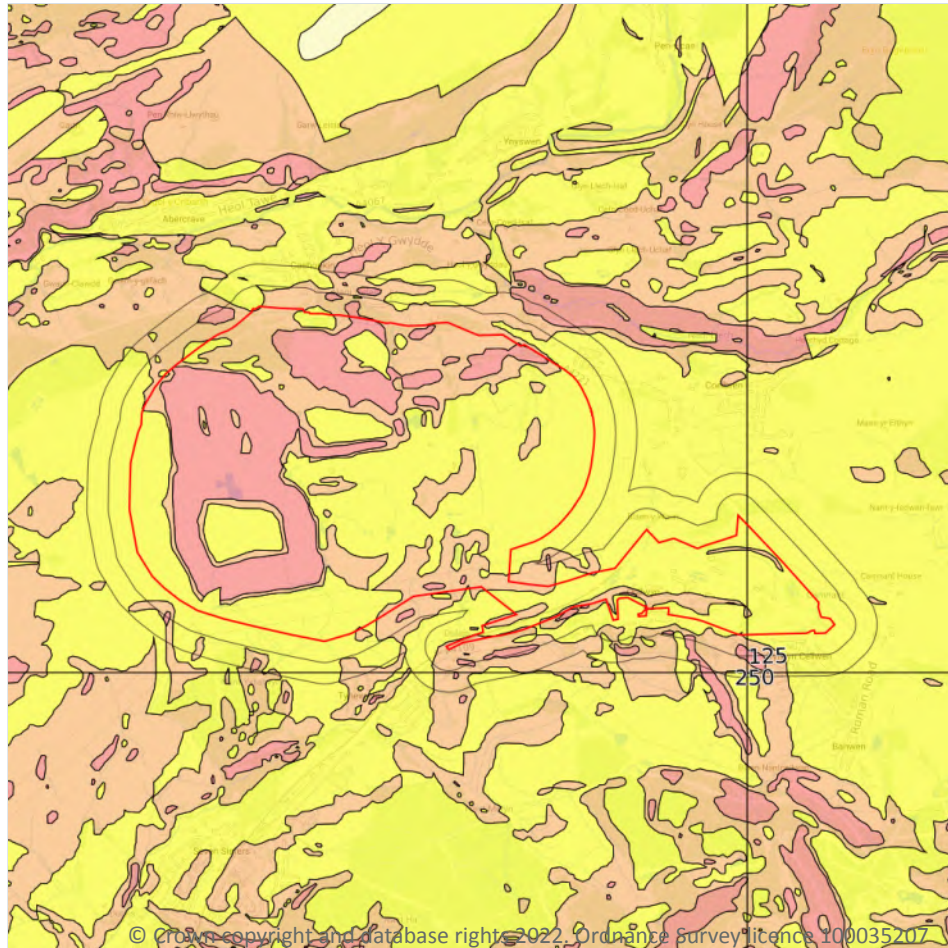
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 271**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



17.5 Landslides

Records within 50m

9

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 272**

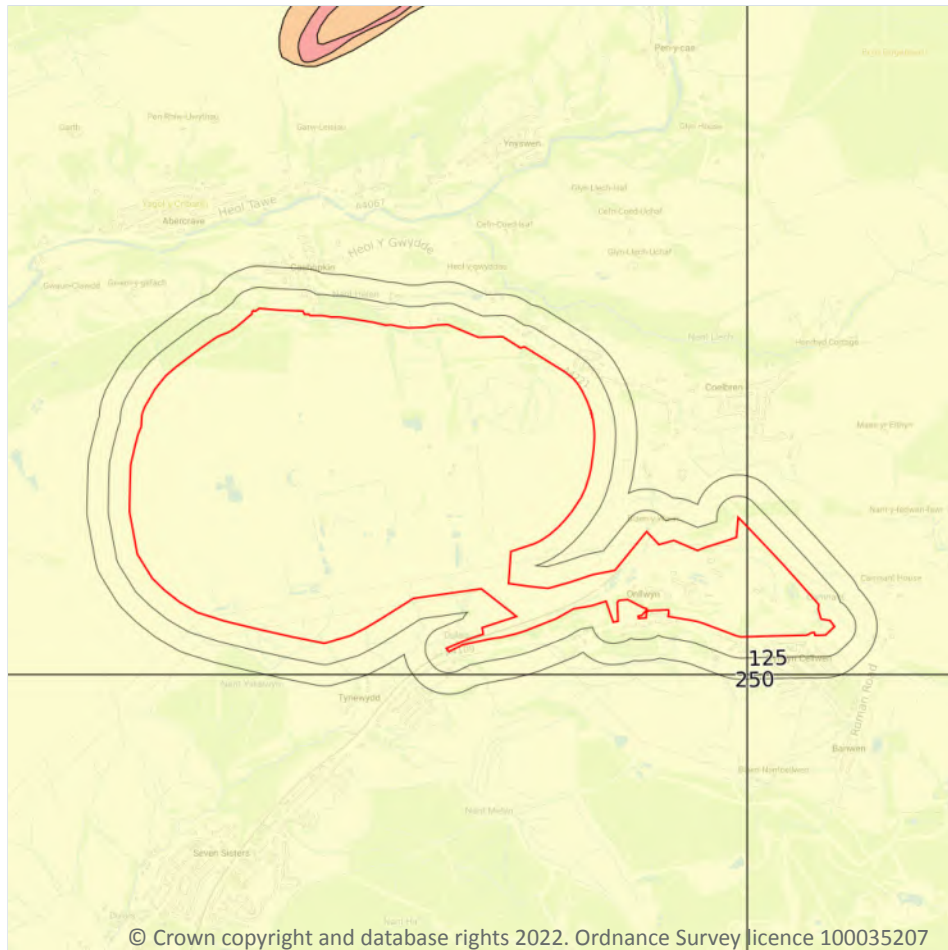
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
On site	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
4m S	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
23m W	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
26m S	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
39m NW	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
45m SE	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.
47m SW	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



— Site Outline
Search buffers in metres (m)

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

17.6 Ground dissolution of soluble rocks

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 274**

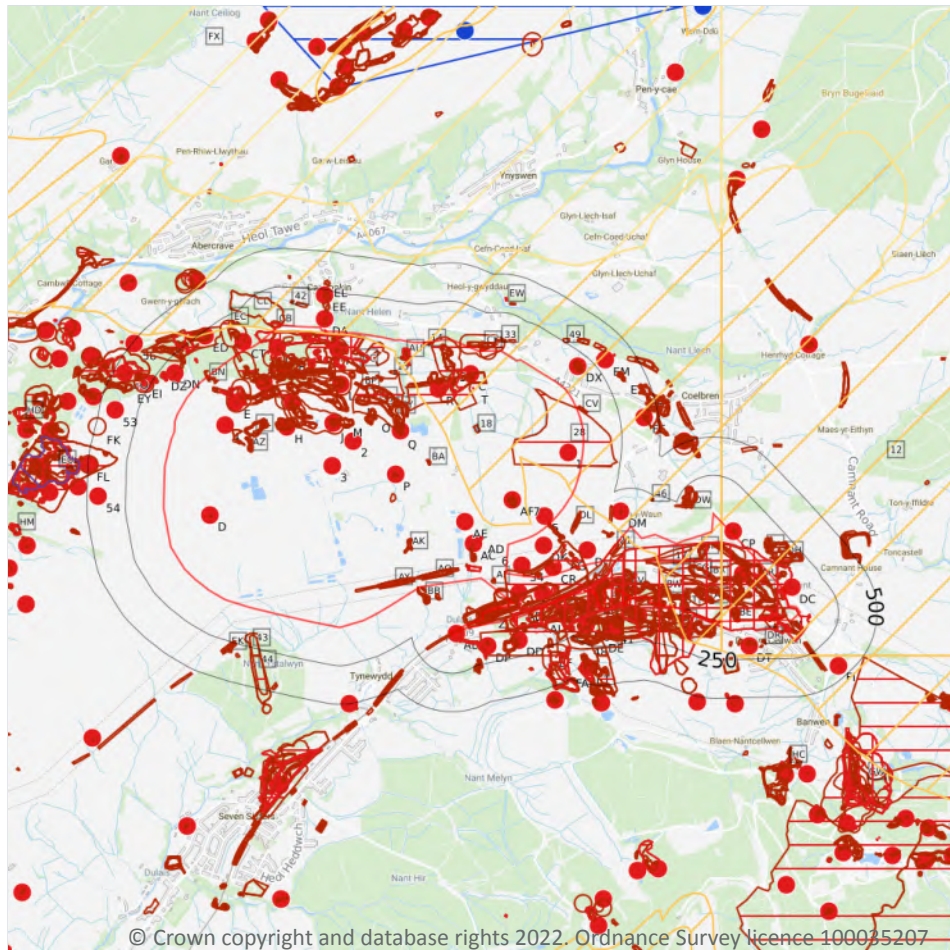
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

111

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 276**

ID	Location	Details	Description
1	On site	Name: Nant Helen OCCS Address: Coelbren, NEATH, West Glamorgan Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
2	On site	Name: Nant Helen OCCS Address: Coelbren, YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
3	On site	Name: Nant Helen Extension Surface Coal Mine Address: YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
4	On site	Name: Nant Helen OCCS Address: YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
5	On site	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
6	On site	Name: Cwm Mawr Coal Workings Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
7	On site	Name: Onllwyn Trial Shaft Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
8	On site	Name: Drym Colliery Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
B	On site	Name: Aber-craf Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
B	On site	Name: Aber-craf Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
C	On site	Name: Cefn Byrle OCCS Address: Cefn Byrle, Coelbren, ABERCRAF, Powys Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
D	On site	Name: Hendre-ladis Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
E	On site	Name: Llwyn-llafrad Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
E	On site	Name: Llwyn-llafrad Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
G	On site	Name: Aber-craf Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
H	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
I	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
J	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
K	On site	Name: Aber-craf Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
K	On site	Name: Aber-craf Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
K	On site	Name: Abercrave Middle Main Address: Caehopkin, NEATH, Powys Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
K	On site	Name: Abercrave Black Drift Address: Caehopkin, NEATH, Powys Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
L	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
M	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
N	On site	Name: Aber-cral Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	On site	Name: Cefn-yr-erw Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
P	On site	Name: Cwm-mawr Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Q	On site	Name: Cefn-yr-erw Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
R	On site	Name: Cefn-byrle Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
R	On site	Name: Cefn-byrle Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
S	On site	Name: Cefn-yr-erw Address: Coelbren, Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
T	On site	Name: Glynllech Colliery Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
U	On site	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	On site	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
W	On site	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
X	On site	Name: Drym Colliery Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
X	On site	Name: Drym Colliery Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
X	On site	Name: Drym Colliery Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Y	On site	Name: Dulais Colliery Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Z	On site	Name: Onllwyn Trial Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
AA	On site	Name: Onllwyn Slope Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AB	On site	Name: Onllwyn Shaft Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AC	On site	Name: Cwm Mawr Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AD	On site	Name: Cwm Mawr Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AD	On site	Name: Cwm Mawr Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
AD	On site	Name: Cwm Mawr Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AE	On site	Name: Cwm Mawr Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AE	On site	Name: Cwm Mawr Air Shaft Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AF	On site	Name: Onllwyn Slope Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AL	1m SE	Name: Halfway House Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
W	9m SE	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AN	11m W	Name: Onllwyn Colliery, No. 1 Drift Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
CP	13m NE	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AJ	43m S	Name: Onllwyn Trial Drift Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
W	47m S	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
CR	47m N	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AJ	47m S	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DC	50m NE	Name: Llwyn-pica Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
CT	53m NW	Name: Llwyn-llafrad Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AN	59m W	Name: Onllwyn Colliery Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
DA	59m NE	Name: Cae-Hopkin Address: Abercraf, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AJ	65m S	Name: Onllwyn Colliery Fan Drift Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
34	68m N	Name: Onllwyn OCCS Address: Onllwyn, Seven Sisters, NEATH, West Glamorgan Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AJ	89m S	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DK	90m SE	Name: Onllwyn Clay Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Clay & Shale Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
DI	90m N	Name: Halfway House Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BC	91m SE	Name: Rhos-y-gelynen Quarries Address: Onllwyn, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BC	97m S	Name: Rhos-y-gelynen Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BC	101m S	Name: Rhos-y-gelynen Quarries Address: Onllwyn, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
BC	101m S	Name: Rhos-y-gelynen Quarries Address: Onllwyn, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
AJ	103m S	Name: Onllwyn Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AG	111m N	Name: Onllwyn Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DM	119m NW	Name: Onllwyn Gravel Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
41	139m S	Name: Onllwyn Inn Quarry Address: Onllwyn, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DU	140m SW	Name: Onllwyn Pit Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
DP	142m S	Name: Onllwyn Four Feet Address: Onllwyn, NEATH, Neath Port Talbot Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DD	143m S	Name: Onllwyn Air Shaft Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DN	161m NW	Name: Llwyn-llafrad Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DT	164m S	Name: Gors Llwyn Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DX	170m NE	Name: Cefn-y-byrle Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
DE	183m S	Name: Onllwyn Inn Quarry Address: Onllwyn, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DU	187m SE	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DU	189m SW	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
DU	207m SE	Name: Onllwyn Quarry Address: Onllwyn, NEATH, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EE	210m N	Name: Cae-Hopkin Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
DZ	215m NW	Name: Llwyn-Ilafrad Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
ED	220m NW	Name: Llwyn-Ilafrad Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
48	227m SW	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EE	240m N	Name: Cae-Hopkin Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EF	284m S	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



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EI	291m NW	Name: Llwyn-llafrad Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EL	304m N	Name: Ty-mawr Address: Abercraf, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EF	307m S	Name: Onllwyn Air Shaft Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EM	323m NE	Name: Cefn-y-byrle Ironstone Pit Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EX	356m NE	Name: Cefn-y-byrle Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
EY	358m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EI	360m NW	Name: Gwaun-y-clawdd Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
53	395m W	Name: Gwaunton OCCS Address: ABERCRAF, Powys Commodity: Coal, Surface Mined Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
ET	396m S	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
FE	409m E	Name: Pen-y-graig Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
FI	420m SE	Name: Coedcae Address: Dyffryn Cellwen, Glyn-Neath, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
54	426m W	Name: Nant Helen Remainder Surface Coal Mine Address: YSTRADGYNLAIS, Powys Commodity: Coal, Surface Mined Status: Active	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
EO	432m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
FH	435m E	Name: Pen-y-graig Address: Coelbren, NEATH, West Glamorgan Commodity: Ironstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
FA	449m S	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
FK	473m W	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
56	486m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority



ID	Location	Details	Description
ET	490m S	Name: Onllwyn Level Address: Onllwyn, NEATH, West Glamorgan Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
EY	491m NW	Name: Gwaun-ton Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
FL	492m W	Name: Hendre-ladis Address: Ystradgynlais, SWANSEA, West Glamorgan Commodity: Ironstone Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	1304
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Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 276**

ID	Location	Land Use	Year of mapping	Mapping scale
9	On site	Unspecified Pit	1877	1:10560
10	On site	Unspecified Ground Workings	1877	1:10560
11	On site	Refuse Heap	1903	1:10560
13	On site	Unspecified Ground Workings	1903	1:10560
14	On site	Cuttings	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
15	On site	Cuttings	1877	1:10560
16	On site	Refuse Heap	1948	1:10560
17	On site	Refuse Heap	1948	1:10560
18	On site	Pond	1987	1:10000
19	On site	Ponds	1987	1:10000
20	On site	Pond	1901	1:10560
21	On site	Cuttings	1877	1:10560
22	On site	Cuttings	1877	1:10560
23	On site	Cuttings	1877	1:10560
24	On site	Unspecified Level	1903	1:10560
25	On site	Unspecified Ground Workings	1962	1:10560
26	On site	Unspecified Pit	1962	1:10560
27	On site	Unspecified Ground Workings	1965	1:10560
28	On site	Unspecified Disused Workings	1987	1:10000
A	On site	Cuttings	1877	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Pit	1948	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Unspecified Pit	1903	1:10560
B	On site	Old Coal Level	1877	1:10560
B	On site	Old Coal Level	1877	1:10560
B	On site	Unspecified Pit	1877	1:10560
B	On site	Reservoir	1903	1:10560
B	On site	Unspecified Old Level	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Heap	1948	1:10560
B	On site	Unspecified Heap	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heaps	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heaps	1903	1:10560
B	On site	Unspecified Heap	1903	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Heap	1877	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Heaps	1921	1:10560
B	On site	Unspecified Pit	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Old Level	1921	1:10560
B	On site	Unspecified Old Quarries	1877	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Heaps	1921	1:10560
B	On site	Unspecified Pit	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Old Level	1921	1:10560
B	On site	Unspecified Ground Workings	1948	1:10560
B	On site	Unspecified Pit	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Unspecified Old Level	1903	1:10560
B	On site	Unspecified Heaps	1877	1:10560
B	On site	Unspecified Old Drift	1877	1:10560
B	On site	Unspecified Disused Level	1965	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Disused Levels	1965	1:10560
B	On site	Unspecified Heap	1965	1:10560
B	On site	Unspecified Heap	1965	1:10560
B	On site	Unspecified Heaps	1965	1:10560
B	On site	Unspecified Heaps	1965	1:10560
B	On site	Unspecified Heap	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Pit	1965	1:10560
B	On site	Unspecified Pit	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Ground Workings	1965	1:10560
B	On site	Unspecified Old Quarry	1877	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Old Levels	1921	1:10560
B	On site	Unspecified Old Level	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560
B	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Pit	1921	1:10560
B	On site	Unspecified Heap	1921	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Pit	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
B	On site	Unspecified Heaps	1914	1:10560
B	On site	Unspecified Ground Workings	1914	1:10560
B	On site	Unspecified Old Level	1914	1:10560
C	On site	Unspecified Heap	1948	1:10560
C	On site	Colliery	1921	1:10560
C	On site	Colliery	1921	1:10560
C	On site	Unspecified Heap	1965	1:10560
D	On site	Unspecified Old Quarry	1877	1:10560
E	On site	Unspecified Ground Workings	1948	1:10560
E	On site	Unspecified Ground Workings	1903	1:10560
E	On site	Old Coal Level	1877	1:10560
E	On site	Old Coal Level	1877	1:10560
E	On site	Unspecified Pit	1877	1:10560
E	On site	Unspecified Pit	1877	1:10560
E	On site	Unspecified Old Quarry	1877	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Heap	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
E	On site	Unspecified Heap	1877	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Old Coal Levels	1948	1:10560
E	On site	Unspecified Disused Levels	1965	1:10560
E	On site	Unspecified Ground Workings	1965	1:10560
E	On site	Unspecified Ground Workings	1965	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Old Coal Levels	1921	1:10560
E	On site	Unspecified Ground Workings	1921	1:10560
E	On site	Old Coal Levels	1914	1:10560
E	On site	Unspecified Ground Workings	1914	1:10560
F	On site	Unspecified Pit	1948	1:10560
F	On site	Unspecified Pit	1903	1:10560
F	On site	Unspecified Old Quarry	1877	1:10560
F	On site	Unspecified Heap	1948	1:10560
F	On site	Unspecified Heap	1903	1:10560
F	On site	Unspecified Ground Workings	1921	1:10560
F	On site	Unspecified Ground Workings	1921	1:10560
F	On site	Unspecified Heap	1965	1:10560
F	On site	Unspecified Pit	1965	1:10560
F	On site	Unspecified Ground Workings	1921	1:10560
F	On site	Unspecified Ground Workings	1914	1:10560
G	On site	Unspecified Old Level	1921	1:10560
G	On site	Unspecified Old Level	1921	1:10560
H	On site	Unspecified Ground Workings	1948	1:10560
H	On site	Unspecified Ground Workings	1903	1:10560
H	On site	Unspecified Old Quarry	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
H	On site	Ponds	1965	1:10560
H	On site	Unspecified Ground Workings	1921	1:10560
H	On site	Unspecified Ground Workings	1921	1:10560
H	On site	Unspecified Heaps	1965	1:10560
H	On site	Unspecified Ground Workings	1921	1:10560
H	On site	Unspecified Ground Workings	1914	1:10560
I	On site	Unspecified Ground Workings	1948	1:10560
I	On site	Unspecified Ground Workings	1903	1:10560
I	On site	Unspecified Ground Workings	1921	1:10560
I	On site	Unspecified Ground Workings	1921	1:10560
I	On site	Coal Level	1877	1:10560
I	On site	Unspecified Heaps	1965	1:10560
I	On site	Unspecified Ground Workings	1921	1:10560
I	On site	Unspecified Ground Workings	1914	1:10560
J	On site	Unspecified Pit	1903	1:10560
J	On site	Pond	1965	1:10560
J	On site	Pond	1987	1:10000
K	On site	Unspecified Ground Workings	1948	1:10560
K	On site	Old Coal Level	1877	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1903	1:10560
K	On site	Unspecified Drift	1903	1:10560
K	On site	Unspecified Heap	1948	1:10560
K	On site	Unspecified Heap	1948	1:10560
K	On site	Colliery	1948	1:10560
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1877	1:10560
K	On site	Colliery	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Refuse Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Colliery	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Refuse Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560
K	On site	Coal Drift	1877	1:10560
K	On site	Unspecified Heap	1965	1:10560
K	On site	Unspecified Heaps	1965	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Old Level	1921	1:10560
K	On site	Unspecified Drift	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Unspecified Ground Workings	1921	1:10560
K	On site	Refuse Heap	1921	1:10560
K	On site	Colliery	1921	1:10560
K	On site	Unspecified Heap	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
K	On site	Colliery	1914	1:10560
K	On site	Unspecified Heap	1914	1:10560
K	On site	Unspecified Drift	1914	1:10560
K	On site	Unspecified Drift	1914	1:10560
K	On site	Unspecified Ground Workings	1914	1:10560
K	On site	Unspecified Ground Workings	1914	1:10560
K	On site	Unspecified Old Level	1914	1:10560
L	On site	Unspecified Heap	1948	1:10560
L	On site	Unspecified Heap	1948	1:10560
L	On site	Unspecified Heap	1965	1:10560
L	On site	Unspecified Heaps	1965	1:10560
L	On site	Unspecified Pit	1965	1:10560
L	On site	Unspecified Heaps	1921	1:10560
L	On site	Unspecified Ground Workings	1914	1:10560
L	On site	Unspecified Heap	1914	1:10560
M	On site	Unspecified Ground Workings	1948	1:10560
M	On site	Unspecified Ground Workings	1903	1:10560
M	On site	Unspecified Old Quarry	1877	1:10560
M	On site	Pond	1965	1:10560
M	On site	Unspecified Ground Workings	1921	1:10560
M	On site	Unspecified Ground Workings	1921	1:10560
M	On site	Unspecified Heap	1965	1:10560
M	On site	Unspecified Ground Workings	1921	1:10560
M	On site	Unspecified Ground Workings	1914	1:10560
N	On site	Unspecified Pit	1948	1:10560
N	On site	Unspecified Pit	1903	1:10560
N	On site	Unspecified Ground Workings	1965	1:10560
O	On site	Unspecified Ground Workings	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
O	On site	Unspecified Pit	1948	1:10560
O	On site	Unspecified Ground Workings	1903	1:10560
O	On site	Unspecified Pit	1903	1:10560
O	On site	Unspecified Old Quarry	1877	1:10560
O	On site	Unspecified Heap	1948	1:10560
O	On site	Unspecified Heap	1903	1:10560
O	On site	Unspecified Ground Workings	1921	1:10560
O	On site	Unspecified Ground Workings	1921	1:10560
O	On site	Unspecified Heaps	1965	1:10560
O	On site	Unspecified Ground Workings	1921	1:10560
O	On site	Unspecified Ground Workings	1914	1:10560
P	On site	Unspecified Old Quarries	1877	1:10560
Q	On site	Unspecified Pit	1948	1:10560
Q	On site	Unspecified Pit	1903	1:10560
Q	On site	Unspecified Ground Workings	1965	1:10560
R	On site	Unspecified Pit	1948	1:10560
R	On site	Unspecified Ground Workings	1903	1:10560
R	On site	Old Coal Levels	1948	1:10560
R	On site	Unspecified Heaps	1948	1:10560
R	On site	Unspecified Heap	1948	1:10560
R	On site	Refuse Heap	1948	1:10560
R	On site	Unspecified Heap	1948	1:10560
R	On site	Colliery	1948	1:10560
R	On site	Unspecified Heap	1903	1:10560
R	On site	Unspecified Old Levels	1903	1:10560
R	On site	Unspecified Old Level	1903	1:10560
R	On site	Unspecified Heap	1877	1:10560
R	On site	Old Coal Levels	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Refuse Heap	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Refuse Heap	1921	1:10560
R	On site	Unspecified Disused Levels	1965	1:10560
R	On site	Unspecified Disused Levels	1965	1:10560
R	On site	Unspecified Heaps	1965	1:10560
R	On site	Unspecified Heap	1965	1:10560
R	On site	Unspecified Disused Drift	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Old Coal Levels	1921	1:10560
R	On site	Old Coal Levels	1921	1:10560
R	On site	Unspecified Heap	1921	1:10560
R	On site	Unspecified Ground Workings	1921	1:10560
R	On site	Unspecified Ground Workings	1921	1:10560
R	On site	Colliery	1921	1:10560
R	On site	Unspecified Heap	1921	1:10560
R	On site	Unspecified Ground Workings	1914	1:10560
R	On site	Unspecified Heap	1914	1:10560
R	On site	Colliery	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
R	On site	Old Coal Levels	1914	1:10560
R	On site	Old Coal Levels	1914	1:10560
R	On site	Old Coal Levels	1914	1:10560
S	On site	Unspecified Old Quarry	1877	1:10560
S	On site	Unspecified Heaps	1903	1:10560
S	On site	Unspecified Ground Workings	1921	1:10560
S	On site	Unspecified Ground Workings	1921	1:10560
S	On site	Unspecified Heaps	1948	1:10560
S	On site	Unspecified Heap	1965	1:10560
S	On site	Unspecified Heap	1965	1:10560
S	On site	Unspecified Pit	1965	1:10560
S	On site	Unspecified Pit	1965	1:10560
S	On site	Unspecified Pit	1965	1:10560
S	On site	Unspecified Pit	1987	1:10000
S	On site	Unspecified Ground Workings	1921	1:10560
S	On site	Unspecified Ground Workings	1914	1:10560
U	On site	Unspecified Pit	1903	1:10560
U	On site	Unspecified Pit	1877	1:10560
U	On site	Old Coal Level	1900	1:10560
U	On site	Old Coal Level	1921	1:10560
U	On site	Old Coal Level	1921	1:10560
U	On site	Unspecified Pit	1921	1:10560
U	On site	Old Coal Level	1921	1:10560
V	On site	Unspecified Pit	1948	1:10560
V	On site	Unspecified Ground Workings	1877	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560
V	On site	Unspecified Old Quarries	1903	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
V	On site	Unspecified Old Quarries	1900	1:10560
V	On site	Unspecified Ground Workings	1962	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560
V	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Unspecified Pit	1948	1:10560
W	On site	Unspecified Ground Workings	1948	1:10560
W	On site	Old Coal Level	1903	1:10560
W	On site	Old Coal Pit	1903	1:10560
W	On site	Unspecified Pit	1877	1:10560
W	On site	Unspecified Pit	1877	1:10560
W	On site	Old Coal Level	1900	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Unspecified Ground Workings	1962	1:10560
W	On site	Unspecified Ground Workings	1962	1:10560
W	On site	Refuse Heap	1977	1:10000
W	On site	Unspecified Ground Workings	1921	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Old Coal Level	1921	1:10560
W	On site	Unspecified Ground Workings	1921	1:10560
X	On site	Old Coal Pit	1901	1:10560
X	On site	Unspecified Slant	1921	1:10560
X	On site	Refuse Heap	1921	1:10560
X	On site	Unspecified Heap	1921	1:10560
X	On site	Unspecified Slant	1921	1:10560
X	On site	Refuse Heap	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
X	On site	Unspecified Heap	1921	1:10560
X	On site	Unspecified Disused Level	1965	1:10560
X	On site	Unspecified Disused Level	1987	1:10000
X	On site	Unspecified Heap	1921	1:10560
X	On site	Unspecified Heap	1948	1:10560
X	On site	Unspecified Slant	1948	1:10560
X	On site	Refuse Heap	1948	1:10560
X	On site	Unspecified Heap	1877	1:10560
X	On site	Old Coal Pit	1877	1:10560
Y	On site	Unspecified Disused Level	1987	1:10000
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Unspecified Heaps	1965	1:10560
Z	On site	Unspecified Heaps	1987	1:10000
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Refuse Heap	1921	1:10560
Z	On site	Refuse Heap	1914	1:10560
Z	On site	Refuse Heap	1914	1:10560
Z	On site	Refuse Heap	1948	1:10560
AA	On site	Refuse Heap	1948	1:10560
AB	On site	Colliery	1921	1:10560
BA	On site	Pond	1901	1:10560
AB	On site	Colliery	1921	1:10560
AB	On site	Unspecified Disused Level	1965	1:10560
AB	On site	Colliery	1921	1:10560
AB	On site	Colliery	1921	1:10560
BA	On site	Pond	1914	1:10560
AB	On site	Refuse Heap	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AB	On site	Colliery	1914	1:10560
BA	On site	Pond	1914	1:10560
AB	On site	Refuse Heap	1914	1:10560
AB	On site	Colliery	1914	1:10560
AB	On site	Unspecified Ground Workings	1948	1:10560
AB	On site	Unspecified Heap	1903	1:10560
CA	On site	Pond	1876	1:10560
AC	On site	Old Coal Level	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
CA	On site	Pond	1901	1:10560
AC	On site	Old Coal Level	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
CA	On site	Pond	1903	1:10560
CA	On site	Pond	1877	1:10560
AC	On site	Unspecified Ground Workings	1965	1:10560
AC	On site	Unspecified Ground Workings	1987	1:10000
AC	On site	Old Coal Level	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Unspecified Heap	1921	1:10560
AC	On site	Old Coal Level	1921	1:10560
BB	On site	Unspecified Ground Workings	1914	1:10560
BB	On site	Unspecified Ground Workings	1914	1:10560
AC	On site	Unspecified Heap	1948	1:10560
AC	On site	Unspecified Heap	1948	1:10560
AC	On site	Old Coal Level	1948	1:10560
BC	On site	Unspecified Ground Workings	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BC	On site	Unspecified Ground Workings	1903	1:10560
BC	On site	Unspecified Ground Workings	1877	1:10560
AD	On site	Old Coal Level	1901	1:10560
CB	On site	Unspecified Heap	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
CB	On site	Unspecified Heap	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
BC	On site	Unspecified Old Quarries	1900	1:10560
BC	On site	Unspecified Ground Workings	1876	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
BC	On site	Cuttings	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
BC	On site	Unspecified Ground Workings	1921	1:10560
AD	On site	Coal Level	1903	1:10560
AD	On site	Old Coal Level	1877	1:10560
BD	On site	Unspecified Pit	1948	1:10560
BD	On site	Unspecified Pit	1903	1:10560
BD	On site	Unspecified Pit	1877	1:10560
CC	On site	Refuse Heap	1921	1:10560
BD	On site	Unspecified Pit	1921	1:10560
CC	On site	Refuse Heap	1921	1:10560
BD	On site	Cuttings	1921	1:10560
BD	On site	Unspecified Pit	1921	1:10560
BD	On site	Unspecified Old Quarries	1900	1:10560
CC	On site	Unspecified Ground Workings	1965	1:10560
BD	On site	Unspecified Pit	1921	1:10560
CC	On site	Refuse Heap	1921	1:10560
BD	On site	Unspecified Pit	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BD	On site	Cuttings	1921	1:10560
BE	On site	Unspecified Pit	1948	1:10560
BE	On site	Unspecified Ground Workings	1948	1:10560
BE	On site	Unspecified Pit	1903	1:10560
BE	On site	Unspecified Pit	1877	1:10560
BE	On site	Unspecified Ground Workings	1877	1:10560
BE	On site	Unspecified Pit	1900	1:10560
BE	On site	Unspecified Heap	1903	1:10560
BE	On site	Unspecified Heap	1900	1:10560
CD	On site	Unspecified Heap	1921	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
CD	On site	Unspecified Heap	1921	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Heap	1962	1:10560
BE	On site	Unspecified Ground Workings	1962	1:10560
AF	On site	Unspecified Ground Workings	1965	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
AF	On site	Unspecified Ground Workings	1921	1:10560
BE	On site	Unspecified Ground Workings	1921	1:10560
AF	On site	Unspecified Ground Workings	1914	1:10560
AF	On site	Unspecified Ground Workings	1914	1:10560
AF	On site	Unspecified Ground Workings	1948	1:10560
AF	On site	Unspecified Pit	1903	1:10560
AF	On site	Unspecified Heap	1877	1:10560
AF	On site	Unspecified Pit	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AF	On site	Unspecified Ground Workings	1877	1:10560
BF	On site	Unspecified Heap	1948	1:10560
BF	On site	Unspecified Heap	1903	1:10560
BF	On site	Unspecified Heap	1877	1:10560
BF	On site	Unspecified Heap	1900	1:10560
CE	On site	Unspecified Ground Workings	1921	1:10560
AG	On site	Unspecified Pits	1921	1:10560
BF	On site	Unspecified Heaps	1921	1:10560
CE	On site	Unspecified Ground Workings	1921	1:10560
AG	On site	Unspecified Pits	1921	1:10560
BF	On site	Unspecified Heaps	1921	1:10560
BF	On site	Unspecified Heap	1876	1:10560
AG	On site	Unspecified Ground Workings	1921	1:10560
BF	On site	Unspecified Heap	1921	1:10560
BF	On site	Unspecified Heap	1921	1:10560
AG	On site	Unspecified Ground Workings	1914	1:10560
AG	On site	Unspecified Ground Workings	1914	1:10560
AG	On site	Unspecified Ground Workings	1948	1:10560
AG	On site	Unspecified Ground Workings	1877	1:10560
BG	On site	Unspecified Ground Workings	1948	1:10560
BG	On site	Unspecified Ground Workings	1903	1:10560
BG	On site	Unspecified Ground Workings	1877	1:10560
BG	On site	Unspecified Ground Workings	1877	1:10560
AH	On site	Unspecified Ground Workings	1876	1:10560
AH	On site	Unspecified Ground Workings	1901	1:10560
AH	On site	Unspecified Ground Workings	1901	1:10560
BG	On site	Unspecified Ground Workings	1900	1:10560
BG	On site	Unspecified Heaps	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BG	On site	Unspecified Heap	1903	1:10560
BG	On site	Unspecified Heap	1877	1:10560
BG	On site	Unspecified Heap	1877	1:10560
AH	On site	Unspecified Heap	1901	1:10560
CF	On site	Colliery	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
CF	On site	Colliery	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Refuse Heap	1977	1:10000
AH	On site	Refuse Heap	1965	1:10560
AH	On site	Refuse Heap	1987	1:10000
BG	On site	Unspecified Ground Workings	1876	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1921	1:10560
BG	On site	Unspecified Ground Workings	1921	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Colliery	1914	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Unspecified Ground Workings	1914	1:10560
AH	On site	Colliery	1914	1:10560
AH	On site	Unspecified Ground Workings	1948	1:10560
AH	On site	Unspecified Ground Workings	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BH	On site	Unspecified Pit	1948	1:10560
BH	On site	Unspecified Pit	1903	1:10560
BH	On site	Unspecified Heap	1948	1:10560
BH	On site	Unspecified Heap	1903	1:10560
BH	On site	Unspecified Ground Workings	1921	1:10560
AI	On site	Unspecified Heap	1921	1:10560
CG	On site	Unspecified Ground Workings	1921	1:10560
BH	On site	Unspecified Ground Workings	1921	1:10560
AI	On site	Unspecified Heap	1921	1:10560
CG	On site	Unspecified Ground Workings	1921	1:10560
BH	On site	Unspecified Heaps	1877	1:10560
BH	On site	Unspecified Heap	1965	1:10560
AI	On site	Unspecified Heap	1921	1:10560
BH	On site	Unspecified Ground Workings	1921	1:10560
AI	On site	Unspecified Heap	1921	1:10560
BH	On site	Unspecified Ground Workings	1914	1:10560
AI	On site	Unspecified Heap	1914	1:10560
AI	On site	Unspecified Heap	1914	1:10560
AI	On site	Unspecified Heap	1948	1:10560
AI	On site	Unspecified Heap	1877	1:10560
BI	On site	Unspecified Ground Workings	1948	1:10560
BI	On site	Unspecified Ground Workings	1903	1:10560
BI	On site	Unspecified Heap	1948	1:10560
BI	On site	Unspecified Heap	1903	1:10560
AJ	On site	Unspecified Heap	1876	1:10560
CH	On site	Pond	1900	1:10560
BI	On site	Unspecified Heap	1965	1:10560
CH	On site	Unspecified Ground Workings	1965	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
CH	On site	Unspecified Ground Workings	1987	1:10000
AJ	On site	Unspecified Heap	1877	1:10560
BJ	On site	Unspecified Ground Workings	1948	1:10560
BJ	On site	Unspecified Ground Workings	1903	1:10560
BJ	On site	Unspecified Old Quarry	1877	1:10560
BJ	On site	Unspecified Heap	1948	1:10560
BJ	On site	Unspecified Heaps	1948	1:10560
BJ	On site	Unspecified Heap	1903	1:10560
BJ	On site	Unspecified Heap	1903	1:10560
BJ	On site	Unspecified Heaps	1903	1:10560
BJ	On site	Pond	1987	1:10000
BJ	On site	Unspecified Ground Workings	1921	1:10560
CI	On site	Brick Works	1948	1:10560
BJ	On site	Unspecified Ground Workings	1921	1:10560
CI	On site	Cuttings	1921	1:10560
BJ	On site	Unspecified Heaps	1965	1:10560
CI	On site	Refuse Heap	1965	1:10560
BJ	On site	Unspecified Ground Workings	1965	1:10560
BJ	On site	Unspecified Ground Workings	1965	1:10560
BJ	On site	Refuse Heap	1987	1:10000
CI	On site	Unspecified Ground Workings	1921	1:10560
BJ	On site	Unspecified Ground Workings	1921	1:10560
AK	On site	Refuse Heaps	1921	1:10560
BJ	On site	Unspecified Ground Workings	1914	1:10560
AK	On site	Refuse Heap	1914	1:10560
AK	On site	Refuse Heap	1914	1:10560
AK	On site	Refuse Heap	1903	1:10560
BK	On site	Unspecified Pit	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BK	On site	Unspecified Pit	1903	1:10560
BK	On site	Unspecified Heap	1948	1:10560
BK	On site	Unspecified Heap	1903	1:10560
CJ	On site	Disused Colliery	1948	1:10560
CJ	On site	Colliery	1903	1:10560
BK	On site	Unspecified Pit	1965	1:10560
BK	On site	Unspecified Ground Workings	1965	1:10560
BK	On site	Unspecified Ground Workings	1965	1:10560
BK	On site	Unspecified Pit	1921	1:10560
AL	On site	Old Coal Level	1903	1:10560
BL	On site	Unspecified Ground Workings	1948	1:10560
BL	On site	Unspecified Ground Workings	1903	1:10560
BL	On site	Unspecified Ground Workings	1877	1:10560
BL	On site	Pond	1965	1:10560
BL	On site	Pond	1987	1:10000
BL	On site	Pond	1987	1:10000
BL	On site	Unspecified Heap	1921	1:10560
AM	On site	Unspecified Pit	1921	1:10560
BL	On site	Unspecified Heap	1921	1:10560
AM	On site	Unspecified Pit	1921	1:10560
CK	On site	Colliery	1948	1:10560
AM	On site	Unspecified Disused Level	1965	1:10560
BL	On site	Unspecified Ground Workings	1965	1:10560
AM	On site	Unspecified Disused Level	1987	1:10000
CK	On site	Unspecified Drift	1948	1:10560
BL	On site	Unspecified Heap	1921	1:10560
BL	On site	Unspecified Heap	1914	1:10560
AM	On site	Unspecified Pit	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BM	On site	Unspecified Pit	1948	1:10560
BM	On site	Unspecified Pit	1903	1:10560
BM	On site	Pond	1965	1:10560
AN	On site	Cuttings	1876	1:10560
AN	On site	Colliery	1901	1:10560
BM	On site	Pond	1921	1:10560
AN	On site	Colliery	1903	1:10560
CL	On site	Refuse Heap	1965	1:10560
BM	On site	Unspecified Ground Workings	1965	1:10560
CL	On site	Unspecified Disused Tip	1987	1:10000
AN	On site	Unspecified Drift	1948	1:10560
BM	On site	Unspecified Old Quarry	1877	1:10560
AN	On site	Colliery	1921	1:10560
AN	On site	Colliery	1921	1:10560
AN	On site	Colliery	1948	1:10560
BN	On site	Unspecified Ground Workings	1903	1:10560
BN	On site	Unspecified Ground Workings	1877	1:10560
AO	On site	Cuttings	1965	1:10560
AO	On site	Cuttings	1987	1:10000
BN	On site	Unspecified Ground Workings	1921	1:10560
BN	On site	Unspecified Pit	1921	1:10560
AO	On site	Cuttings	1901	1:10560
BN	On site	Unspecified Ground Workings	1921	1:10560
BN	On site	Unspecified Pit	1921	1:10560
AO	On site	Cuttings	1921	1:10560
AO	On site	Cuttings	1948	1:10560
AO	On site	Cuttings	1903	1:10560
CM	On site	Refuse Heap	1965	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
CM	On site	Opencast Workings	1987	1:10000
AO	On site	Cuttings	1921	1:10560
AO	On site	Cuttings	1921	1:10560
AO	On site	Cuttings	1914	1:10560
AO	On site	Cuttings	1914	1:10560
BO	On site	Unspecified Ground Workings	1903	1:10560
BO	On site	Unspecified Heap	1948	1:10560
BO	On site	Unspecified Heap	1948	1:10560
AP	On site	Colliery	1948	1:10560
AP	On site	Colliery	1903	1:10560
BO	On site	Unspecified Heap	1903	1:10560
AP	On site	Colliery	1921	1:10560
AP	On site	Colliery	1921	1:10560
AP	On site	Refuse Heap	1965	1:10560
BO	On site	Unspecified Heap	1965	1:10560
BO	On site	Unspecified Ground Workings	1965	1:10560
CN	On site	Unspecified Ground Workings	1965	1:10560
CN	On site	Unspecified Ground Workings	1987	1:10000
AP	On site	Colliery	1921	1:10560
AP	On site	Colliery	1914	1:10560
BP	On site	Unspecified Ground Workings	1903	1:10560
AQ	On site	Unspecified Old Level	1948	1:10560
AQ	On site	Unspecified Heap	1948	1:10560
AQ	On site	Unspecified Heap	1903	1:10560
AQ	On site	Unspecified Heap	1877	1:10560
AQ	On site	Unspecified Old Level	1921	1:10560
AQ	On site	Unspecified Heap	1921	1:10560
AQ	On site	Unspecified Old Level	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AQ	On site	Unspecified Heap	1921	1:10560
AQ	On site	Unspecified Heap	1965	1:10560
BP	On site	Unspecified Ground Workings	1965	1:10560
CO	On site	Unspecified Ground Workings	1876	1:10560
CO	On site	Unspecified Ground Workings	1921	1:10560
AQ	On site	Unspecified Heap	1921	1:10560
AQ	On site	Unspecified Heap	1914	1:10560
BQ	On site	Unspecified Ground Workings	1877	1:10560
AR	On site	Unspecified Ground Workings	1948	1:10560
AR	On site	Old Coal Level	1903	1:10560
AR	On site	Unspecified Ground Workings	1877	1:10560
BQ	On site	Unspecified Heap	1948	1:10560
BQ	On site	Unspecified Heap	1948	1:10560
BQ	On site	Unspecified Heap	1903	1:10560
BQ	On site	Old Coal Levels	1921	1:10560
BQ	On site	Old Coal Levels	1921	1:10560
AR	On site	Unspecified Old Quarries	1900	1:10560
BQ	On site	Unspecified Heap	1921	1:10560
BQ	On site	Unspecified Heap	1914	1:10560
AR	On site	Unspecified Ground Workings	1921	1:10560
BR	On site	Unspecified Pit	1877	1:10560
AS	On site	Old Coal Level	1948	1:10560
AS	On site	Unspecified Heap	1877	1:10560
AS	On site	Unspecified Heap	1877	1:10560
BR	On site	Unspecified Ground Workings	1921	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560
BR	On site	Unspecified Ground Workings	1921	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AS	On site	Unspecified Disused Level	1962	1:10560
AS	On site	Unspecified Ground Workings	1962	1:10560
AS	On site	Unspecified Ground Workings	1876	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560
AS	On site	Unspecified Ground Workings	1921	1:10560
BS	On site	Unspecified Ground Workings	1948	1:10560
AT	On site	Unspecified Pit	1948	1:10560
BS	On site	Unspecified Pit	1903	1:10560
BS	On site	Unspecified Pit	1903	1:10560
AT	On site	Unspecified Ground Workings	1903	1:10560
BS	On site	Unspecified Ground Workings	1877	1:10560
AT	On site	Unspecified Pit	1877	1:10560
BS	On site	Unspecified Ground Workings	1900	1:10560
AT	On site	Unspecified Pit	1900	1:10560
AT	On site	Colliery	1948	1:10560
AT	On site	Refuse Heaps	1948	1:10560
BS	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
BS	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
BS	On site	Refuse Heap	1977	1:10000
AT	On site	Refuse Heap	1965	1:10560
AT	On site	Refuse Heap	1987	1:10000
BS	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
AT	On site	Unspecified Ground Workings	1921	1:10560
BT	On site	Unspecified Ground Workings	1948	1:10560
BT	On site	Unspecified Ground Workings	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AU	On site	Refuse Heap	1948	1:10560
AU	On site	Refuse Heap	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AU	On site	Refuse Heap	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AU	On site	Unspecified Disused Drift	1965	1:10560
BT	On site	Unspecified Ground Workings	1965	1:10560
AU	On site	Unspecified Disused Drift	1987	1:10000
BT	On site	Unspecified Ground Workings	1876	1:10560
BT	On site	Unspecified Ground Workings	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AU	On site	Refuse Heap	1921	1:10560
BT	On site	Unspecified Pit	1921	1:10560
AV	On site	Unspecified Ground Workings	1877	1:10560
BU	On site	Unspecified Pit	1948	1:10560
BU	On site	Unspecified Pit	1903	1:10560
AV	On site	Pond	1987	1:10000
AV	On site	Unspecified Heap	1921	1:10560
AV	On site	Unspecified Heap	1921	1:10560
BU	On site	Unspecified Heap	1921	1:10560
AV	On site	Unspecified Heap	1921	1:10560
AV	On site	Unspecified Heap	1914	1:10560
BV	On site	Unspecified Ground Workings	1903	1:10560
BV	On site	Unspecified Ground Workings	1877	1:10560
BV	On site	Unspecified Ground Workings	1900	1:10560
AW	On site	Unspecified Drift	1948	1:10560
AW	On site	Unspecified Drift	1921	1:10560
BV	On site	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AW	On site	Unspecified Drift	1921	1:10560
AW	On site	Unspecified Drift	1914	1:10560
BW	On site	Unspecified Ground Workings	1877	1:10560
BW	On site	Unspecified Heap	1965	1:10560
BX	On site	Unspecified Ground Workings	1900	1:10560
BX	On site	Refuse Heap	1948	1:10560
AY	On site	Cuttings	1965	1:10560
AY	On site	Cuttings	1987	1:10000
AY	On site	Cuttings	1901	1:10560
AY	On site	Cuttings	1921	1:10560
AY	On site	Cuttings	1948	1:10560
AY	On site	Cuttings	1903	1:10560
AY	On site	Cuttings	1921	1:10560
AY	On site	Cuttings	1921	1:10560
AY	On site	Cuttings	1914	1:10560
AY	On site	Cuttings	1914	1:10560
BY	On site	Unspecified Heaps	1948	1:10560
BY	On site	Unspecified Heaps	1903	1:10560
AZ	On site	Pond	1965	1:10560
AZ	On site	Ponds	1987	1:10000
AZ	On site	Pond	1901	1:10560
AZ	On site	Pond	1901	1:10560
AZ	On site	Ponds	1921	1:10560
AZ	On site	Ponds	1948	1:10560
AZ	On site	Ponds	1903	1:10560
AZ	On site	Ponds	1877	1:10560
BY	On site	Unspecified Ground Workings	1965	1:10560
AZ	On site	Pond	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AZ	On site	Pond	1921	1:10560
AZ	On site	Pond	1914	1:10560
AZ	On site	Pond	1914	1:10560
BZ	On site	Unspecified Heap	1903	1:10560
BZ	On site	Unspecified Heap	1900	1:10560
AH	0m SW	Unspecified Heap	1903	1:10560
CP	0m NE	Unspecified Old Quarry	1900	1:10560
CQ	1m N	Cuttings	1877	1:10560
AN	2m W	Unspecified Drift	1921	1:10560
29	2m S	Unspecified Ground Workings	1901	1:10560
CK	3m N	Unspecified Disused Drift	1987	1:10000
CK	3m NE	Colliery	1921	1:10560
CQ	3m N	Unspecified Ground Workings	1921	1:10560
AN	4m W	Unspecified Drift	1914	1:10560
AN	4m W	Unspecified Drift	1914	1:10560
CF	5m SE	Unspecified Ground Workings	1901	1:10560
AN	5m W	Unspecified Drift	1921	1:10560
CR	5m N	Unspecified Heap	1921	1:10560
CS	5m S	Unspecified Pit	1921	1:10560
CS	5m S	Unspecified Pit	1921	1:10560
CP	6m NE	Unspecified Old Quarry	1921	1:10560
W	6m SE	Old Coal Pit	1921	1:10560
CK	6m N	Colliery	1921	1:10560
CK	6m N	Colliery	1921	1:10560
AH	6m W	Unspecified Heap	1877	1:10560
CK	6m N	Colliery	1914	1:10560
CP	7m NE	Unspecified Quarry	1962	1:10560
CP	7m NE	Unspecified Old Quarry	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
W	7m SE	Old Coal Pit	1921	1:10560
W	7m SE	Old Coal Pit	1921	1:10560
CP	8m NE	Unspecified Old Quarry	1948	1:10560
AG	8m SE	Unspecified Ground Workings	1921	1:10560
CF	9m SE	Unspecified Disused Tip	1987	1:10000
W	9m SE	Unspecified Ground Workings	1877	1:10560
CK	9m N	Unspecified Drift	1914	1:10560
CK	10m N	Drift	1921	1:10560
CK	10m N	Drift	1921	1:10560
W	10m S	Cuttings	1962	1:10560
BC	10m S	Unspecified Heap	1948	1:10560
CT	10m N	Old Coal Level	1903	1:10560
CT	10m N	Old Coal Level	1877	1:10560
CQ	10m N	Unspecified Heaps	1877	1:10560
CF	11m SE	Unspecified Ground Workings	1921	1:10560
CF	11m SE	Unspecified Ground Workings	1921	1:10560
30	11m SE	Unspecified Ground Workings	1876	1:10560
CU	12m S	Old Coal Level	1948	1:10560
CU	12m S	Old Coal Level	1903	1:10560
CK	12m NE	Refuse Heap	1965	1:10560
CQ	12m N	Unspecified Heap	1948	1:10560
CV	12m NE	Cuttings	1903	1:10560
CV	12m NE	Cuttings	1877	1:10560
CW	13m SE	Old Coal Level	1901	1:10560
W	14m SE	Old Coal Pit	1900	1:10560
CF	14m SE	Refuse Heap	1948	1:10560
CQ	14m N	Unspecified Ground Workings	1921	1:10560
CQ	14m N	Unspecified Ground Workings	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
CK	14m N	Unspecified Drift	1921	1:10560
CQ	14m N	Unspecified Ground Workings	1914	1:10560
CQ	14m N	Unspecified Ground Workings	1914	1:10560
W	14m SE	Old Coal Level	1903	1:10560
W	17m S	Unspecified Ground Workings	1877	1:10560
CR	17m N	Unspecified Old Level	1948	1:10560
CF	17m SE	Refuse Heap	1914	1:10560
CF	17m SE	Refuse Heap	1914	1:10560
CR	17m N	Unspecified Pit	1914	1:10560
CR	17m N	Unspecified Pit	1914	1:10560
W	17m SE	Old Coal Level	1900	1:10560
CU	18m S	Old Coal Level	1921	1:10560
CX	18m NE	Pond	1948	1:10560
CR	19m N	Unspecified Heap	1921	1:10560
CR	19m N	Unspecified Heap	1921	1:10560
CX	19m NE	Pond	1921	1:10560
CY	20m S	Unspecified Pit	1987	1:10000
31	20m S	Unspecified Heaps	1965	1:10560
CY	20m S	Unspecified Ground Workings	1948	1:10560
CF	20m SE	Refuse Heap	1965	1:10560
CF	21m SE	Refuse Heaps	1921	1:10560
CT	22m N	Unspecified Ground Workings	1914	1:10560
BC	23m S	Unspecified Heap	1903	1:10560
CZ	24m S	Unspecified Disused Tip	1987	1:10000
W	24m S	Cuttings	1921	1:10560
CY	24m S	Unspecified Ground Workings	1921	1:10560
BC	25m S	Unspecified Heap	1921	1:10560
CF	25m S	Unspecified Ground Workings	1876	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AJ	25m S	Old Coal Level	1901	1:10560
AN	26m S	Unspecified Ground Workings	1877	1:10560
CY	26m S	Unspecified Ground Workings	1903	1:10560
W	26m S	Pond	1876	1:10560
AJ	27m S	Unspecified Pit	1948	1:10560
AJ	27m S	Unspecified Pit	1903	1:10560
AJ	27m S	Old Coal Level	1921	1:10560
AJ	27m S	Old Coal Level	1921	1:10560
W	28m S	Old Coal Pit	1921	1:10560
CT	28m N	Unspecified Ground Workings	1921	1:10560
AJ	28m S	Refuse Heap	1921	1:10560
AJ	28m S	Refuse Heap	1921	1:10560
A	28m N	Unspecified Pit	1921	1:10560
CT	28m N	Unspecified Ground Workings	1921	1:10560
CT	28m N	Unspecified Ground Workings	1921	1:10560
W	29m S	Unspecified Pit	1877	1:10560
BC	29m S	Unspecified Ground Workings	1948	1:10560
AJ	31m S	Refuse Heap	1914	1:10560
AJ	31m S	Refuse Heap	1914	1:10560
W	32m S	Ponds	1921	1:10560
AJ	33m S	Old Coal Level	1921	1:10560
W	33m S	Unspecified Pit	1962	1:10560
CY	33m S	Unspecified Ground Workings	1921	1:10560
CY	33m S	Unspecified Ground Workings	1921	1:10560
DA	33m NE	Unspecified Pit	1914	1:10560
CW	33m SE	Unspecified Ground Workings	1914	1:10560
CW	33m SE	Unspecified Ground Workings	1914	1:10560
A	34m N	Unspecified Pit	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	34m N	Old Coal Pit	1877	1:10560
DA	35m NE	Unspecified Pit	1948	1:10560
DA	35m NE	Unspecified Pit	1903	1:10560
DA	35m NE	Unspecified Pit	1921	1:10560
DA	35m NE	Unspecified Pit	1921	1:10560
W	35m S	Unspecified Pits	1948	1:10560
DA	36m NE	Unspecified Pit	1921	1:10560
W	36m SE	Unspecified Heap	1900	1:10560
DA	36m NE	Unspecified Pit	1877	1:10560
CZ	37m S	Refuse Heap	1965	1:10560
32	38m S	Unspecified Heap	1948	1:10560
CR	39m N	Unspecified Old Level	1921	1:10560
DB	39m NW	Unspecified Heaps	1877	1:10560
AJ	39m S	Refuse Heap	1921	1:10560
CY	40m S	Unspecified Ground Workings	1877	1:10560
A	41m N	Unspecified Pit	1914	1:10560
A	41m N	Unspecified Pit	1914	1:10560
A	41m N	Unspecified Pit	1948	1:10560
DA	41m NE	Unspecified Old Level	1903	1:10560
A	42m N	Unspecified Pit	1921	1:10560
A	42m N	Unspecified Pit	1921	1:10560
BC	42m S	Unspecified Heap	1948	1:10560
BC	42m S	Unspecified Heap	1903	1:10560
AN	43m W	Pond	1921	1:10560
DC	43m NE	Unspecified Disused Level	1977	1:10000
AJ	43m S	Old Trial Drift	1914	1:10560
AJ	43m S	Old Trial Drift	1914	1:10560
W	44m S	Old Coal Level	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AN	45m W	Pond	1914	1:10560
AN	45m W	Pond	1914	1:10560
AN	46m W	Pond	1903	1:10560
AN	46m W	Pond	1877	1:10560
AN	46m W	Pond	1921	1:10560
BC	46m S	Unspecified Old Quarries	1903	1:10560
AJ	46m S	Unspecified Heap	1948	1:10560
CT	46m NW	Old Coal Level	1921	1:10560
CT	46m NW	Old Coal Level	1921	1:10560
AJ	48m S	Unspecified Heap	1921	1:10560
AJ	48m S	Unspecified Heap	1921	1:10560
DD	48m S	Unspecified Disused Workings	1987	1:10000
CT	48m NW	Old Coal Level	1914	1:10560
DC	48m NE	Old Coal Level	1921	1:10560
DC	48m NE	Old Coal Level	1921	1:10560
CR	48m N	Unspecified Old Level	1914	1:10560
CR	48m N	Unspecified Old Level	1914	1:10560
AJ	48m S	Unspecified Pit	1914	1:10560
AJ	48m S	Unspecified Pit	1914	1:10560
AN	49m W	Pond	1876	1:10560
DC	49m NE	Old Coal Pit	1921	1:10560
BC	49m SE	Unspecified Heap	1965	1:10560
BC	49m SE	Unspecified Heap	1987	1:10000
AN	49m SW	Unspecified Ground Workings	1901	1:10560
AN	49m W	Pond	1921	1:10560
AN	49m W	Pond	1901	1:10560
AG	50m SE	Unspecified Pit	1948	1:10560
CT	50m NW	Old Coal Level	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
BB	50m S	Unspecified Heap	1903	1:10560
BB	50m S	Unspecified Heap	1877	1:10560
DC	50m NE	Old Coal Level	1921	1:10560
CX	50m NE	Unspecified Heap	1877	1:10560
AJ	50m S	Unspecified Ground Workings	1877	1:10560
CR	50m N	Unspecified Old Level	1921	1:10560
CR	50m N	Unspecified Old Level	1921	1:10560
CX	51m NE	Unspecified Heap	1962	1:10560
DE	52m SW	Unspecified Ground Workings	1876	1:10560
DA	52m NE	Old Coal Level	1877	1:10560
CX	53m NE	Unspecified Heap	1921	1:10560
CX	53m NE	Unspecified Heap	1921	1:10560
W	53m S	Unspecified Pit	1877	1:10560
CX	53m NE	Unspecified Heap	1948	1:10560
CX	54m NE	Unspecified Heap	1921	1:10560
CT	54m NW	Old Coal Level	1921	1:10560
CX	54m NE	Unspecified Heap	1921	1:10560
DE	54m SW	Unspecified Ground Workings	1877	1:10560
DE	54m SW	Unspecified Old Quarry	1901	1:10560
DE	56m SW	Unspecified Old Quarry	1903	1:10560
W	56m S	Unspecified Ground Workings	1962	1:10560
W	57m SE	Unspecified Heap	1921	1:10560
W	57m SE	Unspecified Heap	1921	1:10560
DF	57m NW	Unspecified Heap	1948	1:10560
DF	57m NW	Unspecified Ground Workings	1914	1:10560
DF	57m NW	Unspecified Ground Workings	1914	1:10560
BC	57m S	Unspecified Quarry	1876	1:10560
DF	57m NW	Unspecified Heaps	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AJ	58m S	Unspecified Heap	1921	1:10560
CZ	59m S	Refuse Heap	1948	1:10560
33	59m N	Cuttings	1877	1:10560
DF	60m NW	Unspecified Heaps	1921	1:10560
DF	60m NW	Unspecified Heaps	1921	1:10560
AJ	61m S	Unspecified Ground Workings	1921	1:10560
AJ	61m S	Unspecified Ground Workings	1921	1:10560
DE	61m S	Unspecified Ground Workings	1921	1:10560
DE	61m S	Unspecified Ground Workings	1921	1:10560
AJ	62m S	Unspecified Pit	1876	1:10560
AJ	62m S	Unspecified Ground Workings	1948	1:10560
DE	63m S	Unspecified Ground Workings	1914	1:10560
DE	63m S	Unspecified Ground Workings	1914	1:10560
DG	63m S	Unspecified Ground Workings	1921	1:10560
DG	63m S	Unspecified Ground Workings	1921	1:10560
CF	64m SE	Unspecified Ground Workings	1877	1:10560
DF	64m NW	Unspecified Heap	1877	1:10560
W	64m S	Old Coal Level	1903	1:10560
BC	65m S	Unspecified Ground Workings	1965	1:10560
CF	66m S	Unspecified Ground Workings	1914	1:10560
CF	66m S	Unspecified Ground Workings	1914	1:10560
AJ	67m S	Unspecified Pit	1877	1:10560
DE	67m S	Unspecified Ground Workings	1921	1:10560
BC	68m S	Unspecified Pit	1948	1:10560
AJ	69m S	Unspecified Pit	1903	1:10560
BC	69m S	Unspecified Old Quarries	1903	1:10560
DE	70m SW	Unspecified Ground Workings	1921	1:10560
AJ	70m S	Unspecified Pit	1901	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
35	72m SW	Unspecified Ground Workings	1948	1:10560
DH	72m NE	Unspecified Ground Workings	1962	1:10560
DH	72m NE	Unspecified Ground Workings	1876	1:10560
CY	72m S	Unspecified Heap	1948	1:10560
CF	72m SE	Unspecified Ground Workings	1921	1:10560
A	74m N	Unspecified Pit	1921	1:10560
BB	74m S	Unspecified Heap	1948	1:10560
AJ	75m S	Unspecified Heap	1876	1:10560
AJ	75m S	Unspecified Heap	1877	1:10560
DH	75m NE	Unspecified Ground Workings	1921	1:10560
DH	75m NE	Unspecified Ground Workings	1921	1:10560
AJ	77m S	Unspecified Pit	1921	1:10560
AJ	77m S	Unspecified Pit	1921	1:10560
AJ	77m S	Unspecified Pit	1948	1:10560
DF	78m NW	Unspecified Pit	1877	1:10560
CY	78m S	Unspecified Ground Workings	1965	1:10560
CY	78m S	Unspecified Ground Workings	1987	1:10000
CF	78m S	Unspecified Ground Workings	1921	1:10560
DI	78m N	Disused Old Coal Pit	1877	1:10560
DI	78m N	Old Coal Pit	1901	1:10560
AJ	79m S	Unspecified Pit	1914	1:10560
AJ	79m S	Unspecified Pit	1914	1:10560
DG	80m S	Unspecified Heap	1948	1:10560
DJ	80m NE	Unspecified Pit	1877	1:10560
DB	80m NW	Unspecified Ground Workings	1914	1:10560
A	81m N	Unspecified Heap	1921	1:10560
DH	81m NE	Unspecified Ground Workings	1877	1:10560
BC	81m S	Unspecified Heap	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
36	81m NE	Cuttings	1877	1:10560
AJ	82m S	Unspecified Heap	1921	1:10560
DB	82m NW	Unspecified Ground Workings	1965	1:10560
DB	83m NW	Unspecified Ground Workings	1921	1:10560
DB	83m NW	Unspecified Ground Workings	1921	1:10560
DE	83m S	Unspecified Pit	1948	1:10560
DB	85m NW	Unspecified Ground Workings	1921	1:10560
DK	85m SE	Old Clay Pit	1877	1:10560
DG	86m S	Unspecified Ground Workings	1921	1:10560
DH	86m NE	Unspecified Ground Workings	1948	1:10560
DH	86m NE	Unspecified Ground Workings	1903	1:10560
DK	86m SE	Unspecified Pit	1948	1:10560
DH	86m NE	Unspecified Ground Workings	1900	1:10560
DK	86m SE	Old Clay Pit	1901	1:10560
A	87m N	Unspecified Pit	1914	1:10560
A	87m N	Unspecified Pit	1914	1:10560
A	87m N	Unspecified Pit	1921	1:10560
A	87m N	Unspecified Pit	1921	1:10560
A	87m N	Unspecified Pit	1948	1:10560
AJ	88m S	Unspecified Pit	1921	1:10560
DE	88m SW	Refuse Heap	1965	1:10560
DJ	89m NE	Ponds	1977	1:10000
DB	90m NW	Unspecified Heaps	1903	1:10560
DH	91m NE	Unspecified Ground Workings	1921	1:10560
AJ	91m S	Unspecified Drift	1876	1:10560
AJ	92m S	Old Trial Drift	1948	1:10560
AJ	92m S	Old Trial Drift	1921	1:10560
AJ	92m S	Old Trial Drift	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DK	94m SE	Unspecified Pit	1921	1:10560
AJ	95m S	Unspecified Drift	1877	1:10560
AJ	97m S	Old Trial Drift	1921	1:10560
DH	97m NE	Unspecified Ground Workings	1921	1:10560
DJ	98m NE	Unspecified Pit	1948	1:10560
AG	99m SE	Unspecified Pit	1877	1:10560
AG	100m SE	Unspecified Pit	1948	1:10560
AN	101m SW	Unspecified Ground Workings	1876	1:10560
DL	101m SE	Cuttings	1921	1:10560
DL	102m SE	Cuttings	1877	1:10560
DJ	104m NE	Unspecified Heap	1903	1:10560
DJ	104m NE	Unspecified Ground Workings	1877	1:10560
DH	104m NE	Unspecified Ground Workings	1921	1:10560
DH	104m NE	Unspecified Ground Workings	1921	1:10560
DM	105m NW	Old Gravel Pit	1877	1:10560
DJ	106m NE	Unspecified Heap	1900	1:10560
DN	106m NW	Old Ironstone Levels	1914	1:10560
DL	106m SE	Cuttings	1914	1:10560
DL	106m SE	Cuttings	1914	1:10560
DN	107m NW	Old Ironstone Levels	1921	1:10560
DL	107m SE	Unspecified Pit	1965	1:10560
DJ	108m NE	Unspecified Heap	1948	1:10560
DO	108m NE	Unspecified Heap	1903	1:10560
DL	108m SE	Cuttings	1921	1:10560
DL	108m SE	Cuttings	1948	1:10560
DJ	109m NE	Unspecified Ground Workings	1876	1:10560
AG	109m N	Old Coal Pit	1901	1:10560
DN	109m NW	Old Ironstone Levels	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DN	109m NW	Unspecified Old Levels	1903	1:10560
DN	110m NW	Old Ironstone Levels	1921	1:10560
DN	111m NW	Unspecified Pit	1965	1:10560
DP	111m S	Unspecified Heap	1965	1:10560
DN	113m NW	Old Ironstone Level	1877	1:10560
DO	114m N	Unspecified Heap	1877	1:10560
DL	114m SE	Cuttings	1921	1:10560
37	116m NW	Cuttings	1877	1:10560
DQ	116m NW	Unspecified Drifts	1948	1:10560
DP	116m S	Unspecified Ground Workings	1965	1:10560
DP	116m S	Unspecified Ground Workings	1987	1:10000
DD	117m S	Unspecified Ground Workings	1914	1:10560
DD	117m S	Unspecified Ground Workings	1914	1:10560
AG	118m SE	Unspecified Pit	1948	1:10560
AG	118m SE	Unspecified Pit	1877	1:10560
AG	118m N	Cuttings	1877	1:10560
38	120m S	Unspecified Ground Workings	1876	1:10560
DR	126m S	Unspecified Ground Workings	1876	1:10560
DS	128m S	Unspecified Pit	1965	1:10560
AG	129m SE	Unspecified Pit	1921	1:10560
39	129m N	Cuttings	1903	1:10560
DT	129m S	Unspecified Heaps	1876	1:10560
DJ	129m NE	Unspecified Heap	1900	1:10560
DS	131m S	Unspecified Old Quarry	1901	1:10560
DU	131m SW	Old Coal Pit	1921	1:10560
DU	131m SW	Old Coal Pit	1921	1:10560
DU	131m SW	Old Coal Pit	1914	1:10560
DU	131m SW	Old Coal Pit	1914	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DV	132m NW	Colliery	1921	1:10560
DS	132m S	Unspecified Pit	1903	1:10560
40	133m S	Unspecified Heap	1876	1:10560
DU	134m SW	Old Coal Pit	1921	1:10560
DS	134m S	Unspecified Ground Workings	1914	1:10560
DS	134m S	Unspecified Ground Workings	1914	1:10560
DU	135m SW	Old Coal Pit	1921	1:10560
DU	135m SW	Old Coal Pit	1948	1:10560
DU	135m SW	Old Coal Pit	1903	1:10560
DU	137m SW	Old Coal Pit	1901	1:10560
DN	137m NW	Old Ironstone Levels	1921	1:10560
DN	140m NW	Unspecified Heap	1965	1:10560
DW	141m NW	Unspecified Ground Workings	1903	1:10560
DW	141m NW	Unspecified Ground Workings	1921	1:10560
DW	142m NW	Unspecified Ground Workings	1900	1:10560
DN	142m NW	Old Ironstone Levels	1921	1:10560
DX	142m NE	Unspecified Heap	1914	1:10560
DX	143m NE	Unspecified Ground Workings	1921	1:10560
DX	143m NE	Unspecified Ground Workings	1921	1:10560
AG	144m SE	Unspecified Pit	1877	1:10560
DW	144m NW	Unspecified Ground Workings	1948	1:10560
DW	145m NW	Unspecified Ground Workings	1921	1:10560
DW	145m NW	Unspecified Ground Workings	1921	1:10560
DW	145m NW	Unspecified Ground Workings	1921	1:10560
DX	146m NE	Unspecified Pit	1903	1:10560
DX	146m NE	Old Ironstone Quarry	1877	1:10560
DX	146m NE	Unspecified Ground Workings	1921	1:10560
DU	148m SW	Old Coal Level	1901	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DX	148m NE	Unspecified Pit	1948	1:10560
42	148m N	Cuttings	1903	1:10560
DV	149m NW	Unspecified Pit	1965	1:10560
AG	149m N	Unspecified Pit	1877	1:10560
DX	150m NE	Pond	1987	1:10000
DX	150m NE	Pond	1965	1:10560
DT	151m S	Unspecified Pit	1948	1:10560
DW	151m NW	Unspecified Ground Workings	1877	1:10560
DT	152m S	Unspecified Ground Workings	1921	1:10560
DT	153m S	Ponds	1877	1:10560
DX	153m NE	Unspecified Heap	1948	1:10560
DT	154m S	Unspecified Pit	1921	1:10560
DT	154m S	Unspecified Pit	1921	1:10560
43	156m S	Refuse Heap	1965	1:10560
DX	158m NE	Unspecified Pit	1965	1:10560
DX	159m NE	Unspecified Pit	1987	1:10000
DV	160m NW	Colliery	1914	1:10560
DR	161m S	Unspecified Ground Workings	1876	1:10560
DT	161m S	Old Coal Level	1903	1:10560
DV	162m NW	Colliery	1921	1:10560
DV	162m NW	Colliery	1921	1:10560
DY	166m SE	Cuttings	1877	1:10560
44	170m S	Refuse Heap	1948	1:10560
DT	171m S	Old Coal Level	1900	1:10560
DY	171m SE	Cuttings	1876	1:10560
DT	172m S	Old Coal Level	1903	1:10560
DZ	172m NW	Old Ironstone Levels	1921	1:10560
DU	172m SW	Unspecified Pit	1921	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DU	172m SW	Unspecified Pit	1921	1:10560
DV	173m NW	Unspecified Drift	1914	1:10560
DU	173m SW	Unspecified Pit	1948	1:10560
DU	173m SW	Unspecified Pit	1921	1:10560
DW	174m NW	Ponds	1948	1:10560
DW	174m NW	Ponds	1903	1:10560
DW	174m NW	Ponds	1965	1:10560
DW	174m NW	Ponds	1987	1:10000
DZ	174m NW	Old Ironstone Levels	1948	1:10560
DZ	174m NW	Unspecified Old Levels	1903	1:10560
DZ	175m NW	Old Ironstone Levels	1921	1:10560
DV	177m NW	Unspecified Drifts	1921	1:10560
DZ	178m NW	Old Ironstone Level	1877	1:10560
DW	178m NW	Ponds	1921	1:10560
DV	181m NW	Unspecified Ground Workings	1965	1:10560
DU	182m SE	Old Coal Level	1903	1:10560
EA	184m S	Unspecified Ground Workings	1965	1:10560
EA	184m S	Unspecified Ground Workings	1987	1:10000
DW	184m NW	Ponds	1877	1:10560
DU	185m SW	Old Coal Level	1921	1:10560
DU	185m SW	Old Coal Level	1921	1:10560
DW	185m W	Unspecified Heap	1921	1:10560
DU	185m SW	Old Coal Level	1948	1:10560
EB	185m S	Burial Ground	1876	1:10560
DU	186m SE	Unspecified Heap	1876	1:10560
DU	186m SE	Unspecified Heap	1921	1:10560
DU	186m SE	Unspecified Heap	1921	1:10560
DU	186m SE	Unspecified Heap	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
EC	186m NW	Unspecified Heap	1965	1:10560
EC	186m NW	Unspecified Heap	1987	1:10000
DU	187m SE	Unspecified Heap	1877	1:10560
DU	187m SE	Old Coal Level	1921	1:10560
EB	187m S	Burial Ground	1877	1:10560
DW	187m W	Unspecified Heap	1948	1:10560
DU	188m SW	Old Coal Level	1921	1:10560
ED	192m NW	Unspecified Ground Workings	1914	1:10560
ED	192m NW	Unspecified Ground Workings	1921	1:10560
ED	192m NW	Unspecified Ground Workings	1921	1:10560
EE	193m N	Unspecified Old Quarries	1877	1:10560
ED	194m NW	Unspecified Pit	1948	1:10560
ED	194m NW	Unspecified Pit	1903	1:10560
45	195m NW	Unspecified Ground Workings	1965	1:10560
DZ	195m NW	Old Ironstone Levels	1914	1:10560
DV	196m NW	Colliery	1903	1:10560
ED	196m NW	Unspecified Old Quarry	1877	1:10560
ED	196m NW	Unspecified Ground Workings	1921	1:10560
DZ	196m NW	Old Ironstone Levels	1921	1:10560
DU	197m SE	Unspecified Heap	1921	1:10560
ED	197m NW	Unspecified Pit	1965	1:10560
DV	198m NW	Refuse Heap	1921	1:10560
DW	198m NW	Unspecified Pit	1900	1:10560
DV	198m NW	Refuse Heaps	1921	1:10560
DV	198m NW	Refuse Heaps	1921	1:10560
DW	200m NW	Unspecified Pit	1877	1:10560
DZ	201m NW	Old Ironstone Levels	1921	1:10560
DV	201m NW	Unspecified Drifts	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DW	202m NW	Pond	1921	1:10560
DZ	202m NW	Unspecified Heap	1965	1:10560
EF	203m S	Unspecified Heap	1876	1:10560
DV	204m NW	Unspecified Drift	1914	1:10560
DV	205m NW	Unspecified Drifts	1921	1:10560
DW	205m NW	Pond	1921	1:10560
EF	207m S	Unspecified Heap	1877	1:10560
DV	210m NW	Unspecified Drifts	1921	1:10560
ED	210m NW	Unspecified Ground Workings	1948	1:10560
EG	210m S	Unspecified Heap	1876	1:10560
EG	213m S	Unspecified Pit	1914	1:10560
EG	213m S	Unspecified Pit	1914	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	213m S	Unspecified Heap	1921	1:10560
EG	214m S	Unspecified Heap	1948	1:10560
EG	214m S	Unspecified Heap	1877	1:10560
EH	214m NW	Old Ironstone Levels	1914	1:10560
EH	215m NW	Unspecified Ground Workings	1921	1:10560
EH	215m NW	Unspecified Ground Workings	1921	1:10560
ED	215m NW	Unspecified Ground Workings	1965	1:10560
46	216m NE	Unspecified Pit	1903	1:10560
EH	220m NW	Old Ironstone Levels	1921	1:10560
EH	222m NW	Old Ironstone Levels	1948	1:10560
EH	222m NW	Unspecified Heaps	1903	1:10560
EG	222m S	Unspecified Heap	1921	1:10560
EH	222m NW	Unspecified Pit	1965	1:10560
EH	224m NW	Old Ironstone Level	1877	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
EI	225m NW	Unspecified Old Level	1903	1:10560
DV	231m NW	Unspecified Drifts	1921	1:10560
EJ	234m S	Cemetery	1948	1:10560
EJ	236m S	Cemetery	1964	1:10560
EJ	236m S	Cemetery	1980	1:10560
EJ	236m S	Cemetery	1981	1:10000
EF	238m S	Reservoir	1948	1:10560
EH	238m NW	Unspecified Ground Workings	1921	1:10560
DV	240m NW	Unspecified Heap	1921	1:10560
DV	240m NW	Unspecified Heap	1921	1:10560
DV	240m NW	Unspecified Ground Workings	1914	1:10560
EG	241m S	Unspecified Pits	1876	1:10560
EG	241m S	Unspecified Pit	1988	1:10000
EG	241m S	Unspecified Pit	1964	1:10560
EK	241m S	Cuttings	1948	1:10560
EK	241m S	Cuttings	1903	1:10560
EK	241m S	Cuttings	1877	1:10560
EK	242m S	Cuttings	1914	1:10560
EK	242m S	Cuttings	1914	1:10560
DV	242m NW	Unspecified Ground Workings	1921	1:10560
EG	242m SE	Unspecified Pit	1921	1:10560
EG	242m SE	Unspecified Pit	1903	1:10560
EG	242m SE	Unspecified Pit	1877	1:10560
EG	243m SE	Unspecified Old Quarry	1901	1:10560
EK	243m S	Cuttings	1901	1:10560
EG	243m S	Unspecified Ground Workings	1914	1:10560
EG	243m S	Unspecified Ground Workings	1914	1:10560
EG	243m S	Unspecified Ground Workings	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
EG	243m SE	Unspecified Ground Workings	1921	1:10560
EG	243m SE	Unspecified Ground Workings	1921	1:10560
DV	244m NW	Unspecified Ground Workings	1965	1:10560
EK	245m S	Cuttings	1921	1:10560
EG	248m SE	Unspecified Ground Workings	1988	1:10000
EG	248m SE	Unspecified Ground Workings	1964	1:10560
EK	248m S	Cuttings	1921	1:10560
49	248m NE	Cuttings	1877	1:10560
EK	249m S	Cuttings	1921	1:10560
EH	250m NW	Unspecified Heap	1965	1:10560
DV	250m NW	Unspecified Ground Workings	1948	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 276**

ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Old Coal Level	1877	1:10560
B	On site	Old Coal Level	1877	1:10560
B	On site	Unspecified Old Level	1948	1:10560
B	On site	Unspecified Old Levels	1948	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Coal Levels	1877	1:10560
B	On site	Unspecified Disused Level	1965	1:10000
B	On site	Unspecified Disused Levels	1965	1:10000
B	On site	Unspecified Disused Levels	1965	1:10000



ID	Location	Land Use	Year of mapping	Mapping scale
B	On site	Unspecified Disused Levels	1965	1:10000
B	On site	Unspecified Disused Levels	1965	1:10000
E	On site	Old Coal Level	1877	1:10560
E	On site	Old Coal Level	1877	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Old Levels	1903	1:10560
E	On site	Unspecified Disused Levels	1965	1:10000
K	On site	Old Coal Level	1877	1:10560
K	On site	Colliery	1948	1:10560
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1903	1:10560
K	On site	Unspecified Old Levels	1903	1:10560
K	On site	Colliery	1877	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1948	1:10560
K	On site	Unspecified Drift	1903	1:10560
K	On site	Unspecified Drift	1903	1:10560
R	On site	Old Coal Levels	1948	1:10560
R	On site	Colliery	1948	1:10560
R	On site	Unspecified Old Levels	1903	1:10560
R	On site	Unspecified Old Level	1903	1:10560
R	On site	Unspecified Disused Levels	1965	1:10000
R	On site	Unspecified Disused Levels	1965	1:10000
R	On site	Unspecified Disused Drift	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Unspecified Disused Levels	1987	1:10000
R	On site	Air Shaft	1903	1:10560
T	On site	Coal Shaft	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
U	On site	Old Coal Level	1900	1:10560
W	On site	Old Coal Level	1903	1:10560
W	On site	Old Coal Pit	1903	1:10560
W	On site	Old Coal Level	1900	1:10560
X	On site	Old Coal Pit	1901	1:10560
X	On site	Unspecified Disused Level	1965	1:10000
X	On site	Unspecified Disused Level	1987	1:10000
X	On site	Unspecified Old Shaft	1948	1:10560
X	On site	Unspecified Old Shaft	1948	1:10560
X	On site	Unspecified Old Shaft	1903	1:10560
X	On site	Unspecified Old Shaft	1903	1:10560
X	On site	Old Coal Pit	1877	1:10560
Y	On site	Unspecified Disused Level	1987	1:10000
AB	On site	Unspecified Disused Level	1965	1:10000
AB	On site	Unspecified Disused Shaft	1987	1:10000
AC	On site	Old Coal Level	1948	1:10560
AD	On site	Old Coal Level	1901	1:10560
AD	On site	Coal Level	1903	1:10560
AD	On site	Old Coal Level	1877	1:10560
AE	On site	Air Shaft	1948	1:10560
AE	On site	Air Shaft	1903	1:10560
AL	On site	Old Coal Level	1903	1:10560
AM	On site	Unspecified Disused Level	1965	1:10000
AM	On site	Unspecified Disused Level	1987	1:10000
AN	On site	Colliery	1901	1:10560
AN	On site	Colliery	1948	1:10560
AP	On site	Colliery	1948	1:10560
AP	On site	Colliery	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
AQ	On site	Unspecified Old Level	1948	1:10560
AR	On site	Old Coal Level	1903	1:10560
AS	On site	Old Coal Level	1948	1:10560
AS	On site	Unspecified Disused Level	1962	1:10560
AT	On site	Colliery	1948	1:10560
AU	On site	Unspecified Disused Drift	1965	1:10000
AU	On site	Unspecified Disused Drift	1987	1:10000
AV	On site	Unspecified Mine	1965	1:10000
AW	On site	Unspecified Drift	1948	1:10560
AX	On site	Air Shaft	1948	1:10560
AX	On site	Air Shaft	1903	1:10560
CK	3m N	Unspecified Disused Drift	1987	1:10000
CT	10m N	Old Coal Level	1903	1:10560
CT	10m N	Old Coal Level	1877	1:10560
AN	10m W	Air Shaft	1948	1:10560
CU	12m S	Old Coal Level	1948	1:10560
CU	12m S	Old Coal Level	1903	1:10560
CW	13m SE	Old Coal Level	1901	1:10560
W	14m SE	Old Coal Pit	1900	1:10560
W	14m SE	Old Coal Level	1903	1:10560
CR	17m N	Unspecified Old Level	1948	1:10560
W	17m SE	Old Coal Level	1900	1:10560
AJ	25m S	Old Coal Level	1901	1:10560
A	34m N	Old Coal Pit	1877	1:10560
DA	41m NE	Unspecified Old Level	1903	1:10560
DC	43m NE	Unspecified Disused Level	1977	1:10000
W	44m S	Old Coal Level	1903	1:10560
CT	50m NW	Old Coal Level	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DA	52m NE	Old Coal Level	1877	1:10560
W	64m S	Old Coal Level	1903	1:10560
DI	78m N	Disused Old Coal Pit	1877	1:10560
DI	78m N	Old Coal Pit	1901	1:10560
DI	79m N	Unspecified Old Shaft	1903	1:10560
DK	86m SE	Unspecified Old Shafts	1903	1:10560
DI	88m N	Old Coal Shaft	1948	1:10560
AJ	91m S	Unspecified Drift	1876	1:10560
AJ	92m S	Old Trial Drift	1948	1:10560
AJ	95m S	Unspecified Drift	1877	1:10560
AG	109m N	Old Coal Pit	1901	1:10560
DN	109m NW	Unspecified Old Levels	1903	1:10560
DN	109m NW	Old Ironstone Levels	1948	1:10560
AG	110m N	Old Coal Shafts	1948	1:10560
AG	110m N	Unspecified Old Shafts	1903	1:10560
DN	113m NW	Old Ironstone Level	1877	1:10560
DQ	116m NW	Unspecified Drifts	1948	1:10560
AG	129m N	Old Coal Shafts	1948	1:10560
AJ	135m S	Air Shaft	1877	1:10560
DU	135m SW	Old Coal Pit	1948	1:10560
DU	135m SW	Old Coal Pit	1903	1:10560
DU	137m SW	Old Coal Pit	1901	1:10560
DD	139m S	Air Shaft	1876	1:10560
DD	142m S	Air Shaft	1877	1:10560
AJ	144m S	Air Shaft	1876	1:10560
AG	154m N	Old Coal Shafts	1948	1:10560
DT	161m S	Old Coal Level	1903	1:10560
DT	171m S	Old Coal Level	1900	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
DT	172m S	Old Coal Level	1903	1:10560
DZ	174m NW	Unspecified Old Levels	1903	1:10560
DZ	174m NW	Old Ironstone Levels	1948	1:10560
DZ	178m NW	Old Ironstone Level	1877	1:10560
DU	182m SE	Old Coal Level	1903	1:10560
DU	185m SW	Old Coal Level	1948	1:10560
DV	196m NW	Colliery	1903	1:10560
DV	201m NW	Unspecified Drifts	1948	1:10560
EH	222m NW	Old Ironstone Levels	1948	1:10560
EH	224m NW	Old Ironstone Level	1877	1:10560
EI	275m NW	Old Ironstone Level	1948	1:10560
EF	277m S	Old Coal Drift	1948	1:10560
EI	283m NW	Unspecified Old Level	1903	1:10560
EM	288m NE	Old Ironstone Level	1948	1:10560
EF	297m SE	Old Coal Drift	1901	1:10560
EF	301m S	Air Shaft	1876	1:10560
EF	304m S	Air Shaft	1877	1:10560
EM	323m NE	Old Ironstone Level	1877	1:10560
EF	326m S	Old Coal Drift	1903	1:10560
EW	329m N	Unspecified Melin	1948	1:10560
EW	329m N	Unspecified Melin	1903	1:10560
EW	329m N	Unspecified Melin	1877	1:10560
EO	345m NW	Colliery	1877	1:10560
EZ	346m S	Air Shaft	1876	1:10560
EZ	348m S	Air Shaft	1877	1:10560
EM	353m NE	Unspecified Disused Level	1987	1:10000
FA	361m S	Old Coal Level	1901	1:10560
EM	385m NE	Unspecified Old Level	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
ET	403m S	Old Coal Level	1948	1:10560
ET	406m S	Old Coal Level	1903	1:10560
FI	423m SE	Old Coal Level	1948	1:10560
FL	467m W	Disused Old Ironstone Level	1877	1:10560
FP	472m S	Old Coal Level	1948	1:10560
FL	486m W	Disused Old Ironstone Level	1901	1:10560
FL	487m W	Unspecified Old Level	1903	1:10560
FS	491m S	Old Coal Level	1948	1:10560
FS	493m S	Old Coal Level	1900	1:10560
FS	494m S	Old Coal Level	1903	1:10560
FU	504m S	Old Coal Level	1948	1:10560
FJ	505m NW	Air Shaft	1948	1:10560
FS	524m S	Old Coal Level	1903	1:10560
FW	529m S	Old Coal Pit	1901	1:10560
FW	529m S	Old Coal Pit	1948	1:10560
FW	529m S	Old Coal Pit	1903	1:10560
FW	534m S	Coal Pit	1876	1:10560
FW	536m S	Coal Pit	1877	1:10560
EU	545m W	Disused Old Ironstone Level	1877	1:10560
FY	548m NW	Old Coal Shaft	1948	1:10560
FY	550m NW	Unspecified Old Shaft	1903	1:10560
FY	552m NW	Old Coal Shaft	1877	1:10560
GB	554m W	Unspecified Disused Shaft	1965	1:10000
GA	554m NW	Old Coal Level	1948	1:10560
GA	554m NW	Unspecified Old Level	1903	1:10560
GA	557m NW	Old Coal Level	1877	1:10560
GB	559m W	Unspecified Old Shaft	1903	1:10560
GB	559m W	Old Ironstone Shaft	1948	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
FV	581m NW	Air Shaft	1877	1:10560
GG	617m S	Old Coal Pit	1901	1:10560
GG	617m S	Old Coal Pit	1948	1:10560
GG	617m S	Old Coal Pit	1903	1:10560
FY	627m NW	Unspecified Disused Level	1987	1:10000
FY	661m NW	Unspecified Disused Level	1965	1:10000
FY	671m NW	Unspecified Old Level	1903	1:10560
FY	675m NW	Old Coal Level	1948	1:10560
GP	705m W	Old Ironstone Level	1877	1:10560
GT	727m W	Unspecified Old Level	1903	1:10560
GT	727m W	Old Ironstone Levels	1948	1:10560
GT	727m W	Old Ironstone Level	1877	1:10560
GT	730m W	Old Ironstone Level	1901	1:10560
GP	773m W	Unspecified Level	1877	1:10560
GP	775m W	Old Ironstone Level	1877	1:10560
GV	779m W	Old Ironstone Levels	1948	1:10560
GM	786m W	Disused Ironstone Level	1877	1:10560
GW	789m SE	Colliery	1948	1:10560
GX	792m NW	Old Coal Shaft	1948	1:10560
GX	792m NW	Unspecified Shaft	1903	1:10560
GP	795m W	Old Ironstone Level	1877	1:10560
GZ	801m S	Colliery	1948	1:10560
GZ	805m S	Colliery	1901	1:10560
GV	807m W	Air Shaft	1948	1:10560
GV	807m W	Air Shaft	1903	1:10560
GV	807m W	Air Shaft	1877	1:10560
GZ	811m S	Unspecified Mine	1988	1:10000
GZ	811m S	Unspecified Mine	1964	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
GY	813m NW	Unspecified Disused Level	1987	1:10000
GM	815m W	Disused Ironstone Level	1901	1:10560
GM	870m W	Unspecified Old Level	1903	1:10560
GW	872m SE	Unspecified Mine	1964	1:10560
GW	872m SE	Unspecified Mine	1980	1:10560
HD	886m W	Old Coal Level	1877	1:10560
HH	900m W	Unspecified Old Shaft	1903	1:10560
HH	900m W	Old Ironstone Level	1948	1:10560
HH	900m W	Old Ironstone Level	1877	1:10560
HC	907m S	Air Shaft	1903	1:10560
HC	922m S	Air Shaft	1903	1:10560
HH	922m W	Unspecified Disused Level	1987	1:10000
HC	923m S	Air Shaft	1900	1:10560
HG	930m NW	Old Coal Level	1948	1:10560
HG	930m NW	Unspecified Old Level	1903	1:10560
EU	945m W	Disused Old Ironstone Level	1901	1:10560
EU	946m W	Unspecified Old Level	1903	1:10560
HM	946m W	Disused Ironstone Level	1877	1:10560
HN	948m NW	Old Coal Levels	1948	1:10560
HN	954m NW	Unspecified Old Levels	1903	1:10560
HM	956m W	Old Ironstone Level	1948	1:10560
HC	961m S	Air Shaft	1903	1:10560
HC	974m S	Unspecified Level	1876	1:10560
GW	977m SE	Disused Colliery	1900	1:10560
HD	980m W	Unspecified Old Shaft	1903	1:10560
GZ	981m S	Coal Pit	1877	1:10560
HD	984m W	Old Coal Pit	1877	1:10560
HN	986m NW	Unspecified Old Shaft	1903	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
HN	988m NW	Old Coal Shaft	1877	1:10560
HN	990m NW	Unspecified Disused Shaft	1987	1:10000
HK	999m NW	Unspecified Old Levels	1903	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

4

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 276**

ID	Location	Name	Commodity	Class	Likelihood
12	On site	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
S	On site	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
47	225m S	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered



ID	Location	Name	Commodity	Class	Likelihood
FX	535m N	Not available	Vein Mineral	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0
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Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site	0
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Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	1
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Areas which could be affected by past, current or future coal mining.

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.



18.10 Brine areas

Records on site	0
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The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

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

18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

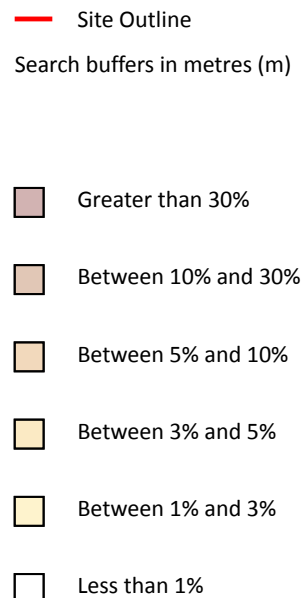
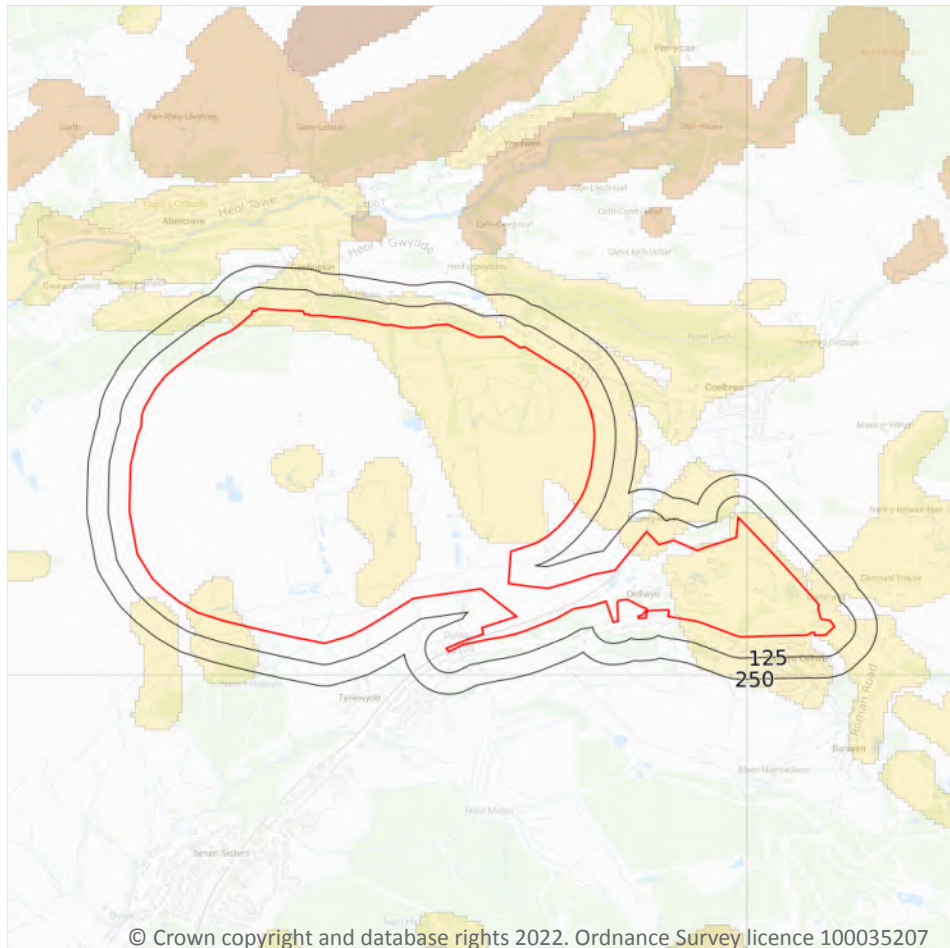
18.13 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

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

19 Radon



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19.1 Radon

Records on site

2

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

Features are displayed on the Radon map on **page 357**

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None
On site	Less than 1%	None**



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



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

142

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
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On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
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On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
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On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
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On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	2.2 - 3.0 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
5m E	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
6m E	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
9m E	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m S	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m E	45 - 60 mg/kg	No data	100 mg/kg	60 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
12m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
12m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NE	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m NE	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m SE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
14m NE	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m NE	25 - 35 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m N	35 - 45 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

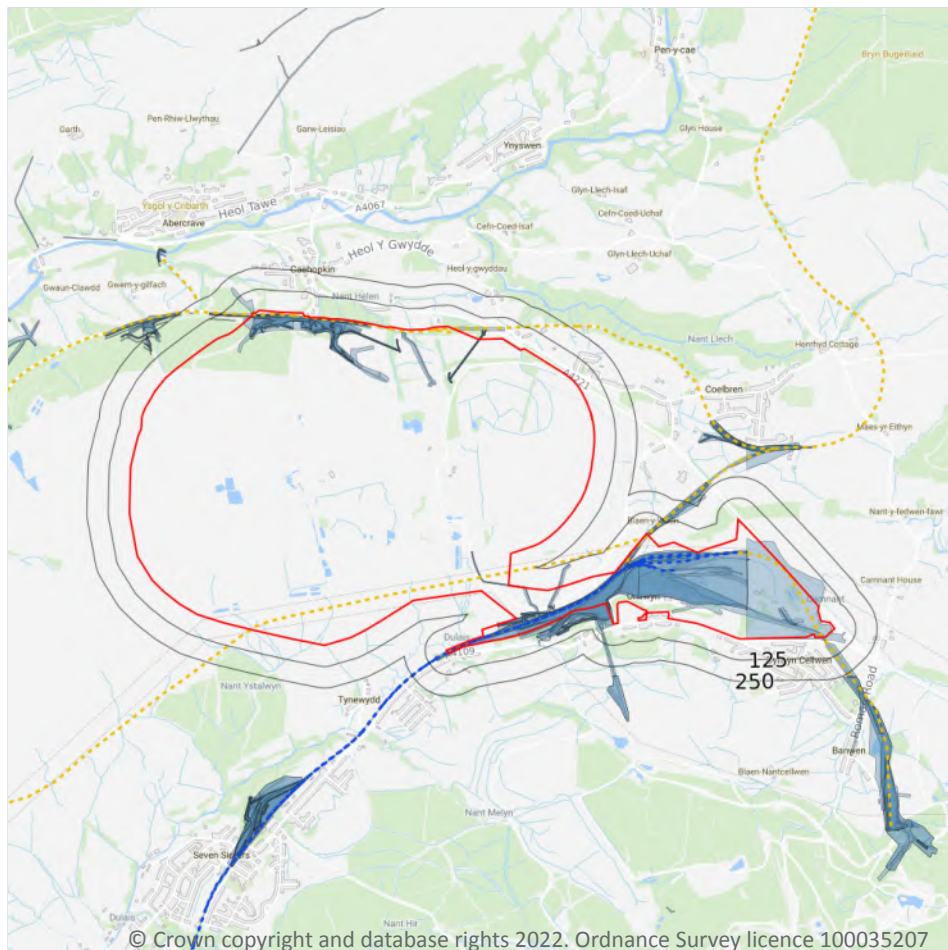
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The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



- Site Outline**
- Search buffers in metres (m)
-  Crossrail 1 Stations
 -  Crossrail 1 Route
 -  Crossrail 1 Worksites
 -  Crossrail 2 Stations
 -  Crossrail 2 Route
 -  Crossrail 2 Worksites
 -  Crossrail 2 Safeguarding
 -  Crossrail 2 Headhouses
 -  Railway stations
 -  Active railways
 -  Active tunnels
 -  Abandoned railways
 -  Historic railways
 -  Historic tunnels
 -  Underground stations
 -  Underground Lines
 -  Royal Mail tunnels
 -  HS2 optimised route
 -  HS2 Stations
 -  HS2 Depots
 -  HS2 Surface Safeguarding
 -  HS2 Subsurface Safeguarding

21.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

54

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

Features are displayed on the Railway infrastructure and projects map on **page 368**

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1996	2500
On site	Railway Sidings	1962	2500
On site	Railway Sidings	1961	2500
On site	Railway Sidings	1877	2500
On site	Railway Sidings	1989	2500
On site	Railway Sidings		-
On site	Tramway Sidings	1919	2500
On site	Tramway Sidings	1904	2500
On site	Colliery Railway Sidings	1877	2500
On site	Mineral Railway Sidings	1978	-
On site	Railway Sidings	1978	-
On site	Mineral Railway Sidings	1962	2500
On site	Mineral Railway Sidings	1997	2500
On site	Mineral Railway Sidings		-
On site	Mineral Railway Sidings	1986	2500
On site	Mineral Railway Sidings	1984	2500
On site	Mineral Railway Sidings	1989	2500



Location	Land Use	Year of mapping	Mapping scale
On site	Old Tramway Sidings	1905	2500
On site	Railway Sidings	1905	2500
On site	Railway Sidings	1919	2500
On site	Railway Sidings	1904	2500
On site	Railway Sidings	1918	2500
On site	Mineral Railway Sidings	1987	10000
On site	Railway Sidings	1948	10560
On site	Railway Sidings	1903	10560
On site	Railway Sidings	1877	10560
On site	Railway Sidings	1876	10560
On site	Railway Sidings	1901	10560
On site	Railway Sidings	1962	10560
On site	Railway Sidings	1977	10000
On site	Railway Sidings	1965	10560
On site	Railway Sidings	1921	10560
On site	Railway Sidings	1914	10560
On site	Tramway Sidings	1903	10560
On site	Tramway Sidings	1921	10560
On site	Tramway Sidings	1914	10560
4m NE	Railway Sidings	1921	10560
6m S	Mineral Railway Sidings	1989	2500
12m NE	Mineral Railway Sidings	1962	2500
12m NE	Railway Sidings	1919	2500
15m NE	Railway Sidings	1948	10560
15m NE	Railway Sidings	1921	10560
42m NW	Railway Sidings	1919	2500
67m NW	Railway Sidings	1904	2500
136m N	Railway Sidings	1965	10560



Location	Land Use	Year of mapping	Mapping scale
159m NW	Railway Sidings	1919	2500
170m NW	Railway Sidings	1921	10560
173m NW	Railway Sidings	1914	10560
177m NW	Railway Sidings	1921	10560
203m NW	Mineral Railway Sidings	1962	2500
203m NW	Railway Sidings	1903	10560
210m NW	Railway Sidings	1904	2500
230m NE	Railway Sidings	1962	2500
242m NW	Railway Sidings	1948	10560

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

11

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

Features are displayed on the Railway infrastructure and projects map on **page 368**

Location	Description
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned



Location	Description
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
64m N	Abandoned
240m NW	Abandoned

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

18

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 368**

Location	Name	Type
On site		rail
On site		rail
On site		rail
On site		rail
On site		rail
On site	Neath and Brecon Line	rail
On site		rail
On site		rail
On site	Neath and Brecon Line	rail
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track



Location	Name	Type
On site	Not given	Single Track
On site	Not given	Single Track
85m SW	Not given	Single Track
178m SW	Not given	Single Track

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

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

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

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

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

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

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

This data is sourced from HS2 Ltd.

Data providers

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

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Appendix E. Historic Mapping



The map displays the Ynysuafon catchment area, divided into six sub-catchments labeled 1_1, 1_2, 2_1, 2_2, 3_1, and 3_2. The map shows a network of rivers and streams, with a blue line indicating the main catchment boundary and red lines indicating sub-catchment boundaries. The map is overlaid with a grid. Various locations are labeled, including Cwm Farm, Garth, Glyn House, Ynysuafon, and others. The map is titled 'Ynysuafon' at the top.



Site Details:

GCRE

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Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: County Series

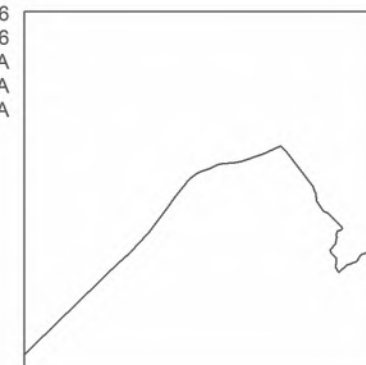
Map date: 1876

Scale: 1:10,560

Printed at: 1:10,560



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

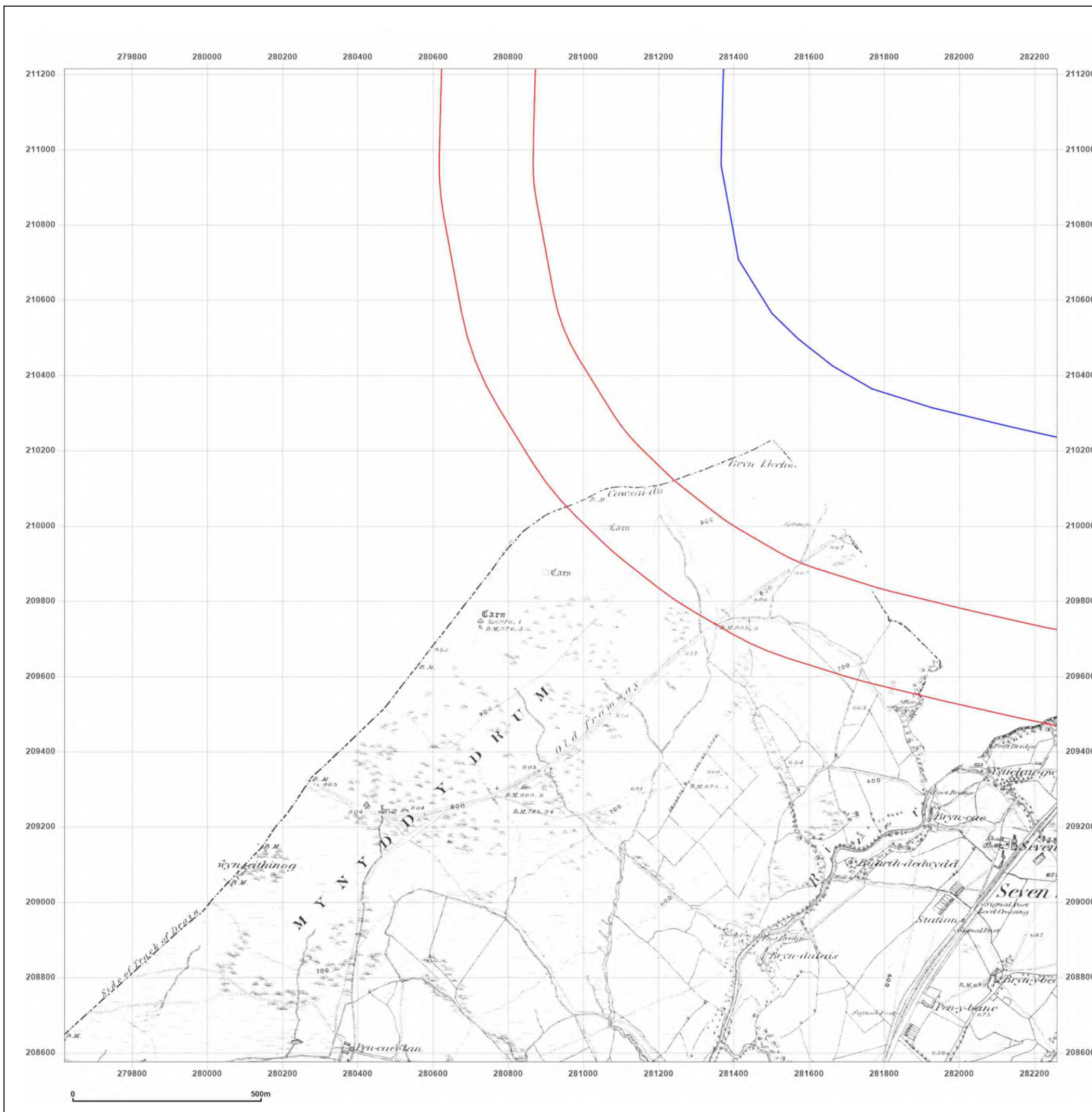


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Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1877

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Printed at: 1:10,560



Surveyed 1877
Revised 1877
Edition N/A
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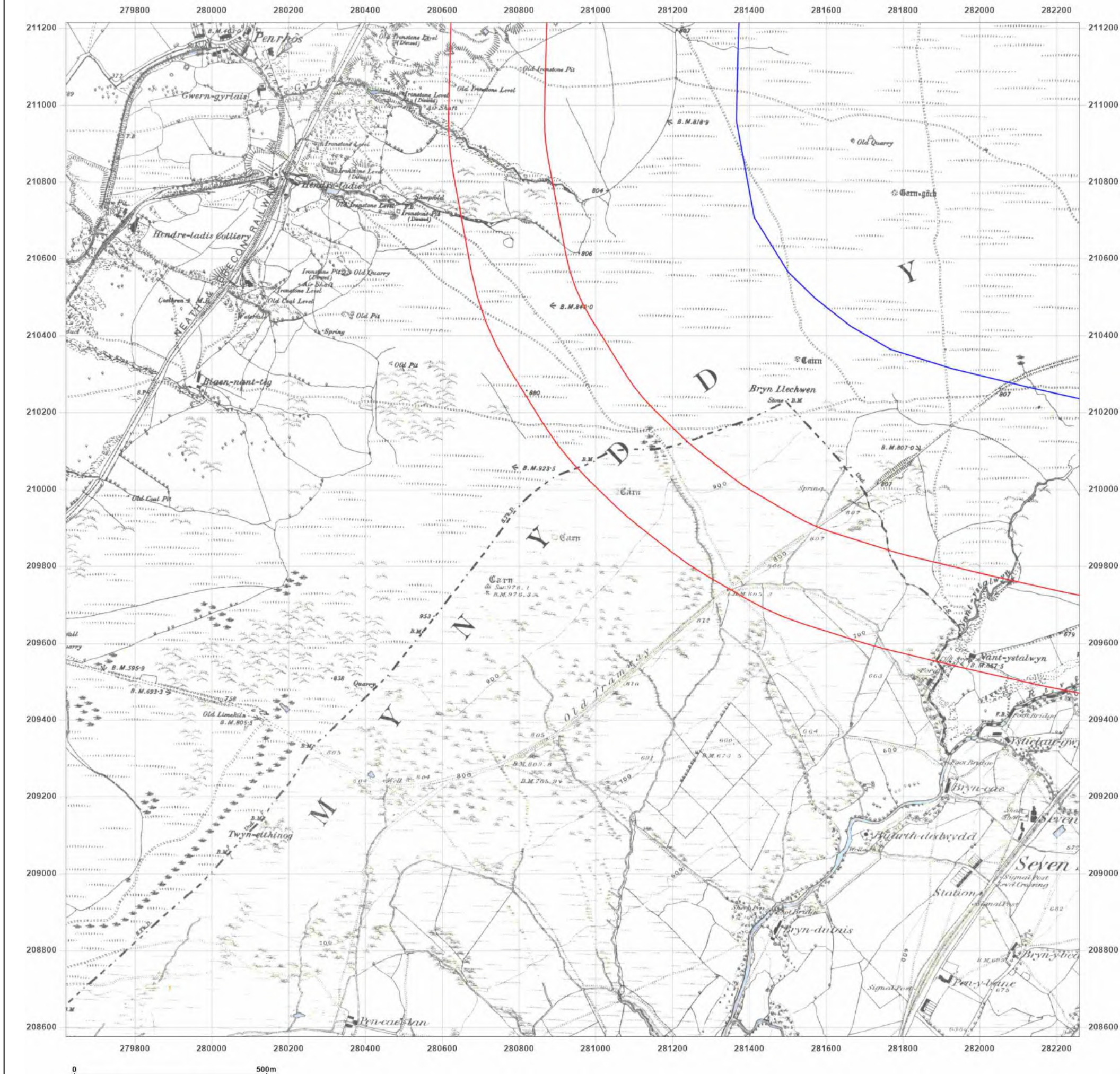


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Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1901

Scale: 1:10,560

Printed at: 1:10,560



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 Revised 1901
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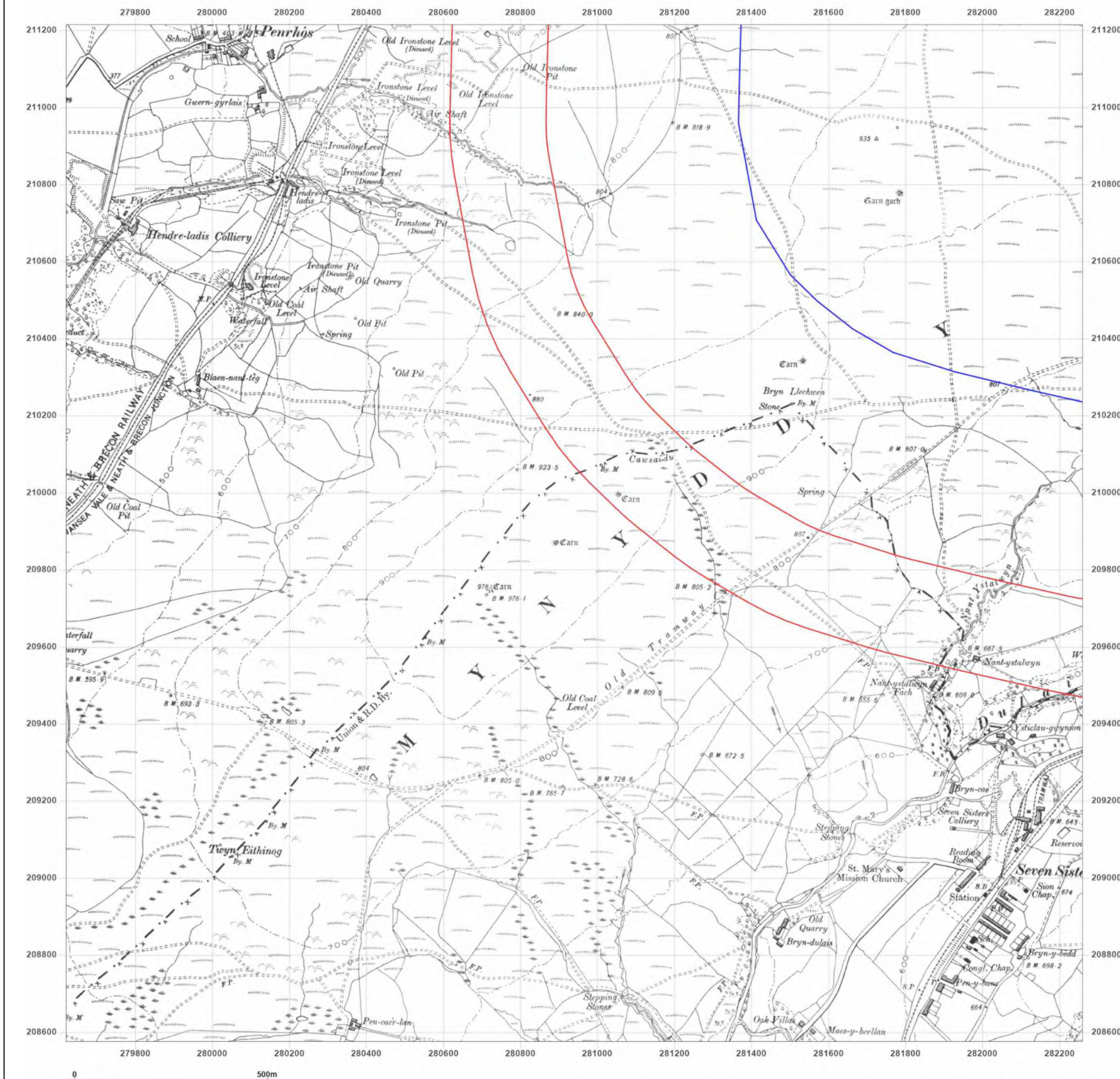


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Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1903

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1903
Edition N/A
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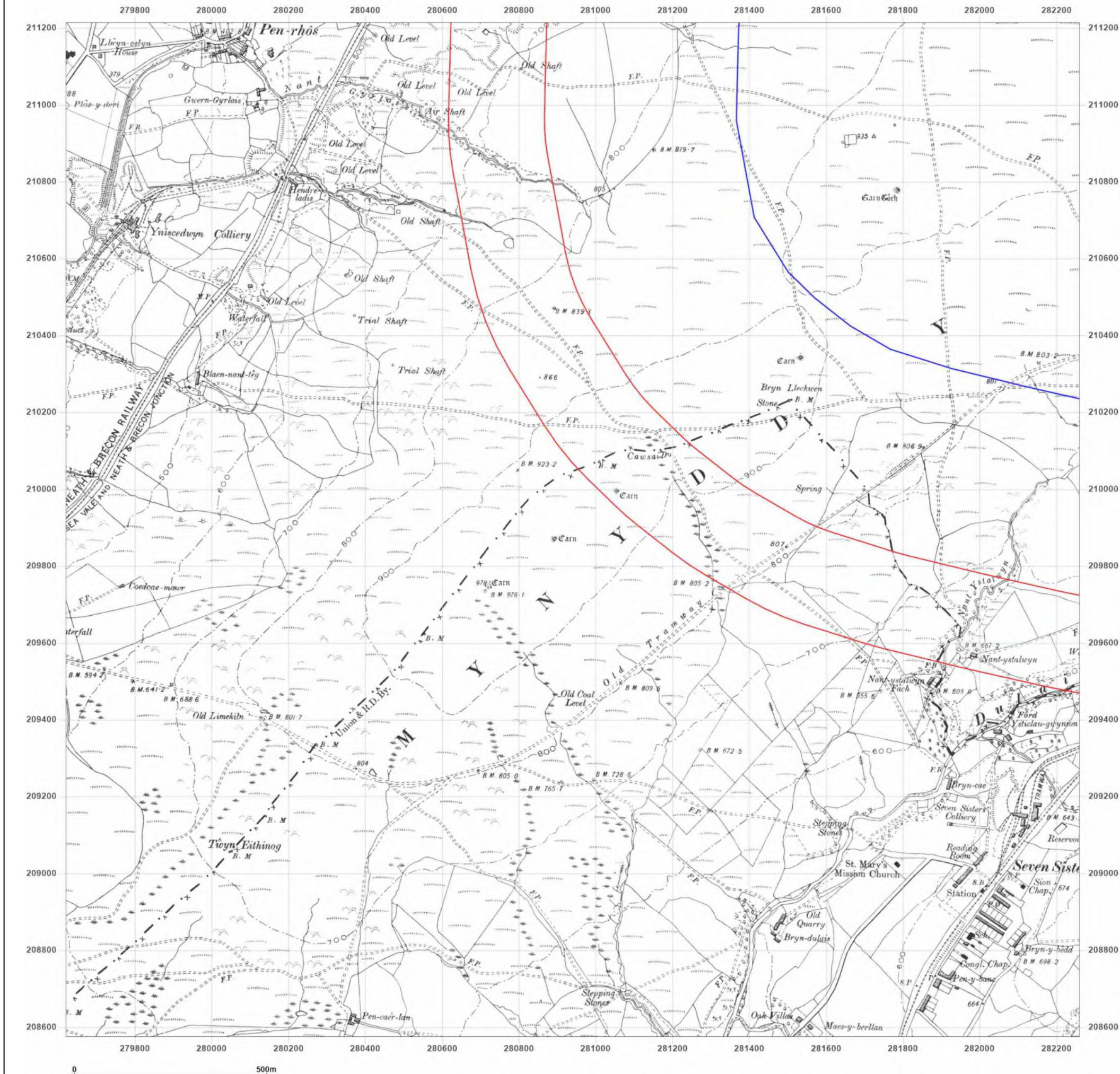


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Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1914

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1914
Edition N/A
Copyright N/A
Levelled N/A

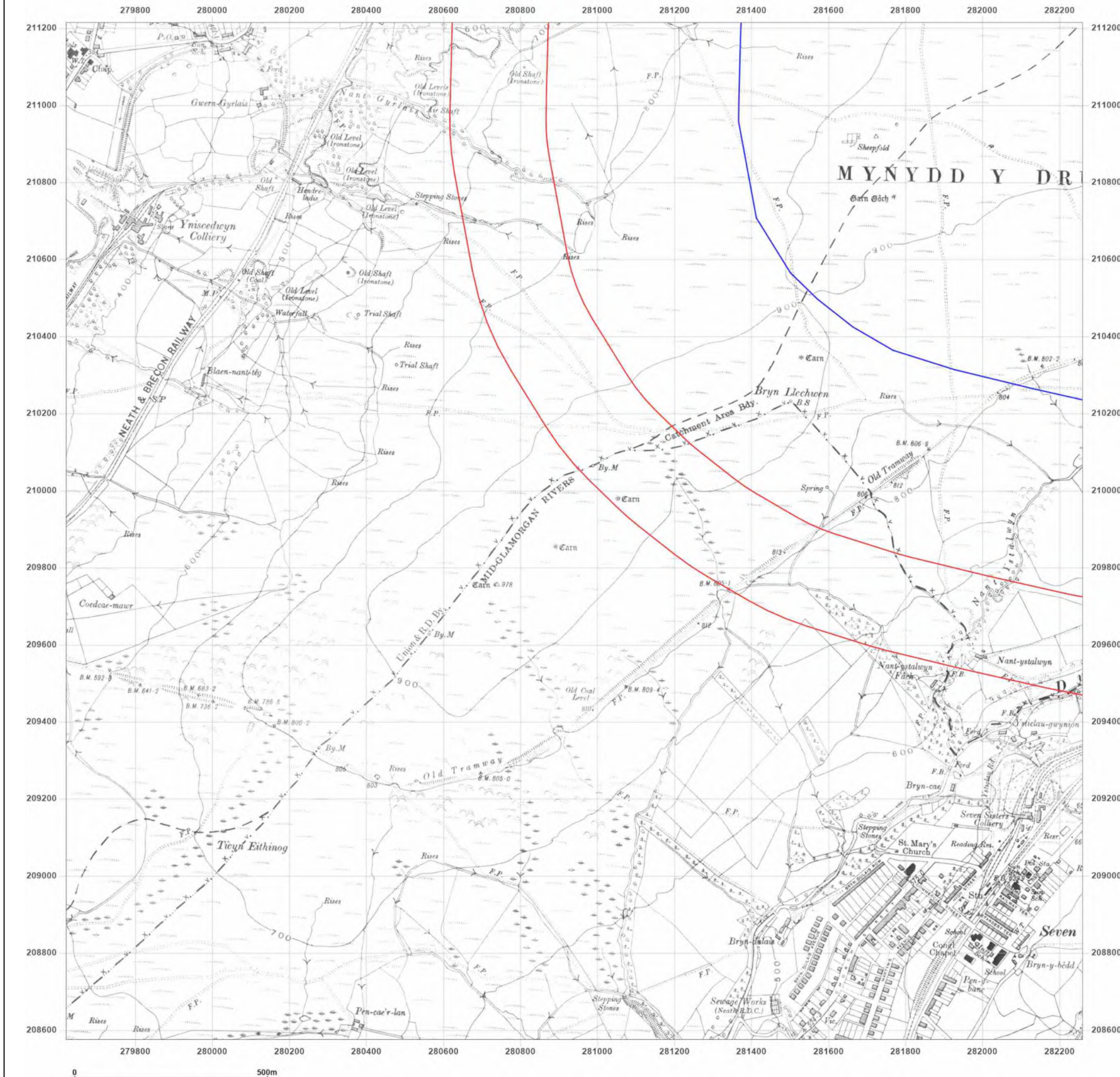


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Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1921

Scale: 1:10,560

Printed at: 1:10,560



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Grid Ref: 280939, 209894

Map Name: County Series

Map date: 1921

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1921
Revised N/A
Edition N/A
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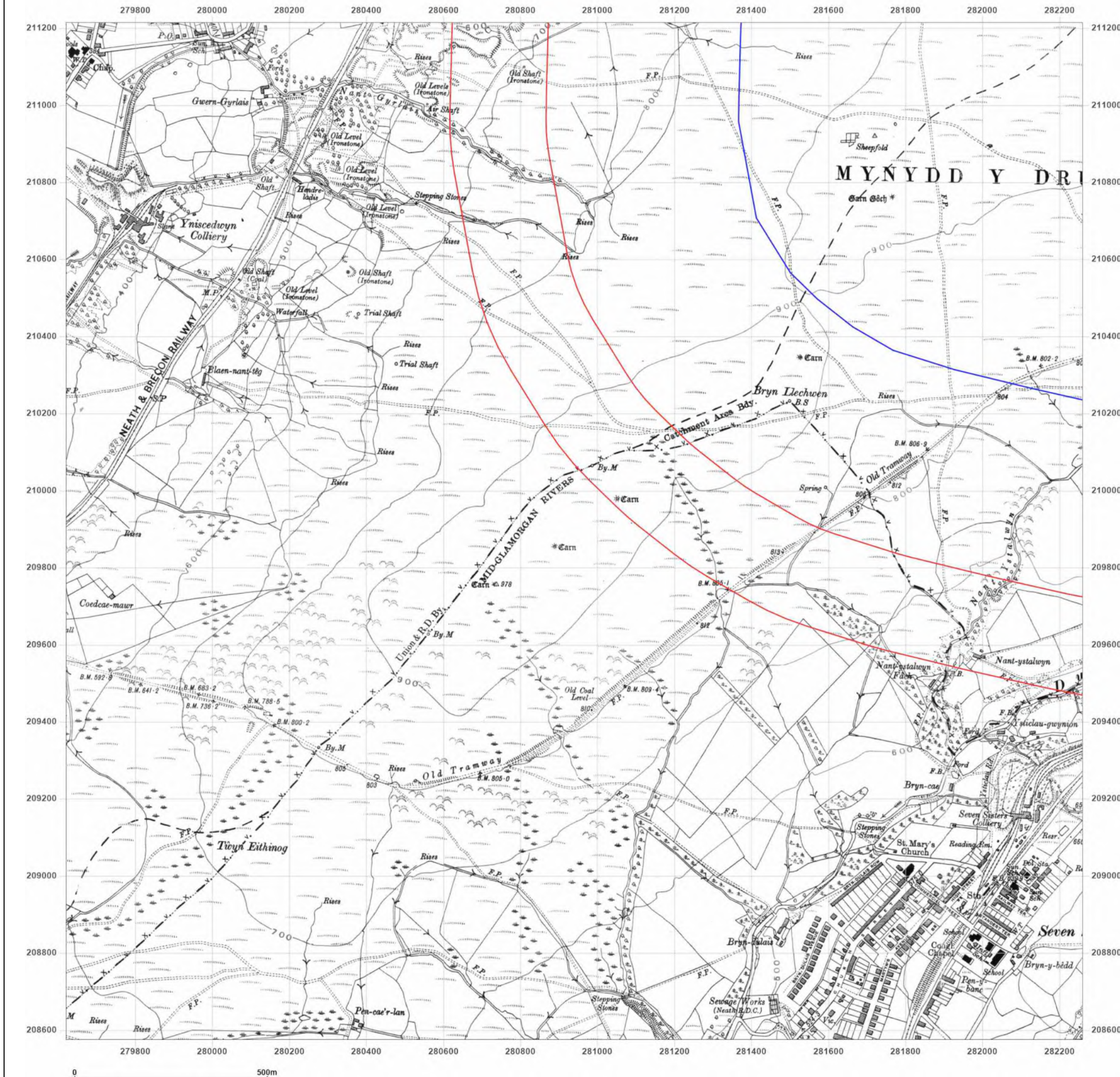


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Edition 1921
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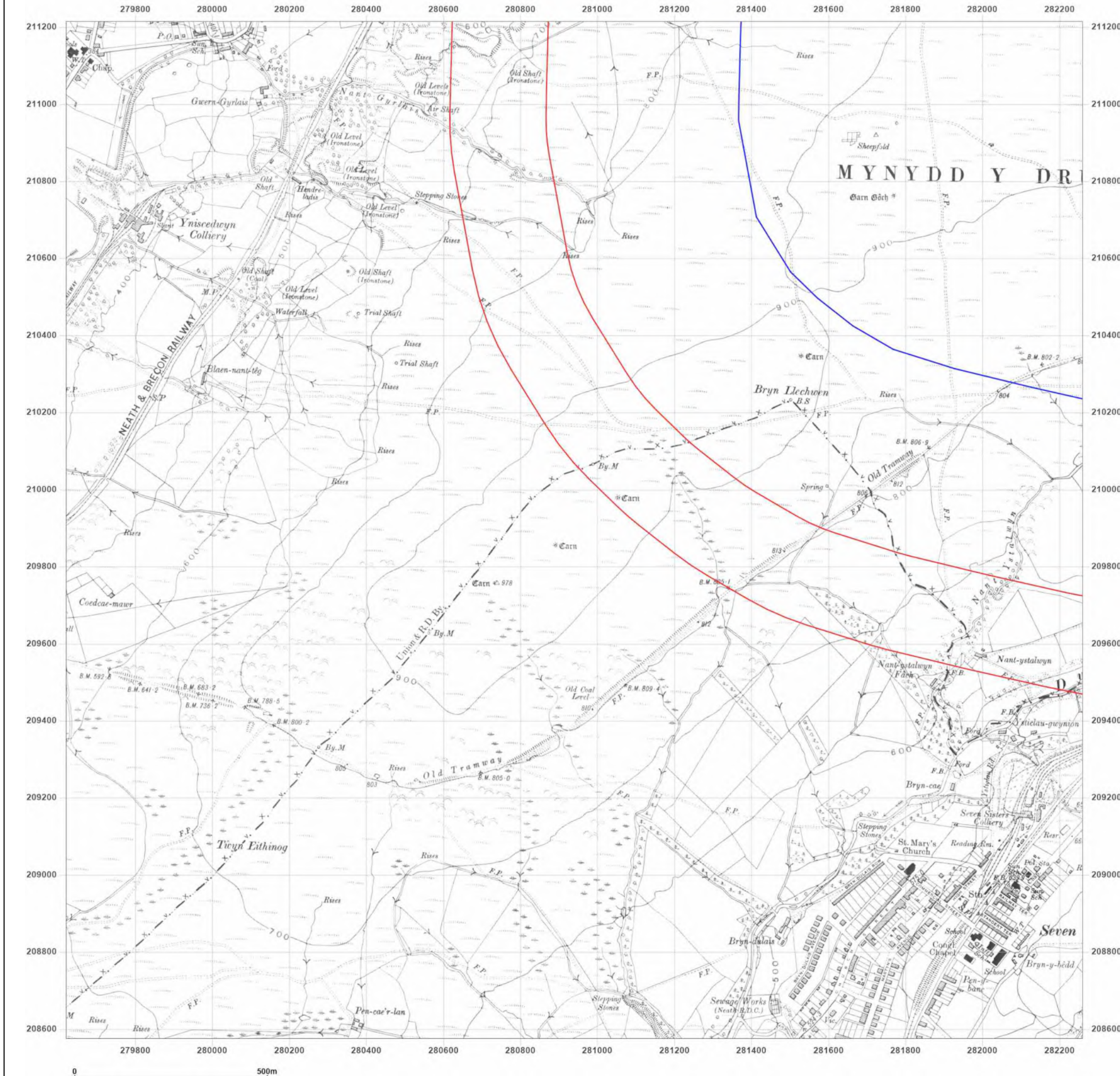


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Grid Ref: 280939, 209894

Map Name: County Series

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Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1876
Revised 1948
Edition N/A
Copyright N/A
Levelled N/A

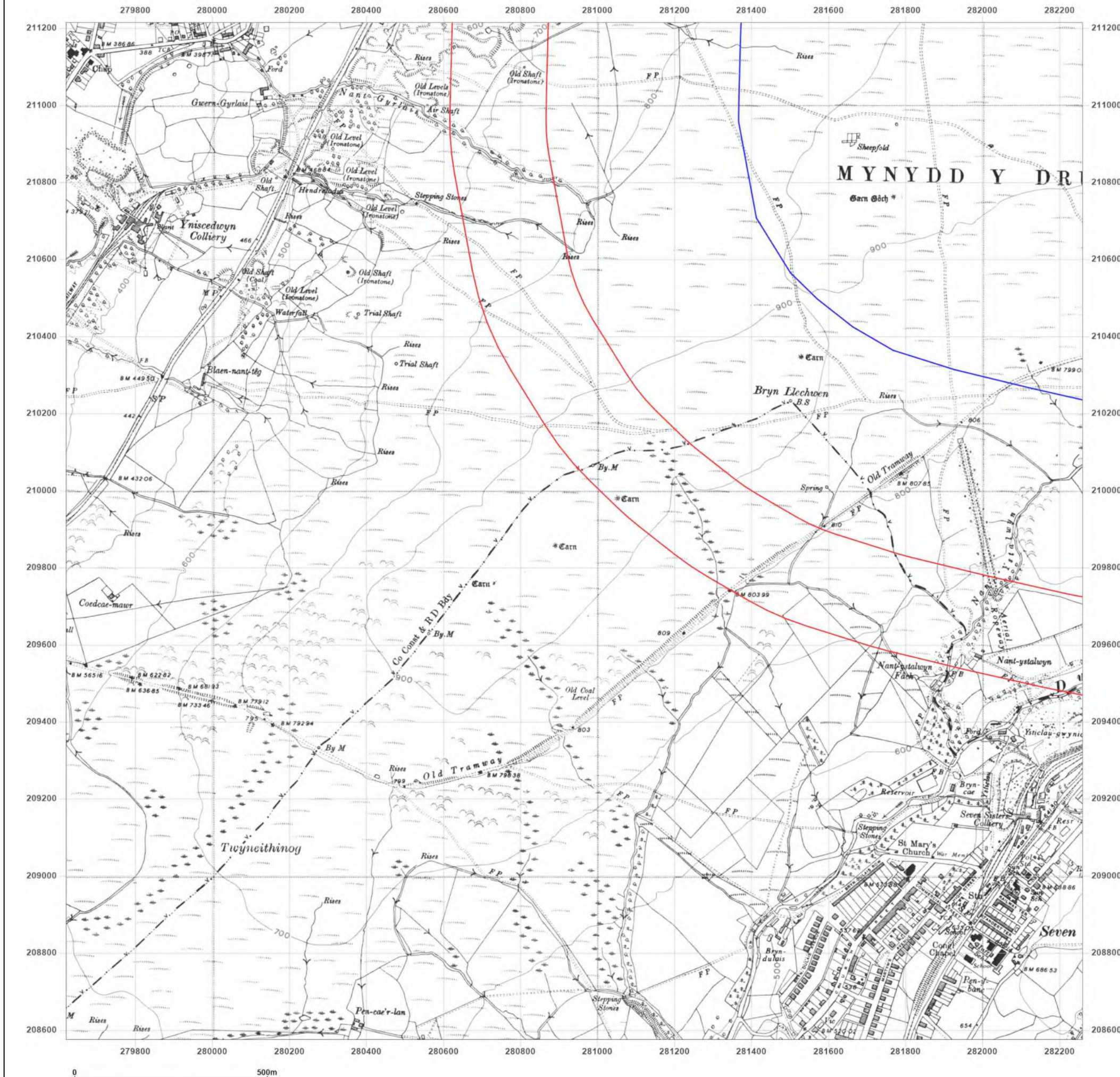


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Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: Provisional

Map date: 1964-1965

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1965
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Edition N/A
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Surveyed 1965
Revised 1965
Edition N/A
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Surveyed 1964
Revised 1964
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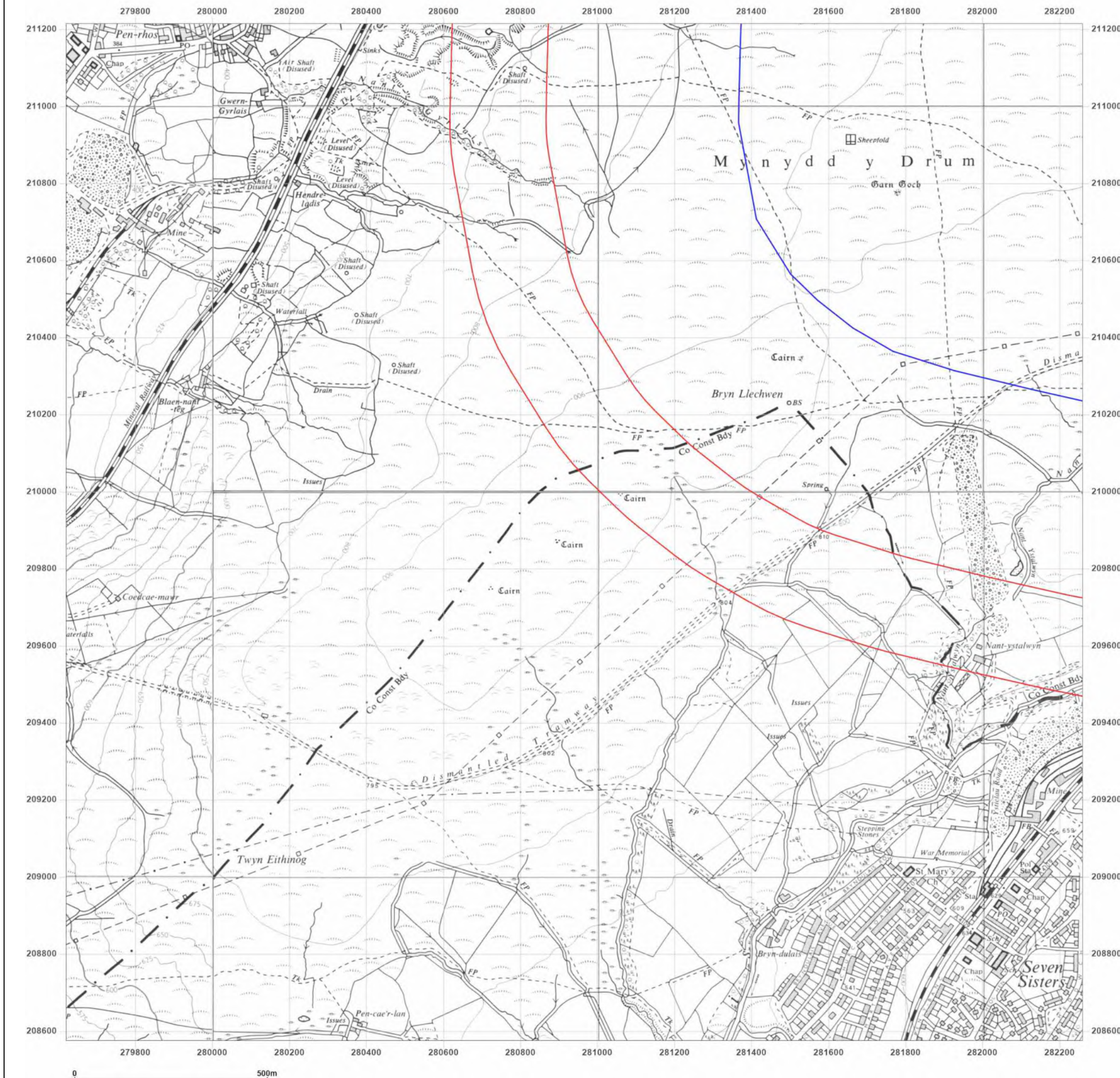


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Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: National Grid

Map date: 1983-1988

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1985
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Edition N/A
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Surveyed 1985
Revised 1987
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1975
Revised 1983
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Copyright N/A
Levelled N/A

Surveyed 1962
Revised 1988
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Copyright N/A
Levelled N/A

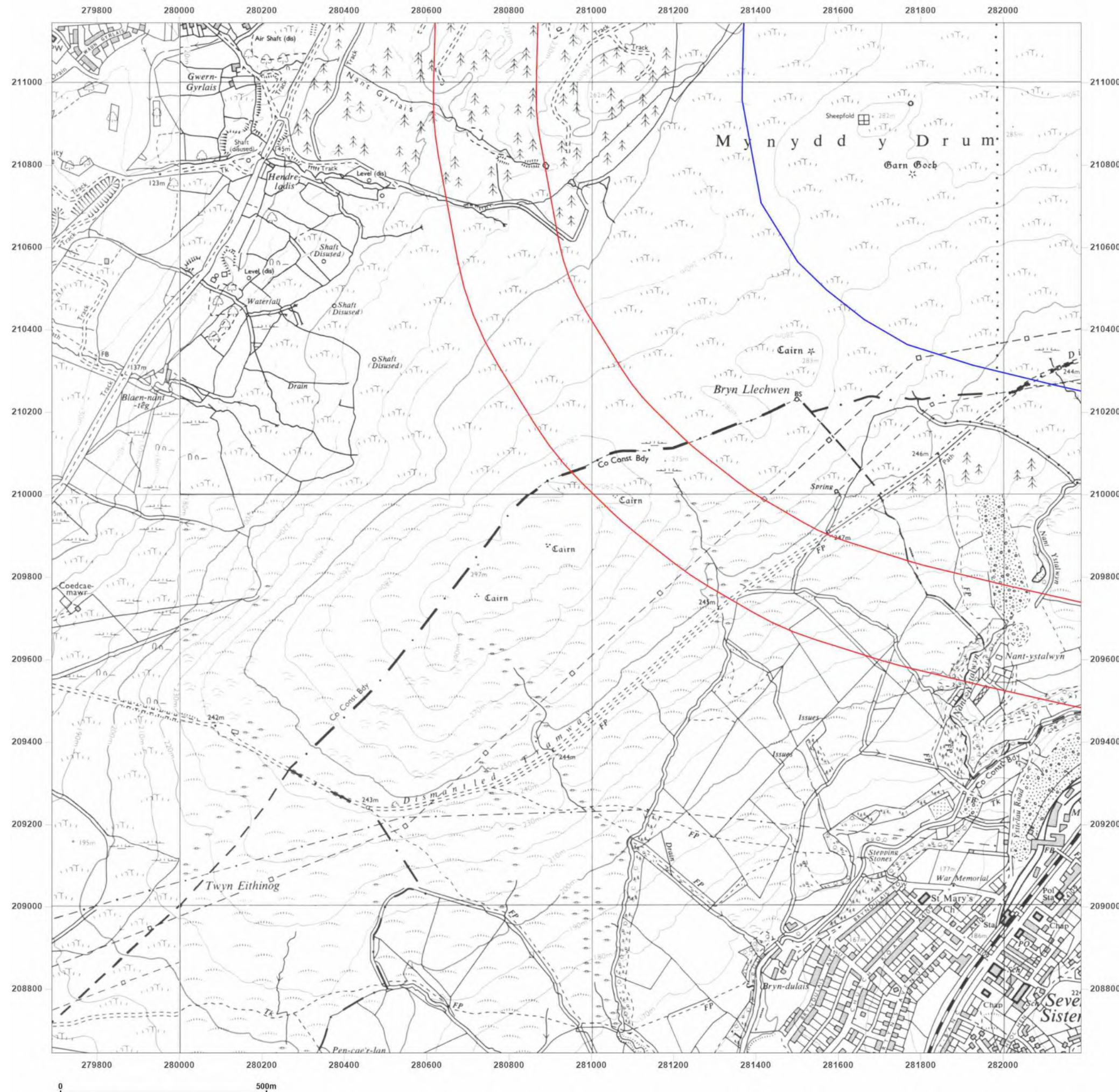


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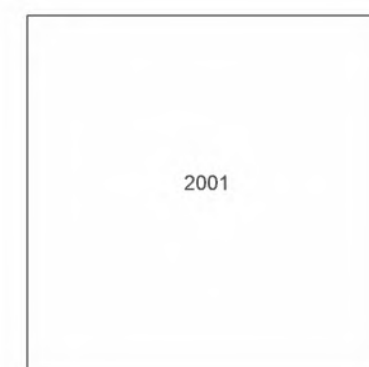
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Grid Ref: 280939, 209894

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

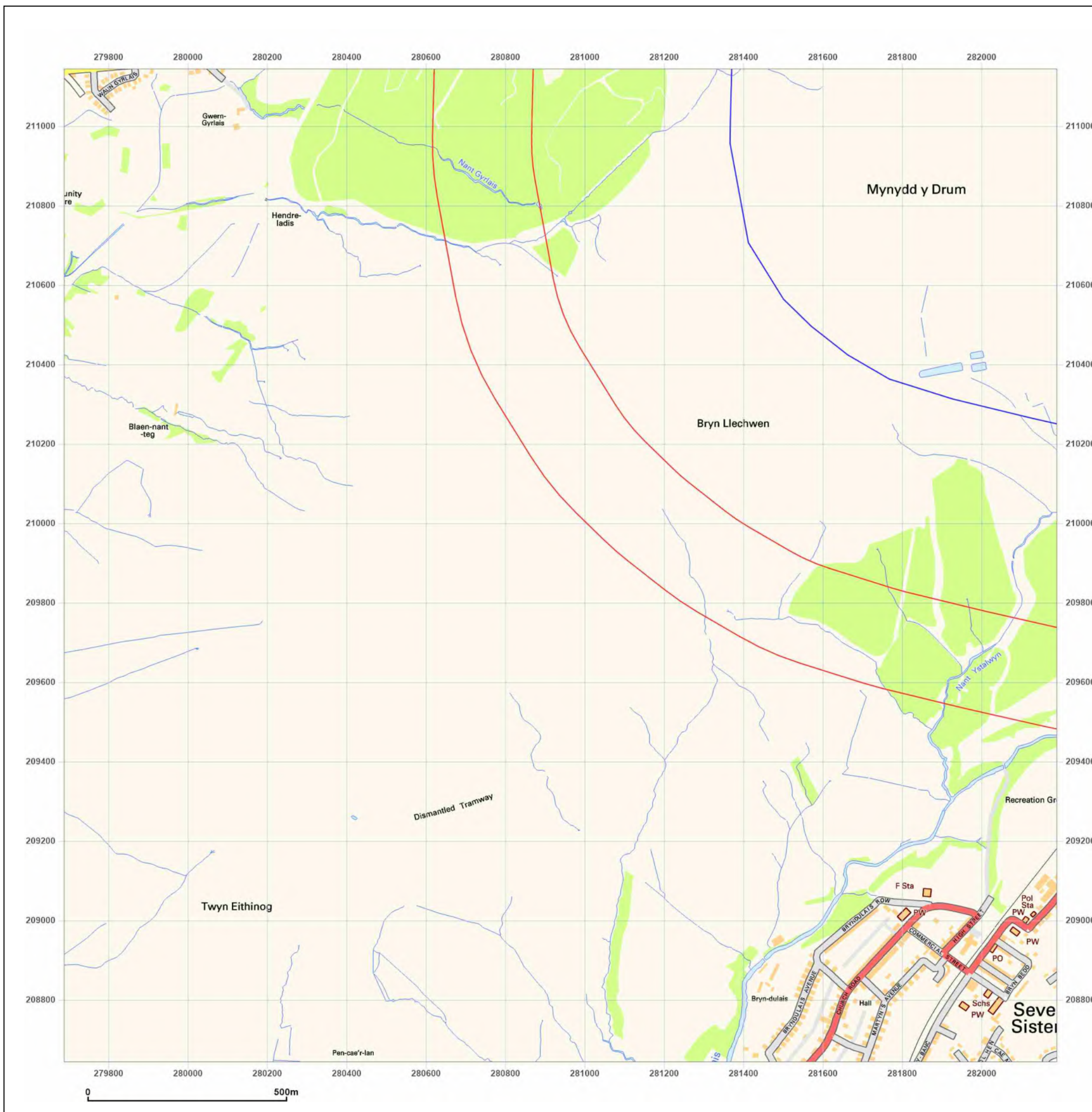


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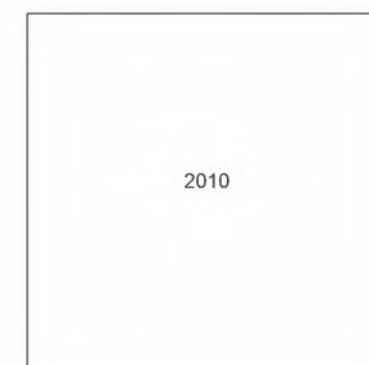
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Grid Ref: 280939, 209894

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

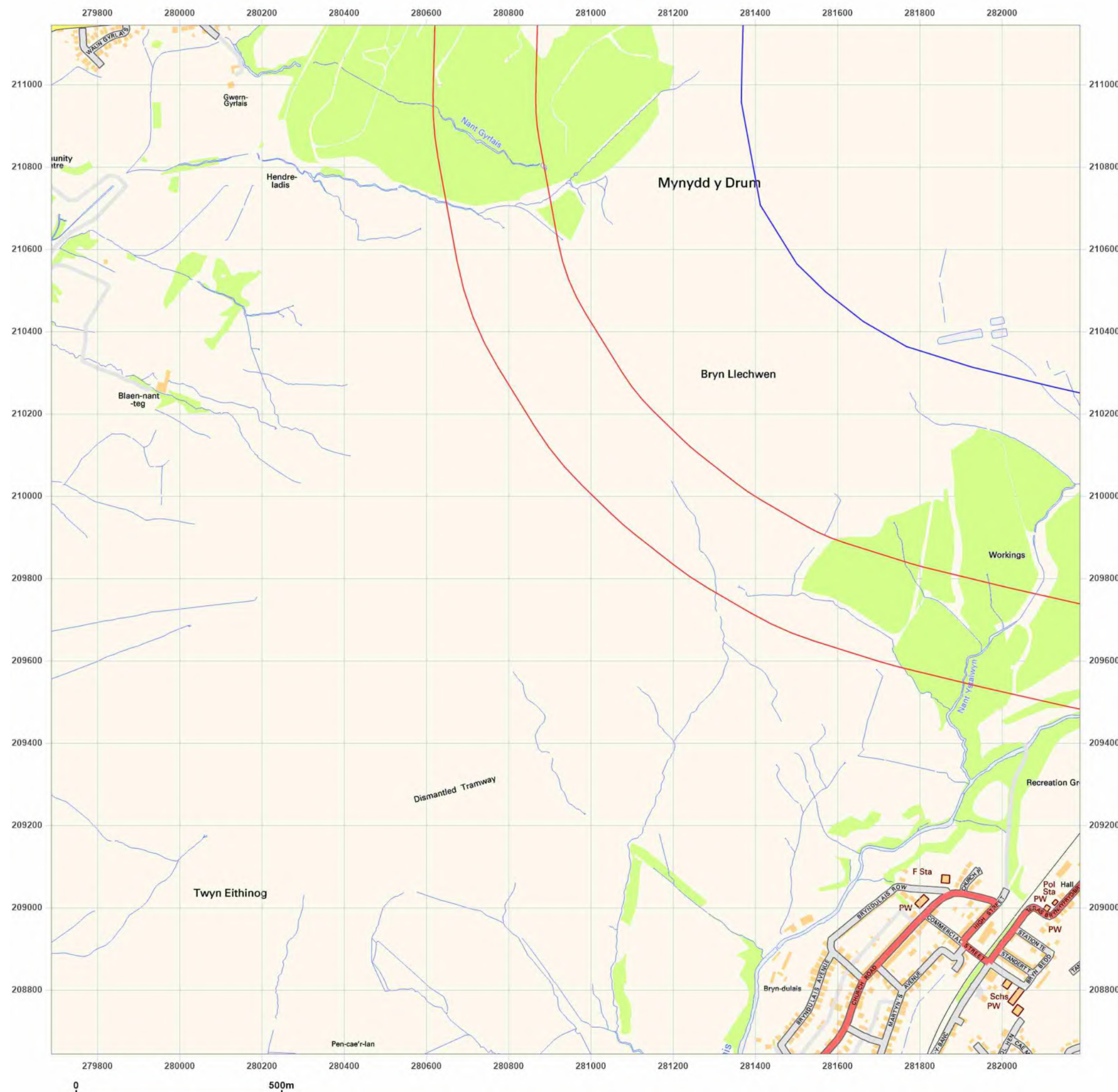


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GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_1
Grid Ref: 280939, 209894

Map Name: National Grid

Map date: 2022

Scale: 1:10,000

Printed at: 1:10,000



2022

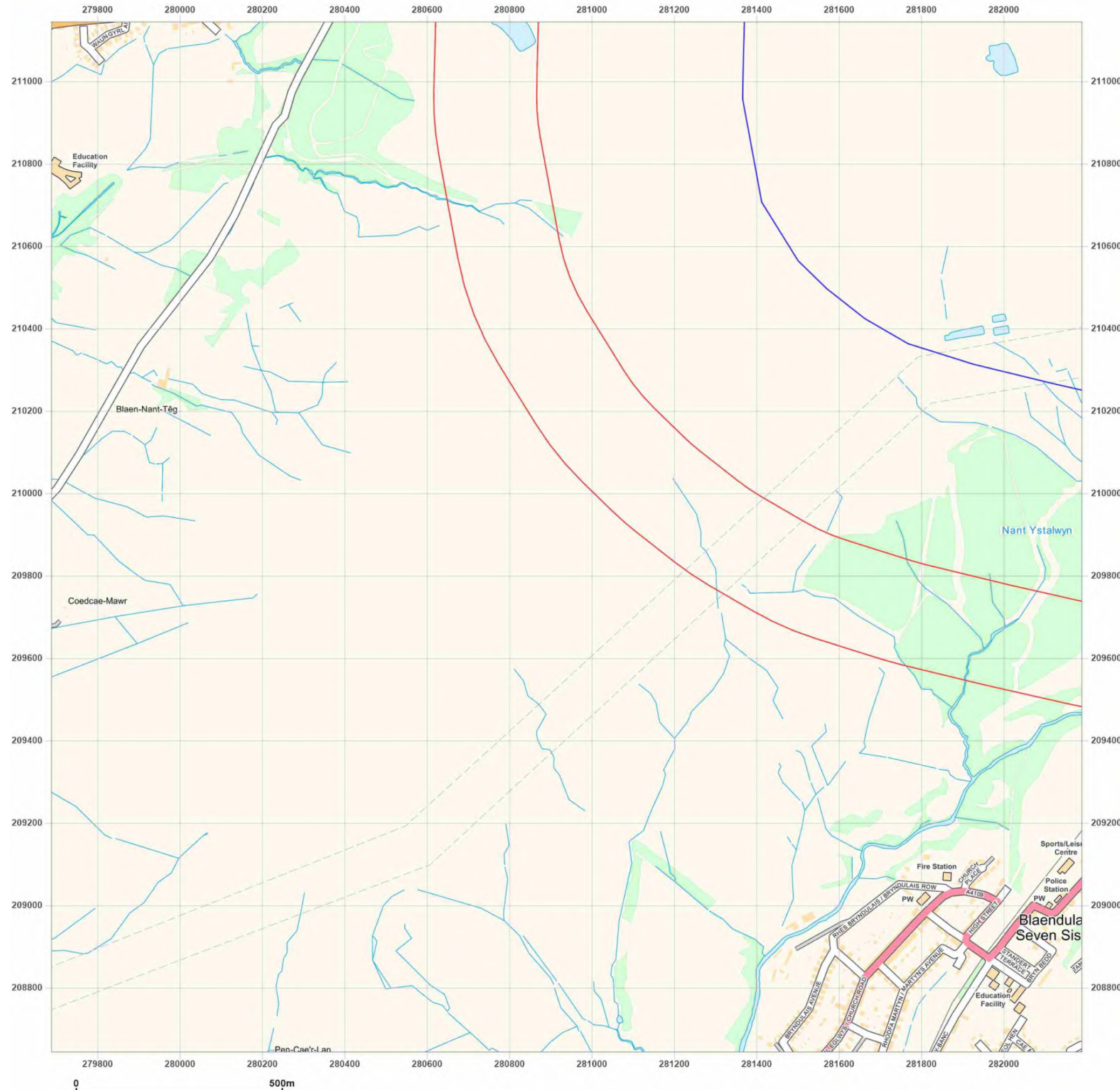


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: County Series

Map date: 1877

Scale: 1:10,560

Printed at: 1:10,560



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

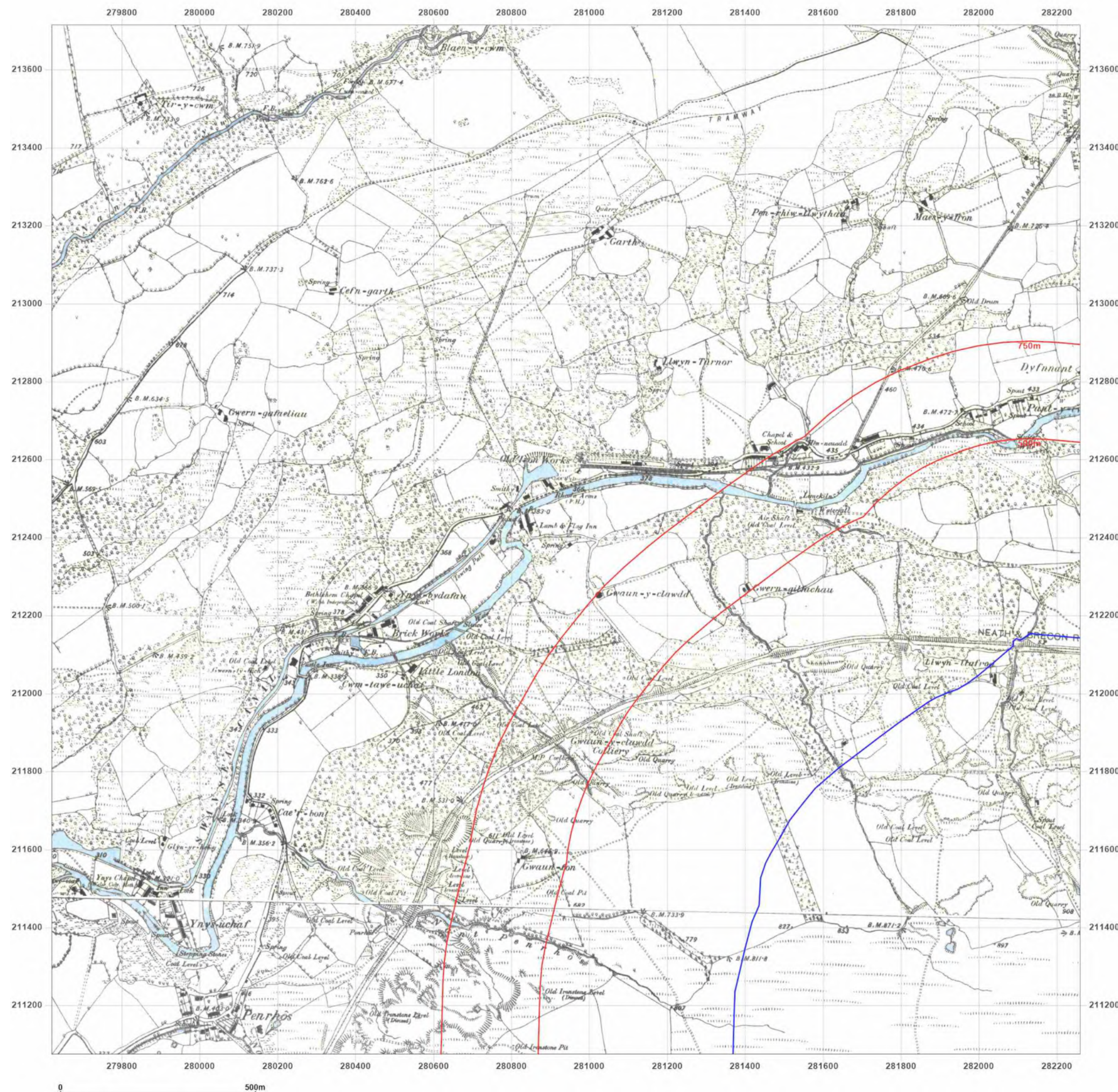


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: County Series

Map date: 1914

Scale: 1:10,560

Printed at: 1:10,560



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Edition N/A
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Revised 1914
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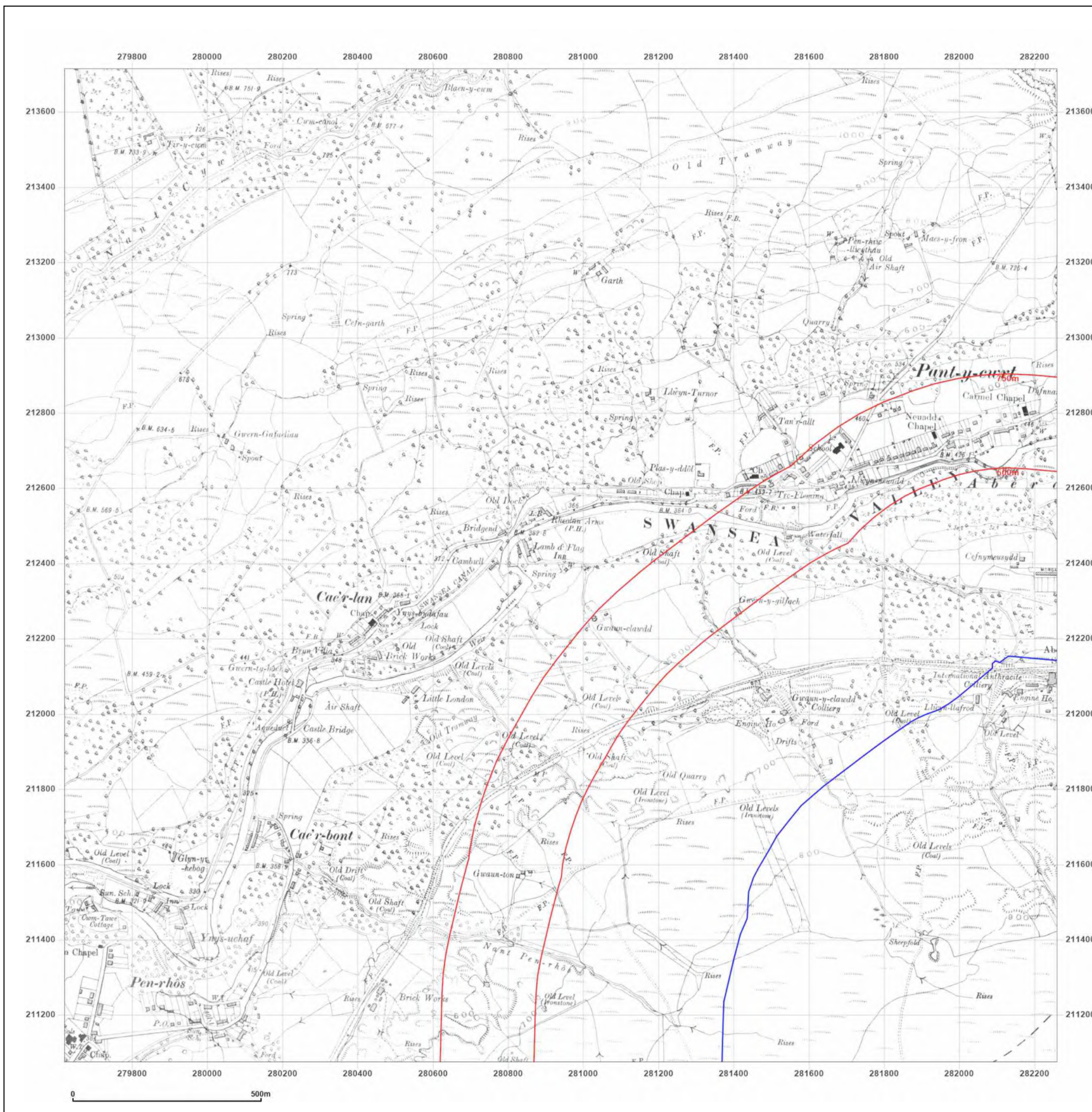


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: County Series

Map date: 1921

Scale: 1:10,560

Printed at: 1:10,560



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Revised N/A
Edition N/A
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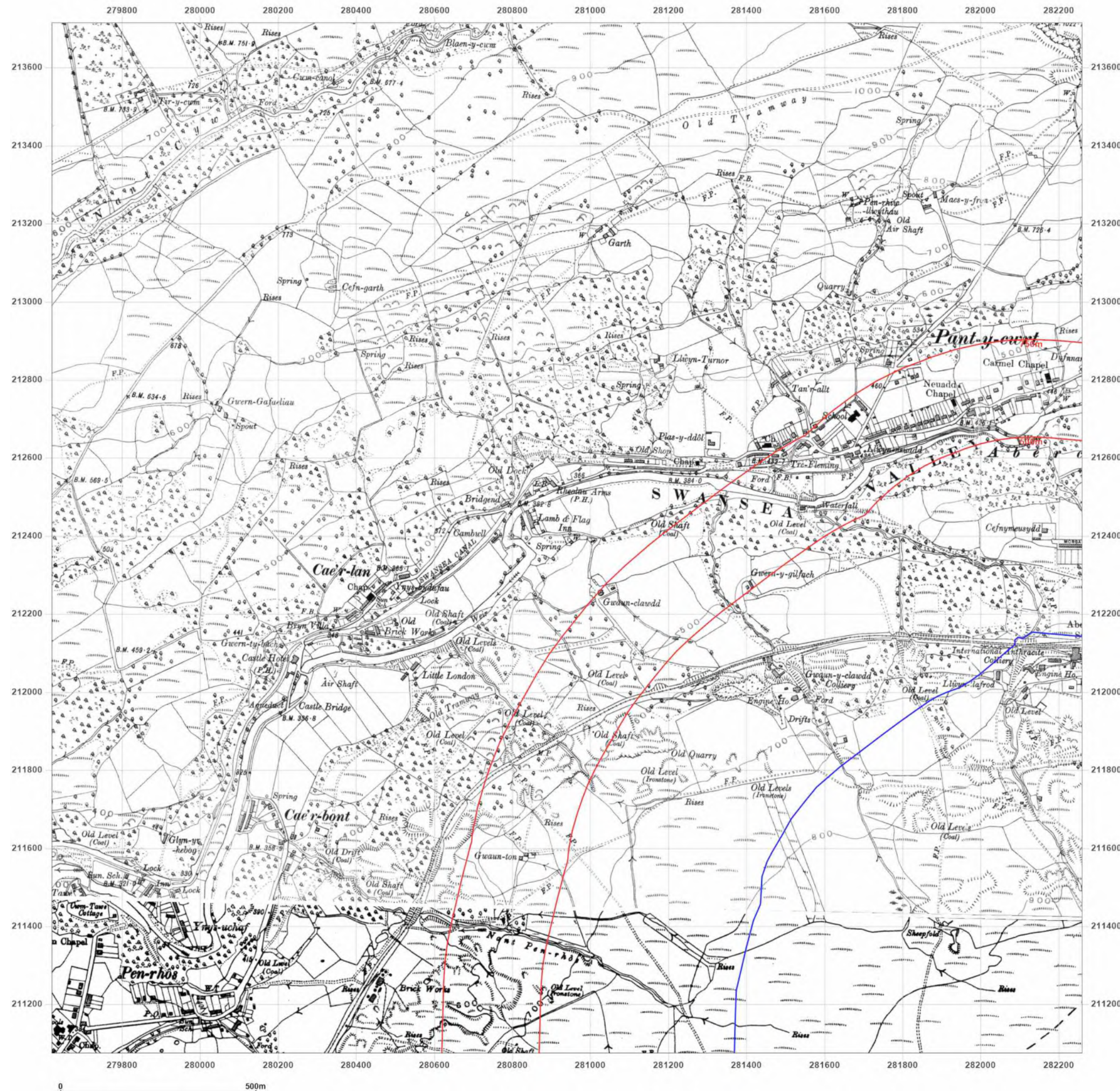


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: County Series

Map date: 1948

Scale: 1:10,560

Printed at: 1:10,560



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Surveyed 1876
Revised 1948
Edition N/A
Copyright N/A
Levelled N/A

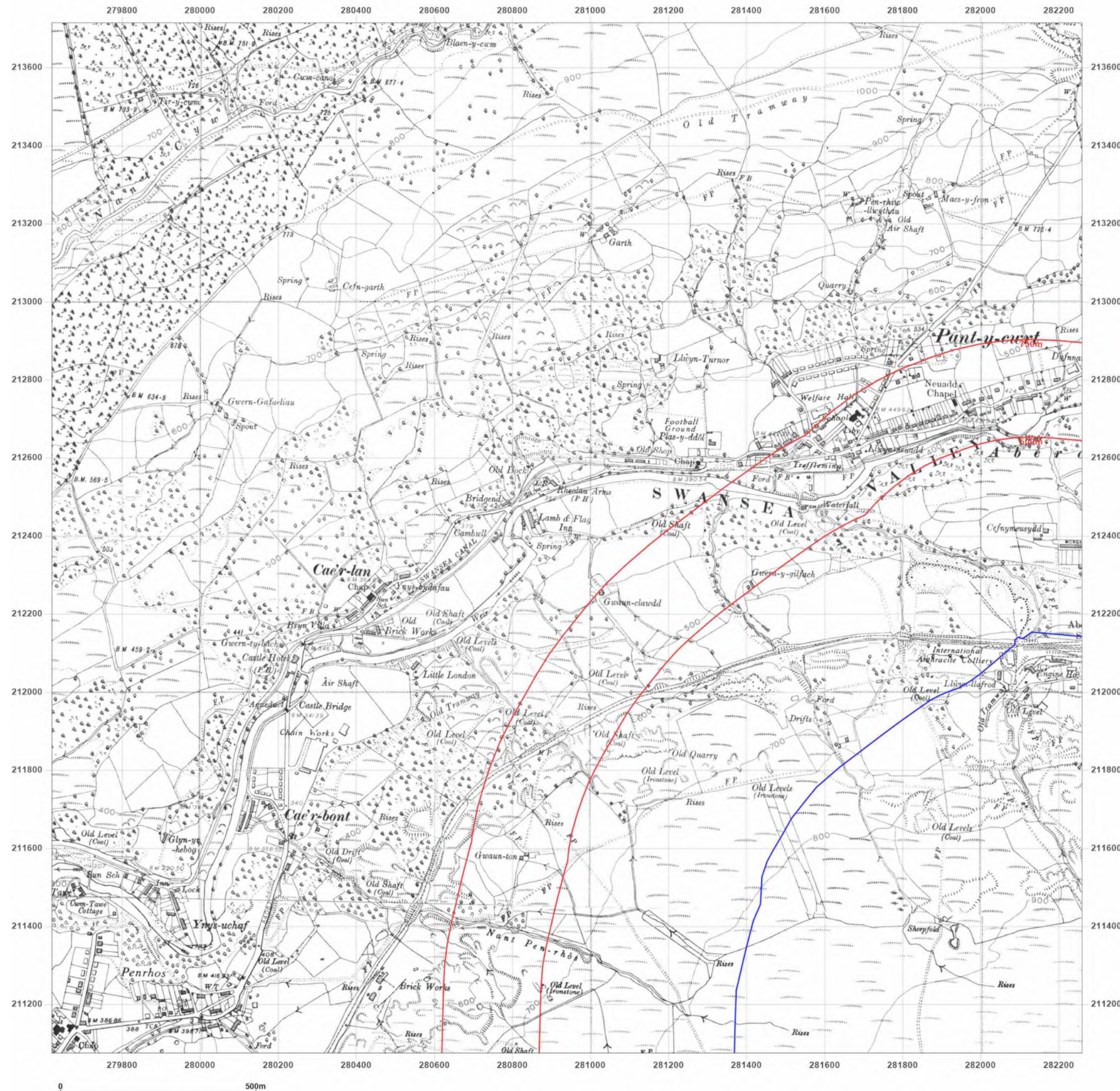


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: Provisional

Map date: 1965

Scale: 1:10,560

Printed at: 1:10,560



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Surveyed 1965
Revised 1965
Edition N/A
Copyright N/A
Levelled N/A

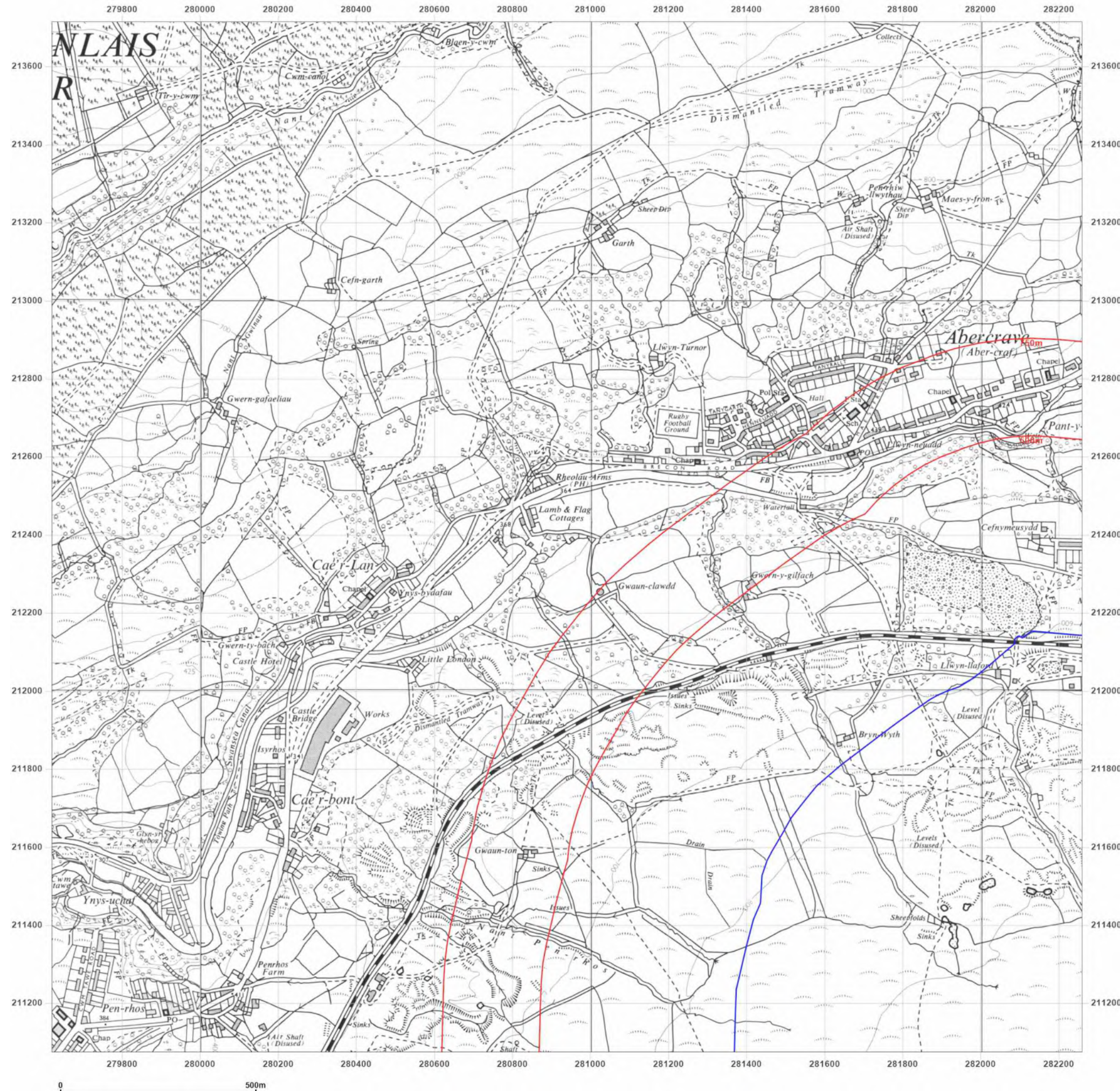


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: National Grid

Map date: 1985-1987

Scale: 1:10,000

Printed at: 1:10,000



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Surveyed 1985
Revised 1987
Edition N/A
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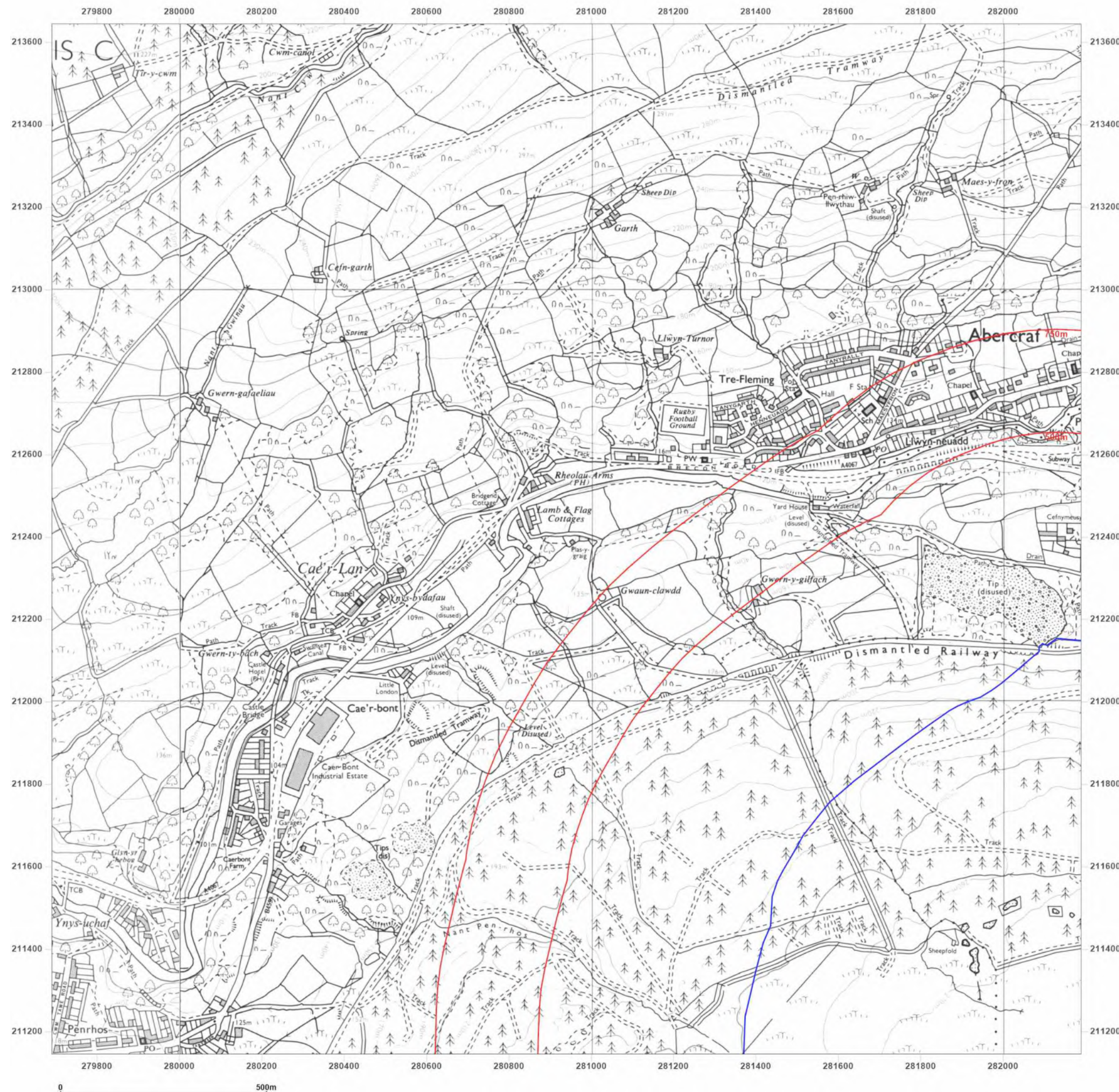


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

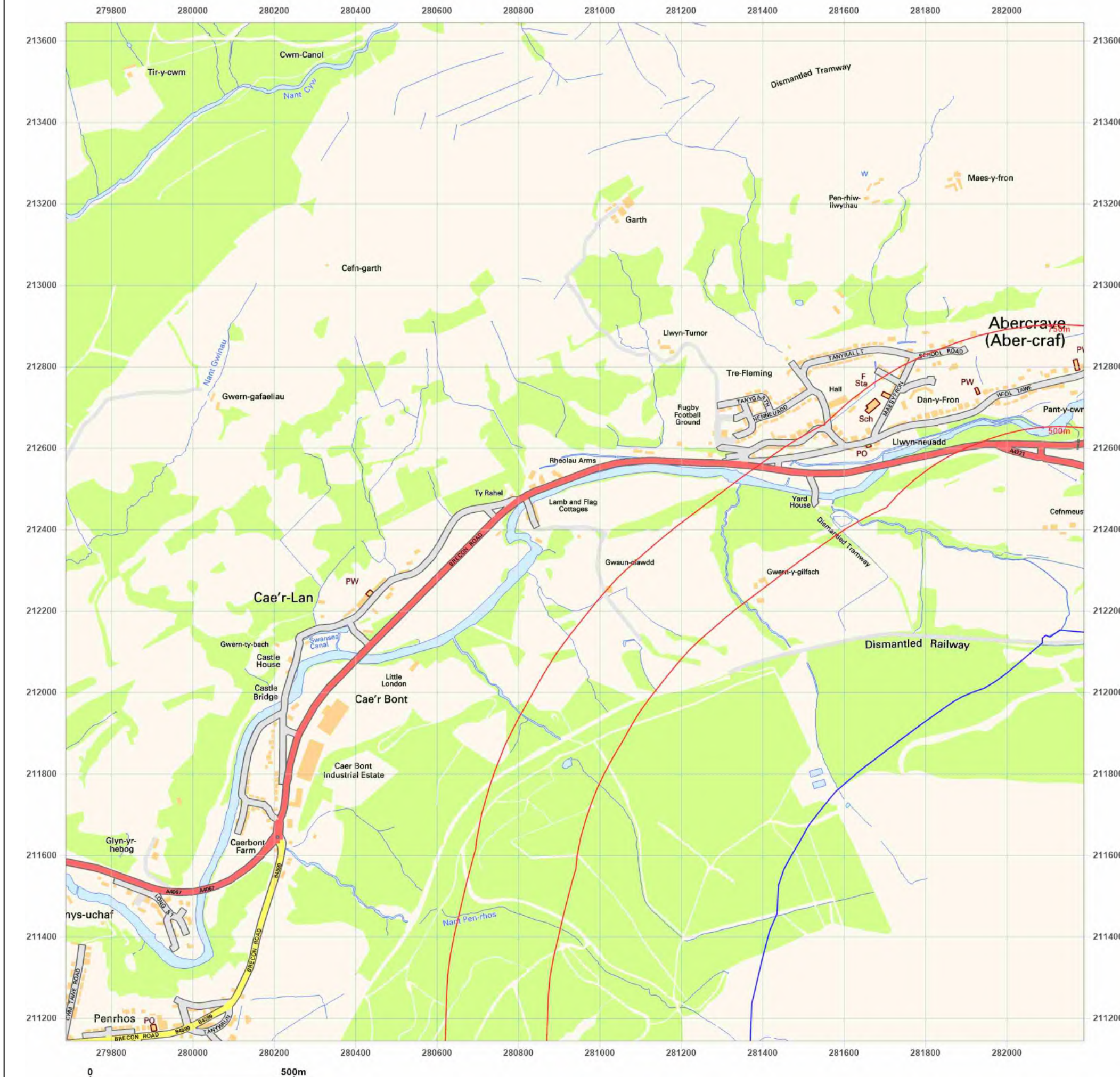


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

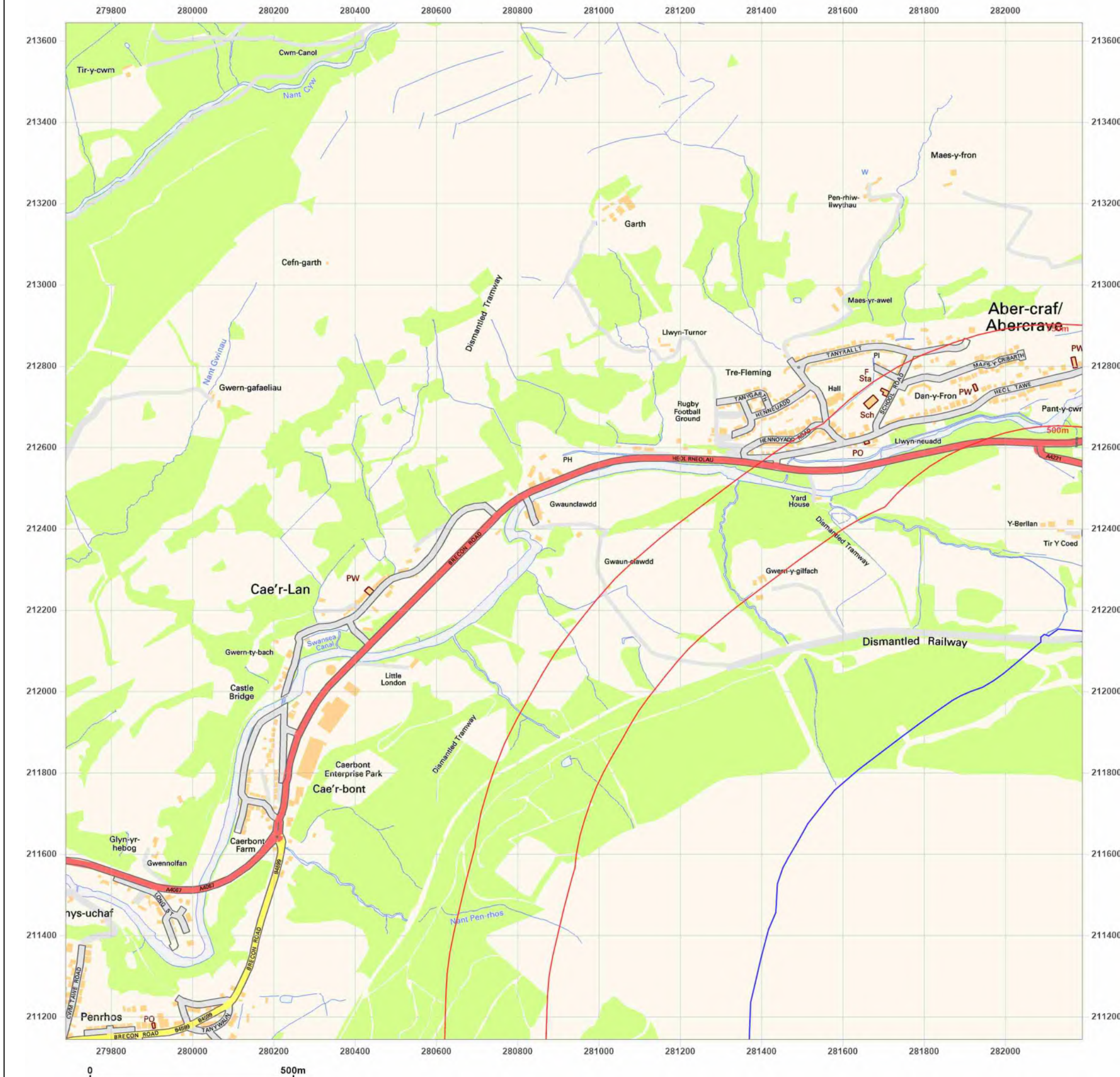


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_1_2
Grid Ref: 280939, 212394

Map Name: National Grid

Map date: 2022

Scale: 1:10,000

Printed at: 1:10,000



2022

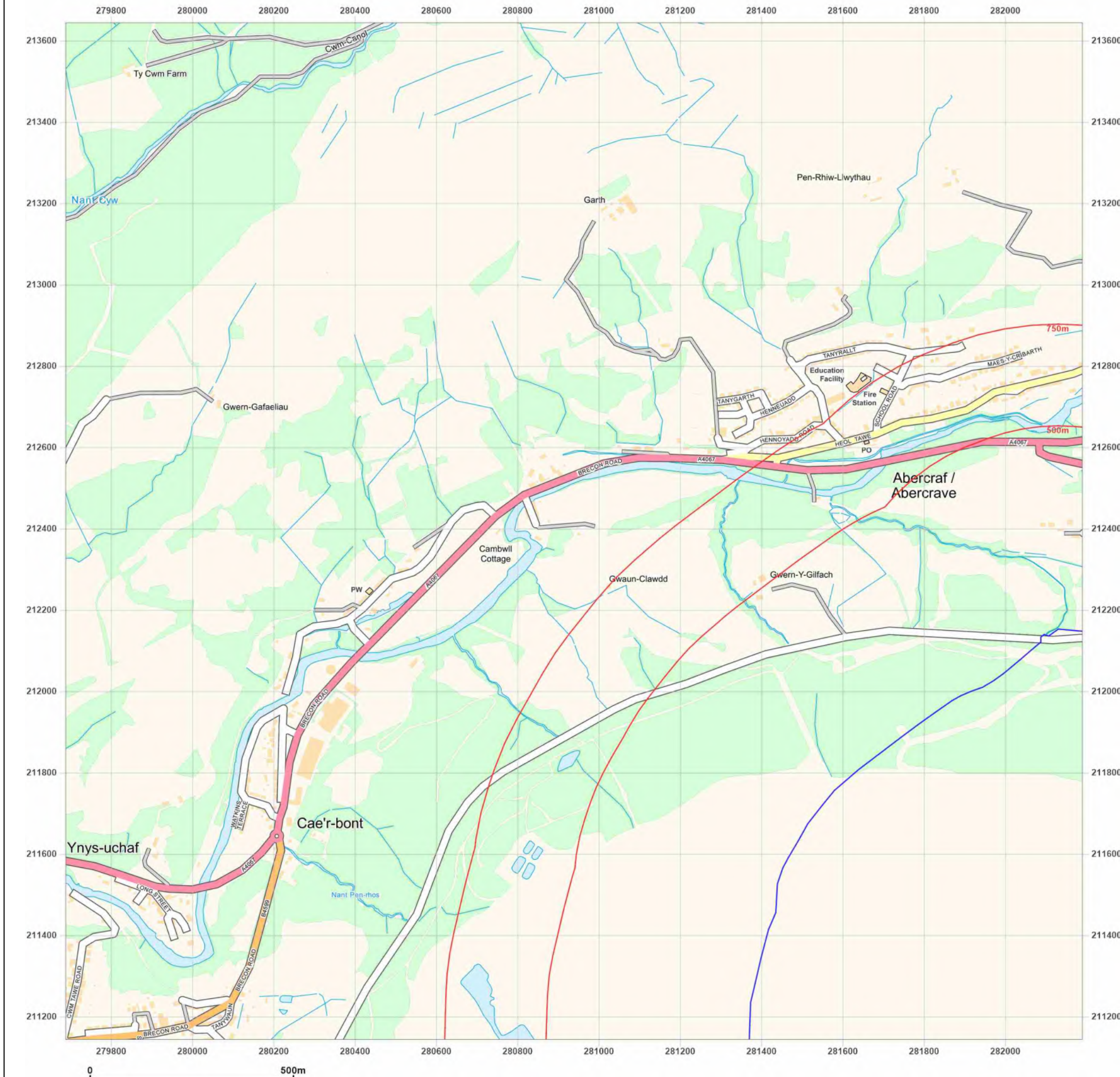


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_2_1
Grid Ref: 283439, 209894

Map Name: County Series

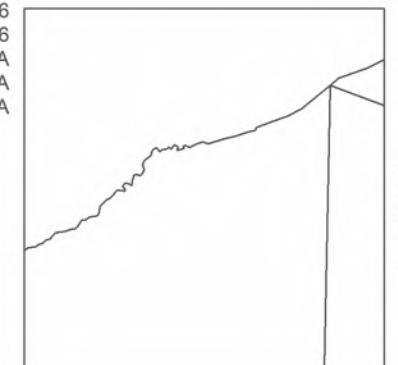
Map date: 1876

Scale: 1:10,560

Printed at: 1:10,560



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Edition N/A
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Edition N/A
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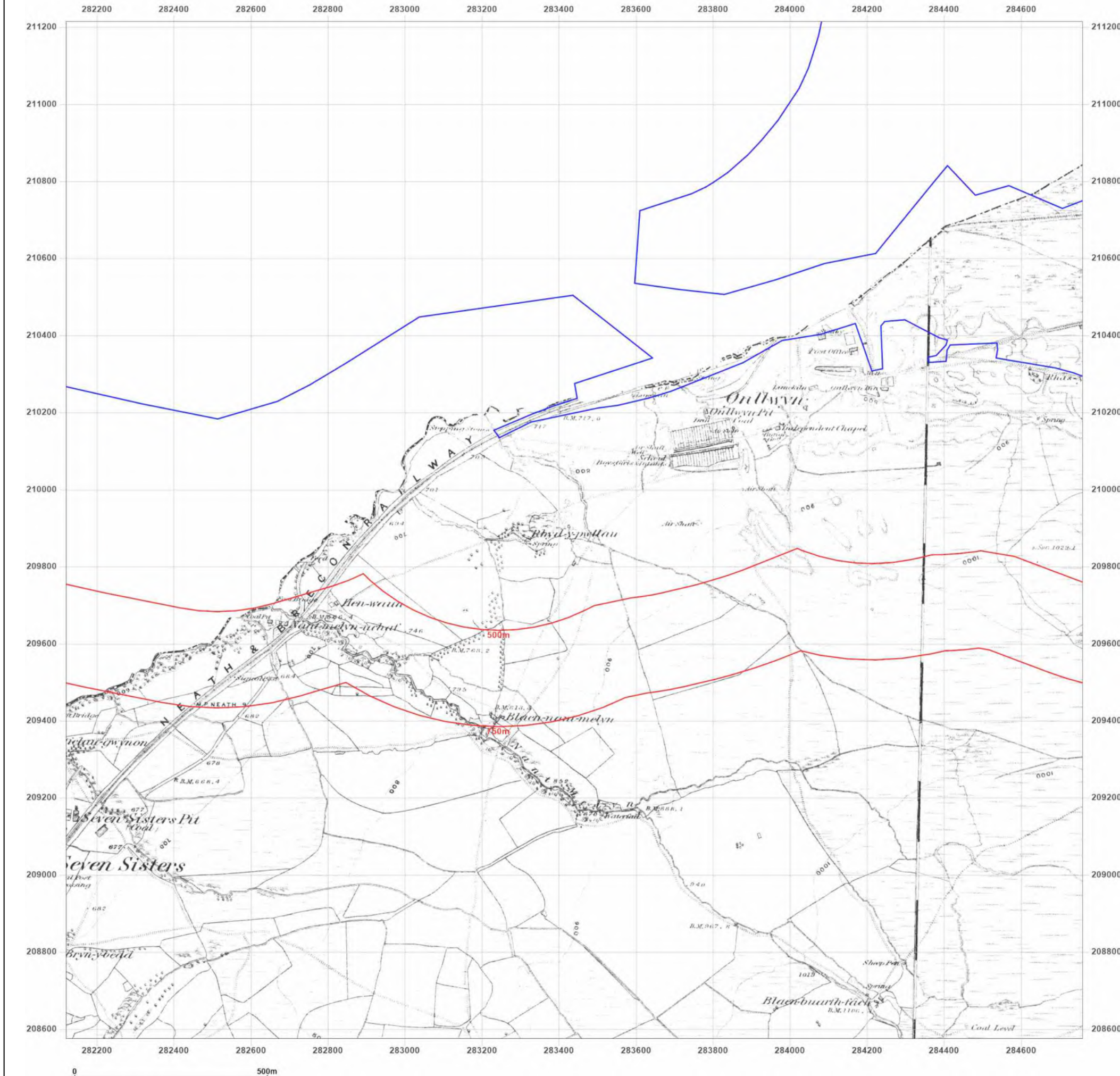


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Site Details:

GCRE

Client Ref: GCRE
Report Ref: GSIP-2021-12345-10398_SS_2_1
Grid Ref: 283439, 209894

Map Name: County Series

Map date: 1877

Scale: 1:10,560

Printed at: 1:10,560



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