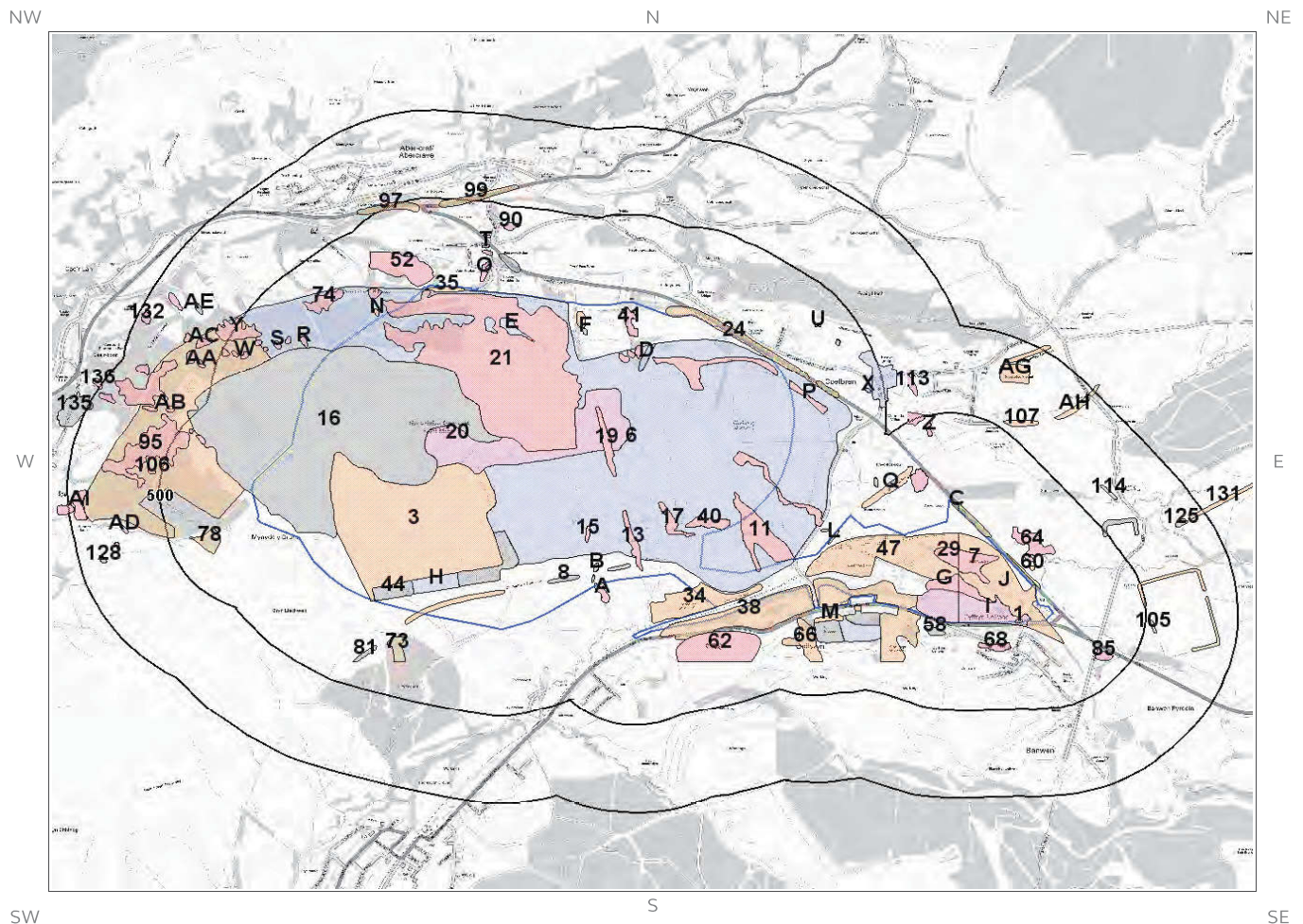


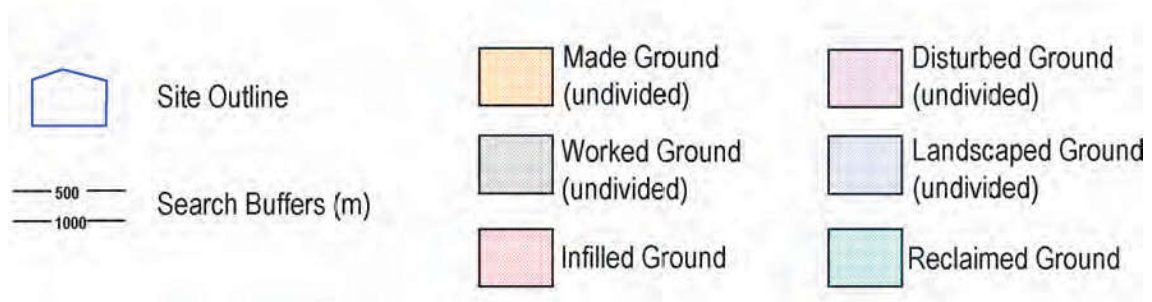
1 Geology (1:10,000 scale).

1.1 Artificial Ground map (1:10,000 scale)



Artificial Ground Legend

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1. Geology 1:10,000 scale

1.1 Artificial Ground

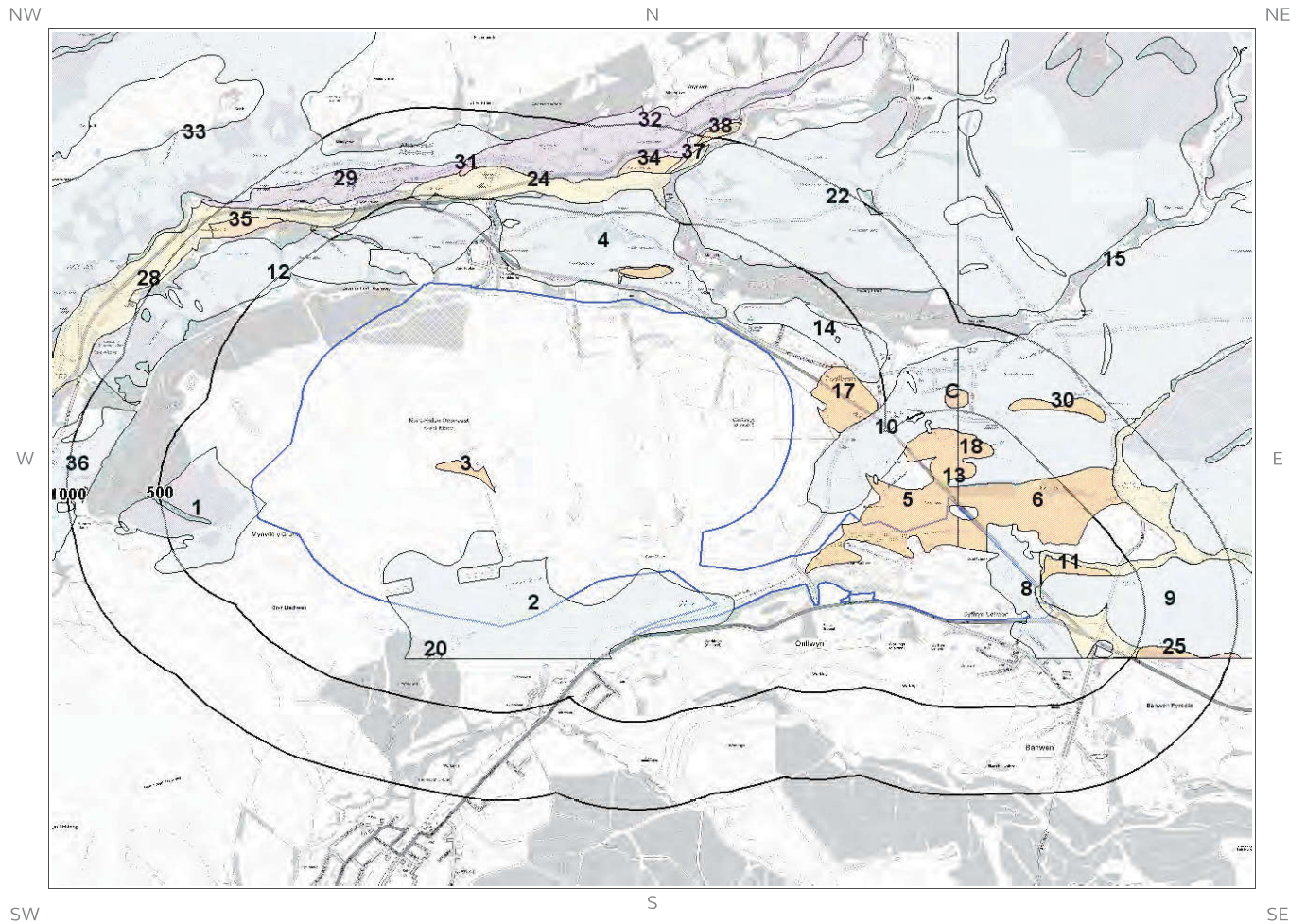
The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

Are there any records of Artificial/ Made Ground within 500m of the study site boundary at 1:10,000 scale? Yes

ID	Distance	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2A	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
3	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4H	0.0	On Site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
5G	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
6	0.0	On Site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
7	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
8	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
9A	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
10B	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
11	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
12B	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
13	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
14L	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
15	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
16	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
17	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
18C	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
19	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
20	0.0	On Site	DDGR-UNKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
21	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
22C	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
23	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
24	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
25D	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
26D	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
27D	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
28D	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
29	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
30E	0.0	On Site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
31F	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
32E	0.0	On Site	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
33F	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
34	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
35	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
36G	0.0	On Site	DDGR-UNKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
37H	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
38	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
39I	0.0	On Site	DDGR-UNKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
40	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
41	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
42	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
43J	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
44	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void

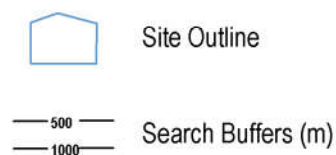
45K	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
46	0.0	On Site	WGR-VOID	Worked Ground (Undivided)	Void
47	0.0	On Site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
48I	0.0	On Site	WMGR-ARTDP	Infilled Ground	Artificial Deposit
49P	2.0	E	WMGR-ARTDP	Infilled Ground	Artificial Deposit
50N	10.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
51J	16.0	NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
52	19.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
53K	24.0	SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
54V	36.0	W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
55L	38.0	NW	WGR-VOID	Worked Ground (Undivided)	Void
56O	45.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
57K	48.0	SE	WGR-VOID	Worked Ground (Undivided)	Void
58	48.0	S	WGR-VOID	Worked Ground (Undivided)	Void
59M	54.0	S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
60	55.0	NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
61K	60.0	S	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
62	65.0	S	WMGR-ARTDP	Infilled Ground	Artificial Deposit
63Q	74.0	NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
64	75.0	NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
65M	81.0	S	WGR-VOID	Worked Ground (Undivided)	Void
66	91.0	SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
67N	105.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
68	112.0	S	WMGR-ARTDP	Infilled Ground	Artificial Deposit
69R	121.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
70O	125.0	N	WGR-VOID	Worked Ground (Undivided)	Void
71P	149.0	E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
72Q	151.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
73	154.0	S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
74	199.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
75O	202.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
76R	206.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
77Q	212.0	N	WGR-VOID	Worked Ground (Undivided)	Void
78	229.0	SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
79S	231.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
80T	239.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
81	240.0	S	WGR-VOID	Worked Ground (Undivided)	Void
82S	286.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
83T	296.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
84U	299.0	NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
85	313.0	SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
86S	332.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
87U	338.0	NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
88V	345.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
89W	359.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
90	361.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
91Y	362.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
92Z	382.0	N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
93X	398.0	E	WGR-VOID	Worked Ground (Undivided)	Void
94W	410.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
95	414.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
96X	419.0	E	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
97	429.0	N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
98V	437.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
99	451.0	N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
100Y	454.0	NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
101W	455.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
102Z	467.0	NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
103	481.0	NE	WGR-VOID	Worked Ground (Undivided)	Void
104	482.0	E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

1.2 Superficial Deposits and Landslips map (1:10,000 scale)



Artificial Ground Legend

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1.2 Superficial Deposits and Landslips

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping

1.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary at 1:10,000 scale? Yes

ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	0.0	On Site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
3	0.0	On Site	PEAT-P	Peat - Peat	Peat
4	0.0	On Site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
5	0.0	On Site	PEAT-P	Peat - Peat	Peat
6	0.0	On Site	PEAT-P	Peat - Peat	Peat
7	0.0	On Site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
8	0.0	On Site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
9	2.0	NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
10	14.0	N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
11	34.0	NE	PEAT-P	Peat - Peat	Peat
12	37.0	W	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
13	64.0	N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
14	66.0	NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
15	82.0	NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
16A	96.0	N	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
17	105.0	E	PEAT-P	Peat - Peat	Peat
18	122.0	NE	PEAT-P	Peat - Peat	Peat
19A	129.0	N	PEAT-P	Peat - Peat	Peat
20	211.0	S	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
21B	298.0	SE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
22	368.0	NE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
23B	424.0	SE	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
24	475.0	N	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

1.2.2 Landslip

Are there any records of Landslip within 500m of the study site boundary at 1:10,000 scale?

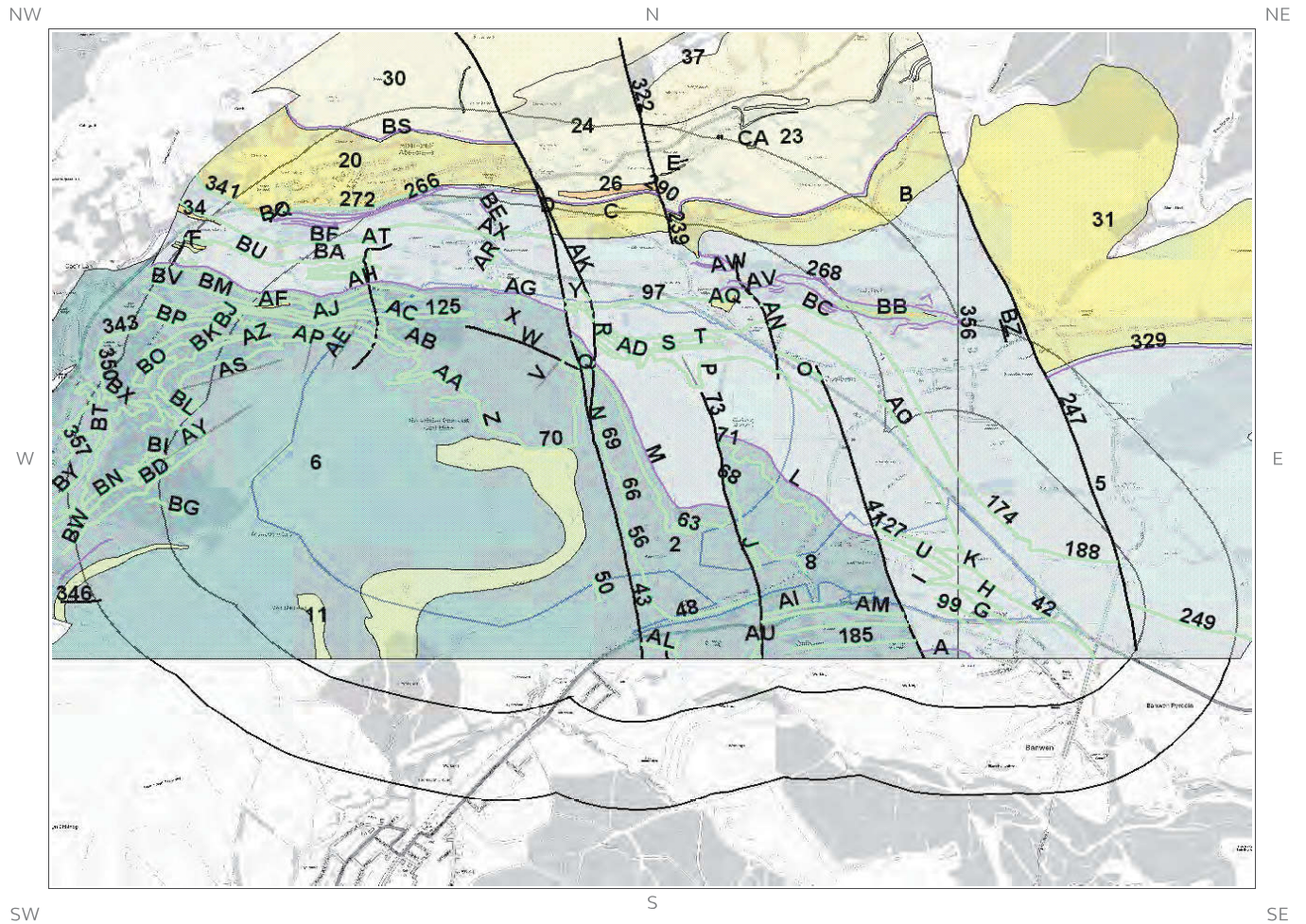
No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:10,000 scale

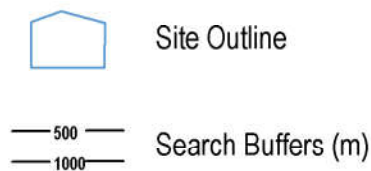
This Geology shows the main components as discrete layers, these are: Artificial / Made Ground, Superficial / Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

1.3 Bedrock and linear features map (1:10,000 scale)



Bedrock and linear features Legend

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1.3 Bedrock and linear features

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

1.3.1 Bedrock/ Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary at 1:10,000 scale.

ID	Distance (m)	Direction	LEX Code	Description	Rock Age
1Y	0.0	On Site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
2	0.0	On Site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
3AT	0.0	On Site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
4O	0.0	On Site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
5	0.0	On Site	SWLCM-MDSS	South Wales Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
6	0.0	On Site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
7	0.0	On Site	SWMCM-SDST	South Wales Middle Coal Measures Formation - Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
8	0.0	On Site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
9Q	0.0	On Site	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
10AQ	81.0	NE	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
11	142.0	SW	SWMCM-SDST	South Wales Middle Coal Measures Formation - Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
12A	166.0	S	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
13A	169.0	S	SWMCM-MDSS	South Wales Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
14B	310.0	N	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
15C	341.0	N	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
16AF	341.0	NW	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
17D	355.0	N	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
18BR	411.0	SW	SWMCM-SDST	South Wales Middle Coal Measures Formation - Sandstone	Bolsovia Sub-age - Duckmantian Sub-age
19BB	474.0	NE	SWLCM-SDST	South Wales Lower Coal Measures Formation - Sandstone	Langsettian Sub-age

1.3.2 Linear features

Are there any records of linear features within 500m of the study site boundary at 1:10,000 scale? Yes

ID	Distance (m)	Direction	Category Description	Feature Description
40J	0.0	On Site	FAULT	Normal fault, observed
41	0.0	On Site	FAULT	Normal fault, inferred
42	0.0	On Site	ROCK	Coal seam, inferred ()
43	0.0	On Site	FAULT	Normal fault, observed
44G	0.0	On Site	ROCK	Coal seam, inferred ()
45G	0.0	On Site	ROCK	Coal seam, inferred ()
46G	0.0	On Site	ROCK	Coal seam, inferred ()
47G	0.0	On Site	ROCK	Coal seam, inferred ()
48	0.0	On Site	ROCK	Coal seam, inferred ()
49H	0.0	On Site	ROCK	Coal seam, inferred ()
50	0.0	On Site	ROCK	Coal seam, inferred ()
51H	0.0	On Site	ROCK	Coal seam, inferred ()
52I	0.0	On Site	ROCK	Coal seam, inferred ()
53I	0.0	On Site	ROCK	Coal seam, inferred ()
54J	0.0	On Site	ROCK	Coal seam, observed ()
55K	0.0	On Site	ROCK	Coal seam, inferred ()
56	0.0	On Site	ROCK	Coal seam, observed ()
57K	0.0	On Site	ROCK	Coal seam, inferred ()
58K	0.0	On Site	ROCK	Coal seam, inferred ()
59K	0.0	On Site	ROCK	Coal seam, inferred ()
60L	0.0	On Site	FOSSIL_HORIZON	Fossil horizon, marine band ()
61AO	0.0	On Site	ROCK	Coal seam, inferred ()
62N	0.0	On Site	FAULT	Normal fault, observed
63	0.0	On Site	ROCK	Coal seam, observed ()
64L	0.0	On Site	ROCK	Coal seam, observed ()
65M	0.0	On Site	FOSSIL_HORIZON	Fossil horizon, marine band ()
66	0.0	On Site	ROCK	Coal seam, inferred ()
67M	0.0	On Site	ROCK	Coal seam, inferred ()
68	0.0	On Site	ROCK	Coal seam, inferred ()
69	0.0	On Site	ROCK	Coal seam, observed ()
70	0.0	On Site	ROCK	Coal seam, observed ()
71	0.0	On Site	ROCK	Coal seam, inferred ()
72Z	0.0	On Site	ROCK	Coal seam, observed ()
73	0.0	On Site	FAULT	Normal fault, inferred
74N	0.0	On Site	FAULT	Normal fault, inferred
75O	0.0	On Site	ROCK	Coal seam, observed ()
76N	0.0	On Site	ROCK	Coal seam, inferred ()
77V	0.0	On Site	FOLD_AXIS	Axial plane trace of major syncline
78P	0.0	On Site	ROCK	Coal seam, observed ()
79P	0.0	On Site	FOLD_AXIS	Axial plane trace of major anticline
80Q	0.0	On Site	ROCK	Coal seam, inferred ()
81AN	0.0	On Site	FAULT	Normal fault, observed
82R	0.0	On Site	FAULT	Normal fault, observed
83W	0.0	On Site	FAULT	Normal fault, inferred
84R	0.0	On Site	FOSSIL_HORIZON	Fossil horizon, marine band ()
85R	0.0	On Site	ROCK	Coal seam, inferred ()
86R	0.0	On Site	ROCK	Coal seam, inferred ()
87S	0.0	On Site	ROCK	Coal seam, observed ()

ID	Distance (m)	Direction	Category Description	Feature Description
88S	0.0	On Site	ROCK	Coal seam, observed ()
89P	0.0	On Site	ROCK	Coal seam, inferred ()
90T	0.0	On Site	ROCK	Coal seam, inferred ()
91S	0.0	On Site	ROCK	Coal seam, observed ()
92R	0.0	On Site	ROCK	Coal seam, inferred ()
93S	0.0	On Site	ROCK	Coal seam, observed ()
94R	0.0	On Site	ROCK	Coal seam, inferred ()
95T	0.0	On Site	ROCK	Coal seam, inferred ()
96R	0.0	On Site	ROCK	Coal seam, inferred ()
97	0.0	On Site	ROCK	Coal seam, observed ()
98AI	0.0	On Site	ROCK	Coal seam, inferred ()
99	0.0	On Site	ROCK	Coal seam, inferred ()
100U	0.0	On Site	ROCK	Coal seam, inferred ()
101I	0.0	On Site	ROCK	Coal seam, inferred ()
102U	0.0	On Site	ROCK	Coal seam, inferred ()
103Q	0.0	On Site	ROCK	Coal seam, observed ()
104X	0.0	On Site	ROCK	Coal seam, observed ()
105V	0.0	On Site	ROCK	Coal seam, observed ()
106W	0.0	On Site	ROCK	Coal seam, inferred ()
107X	0.0	On Site	ROCK	Coal seam, inferred ()
108X	0.0	On Site	ROCK	Coal seam, observed ()
109Y	0.0	On Site	ROCK	Coal seam, inferred ()
110Y	0.0	On Site	ROCK	Coal seam, inferred ()
111R	0.0	On Site	ROCK	Coal seam, inferred ()
112R	0.0	On Site	ROCK	Coal seam, observed ()
113Z	0.0	On Site	ROCK	Coal seam, observed ()
114AA	0.0	On Site	ROCK	Coal seam, observed ()
115AA	0.0	On Site	ROCK	Coal seam, observed ()
116AB	0.0	On Site	ROCK	Coal seam, observed ()
117AA	0.0	On Site	ROCK	Coal seam, inferred ()
118AC	0.0	On Site	ROCK	Coal seam, observed ()
119AB	0.0	On Site	ROCK	Coal seam, observed ()
120AB	0.0	On Site	ROCK	Coal seam, observed ()
121AC	0.0	On Site	ROCK	Coal seam, observed ()
122AC	0.0	On Site	ROCK	Coal seam, observed ()
123AB	0.0	On Site	ROCK	Coal seam, observed ()
124AC	0.0	On Site	ROCK	Coal seam, observed ()
125	0.0	On Site	ROCK	Coal seam, observed ()
126U	0.0	On Site	ROCK	Coal seam, inferred ()
127	0.0	On Site	ROCK	Coal seam, inferred ()
128AB	0.0	On Site	ROCK	Coal seam, observed ()
129Q	0.0	On Site	ROCK	Coal seam, observed ()
130AD	0.0	On Site	ROCK	Coal seam, inferred ()
131AD	0.0	On Site	ROCK	Coal seam, observed ()
132R	0.0	On Site	ROCK	Coal seam, observed ()
133AD	0.0	On Site	ROCK	Coal seam, observed ()
134AD	0.0	On Site	ROCK	Coal seam, observed ()
135S	0.0	On Site	ROCK	Coal seam, observed ()
136R	0.0	On Site	ROCK	Coal seam, observed ()
137S	0.0	On Site	ROCK	Coal seam, observed ()
138AD	0.0	On Site	ROCK	Coal seam, observed ()
139S	0.0	On Site	ROCK	Coal seam, observed ()
140AD	0.0	On Site	ROCK	Coal seam, observed ()

ID	Distance (m)	Direction	Category Description	Feature Description
141S	0.0	On Site	ROCK	Coal seam, observed ()
142AA	0.0	On Site	ROCK	Coal seam, observed ()
143AE	0.0	On Site	FOLD_AXIS	Axial plane trace of major syncline
144AE	0.0	On Site	ROCK	Coal seam, observed ()
145AE	0.0	On Site	ROCK	Coal seam, observed ()
146AE	0.0	On Site	FAULT	Normal fault, observed
147AE	0.0	On Site	ROCK	Coal seam, observed ()
148AF	0.0	On Site	ROCK	Coal seam, observed ()
149AH	0.0	On Site	FOSSIL_HORIZON	Fossil horizon, marine band ()
150AG	0.0	On Site	ROCK	Coal seam, observed ()
151AJ	5.0	NW	ROCK	Coal seam, observed ()
152Y	11.0	N	ROCK	Coal seam, inferred ()
153AG	14.0	N	ROCK	Coal seam, inferred ()
154AH	18.0	NW	ROCK	Coal seam, observed ()
155AH	19.0	NW	ROCK	Coal seam, observed ()
156AI	33.0	S	ROCK	Coal seam, observed ()
157O	36.0	NE	ROCK	Coal seam, inferred ()
158AG	39.0	N	ROCK	Coal seam, observed ()
159AE	39.0	NW	FOLD_AXIS	Axial plane trace of major anticline
160AM	44.0	S	ROCK	Coal seam, inferred ()
161AJ	45.0	NW	ROCK	Coal seam, observed ()
162AH	47.0	NW	ROCK	Coal seam, observed ()
163AH	47.0	NW	ROCK	Coal seam, inferred ()
164AJ	53.0	NW	ROCK	Coal seam, observed ()
165AL	58.0	SE	ROCK	Coal seam, observed ()
166AK	68.0	N	FAULT	Normal fault, inferred
167AH	72.0	NW	FAULT	Normal fault, inferred
168AK	73.0	N	FAULT	Normal fault, inferred
169AH	77.0	NW	ROCK	Coal seam, observed ()
170AL	91.0	S	ROCK	Coal seam, inferred ()
171AM	100.0	S	ROCK	Coal seam, inferred ()
172AL	105.0	S	ROCK	Coal seam, observed ()
173AL	106.0	S	FAULT	Normal fault, inferred
174	107.0	NE	ROCK	Coal seam, inferred ()
175AP	121.0	NW	ROCK	Coal seam, observed ()
176AN	128.0	N	ROCK	Coal seam, inferred ()
177AH	136.0	NW	ROCK	Coal seam, observed ()
178AR	144.0	NE	ROCK	Coal seam, observed ()
179AO	144.0	N	ROCK	Coal seam, inferred ()
180AP	159.0	NW	ROCK	Coal seam, observed ()
181AQ	165.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
182A	166.0	S	FOSSIL_HORIZON	Fossil horizon, marine band ()
183AH	166.0	NW	ROCK	Coal seam, observed ()
184A	169.0	S	FOSSIL_HORIZON	Fossil horizon, marine band ()
185	170.0	S	ROCK	Coal seam, inferred ()
186AQ	182.0	NE	ROCK	Coal seam, observed ()
187AS	183.0	NW	FOLD_AXIS	Axial plane trace of major syncline
188	186.0	NE	ROCK	Coal seam, inferred ()
189AJ	199.0	NW	ROCK	Coal seam, observed ()
190AR	200.0	N	ROCK	Coal seam, observed ()
191AS	206.0	NW	ROCK	Coal seam, observed ()
192BC	207.0	NE	ROCK	Coal seam, observed ()
193AP	209.0	NW	ROCK	Coal seam, observed ()

ID	Distance (m)	Direction	Category Description	Feature Description
194AT	221.0	NW	ROCK	Coal seam, observed ()
195AP	223.0	NW	ROCK	Coal seam, observed ()
196AT	228.0	NW	FAULT	Normal fault, observed
197AQ	228.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
198AU	229.0	SE	ROCK	Coal seam, inferred ()
199AU	230.0	SE	ROCK	Coal seam, observed ()
200AP	231.0	NW	ROCK	Coal seam, observed ()
201AQ	236.0	NE	FAULT	Normal fault, inferred
202AH	242.0	NW	ROCK	Coal seam, inferred ()
203AH	257.0	NW	ROCK	Coal seam, inferred ()
204AV	257.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
205AY	257.0	W	FOLD_AXIS	Axial plane trace of major anticline
206AV	260.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
207AW	265.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
208AH	269.0	NW	ROCK	Coal seam, observed ()
209AW	277.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
210AP	280.0	NW	ROCK	Coal seam, observed ()
211AF	280.0	NW	ROCK	Coal seam, observed ()
212AH	282.0	NW	ROCK	Coal seam, inferred ()
213AX	285.0	N	ROCK	Coal seam, observed ()
214AU	287.0	S	ROCK	Coal seam, inferred ()
215AF	288.0	NW	ROCK	Coal seam, observed ()
216AT	291.0	NW	FAULT	Normal fault, inferred
217AH	294.0	NW	ROCK	Coal seam, observed ()
218AV	303.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
219BF	303.0	N	ROCK	Coal seam, inferred ()
220AT	307.0	NW	ROCK	Coal seam, inferred ()
221AF	310.0	NW	ROCK	Coal seam, inferred ()
222AV	313.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
223AT	314.0	NW	ROCK	Coal seam, observed ()
224AH	314.0	NW	ROCK	Coal seam, observed ()
225AX	322.0	N	ROCK	Coal seam, inferred ()
226AF	323.0	NW	ROCK	Coal seam, inferred ()
227AT	323.0	NW	ROCK	Coal seam, observed ()
228AT	328.0	NW	ROCK	Coal seam, inferred ()
229BD	329.0	NW	ROCK	Coal seam, inferred ()
230AY	329.0	NW	ROCK	Coal seam, observed ()
231AT	331.0	NW	ROCK	Coal seam, observed ()
232AZ	332.0	NW	ROCK	Coal seam, observed ()
233AY	345.0	NW	ROCK	Coal seam, observed ()
234AT	346.0	NW	ROCK	Coal seam, observed ()
235BA	350.0	NW	ROCK	Coal seam, observed ()
236AZ	362.0	NW	ROCK	Coal seam, observed ()
237BA	364.0	NW	ROCK	Coal seam, observed ()
238AZ	368.0	NW	ROCK	Coal seam, observed ()
239	371.0	N	FAULT	Normal fault, inferred
240BB	374.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
241BG	379.0	W	ROCK	Coal seam, observed ()
242BC	381.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
243AF	382.0	NW	ROCK	Coal seam, inferred ()
244BC	389.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
245AY	401.0	NW	ROCK	Coal seam, observed ()
246BC	406.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()

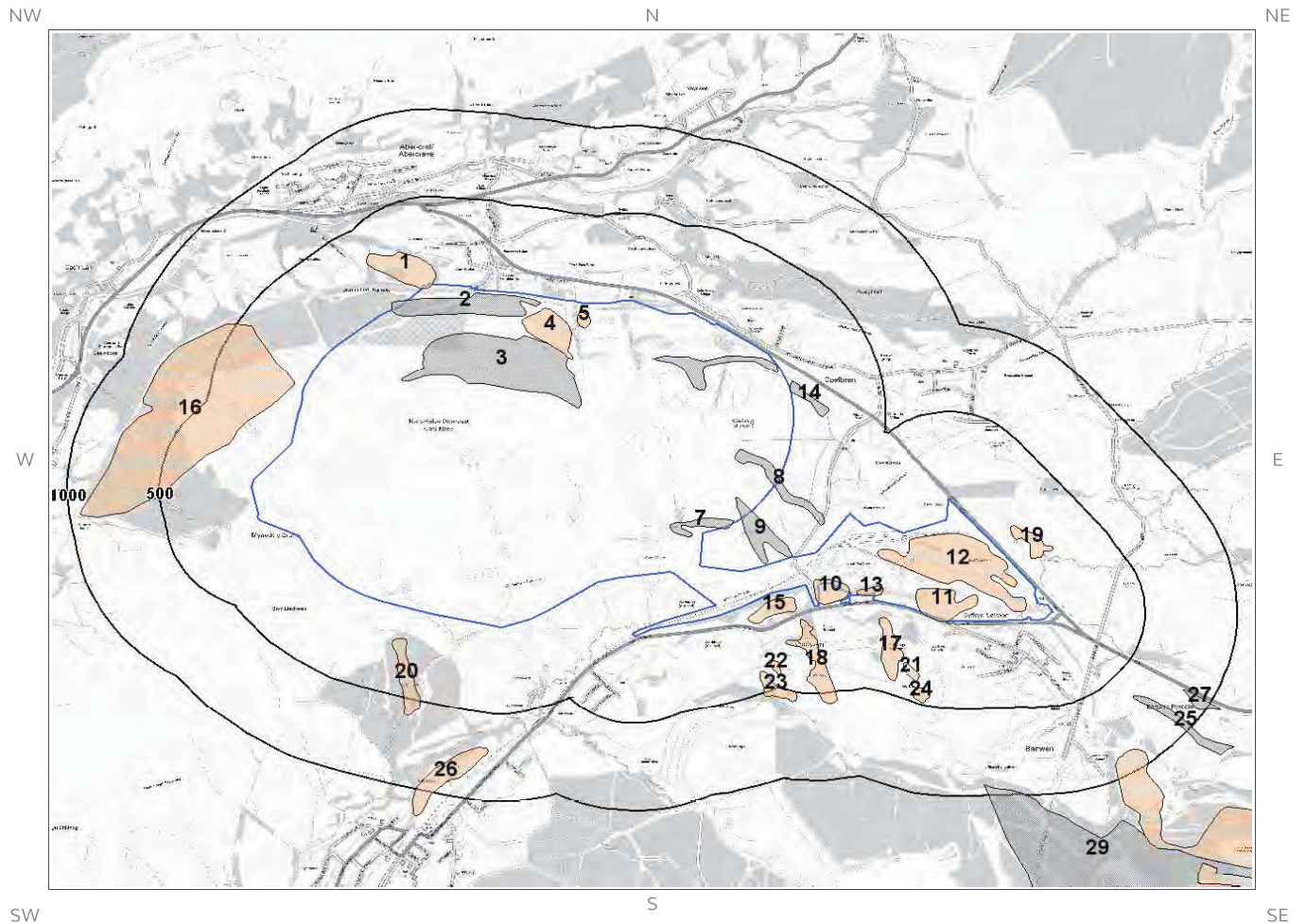
ID	Distance (m)	Direction	Category Description	Feature Description
247	408.0	E	FAULT	Normal fault, inferred
248AY	410.0	NW	ROCK	Coal seam, observed ()
249	411.0	E	ROCK	Coal seam, inferred ()
250AF	411.0	NW	ROCK	Coal seam, inferred ()
251AY	414.0	NW	ROCK	Coal seam, observed ()
252BE	421.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
253BC	422.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
254AY	426.0	NW	ROCK	Coal seam, observed ()
255D	426.0	N	FAULT	Normal fault, observed
256BD	448.0	W	ROCK	Coal seam, observed ()
257BE	453.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
258AZ	455.0	NW	ROCK	Coal seam, observed ()
259BD	468.0	W	ROCK	Coal seam, observed ()
260BD	468.0	W	ROCK	Coal seam, observed ()
261BF	471.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
262BJ	472.0	NW	ROCK	Coal seam, observed ()
263BB	474.0	NE	ROCK	Coal seam, observed ()
264BG	477.0	W	ROCK	Coal seam, observed ()
265BU	483.0	NW	ROCK	Coal seam, inferred ()
266	485.0	N	FOSSIL_HORIZON	Fossil horizon, marine band ()
267BH	491.0	N	FAULT	Normal fault, observed
268	496.0	NE	FOSSIL_HORIZON	Fossil horizon, marine band ()
269BB	498.0	NE	ROCK	Coal seam, inferred ()

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of great Britain at 1:10,000 scale.

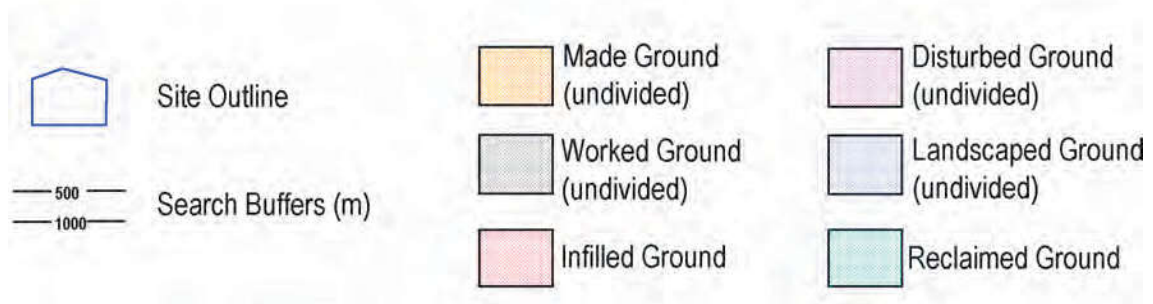
This Geology shows the main components as discrete layers, these are: Bedrock/ Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

2 Geology 1:50,000 Scale

2.1 Artificial Ground map



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2. Geology 1:50,000 scale

2.1 Artificial Ground

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No: 231

2.1.1 Artificial/ Made Ground

Are there any records of Artificial/ Made Ground within 500m of the study site boundary? Yes

ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	0.0	On Site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	0.0	On Site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
4	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
5	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
6	0.0	On Site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
7	0.0	On Site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
8	0.0	On Site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
9	0.0	On Site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
10	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
11	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
12	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
13	0.0	On Site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
14	2.0	E	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
15	36.0	SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
16	58.0	W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
17	84.0	S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
18	95.0	SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
19	97.0	NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
20	175.0	S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
21	296.0	S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
22	349.0	SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
23	382.0	S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
24	408.0	S	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

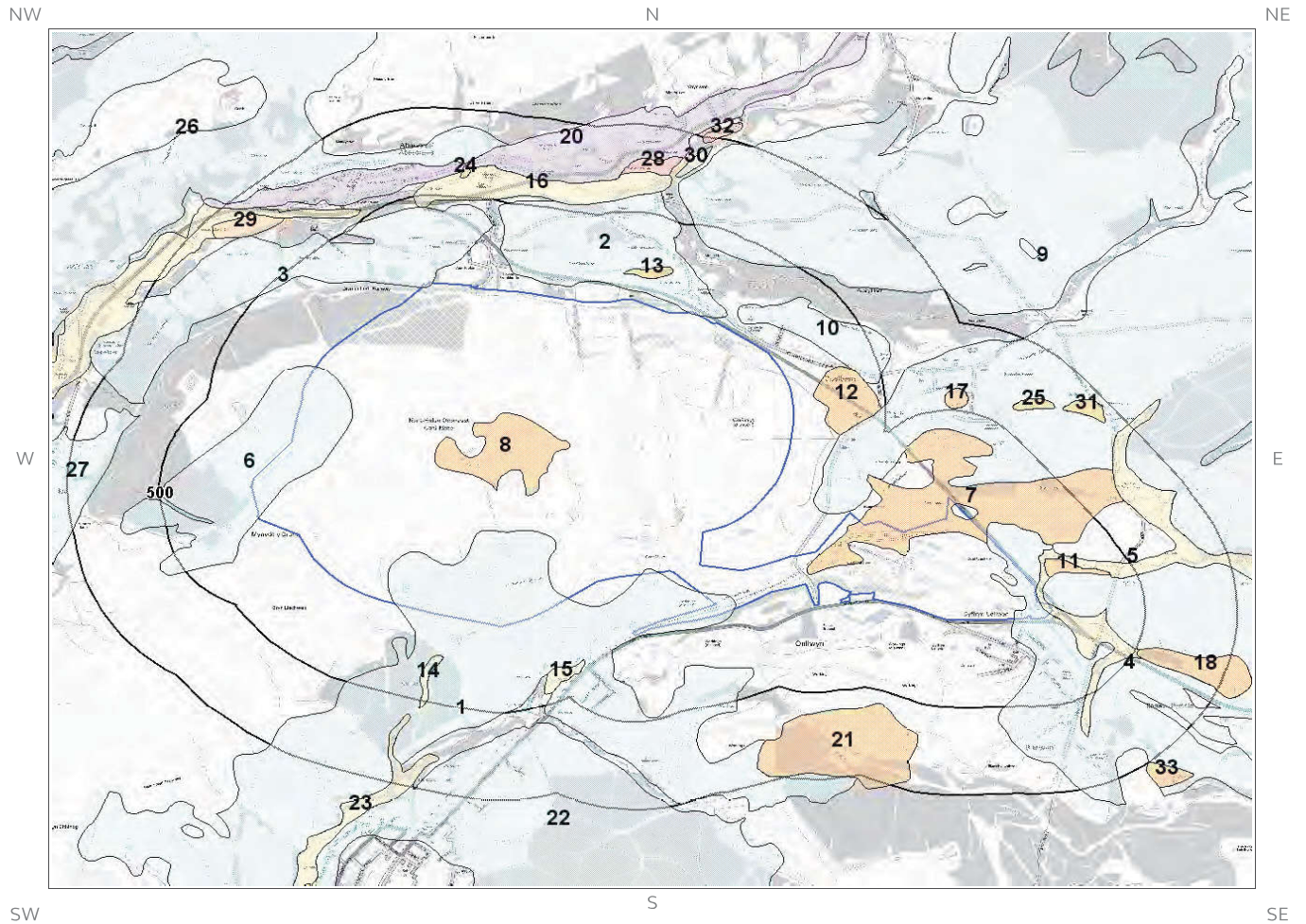
2.1.2 Permeability of Artificial Ground

Are there any records relating to permeability of artificial ground within the study site boundary? Yes

Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low

Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low
0.0	On Site	Mixed	Very High	Low
36.0	SE	Mixed	Very High	Low

2.2 Superficial Deposits and Landslips map (1:50,000 scale)



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2.2 Superficial Deposits and Landslips

2.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary? Yes

ID	Distance	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
2	0.0	On Site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
3	0.0	On Site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
4	0.0	On Site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
5	0.0	On Site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	0.0	On Site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
7	0.0	On Site	PEAT-P	PEAT	PEAT
8	0.0	On Site	PEAT-P	PEAT	PEAT
9	10.0	N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
10	71.0	NE	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
11	94.0	NE	PEAT-P	PEAT	PEAT
12	118.0	E	PEAT-P	PEAT	PEAT
13	136.0	N	PEAT-P	PEAT	PEAT
14	228.0	S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
15	306.0	SW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
16	431.0	N	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

2.2.2 Permeability of Superficial Ground

Are there any records relating to permeability of superficial ground within the study site boundary? Yes

Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Mixed	High	Low
0.0	On Site	Mixed	High	Low
0.0	On Site	Mixed	High	Low
0.0	On Site	Mixed	Low	Very Low
0.0	On Site	Mixed	High	Low
0.0	On Site	Mixed	Low	Very Low
0.0	On Site	Mixed	Low	Very Low
0.0	On Site	Intergranular	High	Very Low
0.0	On Site	Mixed	High	Low
4.0	NE	Mixed	High	Low
10.0	N	Mixed	High	Low

2.2.3 Landslip

Are there any records of Landslip within 500m of the study site boundary?

No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 scale.

This Geology shows the main components as discrete layers, there are: Artificial/ Made Ground, Superficial/ Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

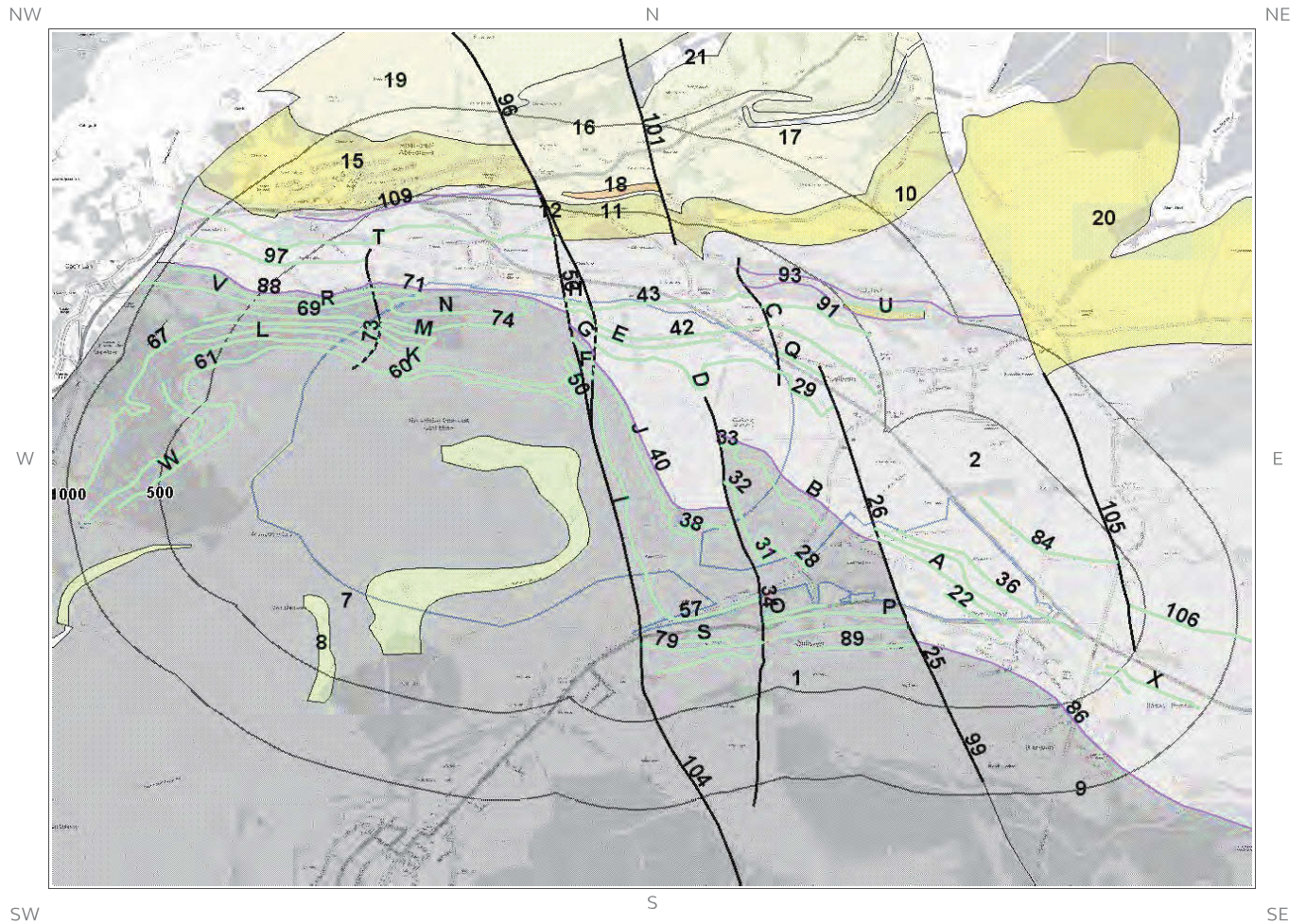
2.2.4 Landslip Permeability

Are there any records relating to permeability of landslips within the study site boundary?

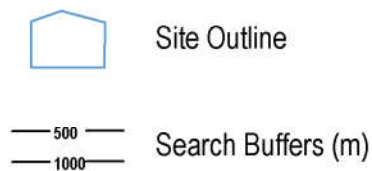
No

Database searched and no data found.

2.3 Bedrock and linear features map (1:50,000 scale)



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2.3 Bedrock, Solid Geology & linear features

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No: 231

2.3.1 Bedrock/Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary:

ID	Distance	Direction	LEX Code	Rock Description	Rock Age
1	0.0	On Site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
2	0.0	On Site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
3T	0.0	On Site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
4H	0.0	On Site	SWLCM-MDSS	SOUTH WALES LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
5F	0.0	On Site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
6	0.0	On Site	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
7	0.0	On Site	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
8	137.0	SW	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
9	160.0	S	SWMCM-MDSS	SOUTH WALES MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
10	303.0	N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
11	331.0	N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
12	350.0	N	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
13	399.0	SW	SWMCM-SDST	SOUTH WALES MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN

ID	Distance	Direction	LEX Code	Rock Description	Rock Age
14U	484.0	NE	SWLCM-SDST	SOUTH WALES LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN

2.3.2 Permeability of Bedrock Ground

Are there any records relating to permeability of bedrock ground within the study site boundary? Yes

Distance	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Fracture	Moderate	Low
0.0	On Site	Fracture	Moderate	Low
0.0	On Site	Fracture	High	Moderate
0.0	On Site	Fracture	Moderate	Low

2.3.3 Linear features

Are there any records of linear features within 500m of the study site boundary? Yes

ID	Distance	Direction	Category Description	Feature Description
22	0.0	On Site	ROCK	Coal seam, inferred
23A	0.0	On Site	ROCK	Coal seam, inferred
24A	0.0	On Site	ROCK	Coal seam, inferred
25	0.0	On Site	FAULT	Fault, observed, displacement unknown
26	0.0	On Site	FAULT	Fault, inferred, displacement unknown
27B	0.0	On Site	FOSSIL_HORIZON	Marine band
28	0.0	On Site	ROCK	Coal seam, observed
29	0.0	On Site	ROCK	Coal seam, observed
30B	0.0	On Site	ROCK	Coal seam, observed
31	0.0	On Site	ROCK	Coal seam, observed
32	0.0	On Site	ROCK	Coal seam, observed
33	0.0	On Site	ROCK	Coal seam, observed
34	0.0	On Site	FAULT	Fault, inferred, displacement unknown
35C	0.0	On Site	FAULT	Fault, observed, displacement unknown
36	0.0	On Site	ROCK	Coal seam, inferred
37C	0.0	On Site	ROCK	Coal seam, inferred
38	0.0	On Site	ROCK	Coal seam, observed
39D	0.0	On Site	ROCK	Coal seam, observed
40	0.0	On Site	FOSSIL_HORIZON	Marine band
41D	0.0	On Site	ROCK	Coal seam, observed
42	0.0	On Site	ROCK	Coal seam, observed
43	0.0	On Site	ROCK	Coal seam, observed
44J	0.0	On Site	ROCK	Coal seam, inferred
45I	0.0	On Site	FAULT	Fault, observed, displacement unknown
46E	0.0	On Site	ROCK	Coal seam, inferred
47E	0.0	On Site	ROCK	Coal seam, inferred
48F	0.0	On Site	ROCK	Coal seam, observed

ID	Distance	Direction	Category Description	Feature Description
49F	0.0	On Site	ROCK	Coal seam, inferred
50	0.0	On Site	ROCK	Coal seam, observed
51G	0.0	On Site	FOSSIL_HORIZON	Marine band
52F	0.0	On Site	ROCK	Coal seam, observed
53G	0.0	On Site	FAULT	Fault, inferred, displacement unknown
54H	0.0	On Site	ROCK	Coal seam, inferred
55H	0.0	On Site	ROCK	Coal seam, inferred
56	0.0	On Site	FAULT	Fault, inferred, displacement unknown
57	0.0	On Site	ROCK	Coal seam, inferred
58I	0.0	On Site	ROCK	Coal seam, observed
59J	0.0	On Site	ROCK	Coal seam, inferred
60	0.0	On Site	ROCK	Coal seam, observed
61	0.0	On Site	ROCK	Coal seam, observed
62K	0.0	On Site	ROCK	Coal seam, observed
63L	0.0	On Site	ROCK	Coal seam, observed
64K	0.0	On Site	ROCK	Coal seam, observed
65L	0.0	On Site	ROCK	Coal seam, observed
66M	0.0	On Site	ROCK	Coal seam, observed
67	0.0	On Site	ROCK	Coal seam, observed
68M	0.0	On Site	ROCK	Coal seam, observed
69	0.0	On Site	ROCK	Coal seam, observed
70N	0.0	On Site	ROCK	Coal seam, observed
71	0.0	On Site	ROCK	Coal seam, observed
72N	0.0	On Site	FOSSIL_HORIZON	Marine band
73	0.0	On Site	FAULT	Fault, observed, displacement unknown
74	0.0	On Site	ROCK	Coal seam, inferred
75O	4.0	S	ROCK	Coal seam, inferred
76Q	41.0	NE	ROCK	Coal seam, inferred
77O	52.0	S	ROCK	Coal seam, observed
78P	56.0	S	ROCK	Coal seam, inferred
79	57.0	SE	ROCK	Coal seam, observed
80R	106.0	NW	ROCK	Coal seam, observed
81S	106.0	S	ROCK	Coal seam, inferred
82P	109.0	S	ROCK	Coal seam, inferred
83Q	125.0	NE	ROCK	Coal seam, inferred
84	125.0	NE	ROCK	Coal seam, inferred
85R	149.0	NW	ROCK	Coal seam, observed
86	160.0	S	FOSSIL_HORIZON	Marine band
87S	164.0	S	ROCK	Coal seam, inferred
88	179.0	NW	FOSSIL_HORIZON	Marine band
89	183.0	S	ROCK	Coal seam, inferred
90T	201.0	NW	FAULT	Fault, inferred, displacement unknown
91	202.0	NE	ROCK	Coal seam, observed
92S	221.0	S	ROCK	Coal seam, inferred
93	261.0	NE	FOSSIL_HORIZON	Marine band
94T	278.0	N	ROCK	Coal seam, inferred
95W	301.0	NW	ROCK	Coal seam, inferred
96	306.0	N	FAULT	Fault, observed, displacement unknown
97	312.0	NW	ROCK	Coal seam, inferred
98U	334.0	NE	FOSSIL_HORIZON	Marine band
99	343.0	S	FAULT	Fault, inferred, displacement unknown
100V	357.0	NW	ROCK	Coal seam, inferred
101	370.0	N	FAULT	Fault, inferred, displacement unknown

ID	Distance	Direction	Category Description	Feature Description
102V	391.0	NW	ROCK	Coal seam, inferred
103W	393.0	NW	ROCK	Coal seam, observed
104	395.0	S	FAULT	Fault, inferred, displacement unknown
105	405.0	E	FAULT	Fault, inferred, displacement unknown
106	409.0	E	ROCK	Coal seam, inferred
107X	432.0	SE	ROCK	Coal seam, inferred
108X	444.0	SE	ROCK	Coal seam, inferred
109	465.0	N	FOSSIL_HORIZON	Marine band
110U	484.0	NE	FOSSIL_HORIZON	Marine band
111U	499.0	NE	ROCK	Coal seam, inferred

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 scale.

This Geology shows the main components as discrete layers, these are: Bedrock/Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nation wide coverage.

3 Radon Data

3.1 Radon Affected Areas

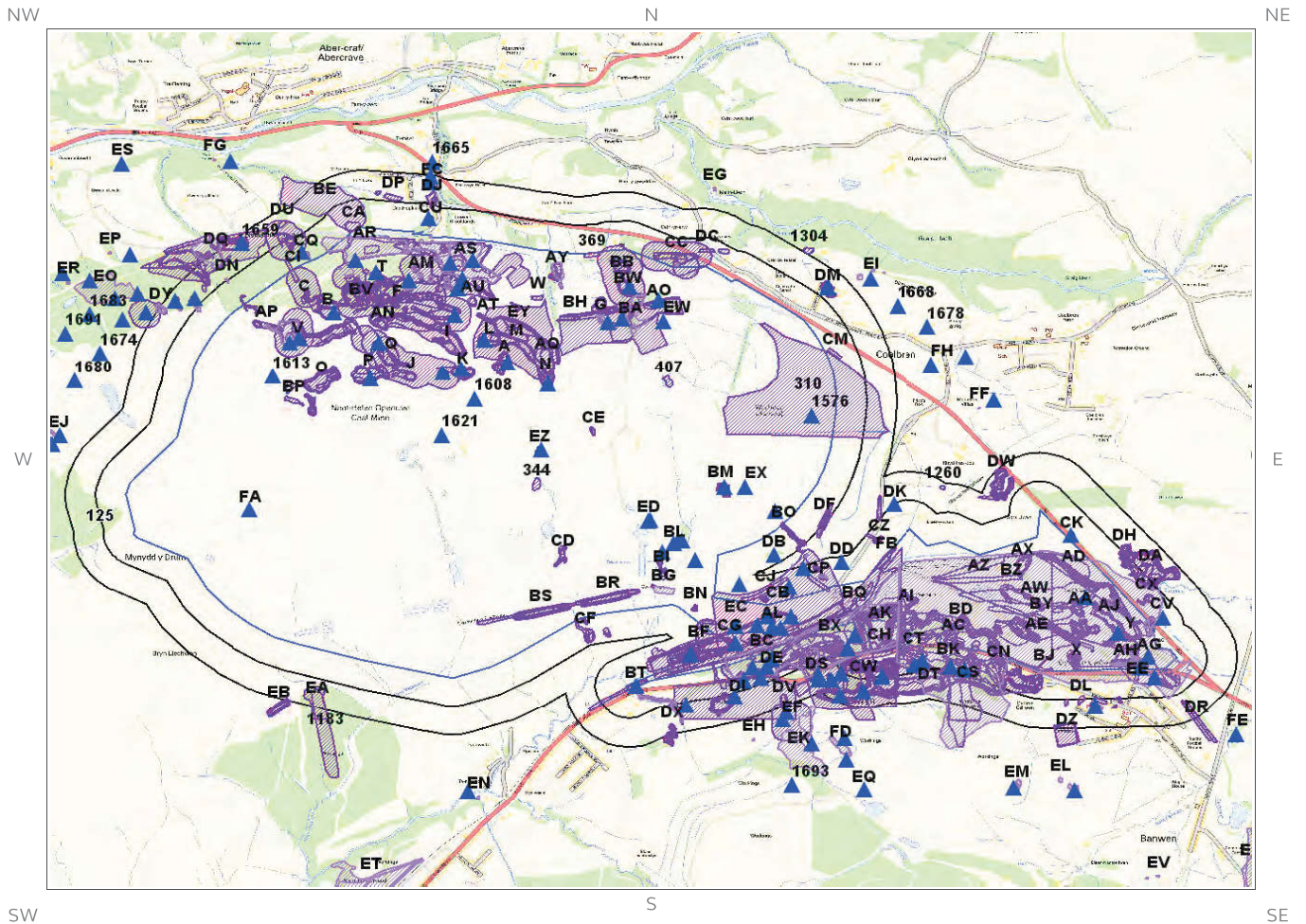
Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The property is in a Radon Affected Area, as between 1 and 3% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

3.2 Radon Protection

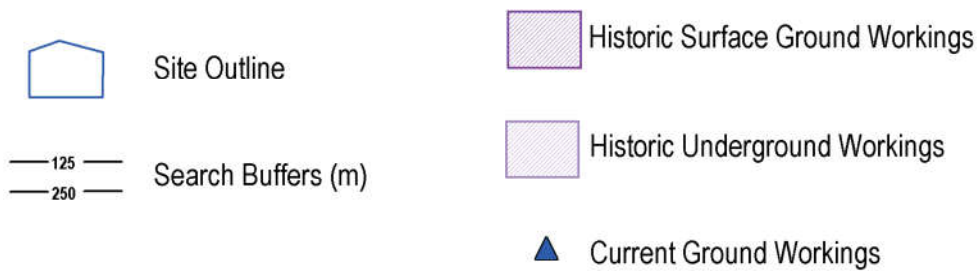
Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? No radon protective measures are necessary.

4 Ground Workings map



Ground Workings Legend

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4 Ground Workings

4.1 Historical Surface Ground Working Features derived from Historical Mapping

This dataset is based on Groundsure's unique Historical Land Use Database derived from 1:10,560 and 1:10,000 scale historical mapping

Are there any Historical Surface Ground Working Features within 250m of the study site boundary? Yes

ID	Distance (m)	Direction	NGR	Use	Date
1C	0.0	On Site	281896 211838	Unspecified Pit	1948
2B	0.0	On Site	281987 211776	Unspecified Pit	1948
3T	0.0	On Site	282212 211920	Unspecified Ground Workings	1948
4D	0.0	On Site	282166 211895	Unspecified Ground Workings	1948
5S	0.0	On Site	282105 211908	Unspecified Ground Workings	1948
6F	0.0	On Site	282277 211813	Unspecified Pit	1948
7U	0.0	On Site	282491 211904	Unspecified Ground Workings	1948
8E	0.0	On Site	282396 211774	Unspecified Ground Workings	1948
9Q	0.0	On Site	282248 211590	Unspecified Ground Workings	1948
10L	0.0	On Site	282661 211652	Unspecified Pit	1948
11M	0.0	On Site	282815 211624	Unspecified Ground Workings	1948
12N	0.0	On Site	282892 211494	Unspecified Pit	1948
13G	0.0	On Site	283122 211755	Unspecified Pit	1948
14I	0.0	On Site	282478 211636	Unspecified Pit	1948
15K	0.0	On Site	282554 211514	Unspecified Ground Workings	1948
16O	0.0	On Site	281966 211484	Unspecified Ground Workings	1948
17P	0.0	On Site	282164 211508	Unspecified Ground Workings	1948
18H	0.0	On Site	281986 211695	Unspecified Ground Workings	1948
19A	0.0	On Site	282724 211575	Unspecified Ground Workings	1948
20A	0.0	On Site	282713 211522	Unspecified Pit	1948
21J	0.0	On Site	282338 211498	Unspecified Pit	1948

ID	Distance (m)	Direction	NGR	Use	Date
22B	0.0	On Site	281987 211776	Unspecified Pit	1903
23C	0.0	On Site	281896 211838	Unspecified Pit	1903
24R	0.0	On Site	281654 211801	Unspecified Ground Workings	1903
25D	0.0	On Site	282124 211862	Unspecified Pit	1903
26AM	0.0	On Site	282380 211935	Unspecified Pit	1903
27E	0.0	On Site	282396 211774	Unspecified Ground Workings	1903
28F	0.0	On Site	282273 211813	Unspecified Pit	1903
29F	0.0	On Site	282313 211798	Unspecified Pit	1903
30W	0.0	On Site	282861 211847	Unspecified Ground Workings	1903
31G	0.0	On Site	283130 211811	Unspecified Ground Workings	1903
32H	0.0	On Site	281986 211695	Unspecified Ground Workings	1903
33I	0.0	On Site	282478 211636	Unspecified Pit	1903
34AN	0.0	On Site	282211 211720	Unspecified Ground Workings	1903
35J	0.0	On Site	282338 211498	Unspecified Pit	1903
36K	0.0	On Site	282470 211507	Unspecified Pit	1903
37L	0.0	On Site	282661 211652	Unspecified Pit	1903
38M	0.0	On Site	282815 211624	Unspecified Ground Workings	1903
39N	0.0	On Site	282892 211494	Unspecified Pit	1903
40A	0.0	On Site	282724 211575	Unspecified Ground Workings	1903
41A	0.0	On Site	282713 211522	Unspecified Pit	1903
42K	0.0	On Site	282554 211514	Unspecified Ground Workings	1903
43O	0.0	On Site	281966 211484	Unspecified Ground Workings	1903
44P	0.0	On Site	282164 211508	Unspecified Ground Workings	1903
45AT	0.0	On Site	282651 211756	Unspecified Ground Workings	1903
46Q	0.0	On Site	282263 211585	Unspecified Ground Workings	1903
47R	0.0	On Site	281704 211793	Unspecified Ground Workings	1877
48S	0.0	On Site	282047 211976	Old Coal Level	1877
49T	0.0	On Site	282168 211954	Old Coal Level	1877
50AV	0.0	On Site	282350 212069	Unspecified Ground Workings	1877

ID	Distance (m)	Direction	NGR	Use	Date
51D	0.0	On Site	282163 211836	Unspecified Pit	1877
52U	0.0	On Site	282506 211890	Old Coal Level	1877
53V	0.0	On Site	281868 211655	Old Coal Level	1877
54H	0.0	On Site	281893 211637	Old Coal Level	1877
55V	0.0	On Site	281879 211669	Unspecified Pit	1877
56V	0.0	On Site	281846 211646	Unspecified Pit	1877
57AP	0.0	On Site	281704 211724	Unspecified Ground Workings	1877
58O	0.0	On Site	281966 211484	Unspecified Ground Workings	1877
59W	0.0	On Site	282782 211804	Unspecified Pit	1877
60AD	0.0	On Site	285082 210657	Unspecified Ground Workings	1948
61AB	0.0	On Site	285265 210535	Unspecified Ground Workings	1948
62AJ	0.0	On Site	285231 210443	Unspecified Pit	1948
63X	0.0	On Site	285098 210246	Unspecified Pit	1948
64AH	0.0	On Site	285296 210247	Unspecified Pit	1948
65AF	0.0	On Site	285096 210401	Unspecified Ground Workings	1948
66X	0.0	On Site	285090 210281	Unspecified Ground Workings	1948
67Y	0.0	On Site	285314 210362	Unspecified Ground Workings	1948
68Y	0.0	On Site	285404 210409	Old Coal Level	1948
69AA	0.0	On Site	285121 210463	Unspecified Pit	1948
70Z	0.0	On Site	284746 210333	Unspecified Ground Workings	1948
71Z	0.0	On Site	284676 210315	Unspecified Pit	1948
72AC	0.0	On Site	284589 210354	Unspecified Ground Workings	1948
73AE	0.0	On Site	284933 210359	Unspecified Pit	1948
74AA	0.0	On Site	285143 210530	Unspecified Pit	1903
75Z	0.0	On Site	284676 210315	Unspecified Pit	1903
76AA	0.0	On Site	285108 210475	Unspecified Pit	1903
77X	0.0	On Site	285088 210244	Unspecified Pit	1903
78AB	0.0	On Site	285244 210511	Old Coal Level	1903
79AI	0.0	On Site	284377 210483	Unspecified Ground Workings	1903

ID	Distance (m)	Direction	NGR	Use	Date
80AC	0.0	On Site	284558 210351	Unspecified Ground Workings	1903
81AG	0.0	On Site	285402 210270	Old Coal Level	1903
82AD	0.0	On Site	285184 210590	Unspecified Pit	1903
83AD	0.0	On Site	285080 210657	Unspecified Pit	1903
84AE	0.0	On Site	284883 210391	Unspecified Ground Workings	1903
85AF	0.0	On Site	285029 210382	Unspecified Ground Workings	1903
86AG	0.0	On Site	285328 210258	Old Coal Pit	1903
87X	0.0	On Site	285088 210244	Unspecified Pit	1877
88Y	0.0	On Site	285323 210294	Unspecified Pit	1877
89AH	0.0	On Site	285277 210244	Unspecified Pit	1877
90AA	0.0	On Site	285134 210534	Unspecified Pit	1877
91AD	0.0	On Site	285130 210613	Unspecified Ground Workings	1877
92AI	0.0	On Site	284392 210465	Unspecified Ground Workings	1877
93BK	0.0	On Site	284570 210257	Unspecified Ground Workings	1877
94BD	0.0	On Site	284625 210426	Unspecified Ground Workings	1877
95AE	0.0	On Site	284875 210398	Unspecified Pit	1877
96Z	0.0	On Site	284771 210391	Unspecified Ground Workings	1877
97AF	0.0	On Site	285041 210372	Unspecified Ground Workings	1877
98AJ	0.0	On Site	285256 210414	Unspecified Ground Workings	1877
99AF	0.0	On Site	285091 210398	Unspecified Ground Workings	1877
100X	0.0	On Site	285079 210280	Unspecified Ground Workings	1877
101A A	0.0	On Site	285090 210482	Unspecified Pit	1877
102AB	0.0	On Site	285274 210484	Unspecified Ground Workings	1877
103AK	0.0	On Site	284265 210405	Unspecified Ground Workings	1876
104BL	0.0	On Site	283429 210759	Old Coal Level	1901
105AL	0.0	On Site	283833 210404	Old Coal Pit	1901
106AI	0.0	On Site	284297 210482	Unspecified Ground Workings	1901
107AK	0.0	On Site	284227 210445	Unspecified Ground Workings	1901
108AL	0.0	On Site	283951 210352	Unspecified Ground Workings	1901

ID	Distance (m)	Direction	NGR	Use	Date
109C H	0.0	On Site	284294 210315	Unspecified Ground Workings	1901
110A A	0.0	On Site	285142 210529	Old Coal Level	1900
111A W	0.0	On Site	284929 210515	Unspecified Ground Workings	1900
112A H	0.0	On Site	285348 210272	Old Coal Level	1900
113A D	0.0	On Site	285078 210650	Unspecified Ground Workings	1900
114X	0.0	On Site	285096 210238	Unspecified Pit	1900
115AI	0.0	On Site	284377 210484	Unspecified Ground Workings	1900
116AE	0.0	On Site	284885 210389	Unspecified Pit	1900
117AF	0.0	On Site	285032 210381	Unspecified Ground Workings	1900
118C	0.0	On Site	281903 211872	Unspecified Heap	1948
119B	0.0	On Site	281995 211821	Unspecified Heap	1948
120S	0.0	On Site	282124 211941	Unspecified Old Level	1948
121A M	0.0	On Site	282495 211973	Unspecified Heap	1948
122U	0.0	On Site	282578 211838	Unspecified Old Level	1948
123F	0.0	On Site	282222 211846	Unspecified Heap	1948
124U	0.0	On Site	282458 211838	Unspecified Heap	1948
125E	0.0	On Site	282511 211800	Unspecified Heap	1948
126F	0.0	On Site	282317 211798	Unspecified Heap	1948
127U	0.0	On Site	282532 211884	Unspecified Heap	1948
128A U	0.0	On Site	282592 211832	Unspecified Heap	1948
129A O	0.0	On Site	283367 211817	Unspecified Heap	1948
130G	0.0	On Site	283168 211718	Old Coal Levels	1948
131G	0.0	On Site	283121 211813	Unspecified Heaps	1948
132E	0.0	On Site	282444 211717	Unspecified Heap	1948
133F	0.0	On Site	282196 211756	Unspecified Heap	1948
134A N	0.0	On Site	282224 211733	Unspecified Heap	1948
135M	0.0	On Site	282870 211636	Unspecified Heap	1948
136A Q	0.0	On Site	282904 211576	Unspecified Heaps	1948
137L	0.0	On Site	282723 211705	Unspecified Heaps	1948

ID	Distance (m)	Direction	NGR	Use	Date
138G	0.0	On Site	283151 211740	Unspecified Heap	1948
139G	0.0	On Site	283182 211723	Refuse Heap	1948
140G	0.0	On Site	283210 211753	Unspecified Heap	1948
141A O	0.0	On Site	283279 211732	Colliery	1948
142A M	0.0	On Site	282328 211899	Unspecified Old Levels	1948
143AR	0.0	On Site	282141 212051	Colliery	1948
144I	0.0	On Site	282524 211649	Unspecified Heap	1948
145AS	0.0	On Site	282568 212004	Colliery	1948
146A	0.0	On Site	282699 211533	Unspecified Heap	1948
147B U	0.0	On Site	282706 211966	Refuse Heap	1948
148AY	0.0	On Site	282938 211960	Refuse Heap	1948
149AP	0.0	On Site	281701 211730	Unspecified Heap	1948
150AP	0.0	On Site	281773 211715	Unspecified Heap	1948
151B	0.0	On Site	281995 211821	Unspecified Heap	1903
152C	0.0	On Site	281903 211872	Unspecified Heap	1903
153D	0.0	On Site	282110 211902	Unspecified Heap	1903
154D	0.0	On Site	282068 211883	Unspecified Heap	1903
155D	0.0	On Site	282216 211911	Unspecified Heaps	1903
156D	0.0	On Site	282222 211846	Unspecified Heap	1903
157D	0.0	On Site	282140 211829	Unspecified Heap	1903
158D	0.0	On Site	282193 211950	Unspecified Heap	1903
159E	0.0	On Site	282369 211826	Unspecified Heaps	1903
160A M	0.0	On Site	282331 211906	Unspecified Heap	1903
161A M	0.0	On Site	282487 211918	Unspecified Old Levels	1903
162BB	0.0	On Site	283210 211941	Unspecified Heaps	1903
163AP	0.0	On Site	281842 211662	Unspecified Old Levels	1903
164AP	0.0	On Site	281701 211730	Unspecified Heap	1903
165E	0.0	On Site	282444 211717	Unspecified Heap	1903
166I	0.0	On Site	282524 211649	Unspecified Heap	1903

ID	Distance (m)	Direction	NGR	Use	Date
167A	0.0	On Site	282699 211533	Unspecified Heap	1903
168M	0.0	On Site	282870 211636	Unspecified Heap	1903
169A Q	0.0	On Site	282904 211576	Unspecified Heaps	1903
170G	0.0	On Site	283210 211753	Unspecified Heap	1903
171G	0.0	On Site	283139 211746	Unspecified Old Levels	1903
172AR	0.0	On Site	282141 212051	Colliery	1903
173AS	0.0	On Site	282568 212004	Colliery	1903
174U	0.0	On Site	282531 211881	Unspecified Old Levels	1903
175AT	0.0	On Site	282712 211723	Unspecified Heap	1903
176M	0.0	On Site	282780 211693	Unspecified Heaps	1903
177H	0.0	On Site	281888 211646	Unspecified Old Levels	1903
178AP	0.0	On Site	281860 211719	Unspecified Heap	1903
179G	0.0	On Site	283209 211740	Unspecified Old Level	1903
180A N	0.0	On Site	282195 211756	Unspecified Heap	1903
181A U	0.0	On Site	282592 211829	Unspecified Heap	1903
182D	0.0	On Site	282103 211900	Unspecified Heaps	1877
183D	0.0	On Site	282226 211929	Unspecified Heaps	1877
184A M	0.0	On Site	282326 211907	Unspecified Heaps	1877
185D	0.0	On Site	282213 211846	Unspecified Heap	1877
186A U	0.0	On Site	282593 211831	Unspecified Heap	1877
187BA	0.0	On Site	283247 211737	Unspecified Heap	1877
188A M	0.0	On Site	282367 211948	Coal Levels	1877
189A M	0.0	On Site	282352 211932	Coal Levels	1877
190A V	0.0	On Site	282478 212034	Colliery	1877
191H	0.0	On Site	281877 211713	Unspecified Heap	1877
192A X	0.0	On Site	284875 210683	Unspecified Heap	1948
193AE	0.0	On Site	284964 210308	Colliery	1948
194AZ	0.0	On Site	284693 210618	Refuse Heap	1948
195AE	0.0	On Site	284865 210414	Refuse Heaps	1948

ID	Distance (m)	Direction	NGR	Use	Date
196A W	0.0	On Site	284895 210544	Refuse Heap	1948
197A A	0.0	On Site	285133 210406	Unspecified Heaps	1948
198AF	0.0	On Site	285132 210400	Unspecified Heap	1903
199X	0.0	On Site	285091 210275	Unspecified Heap	1903
200A X	0.0	On Site	284875 210683	Unspecified Heap	1903
201Y	0.0	On Site	285244 210337	Unspecified Heap	1903
202A X	0.0	On Site	284875 210683	Unspecified Heap	1877
203A A	0.0	On Site	285123 210408	Unspecified Heap	1877
204AF	0.0	On Site	285163 210395	Unspecified Heap	1877
205Y	0.0	On Site	285401 210426	Unspecified Heap	1877
206Y	0.0	On Site	285344 210426	Unspecified Heap	1877
207BC	0.0	On Site	283791 210282	Unspecified Heap	1876
208AK	0.0	On Site	284139 210397	Colliery	1901
209AK	0.0	On Site	284333 210428	Unspecified Heap	1901
210A X	0.0	On Site	284881 210673	Unspecified Heap	1900
211Y	0.0	On Site	285214 210333	Unspecified Heap	1900
212X	0.0	On Site	285090 210275	Unspecified Heap	1900
213AC	0.0	On Site	284502 210419	Brick Works	1948
214Y	0.0	On Site	285391 210419	Unspecified Disused Level	1962
215X	0.0	On Site	285100 210240	Unspecified Heap	1962
216Y	0.0	On Site	285410 210388	Unspecified Ground Workings	1962
217X	0.0	On Site	285094 210276	Unspecified Ground Workings	1962
218AF	0.0	On Site	285136 210325	Unspecified Ground Workings	1962
219A A	0.0	On Site	285022 210482	Unspecified Pit	1962
220AJ	0.0	On Site	285211 210426	Unspecified Ground Workings	1962
221A G	0.0	On Site	285345 210264	Unspecified Ground Workings	1962
222A G	0.0	On Site	285388 210245	Unspecified Ground Workings	1962
223A D	0.0	On Site	285108 210612	Refuse Heap	1977
224AE	0.0	On Site	285055 210356	Refuse Heap	1977

ID	Distance (m)	Direction	NGR	Use	Date
225Y	0.0	On Site	285298 210334	Refuse Heap	1977
226BE	0.0	On Site	281976 212255	Refuse Heap	1965
227AR	0.0	On Site	282177 212057	Refuse Heap	1965
228C	0.0	On Site	281905 211873	Unspecified Heap	1965
229AY	0.0	On Site	282949 211962	Unspecified Disused Drift	1965
230AZ	0.0	On Site	284757 210595	Refuse Heap	1965
231AE	0.0	On Site	284883 210328	Refuse Heap	1965
232V	0.0	On Site	281808 211693	Unspecified Disused Levels	1965
233D	0.0	On Site	282083 211958	Unspecified Disused Level	1965
234A M	0.0	On Site	282328 211908	Unspecified Disused Levels	1965
235A M	0.0	On Site	282382 211942	Unspecified Disused Levels	1965
236U	0.0	On Site	282422 211928	Unspecified Disused Levels	1965
237A M	0.0	On Site	282362 211979	Unspecified Disused Levels	1965
238Q	0.0	On Site	282229 211603	Unspecified Heaps	1965
239B	0.0	On Site	281994 211822	Unspecified Heap	1965
240A N	0.0	On Site	282194 211762	Unspecified Heap	1965
241D	0.0	On Site	282109 211904	Unspecified Heap	1965
242D	0.0	On Site	282216 211853	Unspecified Heap	1965
243F	0.0	On Site	282349 211851	Unspecified Heaps	1965
244D	0.0	On Site	282228 211932	Unspecified Heaps	1965
245BA	0.0	On Site	283137 211748	Unspecified Disused Levels	1965
246G	0.0	On Site	283211 211754	Unspecified Disused Levels	1965
247A U	0.0	On Site	282592 211832	Unspecified Heap	1965
248AS	0.0	On Site	282495 211976	Unspecified Heap	1965
249U	0.0	On Site	282495 211912	Unspecified Heaps	1965
250U	0.0	On Site	282456 211838	Unspecified Heap	1965
251A U	0.0	On Site	282500 211800	Unspecified Heaps	1965
252E	0.0	On Site	282445 211719	Unspecified Heap	1965
253A	0.0	On Site	282719 211560	Unspecified Heaps	1965

ID	Distance (m)	Direction	NGR	Use	Date
254L	0.0	On Site	282756 211709	Unspecified Heaps	1965
255BB	0.0	On Site	283206 212004	Unspecified Heap	1965
256BB	0.0	On Site	283227 211910	Unspecified Heap	1965
257G	0.0	On Site	283120 211816	Unspecified Heaps	1965
258A O	0.0	On Site	283368 211820	Unspecified Heap	1965
259A O	0.0	On Site	283248 211781	Unspecified Heap	1965
260Q	0.0	On Site	282160 211527	Unspecified Heaps	1965
261K	0.0	On Site	282558 211527	Unspecified Heap	1965
262B G	0.0	On Site	283390 210568	Unspecified Disused Level	1965
263AL	0.0	On Site	283891 210408	Unspecified Disused Level	1965
264BC	0.0	On Site	283686 210336	Unspecified Disused Level	1965
265BF	0.0	On Site	283506 210324	Unspecified Heaps	1965
266AK	0.0	On Site	284300 210399	Refuse Heap	1965
267AC	0.0	On Site	284455 210388	Refuse Heap	1965
268B D	0.0	On Site	284621 210429	Unspecified Heap	1965
269S	0.0	On Site	282162 211892	Unspecified Heap	1965
270A N	0.0	On Site	282222 211733	Unspecified Ground Workings	1965
271H	0.0	On Site	282001 211668	Unspecified Ground Workings	1965
272H	0.0	On Site	282014 211715	Unspecified Ground Workings	1965
273B	0.0	On Site	281989 211782	Unspecified Pit	1965
274A N	0.0	On Site	282363 211745	Unspecified Ground Workings	1965
275F	0.0	On Site	282231 211813	Unspecified Ground Workings	1965
276S	0.0	On Site	282124 211872	Unspecified Pit	1965
277S	0.0	On Site	282184 211865	Unspecified Pit	1965
278D	0.0	On Site	282233 211836	Unspecified Ground Workings	1965
279S	0.0	On Site	282069 211854	Unspecified Ground Workings	1965
280E	0.0	On Site	282385 211784	Unspecified Ground Workings	1965
281D	0.0	On Site	282126 211828	Unspecified Ground Workings	1965
282A U	0.0	On Site	282647 211855	Unspecified Ground Workings	1965

ID	Distance (m)	Direction	NGR	Use	Date
283E	0.0	On Site	282505 211760	Unspecified Pit	1965
284I	0.0	On Site	282478 211640	Unspecified Pit	1965
285I	0.0	On Site	282474 211658	Unspecified Ground Workings	1965
286I	0.0	On Site	282543 211650	Unspecified Ground Workings	1965
287L	0.0	On Site	282697 211665	Unspecified Ground Workings	1965
288AT	0.0	On Site	282650 211758	Unspecified Ground Workings	1965
289M	0.0	On Site	282890 211659	Unspecified Ground Workings	1965
290A Q	0.0	On Site	282892 211556	Unspecified Ground Workings	1965
291N	0.0	On Site	282885 211495	Unspecified Ground Workings	1965
292M	0.0	On Site	282819 211611	Unspecified Ground Workings	1965
293BB	0.0	On Site	283215 211974	Unspecified Pit	1965
294B W	0.0	On Site	283234 211869	Unspecified Pit	1965
295A O	0.0	On Site	283266 211838	Unspecified Pit	1965
296B H	0.0	On Site	283027 211766	Unspecified Ground Workings	1965
297O	0.0	On Site	281936 211489	Unspecified Ground Workings	1965
298Q	0.0	On Site	282288 211527	Unspecified Ground Workings	1965
299BI	0.0	On Site	283372 210658	Unspecified Ground Workings	1965
300BY	0.0	On Site	284967 210440	Unspecified Ground Workings	1965
301BJ	0.0	On Site	284952 210223	Unspecified Ground Workings	1965
302B D	0.0	On Site	284752 210354	Unspecified Ground Workings	1965
303B M	0.0	On Site	283616 211017	Unspecified Ground Workings	1965
304BE	0.0	On Site	281976 212255	Unspecified Disused Tip	1987
305AY	0.0	On Site	282949 211962	Unspecified Disused Drift	1987
306M	0.0	On Site	282765 211662	Refuse Heap	1987
307BA	0.0	On Site	283263 211727	Unspecified Disused Drift	1987
308BA	0.0	On Site	283214 211752	Unspecified Disused Levels	1987
309BA	0.0	On Site	283161 211737	Unspecified Disused Levels	1987
310	0.0	On Site	283892 211489	Unspecified Disused Workings	1987
311AL	0.0	On Site	283891 210408	Unspecified Disused Level	1987

ID	Distance (m)	Direction	NGR	Use	Date
312BF	0.0	On Site	283506 210324	Unspecified Heaps	1987
313BZ	0.0	On Site	284751 210569	Opencast Workings	1987
314B G	0.0	On Site	283390 210568	Unspecified Disused Level	1987
315EC	0.0	On Site	283683 210434	Unspecified Disused Level	1987
316BB	0.0	On Site	283215 211974	Unspecified Pit	1987
317B H	0.0	On Site	283030 211769	Unspecified Ground Workings	1987
318BI	0.0	On Site	283372 210658	Unspecified Ground Workings	1987
319BJ	0.0	On Site	284952 210223	Unspecified Ground Workings	1987
320AK	0.0	On Site	284297 210396	Refuse Heap	1987
321AE	0.0	On Site	284882 210336	Refuse Heap	1987
322BK	0.0	On Site	284657 210333	Unspecified Ground Workings	1876
323A X	0.0	On Site	284884 210679	Unspecified Heap	1876
324AJ	0.0	On Site	285158 210433	Unspecified Ground Workings	1876
325Y	0.0	On Site	285386 210407	Unspecified Ground Workings	1876
326A W	0.0	On Site	284879 210532	Unspecified Ground Workings	1876
327Z	0.0	On Site	284780 210391	Unspecified Ground Workings	1876
328BL	0.0	On Site	283369 210691	Unspecified Heap	1948
329BI	0.0	On Site	283391 210653	Unspecified Heap	1948
330B N	0.0	On Site	283513 210493	Unspecified Heap	1948
331BX	0.0	On Site	284270 210478	Colliery	1948
332BF	0.0	On Site	283592 210326	Refuse Heap	1948
333AL	0.0	On Site	283836 210441	Unspecified Heap	1948
334AL	0.0	On Site	283883 210399	Unspecified Slant	1948
335AL	0.0	On Site	283927 210433	Refuse Heap	1948
336AL	0.0	On Site	283869 210401	Refuse Heap	1948
337BL	0.0	On Site	283378 210737	Old Coal Level	1948
338B G	0.0	On Site	283343 210584	Unspecified Pit	1948
339AI	0.0	On Site	284270 210412	Unspecified Ground Workings	1948
340AL	0.0	On Site	283757 210351	Unspecified Ground Workings	1948

ID	Distance (m)	Direction	NGR	Use	Date
341B O	0.0	On Site	283889 210844	Unspecified Ground Workings	1948
342B M	0.0	On Site	283636 211006	Unspecified Ground Workings	1948
343BL	0.0	On Site	283425 210758	Coal Level	1903
344	0.0	On Site	282860 211029	Refuse Heap	1903
345AL	0.0	On Site	283739 210367	Unspecified Heap	1903
346AI	0.0	On Site	284323 210418	Unspecified Heap	1903
347B M	0.0	On Site	283631 211010	Unspecified Pit	1903
348BT	0.0	On Site	283271 210143	Old Coal Level	1903
349C D	0.0	On Site	282966 210721	Refuse Heap	1903
350BC	0.0	On Site	283792 210280	Unspecified Heap	1877
351AL	0.0	On Site	283909 210361	Unspecified Heap	1877
352B M	0.0	On Site	283644 210991	Unspecified Heap	1877
353B N	0.0	On Site	283517 210491	Unspecified Heap	1877
354AL	0.0	On Site	283834 210407	Old Coal Pit	1877
355AK	0.0	On Site	284264 210405	Unspecified Ground Workings	1877
356BL	0.0	On Site	283425 210758	Old Coal Level	1877
357B O	0.0	On Site	283900 210826	Unspecified Ground Workings	1877
358CL	0.0	On Site	283604 210195	Unspecified Ground Workings	1877
359B M	0.0	On Site	283628 211012	Unspecified Pit	1877
360B M	0.0	On Site	283651 211006	Unspecified Ground Workings	1877
361BP	0.0	On Site	281855 211393	Unspecified Pit	1877
362AS	0.0	On Site	282552 211933	Unspecified Drift	1948
363W	0.0	On Site	282961 211903	Unspecified Drift	1948
364AS	0.0	On Site	282462 212011	Unspecified Drift	1948
365D	0.0	On Site	282153 211963	Reservoir	1903
366AS	0.0	On Site	282556 211936	Unspecified Drift	1903
367AS	0.0	On Site	282560 211990	Unspecified Drift	1903
368B	0.0	On Site	281977 211811	Unspecified Old Quarry	1877
369	0.0	On Site	283089 212034	Cuttings	1877

ID	Distance (m)	Direction	NGR	Use	Date
370BB	0.0	On Site	283210 211941	Unspecified Old Quarry	1877
371H	0.0	On Site	282000 211690	Unspecified Old Quarry	1877
372P	0.0	On Site	282164 211508	Unspecified Old Quarry	1877
373K	0.0	On Site	282522 211518	Unspecified Old Quarry	1877
374A	0.0	On Site	282719 211557	Unspecified Old Quarry	1877
375A Q	0.0	On Site	282866 211603	Unspecified Old Quarry	1877
376CI	0.0	On Site	281845 211965	Cuttings	1877
377AK	0.0	On Site	284204 210382	Cuttings	1876
378B Q	0.0	On Site	284174 210498	Pond	1876
379O	0.0	On Site	281913 211410	Pond	1901
380BP	0.0	On Site	281938 211367	Pond	1901
381CE	0.0	On Site	283092 211257	Pond	1901
382BS	0.0	On Site	282877 210477	Cuttings	1901
383BR	0.0	On Site	283152 210535	Cuttings	1901
384B Q	0.0	On Site	284175 210503	Pond	1901
385B Q	0.0	On Site	284075 210436	Pond	1901
386BJ	0.0	On Site	284997 210223	Pond	1900
387E	0.0	On Site	282450 211687	Unspecified Old Quarries	1877
388AJ	0.0	On Site	285250 210421	Unspecified Old Quarries	1903
389AJ	0.0	On Site	285263 210493	Unspecified Old Quarries	1900
390AJ	0.0	On Site	285246 210429	Unspecified Old Quarries	1900
391BK	0.0	On Site	284644 210266	Unspecified Old Quarries	1900
392A A	0.0	On Site	285108 210474	Unspecified Old Quarries	1900
393BR	0.0	On Site	283131 210527	Cuttings	1965
394BS	0.0	On Site	282876 210472	Cuttings	1965
395BP	0.0	On Site	281927 211372	Pond	1965
396O	0.0	On Site	282006 211485	Pond	1965
397P	0.0	On Site	282162 211485	Ponds	1965
398J	0.0	On Site	282336 211496	Pond	1965

ID	Distance (m)	Direction	NGR	Use	Date
399K	0.0	On Site	282563 211500	Pond	1965
400K	0.0	On Site	282473 211507	Pond	1965
401A V	0.0	On Site	282401 212053	Pond	1987
402EY	0.0	On Site	282787 211724	Pond	1987
403BP	0.0	On Site	281929 211383	Ponds	1987
404O	0.0	On Site	282016 211506	Pond	1987
405O	0.0	On Site	281966 211460	Pond	1987
406K	0.0	On Site	282470 211515	Pond	1987
407	0.0	On Site	283404 211478	Pond	1987
408B Q	0.0	On Site	284225 210560	Ponds	1987
409BR	0.0	On Site	283131 210527	Cuttings	1987
410BS	0.0	On Site	282876 210472	Cuttings	1987
411BR	0.0	On Site	283142 210535	Cuttings	1948
412BP	0.0	On Site	281933 211379	Ponds	1948
413BS	0.0	On Site	282878 210477	Cuttings	1948
414BR	0.0	On Site	283150 210535	Cuttings	1903
415BS	0.0	On Site	282878 210477	Cuttings	1903
416BP	0.0	On Site	281933 211379	Ponds	1903
417B Q	0.0	On Site	284173 210508	Pond	1903
418EZ	0.0	On Site	282875 211179	Unspecified Old Quarries	1877
419B Q	0.0	On Site	284173 210508	Pond	1877
420FA	0.0	On Site	281671 210910	Unspecified Old Quarry	1877
421BP	0.0	On Site	281933 211379	Ponds	1877
422FB	0.0	On Site	284309 210708	Cuttings	1877
423BS	0.0	On Site	282950 210492	Cuttings	1877
424CP	0.0	On Site	284028 210598	Cuttings	1877
425BT	0.0	On Site	283184 210109	Cuttings	1877
426AR	0.0	On Site	282085 212014	Colliery	1921
427AR	0.0	On Site	282117 212023	Unspecified Old Level	1921

ID	Distance (m)	Direction	NGR	Use	Date
428U	0.0	On Site	282579 211834	Unspecified Old Level	1921
429A M	0.0	On Site	282383 211935	Unspecified Old Levels	1921
430A M	0.0	On Site	282266 211905	Unspecified Old Levels	1921
431A M	0.0	On Site	282329 211893	Unspecified Old Levels	1921
432T	0.0	On Site	282224 211925	Unspecified Old Levels	1921
433A M	0.0	On Site	282423 211926	Unspecified Old Levels	1921
434AS	0.0	On Site	282519 211968	Colliery	1921
435R	0.0	On Site	281642 211833	Unspecified Ground Workings	1921
436CA	0.0	On Site	282097 212159	Unspecified Heap	1921
437A V	0.0	On Site	282300 212068	Unspecified Heap	1921
438S	0.0	On Site	282074 211882	Unspecified Heap	1921
439B	0.0	On Site	282068 211847	Unspecified Ground Workings	1921
440BV	0.0	On Site	282144 211824	Unspecified Heaps	1921
441F	0.0	On Site	282318 211795	Unspecified Pit	1921
442A U	0.0	On Site	282489 211898	Unspecified Ground Workings	1921
443A M	0.0	On Site	282363 211972	Unspecified Heap	1921
444U	0.0	On Site	282494 211970	Unspecified Heap	1921
445AS	0.0	On Site	282535 211998	Refuse Heap	1921
446A U	0.0	On Site	282593 211827	Unspecified Heap	1921
447AT	0.0	On Site	282791 211808	Unspecified Ground Workings	1921
448B U	0.0	On Site	282631 211973	Unspecified Heap	1921
449A U	0.0	On Site	282642 211889	Refuse Heap	1921
450BA	0.0	On Site	283181 211718	Old Coal Levels	1921
451BA	0.0	On Site	283152 211736	Old Coal Levels	1921
452BA	0.0	On Site	283209 211751	Old Coal Levels	1921
453B H	0.0	On Site	283122 211751	Old Coal Levels	1921
454B H	0.0	On Site	283121 211809	Old Coal Levels	1921
455O	0.0	On Site	281972 211483	Unspecified Heap	1921
456BP	0.0	On Site	281844 211449	Unspecified Heap	1921

ID	Distance (m)	Direction	NGR	Use	Date
457AP	0.0	On Site	281705 211788	Unspecified Pit	1921
458AP	0.0	On Site	281704 211732	Old Coal Levels	1921
459A N	0.0	On Site	282124 211709	Unspecified Ground Workings	1921
460K	0.0	On Site	282557 211514	Unspecified Ground Workings	1921
461A	0.0	On Site	282717 211553	Unspecified Ground Workings	1921
462S	0.0	On Site	282144 211888	Unspecified Ground Workings	1921
463BV	0.0	On Site	282117 211790	Unspecified Ground Workings	1921
464F	0.0	On Site	282257 211823	Unspecified Ground Workings	1921
465A V	0.0	On Site	282476 212060	Unspecified Heap	1921
466AY	0.0	On Site	282937 211957	Refuse Heap	1921
467BA	0.0	On Site	283342 211777	Colliery	1921
468BA	0.0	On Site	283232 211771	Refuse Heap	1921
469B W	0.0	On Site	283213 211938	Unspecified Ground Workings	1921
470V	0.0	On Site	281853 211691	Old Coal Levels	1921
471Q	0.0	On Site	282232 211600	Unspecified Ground Workings	1921
472P	0.0	On Site	282175 211509	Unspecified Ground Workings	1921
473E	0.0	On Site	282491 211696	Unspecified Ground Workings	1921
474A	0.0	On Site	282824 211610	Unspecified Ground Workings	1921
475B	0.0	On Site	282014 211795	Unspecified Ground Workings	1921
476B	0.0	On Site	281889 211852	Unspecified Ground Workings	1921
477S	0.0	On Site	282078 211936	Unspecified Old Level	1921
478BL	0.0	On Site	283379 210738	Old Coal Level	1921
479BI	0.0	On Site	283391 210653	Unspecified Heap	1921
480B G	0.0	On Site	283344 210586	Unspecified Pit	1921
481B M	0.0	On Site	283636 211006	Unspecified Ground Workings	1921
482B N	0.0	On Site	283513 210492	Unspecified Heap	1921
483BF	0.0	On Site	283632 210336	Colliery	1921
484BF	0.0	On Site	283546 210310	Refuse Heap	1921
485BX	0.0	On Site	284122 210432	Colliery	1921

ID	Distance (m)	Direction	NGR	Use	Date
486AL	0.0	On Site	283883 210398	Unspecified Slant	1921
487AL	0.0	On Site	283862 210401	Refuse Heap	1921
488AL	0.0	On Site	283836 210441	Unspecified Heap	1921
489AI	0.0	On Site	284271 210410	Unspecified Ground Workings	1921
490B O	0.0	On Site	283923 210803	Unspecified Pits	1921
491BI	0.0	On Site	283370 210691	Unspecified Heap	1921
492A X	0.0	On Site	284883 210674	Unspecified Heaps	1921
493A A	0.0	On Site	285145 210538	Old Coal Level	1921
494A A	0.0	On Site	285109 210480	Unspecified Pit	1921
495A D	0.0	On Site	285132 210592	Unspecified Ground Workings	1921
496AJ	0.0	On Site	285265 210419	Unspecified Ground Workings	1921
497X	0.0	On Site	285089 210262	Unspecified Ground Workings	1921
498BK	0.0	On Site	284576 210337	Unspecified Ground Workings	1921
499Z	0.0	On Site	284774 210395	Unspecified Pit	1921
500BY	0.0	On Site	284883 210394	Unspecified Ground Workings	1921
501AF	0.0	On Site	285033 210385	Unspecified Ground Workings	1921
502A G	0.0	On Site	285370 210231	Old Coal Pit	1921
503Y	0.0	On Site	285345 210314	Old Coal Level	1921
504A G	0.0	On Site	285335 210269	Unspecified Ground Workings	1921
505Y	0.0	On Site	285404 210409	Unspecified Ground Workings	1921
506BZ	0.0	On Site	284812 210532	Unspecified Ground Workings	1921
507AR	0.0	On Site	282085 212014	Colliery	1921
508AR	0.0	On Site	282117 212023	Unspecified Old Level	1921
509A U	0.0	On Site	282579 211834	Unspecified Old Level	1921
510AS	0.0	On Site	282537 211986	Unspecified Drift	1921
511U	0.0	On Site	282526 211924	Unspecified Drift	1921
512A M	0.0	On Site	282383 211935	Unspecified Old Levels	1921
513T	0.0	On Site	282266 211905	Unspecified Old Levels	1921
514A M	0.0	On Site	282329 211893	Unspecified Old Levels	1921

ID	Distance (m)	Direction	NGR	Use	Date
515T	0.0	On Site	282224 211925	Unspecified Old Levels	1921
516U	0.0	On Site	282423 211926	Unspecified Old Levels	1921
517AS	0.0	On Site	282519 211968	Colliery	1921
518W	0.0	On Site	282962 211900	Unspecified Drift	1921
519A V	0.0	On Site	282457 212013	Unspecified Drift	1921
520R	0.0	On Site	281642 211833	Unspecified Ground Workings	1921
521CA	0.0	On Site	282097 212159	Unspecified Heap	1921
522A V	0.0	On Site	282300 212068	Unspecified Heap	1921
523S	0.0	On Site	282074 211882	Unspecified Heap	1921
524B	0.0	On Site	282068 211847	Unspecified Ground Workings	1921
525BV	0.0	On Site	282144 211824	Unspecified Heaps	1921
526F	0.0	On Site	282318 211795	Unspecified Pit	1921
527A U	0.0	On Site	282489 211898	Unspecified Ground Workings	1921
528A M	0.0	On Site	282363 211972	Unspecified Heap	1921
529U	0.0	On Site	282494 211970	Unspecified Heap	1921
530AS	0.0	On Site	282535 211998	Refuse Heap	1921
531A U	0.0	On Site	282593 211827	Unspecified Heap	1921
532AT	0.0	On Site	282791 211808	Unspecified Ground Workings	1921
533AS	0.0	On Site	282631 211973	Unspecified Heap	1921
534A U	0.0	On Site	282642 211889	Refuse Heap	1921
535BA	0.0	On Site	283181 211718	Old Coal Levels	1921
536BA	0.0	On Site	283152 211736	Old Coal Levels	1921
537BA	0.0	On Site	283209 211751	Old Coal Levels	1921
538B H	0.0	On Site	283122 211751	Old Coal Levels	1921
539B H	0.0	On Site	283121 211809	Old Coal Levels	1921
540O	0.0	On Site	281972 211483	Unspecified Heap	1921
541BP	0.0	On Site	281844 211449	Unspecified Heap	1921
542AP	0.0	On Site	281705 211788	Unspecified Pit	1921
543AP	0.0	On Site	281704 211732	Old Coal Levels	1921

ID	Distance (m)	Direction	NGR	Use	Date
544A N	0.0	On Site	282124 211709	Unspecified Ground Workings	1921
545K	0.0	On Site	282557 211514	Unspecified Ground Workings	1921
546A	0.0	On Site	282717 211553	Unspecified Ground Workings	1921
547S	0.0	On Site	282144 211888	Unspecified Ground Workings	1921
548BV	0.0	On Site	282117 211790	Unspecified Ground Workings	1921
549F	0.0	On Site	282257 211823	Unspecified Ground Workings	1921
550A V	0.0	On Site	282476 212060	Unspecified Heap	1921
551AY	0.0	On Site	282937 211957	Refuse Heap	1921
552BA	0.0	On Site	283342 211777	Colliery	1921
553BA	0.0	On Site	283232 211771	Refuse Heap	1921
554B W	0.0	On Site	283213 211938	Unspecified Ground Workings	1921
555V	0.0	On Site	281853 211691	Old Coal Levels	1921
556J	0.0	On Site	282339 211498	Pond	1921
557Q	0.0	On Site	282232 211600	Unspecified Ground Workings	1921
558P	0.0	On Site	282175 211509	Unspecified Ground Workings	1921
559E	0.0	On Site	282491 211696	Unspecified Ground Workings	1921
560A	0.0	On Site	282824 211610	Unspecified Ground Workings	1921
561B	0.0	On Site	282014 211795	Unspecified Ground Workings	1921
562B	0.0	On Site	281889 211852	Unspecified Ground Workings	1921
563S	0.0	On Site	282078 211936	Unspecified Old Level	1921
564BP	0.0	On Site	281931 211381	Ponds	1921
565BL	0.0	On Site	283379 210738	Old Coal Level	1921
566BI	0.0	On Site	283391 210653	Unspecified Heap	1921
567B G	0.0	On Site	283344 210586	Unspecified Pit	1921
568B M	0.0	On Site	283636 211006	Unspecified Ground Workings	1921
569BS	0.0	On Site	282882 210477	Cuttings	1921
570BR	0.0	On Site	283141 210536	Cuttings	1921
571B N	0.0	On Site	283513 210492	Unspecified Heap	1921
572BF	0.0	On Site	283632 210336	Colliery	1921

ID	Distance (m)	Direction	NGR	Use	Date
573BF	0.0	On Site	283546 210310	Refuse Heap	1921
574BX	0.0	On Site	284122 210432	Colliery	1921
575AL	0.0	On Site	283883 210398	Unspecified Slant	1921
576AL	0.0	On Site	283862 210401	Refuse Heap	1921
577AL	0.0	On Site	283836 210441	Unspecified Heap	1921
578AI	0.0	On Site	284271 210410	Unspecified Ground Workings	1921
579B O	0.0	On Site	283923 210803	Unspecified Pits	1921
580BI	0.0	On Site	283370 210691	Unspecified Heap	1921
581A X	0.0	On Site	284883 210674	Unspecified Heaps	1921
582A A	0.0	On Site	285145 210538	Old Coal Level	1921
583A A	0.0	On Site	285089 210504	Cuttings	1921
584A A	0.0	On Site	285109 210480	Unspecified Pit	1921
585A D	0.0	On Site	285132 210592	Unspecified Ground Workings	1921
586AJ	0.0	On Site	285265 210419	Unspecified Ground Workings	1921
587AC	0.0	On Site	284480 210370	Cuttings	1921
588X	0.0	On Site	285089 210262	Unspecified Ground Workings	1921
589BK	0.0	On Site	284576 210337	Unspecified Ground Workings	1921
590Z	0.0	On Site	284774 210395	Unspecified Pit	1921
591BY	0.0	On Site	284883 210394	Unspecified Ground Workings	1921
592AF	0.0	On Site	285033 210385	Unspecified Ground Workings	1921
593A G	0.0	On Site	285370 210231	Old Coal Pit	1921
594Y	0.0	On Site	285345 210314	Old Coal Level	1921
595A G	0.0	On Site	285335 210269	Unspecified Ground Workings	1921
596Y	0.0	On Site	285404 210409	Unspecified Ground Workings	1921
597BZ	0.0	On Site	284812 210532	Unspecified Ground Workings	1921
598CB	0.0	On Site	283859 210506	Disused Colliery	1948
599BX	0.0	On Site	284281 210351	Colliery	1903
600CB	0.0	On Site	283859 210506	Colliery	1903
601F	0.0	On Site	282351 211852	Unspecified Ground Workings	1948

ID	Distance (m)	Direction	NGR	Use	Date
602S	0.0	On Site	282126 211860	Unspecified Pit	1948
603T	0.0	On Site	282227 211879	Unspecified Old Levels	1948
604T	0.0	On Site	282272 211884	Unspecified Old Levels	1948
605BB	0.0	On Site	283210 211941	Unspecified Heaps	1948
606V	0.0	On Site	281855 211694	Old Coal Levels	1948
607CC	0.0	On Site	283442 212018	Colliery	1948
608S	0.0	On Site	282083 211941	Unspecified Old Level	1903
609A N	0.0	On Site	282148 211665	Unspecified Level	1903
610C	0.0	On Site	281894 211892	Unspecified Heaps	1877
611BV	0.0	On Site	282125 211821	Unspecified Heaps	1877
612A M	0.0	On Site	282385 211983	Unspecified Old Drift	1877
613Q	0.0	On Site	282206 211610	Coal Level	1877
614AS	0.0	On Site	282502 212012	Coal Drift	1877
615BX	0.0	On Site	284192 210389	Unspecified Drift	1948
616E	0.0	On Site	282402 211814	Unspecified Old Quarry	1877
617J	0.0	On Site	282269 211561	Unspecified Old Quarry	1877
618CC	0.0	On Site	283479 211984	Unspecified Drift	1948
619BP	0.0	On Site	281930 211360	Pond	1921
620BS	0.0	On Site	282886 210468	Cuttings	1921
621BR	0.0	On Site	283146 210527	Cuttings	1921
622BX	0.0	On Site	283992 210382	Colliery	1921
623BC	0.0	On Site	283731 210353	Colliery	1921
624B N	0.0	On Site	283514 210485	Unspecified Heap	1921
625BL	0.0	On Site	283379 210733	Old Coal Level	1921
626BF	0.0	On Site	283541 210292	Refuse Heap	1921
627B Q	0.0	On Site	284269 210457	Unspecified Ground Workings	1921
628AK	0.0	On Site	284322 210383	Unspecified Ground Workings	1921
629B M	0.0	On Site	283629 211006	Unspecified Ground Workings	1921
630B O	0.0	On Site	283908 210815	Unspecified Ground Workings	1921

ID	Distance (m)	Direction	NGR	Use	Date
631BI	0.0	On Site	283392 210646	Unspecified Heap	1921
632BI	0.0	On Site	283371 210685	Unspecified Heap	1921
633A X	0.0	On Site	284883 210679	Unspecified Heap	1921
634A D	0.0	On Site	285198 210596	Unspecified Ground Workings	1921
635AI	0.0	On Site	284402 210511	Unspecified Ground Workings	1921
636BY	0.0	On Site	284853 210405	Unspecified Ground Workings	1921
637X	0.0	On Site	285091 210271	Unspecified Ground Workings	1921
638AF	0.0	On Site	285036 210393	Unspecified Ground Workings	1921
639A A	0.0	On Site	285109 210486	Unspecified Pit	1921
640A G	0.0	On Site	285343 210284	Unspecified Ground Workings	1921
641A G	0.0	On Site	285404 210293	Old Coal Level	1921
642Y	0.0	On Site	285405 210414	Unspecified Ground Workings	1921
643AC	0.0	On Site	284683 210334	Unspecified Heap	1921
644AI	0.0	On Site	284386 210429	Unspecified Ground Workings	1921
645Z	0.0	On Site	284751 210353	Unspecified Ground Workings	1921
646AC	0.0	On Site	284578 210370	Unspecified Ground Workings	1921
647AC	0.0	On Site	284549 210396	Cuttings	1921
648Z	0.0	On Site	284777 210405	Unspecified Pit	1921
649BZ	0.0	On Site	284818 210540	Unspecified Ground Workings	1921
650AB	0.0	On Site	285145 210542	Unspecified Pit	1921
651Y	0.0	On Site	285266 210426	Unspecified Ground Workings	1921
652BK	0.0	On Site	284490 210230	Unspecified Ground Workings	1921
653C	0.0	On Site	281908 211861	Unspecified Ground Workings	1921
654A V	0.0	On Site	282294 212072	Unspecified Heap	1921
655AS	0.0	On Site	282459 212013	Unspecified Drift	1921
656U	0.0	On Site	282531 211883	Unspecified Old Level	1921
657U	0.0	On Site	282552 211938	Unspecified Drift	1921
658B U	0.0	On Site	282635 211900	Refuse Heap	1921
659U	0.0	On Site	282591 211833	Unspecified Heap	1921

ID	Distance (m)	Direction	NGR	Use	Date
660AS	0.0	On Site	282603 211983	Unspecified Ground Workings	1921
661W	0.0	On Site	282960 211904	Unspecified Drift	1921
662AY	0.0	On Site	282936 211964	Refuse Heap	1921
663G	0.0	On Site	283166 211720	Old Coal Levels	1921
664B H	0.0	On Site	283120 211758	Old Coal Levels	1921
665G	0.0	On Site	283150 211743	Unspecified Heap	1921
666G	0.0	On Site	283209 211758	Unspecified Ground Workings	1921
667BB	0.0	On Site	283217 211942	Unspecified Ground Workings	1921
668B H	0.0	On Site	283141 211806	Unspecified Ground Workings	1921
669A O	0.0	On Site	283288 211753	Colliery	1921
670AR	0.0	On Site	282194 212051	Colliery	1921
671A M	0.0	On Site	282385 211935	Unspecified Old Levels	1921
672A M	0.0	On Site	282349 211978	Unspecified Ground Workings	1921
673A M	0.0	On Site	282507 211936	Unspecified Ground Workings	1921
674AS	0.0	On Site	282508 212002	Refuse Heap	1921
675A M	0.0	On Site	282376 211941	Unspecified Ground Workings	1921
676A M	0.0	On Site	282326 211901	Unspecified Old Levels	1921
677U	0.0	On Site	282559 211969	Colliery	1921
678AS	0.0	On Site	282471 212064	Unspecified Heap	1921
679S	0.0	On Site	282110 211908	Unspecified Old Level	1921
680S	0.0	On Site	282168 211896	Unspecified Ground Workings	1921
681D	0.0	On Site	282124 211827	Unspecified Ground Workings	1921
682F	0.0	On Site	282228 211841	Unspecified Ground Workings	1921
683E	0.0	On Site	282456 211821	Unspecified Heaps	1921
684T	0.0	On Site	282262 211909	Unspecified Ground Workings	1921
685A Q	0.0	On Site	282863 211614	Unspecified Ground Workings	1921
686A	0.0	On Site	282714 211562	Unspecified Ground Workings	1921
687K	0.0	On Site	282552 211521	Unspecified Ground Workings	1921
688V	0.0	On Site	281844 211667	Old Coal Levels	1921

ID	Distance (m)	Direction	NGR	Use	Date
689V	0.0	On Site	281870 211688	Old Coal Levels	1921
690B	0.0	On Site	282010 211801	Unspecified Ground Workings	1921
691V	0.0	On Site	281803 211703	Unspecified Ground Workings	1921
692AP	0.0	On Site	281700 211735	Unspecified Heap	1921
693O	0.0	On Site	281967 211490	Unspecified Heap	1921
694P	0.0	On Site	282171 211515	Unspecified Ground Workings	1921
695J	0.0	On Site	282270 211572	Unspecified Ground Workings	1921
696E	0.0	On Site	282516 211689	Unspecified Ground Workings	1921
697F	0.0	On Site	282314 211800	Unspecified Pit	1921
698I	0.0	On Site	282475 211644	Unspecified Pit	1921
699S	0.0	On Site	282069 211889	Unspecified Heap	1921
700G	0.0	On Site	283181 211728	Unspecified Heap	1921
701BL	0.0	On Site	283383 210731	Old Coal Level	1921
702BS	0.0	On Site	282886 210471	Cuttings	1921
703BR	0.0	On Site	283146 210529	Cuttings	1921
704CB	0.0	On Site	283844 210432	Unspecified Heap	1921
705B N	0.0	On Site	283517 210483	Unspecified Heap	1921
706BF	0.0	On Site	283476 210302	Refuse Heap	1921
707BF	0.0	On Site	283637 210330	Colliery	1921
708B M	0.0	On Site	283636 210984	Unspecified Ground Workings	1921
709BP	0.0	On Site	281929 211371	Pond	1921
710C D	0.0	On Site	282960 210712	Refuse Heaps	1921
711AK	0.0	On Site	284328 210374	Unspecified Ground Workings	1921
712B Q	0.0	On Site	284276 210451	Unspecified Ground Workings	1921
713BX	0.0	On Site	284230 210438	Colliery	1921
714W	0.0	On Site	282961 211898	Unspecified Drift	1914
715B	0.0	On Site	281994 211794	Unspecified Ground Workings	1914
716S	0.0	On Site	282071 211867	Unspecified Ground Workings	1914
717O	0.0	On Site	281971 211482	Unspecified Heap	1914

ID	Distance (m)	Direction	NGR	Use	Date
718K	0.0	On Site	282554 211513	Unspecified Ground Workings	1914
719BB	0.0	On Site	283203 211938	Unspecified Ground Workings	1914
720B H	0.0	On Site	283143 211810	Unspecified Ground Workings	1914
721G	0.0	On Site	283209 211751	Unspecified Heap	1914
722E	0.0	On Site	282516 211683	Unspecified Ground Workings	1914
723A U	0.0	On Site	282594 211827	Unspecified Heap	1914
724E	0.0	On Site	282500 211795	Unspecified Ground Workings	1914
725F	0.0	On Site	282318 211794	Unspecified Pit	1914
726U	0.0	On Site	282459 211836	Unspecified Heap	1914
727F	0.0	On Site	282245 211835	Unspecified Ground Workings	1914
728AP	0.0	On Site	281705 211730	Unspecified Heap	1914
729Q	0.0	On Site	282208 211599	Unspecified Ground Workings	1914
730P	0.0	On Site	282175 211508	Unspecified Ground Workings	1914
731BV	0.0	On Site	282126 211818	Unspecified Ground Workings	1914
732C	0.0	On Site	281911 211854	Unspecified Ground Workings	1914
733AS	0.0	On Site	282517 211967	Colliery	1914
734AS	0.0	On Site	282475 212060	Unspecified Heap	1914
735A V	0.0	On Site	282299 212067	Unspecified Heap	1914
736U	0.0	On Site	282553 211931	Unspecified Drift	1914
737AS	0.0	On Site	282457 212012	Unspecified Drift	1914
738A M	0.0	On Site	282480 211970	Unspecified Ground Workings	1914
739A M	0.0	On Site	282383 211935	Unspecified Old Level	1914
740A M	0.0	On Site	282330 211891	Unspecified Old Level	1914
741A M	0.0	On Site	282423 211924	Unspecified Old Level	1914
742AR	0.0	On Site	282161 212047	Colliery	1914
743G	0.0	On Site	283205 211719	Colliery	1914
744V	0.0	On Site	281842 211690	Old Coal Levels	1914
745V	0.0	On Site	281897 211696	Unspecified Ground Workings	1914
746A M	0.0	On Site	282490 211900	Unspecified Ground Workings	1914

ID	Distance (m)	Direction	NGR	Use	Date
747U	0.0	On Site	282533 211879	Unspecified Old Level	1914
748A	0.0	On Site	282885 211604	Unspecified Ground Workings	1914
749A	0.0	On Site	282717 211555	Unspecified Ground Workings	1914
750B H	0.0	On Site	283121 211751	Old Coal Levels	1914
751G	0.0	On Site	283151 211736	Old Coal Levels	1914
752G	0.0	On Site	283166 211713	Old Coal Levels	1914
753A M	0.0	On Site	282367 211973	Unspecified Heaps	1914
754S	0.0	On Site	282123 211890	Unspecified Ground Workings	1914
755S	0.0	On Site	282113 211903	Unspecified Old Level	1914
756BY	0.0	On Site	284889 210385	Unspecified Ground Workings	1921
757Z	0.0	On Site	284778 210396	Unspecified Pit	1921
758A A	0.0	On Site	285147 210538	Old Coal Level	1921
759AF	0.0	On Site	285039 210384	Unspecified Ground Workings	1921
760A A	0.0	On Site	285112 210481	Unspecified Pit	1921
761Y	0.0	On Site	285267 210420	Unspecified Ground Workings	1921
762A X	0.0	On Site	284885 210672	Unspecified Heap	1921
763AB	0.0	On Site	285226 210521	Unspecified Ground Workings	1921
764Y	0.0	On Site	285406 210407	Unspecified Ground Workings	1921
765X	0.0	On Site	285092 210264	Unspecified Ground Workings	1921
766A G	0.0	On Site	285404 210284	Old Coal Level	1921
767A G	0.0	On Site	285370 210232	Old Coal Pit	1921
768A G	0.0	On Site	285345 210275	Unspecified Ground Workings	1921
769A A	0.0	On Site	285072 210502	Cuttings	1921
770AC	0.0	On Site	284657 210336	Unspecified Ground Workings	1921
771C D	0.0	On Site	282958 210718	Refuse Heap	1914
772B N	0.0	On Site	283514 210491	Unspecified Heap	1914
773CF	0.0	On Site	283059 210391	Unspecified Ground Workings	1914
774CE	0.0	On Site	283092 211261	Pond	1914
775B M	0.0	On Site	283623 211007	Unspecified Ground Workings	1914

ID	Distance (m)	Direction	NGR	Use	Date
776B O	0.0	On Site	283912 210815	Unspecified Ground Workings	1914
777BF	0.0	On Site	283493 210312	Refuse Heap	1914
778C G	0.0	On Site	283659 210352	Refuse Heap	1914
779AK	0.0	On Site	284324 210387	Unspecified Ground Workings	1914
780B Q	0.0	On Site	284271 210464	Unspecified Ground Workings	1914
781AI	0.0	On Site	284269 210482	Colliery	1914
782BC	0.0	On Site	283733 210348	Colliery	1914
783BP	0.0	On Site	281931 211374	Pond	1914
784BS	0.0	On Site	282883 210476	Cuttings	1914
785BR	0.0	On Site	283142 210535	Cuttings	1914
786C D	0.0	On Site	282958 210718	Refuse Heap	1914
787B N	0.0	On Site	283514 210491	Unspecified Heap	1914
788CF	0.0	On Site	283059 210391	Unspecified Ground Workings	1914
789CE	0.0	On Site	283092 211261	Pond	1914
790B M	0.0	On Site	283623 211007	Unspecified Ground Workings	1914
791B O	0.0	On Site	283912 210815	Unspecified Ground Workings	1914
792C G	0.0	On Site	283493 210312	Refuse Heap	1914
793C G	0.0	On Site	283659 210352	Refuse Heap	1914
794AK	0.0	On Site	284324 210387	Unspecified Ground Workings	1914
795B Q	0.0	On Site	284271 210464	Unspecified Ground Workings	1914
796AI	0.0	On Site	284269 210482	Colliery	1914
797BC	0.0	On Site	283733 210348	Colliery	1914
798BP	0.0	On Site	281931 211374	Pond	1914
799BS	0.0	On Site	282883 210476	Cuttings	1914
800BR	0.0	On Site	283142 210535	Cuttings	1914
801CF	2.0	S	283064 210431	Unspecified Pit	1921
802CF	2.0	S	283064 210431	Unspecified Pit	1921
803A G	2.0	S	285379 210212	Unspecified Ground Workings	1877
804CJ	2.0	N	283827 210573	Cuttings	1877

ID	Distance (m)	Direction	NGR	Use	Date
805AK	3.0	W	284189 210357	Unspecified Drift	1921
806C H	3.0	W	284344 210331	Unspecified Heap	1877
807BX	3.0	SE	284007 210304	Unspecified Disused Tip	1987
808CC	3.0	N	283351 212018	Colliery	1921
809B O	3.0	SE	283915 210805	Unspecified Ground Workings	1921
810CK	3.0	NE	285081 210803	Unspecified Old Quarry	1900
811A G	4.0	S	285478 210212	Cuttings	1962
812A G	4.0	S	285370 210223	Old Coal Level	1903
813C H	5.0	W	284183 210367	Unspecified Drift	1914
814C H	5.0	W	284183 210367	Unspecified Drift	1914
815A G	5.0	S	285368 210223	Old Coal Pit	1900
816CC	5.0	N	283442 211991	Unspecified Disused Drift	1987
817AC	5.0	S	284600 210309	Unspecified Heap	1948
818BX	5.0	SE	284003 210302	Unspecified Ground Workings	1921
819BX	5.0	SE	284003 210302	Unspecified Ground Workings	1921
820C H	5.0	W	284182 210368	Unspecified Drift	1921
821A H	6.0	S	285424 210190	Old Coal Level	1900
822CI	7.0	NW	281890 212030	Old Coal Level	1903
823CI	7.0	NW	281890 212030	Old Coal Level	1877
824BX	8.0	SE	283973 210301	Refuse Heap	1948
825CJ	8.0	N	283920 210548	Unspecified Heap	1921
826CC	8.0	N	283486 212017	Colliery	1921
827CC	8.0	N	283486 212017	Colliery	1921
828CB	8.0	N	283807 210521	Unspecified Ground Workings	1921
829CK	9.0	NE	285084 210808	Unspecified Old Quarry	1921
830BT	9.0	SE	283295 210108	Unspecified Ground Workings	1876
831CC	9.0	N	283475 212016	Colliery	1914
832CL	9.0	S	283648 210226	Old Coal Level	1948
833CL	9.0	S	283648 210226	Old Coal Level	1903

ID	Distance (m)	Direction	NGR	Use	Date
834CK	9.0	NE	285085 210807	Unspecified Quarry	1962
835CK	10.0	NE	285081 210811	Unspecified Old Quarry	1921
836BT	10.0	SE	283424 210059	Old Coal Level	1901
837CK	10.0	NE	285082 210808	Unspecified Old Quarry	1948
838C O	11.0	S	285507 210181	Unspecified Ground Workings	1877
839BX	11.0	SE	283915 210305	Refuse Heap	1914
840BX	11.0	SE	283915 210305	Refuse Heap	1914
841CC	11.0	N	283448 211998	Unspecified Drift	1914
842C M	12.0	NE	284095 211603	Cuttings	1903
843C M	12.0	NE	284095 211603	Cuttings	1877
844CC	12.0	N	283415 212028	Refuse Heap	1965
845CC	12.0	N	283449 211998	Drift	1921
846CC	12.0	N	283449 211998	Drift	1921
847C N	13.0	S	284773 210226	Unspecified Pit	1987
848C N	14.0	S	284709 210194	Unspecified Heaps	1965
849C N	14.0	S	284789 210210	Unspecified Ground Workings	1948
850CY	14.0	SE	283910 210296	Refuse Heaps	1921
851BX	15.0	SE	283973 210294	Refuse Heap	1965
852CJ	15.0	N	283798 210530	Unspecified Heaps	1877
853CL	15.0	S	283653 210221	Old Coal Level	1921
854CC	16.0	N	283449 212002	Unspecified Drift	1921
855CJ	17.0	N	283800 210530	Unspecified Heap	1948
856CS	17.0	S	284617 210148	Unspecified Disused Tip	1987
857C O	17.0	S	285349 210191	Cuttings	1921
858C H	17.0	S	284380 210294	Unspecified Heap	1921
859CT	18.0	S	284420 210297	Unspecified Heap	1903
860CB	19.0	N	283802 210532	Unspecified Ground Workings	1921
861CB	19.0	N	283802 210532	Unspecified Ground Workings	1921
862C N	19.0	S	284889 210188	Unspecified Ground Workings	1921

ID	Distance (m)	Direction	NGR	Use	Date
863CB	19.0	N	283802 210531	Unspecified Ground Workings	1914
864CB	19.0	N	283802 210531	Unspecified Ground Workings	1914
865C Q	19.0	NW	281898 212034	Unspecified Ground Workings	1914
866C O	19.0	S	285428 210186	Pond	1876
867C N	19.0	S	284801 210191	Unspecified Ground Workings	1903
868BC	20.0	S	283741 210237	Old Coal Level	1901
869CP	20.0	N	283912 210558	Unspecified Old Level	1948
870C O	20.0	S	285428 210187	Old Coal Pit	1921
871CP	21.0	N	283915 210559	Unspecified Pit	1914
872CP	21.0	N	283915 210559	Unspecified Pit	1914
873AB	21.0	NE	285372 210515	Pond	1948
874A H	21.0	S	285418 210185	Unspecified Pit	1877
875AB	21.0	NE	285371 210516	Pond	1921
876BX	22.0	S	284040 210301	Unspecified Ground Workings	1876
877BC	22.0	S	283742 210238	Unspecified Pit	1948
878BC	22.0	S	283742 210238	Unspecified Pit	1903
879CP	22.0	N	283913 210559	Unspecified Heap	1921
880CP	22.0	N	283913 210559	Unspecified Heap	1921
881BX	22.0	S	284071 210328	Unspecified Ground Workings	1877
882BC	22.0	SE	283830 210258	Refuse Heap	1921
883BC	22.0	SE	283830 210258	Refuse Heap	1921
884BC	22.0	S	283743 210238	Old Coal Level	1921
885BC	22.0	S	283743 210238	Old Coal Level	1921
886BK	24.0	S	284480 210216	Unspecified Ground Workings	1948
887C Q	25.0	NW	281896 212039	Unspecified Ground Workings	1921
888C Q	25.0	NW	281900 212038	Unspecified Ground Workings	1921
889C Q	25.0	NW	281900 212038	Unspecified Ground Workings	1921
890BC	25.0	SE	283829 210255	Refuse Heap	1914
891BC	25.0	SE	283829 210255	Refuse Heap	1914

ID	Distance (m)	Direction	NGR	Use	Date
892C O	25.0	S	285458 210169	Ponds	1921
893C O	26.0	S	285428 210180	Unspecified Pit	1962
894C O	28.0	S	285457 210168	Unspecified Pits	1948
895BC	28.0	S	283747 210232	Old Coal Level	1921
896C O	28.0	SE	285523 210170	Unspecified Heap	1900
897BJ	29.0	S	284888 210170	Unspecified Ground Workings	1921
898BJ	29.0	S	284888 210170	Unspecified Ground Workings	1921
899CR	31.0	SE	283429 210049	Unspecified Ground Workings	1914
900CR	31.0	SE	283429 210049	Unspecified Ground Workings	1914
901BK	31.0	S	284661 210263	Unspecified Heap	1948
902CP	31.0	N	284052 210617	Unspecified Pit	1921
903CS	31.0	S	284634 210145	Refuse Heap	1965
904C U	33.0	NE	282420 212178	Unspecified Pit	1914
905BC	34.0	SE	283837 210249	Refuse Heap	1921
906CT	34.0	S	284371 210277	Unspecified Heap	1948
907C H	34.0	S	284371 210277	Unspecified Heap	1903
908BJ	34.0	S	284882 210169	Unspecified Ground Workings	1877
909C U	35.0	NE	282422 212178	Unspecified Pit	1921
910C U	35.0	NE	282422 212178	Unspecified Pit	1921
911C U	35.0	NE	282417 212178	Unspecified Pit	1948
912C U	35.0	NE	282417 212178	Unspecified Pit	1903
913C U	36.0	NE	282418 212182	Unspecified Pit	1921
914C Q	36.0	NW	281820 212099	Unspecified Heaps	1877
915C U	37.0	NE	282419 212184	Unspecified Pit	1877
916C O	37.0	S	285429 210179	Old Coal Level	1903
917CP	37.0	N	284050 210625	Old Coal Pit	1877
918CP	37.0	N	284044 210622	Unspecified Pit	1921
919BC	38.0	S	283750 210230	Old Trial Drift	1914
920BC	38.0	S	283750 210230	Old Trial Drift	1914

ID	Distance (m)	Direction	NGR	Use	Date
921BK	40.0	S	284507 210218	Unspecified Old Quarries	1903
922C U	41.0	NE	282415 212173	Unspecified Old Level	1903
923CP	42.0	N	283908 210572	Unspecified Old Level	1921
924CL	43.0	S	283703 210202	Unspecified Heap	1948
925BK	43.0	SE	284451 210294	Unspecified Heap	1965
926BK	43.0	SE	284451 210294	Unspecified Heap	1987
927BX	43.0	W	284120 210306	Pond	1921
928C Q	43.0	NW	281874 212037	Old Coal Level	1921
929C Q	43.0	NW	281874 212037	Old Coal Level	1921
930CP	44.0	N	284047 210628	Unspecified Pit	1914
931CP	44.0	N	284047 210628	Unspecified Pit	1914
932CP	44.0	N	284047 210628	Unspecified Pit	1948
933CL	44.0	S	283705 210204	Unspecified Heap	1921
934CL	44.0	S	283705 210204	Unspecified Heap	1921
935CI	44.0	NW	281836 212017	Old Coal Level	1914
936DI	45.0	S	283680 210095	Unspecified Disused Workings	1987
937CP	45.0	N	284048 210628	Unspecified Pit	1921
938CP	45.0	N	284048 210628	Unspecified Pit	1921
939CL	45.0	S	283705 210201	Unspecified Pit	1914
940CL	45.0	S	283705 210201	Unspecified Pit	1914
941B O	45.0	SE	283922 210808	Unspecified Pit	1948
942BX	46.0	W	284113 210316	Pond	1914
943BX	46.0	W	284113 210316	Pond	1914
944CV	46.0	NE	285454 210446	Unspecified Disused Level	1977
945BX	46.0	W	284113 210312	Pond	1903
946BX	46.0	W	284113 210312	Pond	1877
947BX	46.0	W	284112 210317	Pond	1921
948C Q	47.0	NW	281873 212040	Old Coal Level	1948
949CL	47.0	S	283712 210200	Unspecified Ground Workings	1877

ID	Distance (m)	Direction	NGR	Use	Date
950CF	47.0	S	283093 210365	Unspecified Heap	1903
951CF	47.0	S	283093 210365	Unspecified Heap	1877
952C O	47.0	S	285457 210164	Unspecified Pit	1877
953C O	49.0	SE	285515 210180	Unspecified Heap	1921
954C O	49.0	SE	285515 210180	Unspecified Heap	1921
955C O	49.0	S	285469 210156	Unspecified Ground Workings	1962
956BX	49.0	W	284111 210314	Pond	1876
957BX	50.0	W	284068 210302	Unspecified Ground Workings	1901
958BX	50.0	W	284111 210311	Pond	1921
959BX	50.0	W	284106 210315	Pond	1901
960CI	50.0	NW	281832 212022	Old Coal Level	1921
961C W	51.0	SW	284190 210177	Unspecified Ground Workings	1876
962CV	51.0	NE	285459 210445	Old Coal Level	1921
963CV	51.0	NE	285459 210445	Old Coal Level	1921
964CV	52.0	NE	285460 210446	Old Coal Pit	1921
965CJ	52.0	N	283903 210581	Unspecified Old Level	1914
966CJ	52.0	N	283903 210581	Unspecified Old Level	1914
967CT	52.0	S	284449 210250	Unspecified Quarry	1876
968CX	52.0	NE	285390 210534	Unspecified Heap	1877
969C W	53.0	SW	284248 210173	Unspecified Ground Workings	1877
970CV	53.0	NE	285459 210450	Old Coal Level	1921
971C W	53.0	SW	284291 210174	Unspecified Old Quarry	1901
972CS	53.0	S	284600 210076	Refuse Heap	1948
973C U	53.0	NE	282417 212185	Old Coal Level	1877
974CX	53.0	NE	285401 210529	Unspecified Heap	1962
975C W	54.0	SW	284293 210175	Unspecified Old Quarry	1903
976CJ	54.0	N	283901 210582	Unspecified Old Level	1921
977CJ	54.0	N	283901 210582	Unspecified Old Level	1921
978CL	54.0	S	283712 210193	Unspecified Heap	1921

ID	Distance (m)	Direction	NGR	Use	Date
979CX	55.0	NE	285401 210531	Unspecified Heap	1921
980CX	55.0	NE	285401 210531	Unspecified Heap	1921
981BC	55.0	S	283766 210212	Unspecified Ground Workings	1921
982BC	55.0	S	283766 210212	Unspecified Ground Workings	1921
983CX	56.0	NE	285402 210532	Unspecified Heap	1948
984CX	56.0	NE	285404 210533	Unspecified Heap	1921
985CX	56.0	NE	285403 210535	Unspecified Heap	1921
986BC	57.0	S	283762 210211	Unspecified Ground Workings	1948
987CT	57.0	S	284411 210237	Unspecified Ground Workings	1965
988C W	57.0	S	284295 210171	Unspecified Ground Workings	1921
989C W	57.0	S	284295 210171	Unspecified Ground Workings	1921
990CY	58.0	SE	283990 210267	Unspecified Ground Workings	1877
991EE	58.0	S	285351 210164	Old Coal Level	1903
992C W	59.0	S	284241 210170	Unspecified Ground Workings	1914
993C W	59.0	S	284241 210170	Unspecified Ground Workings	1914
994C H	59.0	S	284340 210250	Unspecified Pit	1948
995CL	60.0	S	283668 210166	Unspecified Pit	1876
996D C	60.0	N	283566 212053	Cuttings	1877
997CY	60.0	SE	283986 210277	Unspecified Ground Workings	1914
998CY	60.0	SE	283986 210277	Unspecified Ground Workings	1914
999CZ	61.0	NW	284268 210782	Unspecified Heap	1948
1000C Z	61.0	NW	284262 210787	Unspecified Ground Workings	1914
1001C Z	61.0	NW	284262 210787	Unspecified Ground Workings	1914
1002C Z	61.0	NW	284274 210788	Unspecified Heaps	1921
1003C W	63.0	S	284245 210168	Unspecified Ground Workings	1921
1004C Z	64.0	NW	284276 210786	Unspecified Heaps	1921
1005C Z	64.0	NW	284276 210786	Unspecified Heaps	1921
1006C F	64.0	S	283151 210385	Unspecified Ground Workings	1921
1007C F	64.0	S	283151 210385	Unspecified Ground Workings	1921

ID	Distance (m)	Direction	NGR	Use	Date
1008C L	64.0	S	283669 210163	Unspecified Pit	1877
1009C T	65.0	S	284439 210224	Unspecified Old Quarries	1903
1010B J	66.0	S	284887 210161	Unspecified Heap	1948
1011C L	66.0	S	283712 210176	Unspecified Pit	1903
1012C Y	66.0	SE	283973 210272	Unspecified Ground Workings	1921
1013C L	66.0	S	283711 210174	Unspecified Pit	1901
1014C W	67.0	SW	284255 210161	Unspecified Ground Workings	1921
1015C Z	68.0	NW	284265 210783	Unspecified Heap	1877
1016C W	70.0	SW	284132 210236	Unspecified Ground Workings	1948
1017B J	71.0	S	284838 210164	Unspecified Ground Workings	1965
1018B J	71.0	S	284838 210164	Unspecified Ground Workings	1987
1019C L	71.0	S	283713 210175	Unspecified Heap	1876
1020C L	72.0	S	283714 210173	Unspecified Heap	1877
1021C W	72.0	S	284322 210220	Unspecified Heap	1877
1022C Y	72.0	SE	283977 210266	Unspecified Ground Workings	1921
1023C F	73.0	S	283082 210360	Unspecified Heap	1948
1024C L	73.0	S	283715 210172	Unspecified Pit	1921
1025C L	73.0	S	283715 210172	Unspecified Pit	1921
1026D A	74.0	NE	285412 210656	Unspecified Ground Workings	1876
1027C L	74.0	S	283713 210171	Unspecified Pit	1948
1028D A	74.0	NE	285407 210669	Unspecified Ground Workings	1962
1029C L	75.0	S	283715 210171	Unspecified Pit	1914
1030C L	75.0	S	283715 210171	Unspecified Pit	1914
1031C Q	77.0	NW	281854 212085	Unspecified Ground Workings	1914
1032C P	78.0	N	284027 210655	Unspecified Pit	1921
1033D A	78.0	NE	285407 210671	Unspecified Ground Workings	1921
1034D A	78.0	NE	285407 210671	Unspecified Ground Workings	1921
1035C L	78.0	S	283718 210168	Unspecified Heap	1921
1036C W	79.0	S	284293 210172	Unspecified Pit	1948

ID	Distance (m)	Direction	NGR	Use	Date
1037C Q	79.0	NW	281824 212093	Unspecified Ground Workings	1965
1038C F	80.0	S	283151 210376	Unspecified Heap	1948
1039C Q	80.0	NW	281801 212095	Unspecified Ground Workings	1921
1040C Q	80.0	NW	281801 212095	Unspecified Ground Workings	1921
1041C Q	81.0	NW	281837 212089	Unspecified Ground Workings	1921
1042C Z	82.0	NW	284245 210802	Unspecified Pit	1877
1043D A	82.0	NE	285302 210697	Unspecified Pit	1877
1044D B	82.0	SE	283841 210717	Old Clay Pit	1877
1045D A	83.0	NE	285413 210665	Unspecified Ground Workings	1877
1046D B	83.0	SE	283845 210715	Unspecified Pit	1948
1047D C	83.0	NE	283636 212050	Cuttings	1877
1048D B	84.0	SE	283843 210714	Old Clay Pit	1901
1049D D	84.0	N	284123 210683	Disused Old Coal Pit	1877
1050D D	84.0	N	284121 210677	Old Coal Pit	1901
1051C L	84.0	S	283722 210162	Unspecified Pit	1921
1052C P	85.0	N	284019 210659	Unspecified Heap	1921
1053D E	85.0	S	283832 210210	Old Trial Drift	1948
1054D E	86.0	S	283834 210211	Old Trial Drift	1921
1055D E	86.0	S	283834 210211	Old Trial Drift	1921
1056D E	86.0	S	283784 210190	Unspecified Drift	1876
1057C W	86.0	SW	284149 210124	Refuse Heap	1965
1058C F	86.0	S	283151 210370	Unspecified Ground Workings	1921
1059C Q	87.0	NW	281833 212087	Unspecified Heaps	1903
1060D A	88.0	NE	285406 210665	Unspecified Ground Workings	1948
1061D A	88.0	NE	285406 210665	Unspecified Ground Workings	1903
1062D A	89.0	NE	285424 210663	Unspecified Ground Workings	1900
1063D E	90.0	S	283787 210186	Unspecified Drift	1877
1064D A	90.0	NE	285294 210697	Ponds	1977
1065C P	91.0	N	284022 210666	Unspecified Pit	1914

ID	Distance (m)	Direction	NGR	Use	Date
1066C P	91.0	N	284022 210666	Unspecified Pit	1914
1067D E	91.0	S	283835 210206	Old Trial Drift	1921
1068C P	91.0	N	284022 210666	Unspecified Pit	1948
1069C P	91.0	N	284022 210665	Unspecified Pit	1921
1070C P	91.0	N	284022 210665	Unspecified Pit	1921
1071D B	91.0	SE	283849 210710	Unspecified Pit	1921
1072D A	93.0	NE	285407 210627	Unspecified Ground Workings	1921
1073D B	95.0	SE	283957 210777	Unspecified Pit	1877
1074D B	95.0	SE	283957 210778	Unspecified Pit	1948
1075D F	95.0	SE	284053 210879	Cuttings	1921
1076D F	96.0	SE	284053 210876	Cuttings	1877
1077D A	100.0	NE	285416 210629	Unspecified Ground Workings	1921
1078D A	100.0	NE	285313 210697	Unspecified Pit	1948
1079D F	101.0	SE	284055 210877	Cuttings	1914
1080D F	101.0	SE	284055 210877	Cuttings	1914
1081C Y	101.0	W	284096 210260	Unspecified Ground Workings	1876
1082D F	102.0	SE	284055 210878	Cuttings	1921
1083D G	102.0	NW	281454 211816	Old Ironstone Levels	1914
1084D F	102.0	SE	284054 210877	Cuttings	1948
1085D G	103.0	NW	281458 211802	Old Ironstone Levels	1921
1086D F	104.0	SE	284046 210846	Unspecified Pit	1965
1087D G	106.0	NW	281445 211821	Unspecified Old Levels	1903
1088D G	106.0	NW	281445 211821	Old Ironstone Levels	1948
1089D A	106.0	NE	285347 210683	Unspecified Ground Workings	1921
1090D G	106.0	NW	281455 211805	Old Ironstone Levels	1921
1091D H	106.0	NE	285298 210743	Unspecified Heap	1903
1092D A	106.0	NE	285342 210696	Unspecified Ground Workings	1921
1093D H	107.0	NE	285286 210745	Unspecified Ground Workings	1877
1094D G	107.0	NW	281454 211806	Unspecified Pit	1965

ID	Distance (m)	Direction	NGR	Use	Date
1095C R	108.0	S	283473 210082	Unspecified Heap	1965
1096D H	108.0	NE	285298 210743	Unspecified Heap	1900
1097D K	109.0	NW	284343 210935	Old Gravel Pit	1877
1098D J	109.0	N	282422 212274	Unspecified Heap	1903
1099D F	109.0	SE	284061 210869	Cuttings	1921
1100D G	109.0	NW	281446 211821	Old Ironstone Level	1877
1101D H	110.0	NE	285298 210745	Unspecified Heap	1948
1102D H	112.0	NE	285301 210741	Unspecified Ground Workings	1876
1103D N	112.0	NW	281577 211923	Unspecified Drifts	1948
1104C R	113.0	S	283438 210039	Unspecified Ground Workings	1965
1105C R	113.0	S	283438 210039	Unspecified Ground Workings	1987
1106D L	113.0	S	285122 210087	Unspecified Ground Workings	1876
1107D B	114.0	N	283961 210663	Old Coal Pit	1901
1108D B	114.0	SE	283944 210752	Unspecified Pit	1948
1109D B	114.0	SE	283942 210751	Unspecified Pit	1877
1110D I	115.0	S	283656 210104	Unspecified Ground Workings	1914
1111D I	115.0	S	283656 210104	Unspecified Ground Workings	1914
1112D J	115.0	N	282433 212266	Unspecified Heap	1877
1113D K	120.0	NW	284280 210922	Cuttings	1877
1114D L	120.0	S	285276 210090	Unspecified Ground Workings	1876
1115D L	122.0	S	285196 210084	Unspecified Heaps	1876
1116D B	123.0	N	283969 210686	Cuttings	1877
1117D I	124.0	S	283628 210064	Unspecified Pit	1965
1118D B	124.0	SE	283950 210744	Unspecified Pit	1921
1119D L	127.0	S	285060 210077	Unspecified Heap	1876
1120D I	127.0	S	283588 210057	Unspecified Old Quarry	1901
1121D P	128.0	N	282278 212284	Cuttings	1903
1122D I	129.0	S	283627 210056	Unspecified Pit	1903
1123D Q	129.0	NW	281520 212023	Colliery	1921

ID	Distance (m)	Direction	NGR	Use	Date
1124C W	130.0	SW	284124 210207	Old Coal Pit	1921
1125C W	130.0	SW	284124 210207	Old Coal Pit	1921
1126C W	130.0	SW	284125 210206	Old Coal Pit	1914
1127C W	130.0	SW	284125 210206	Old Coal Pit	1914
1128D I	131.0	S	283586 210053	Unspecified Ground Workings	1914
1129D I	131.0	S	283586 210053	Unspecified Ground Workings	1914
1130D H	132.0	NE	285319 210747	Unspecified Heap	1900
1131C W	132.0	SW	284123 210203	Old Coal Pit	1921
1132C W	133.0	SW	284131 210197	Old Coal Pit	1921
1133C W	134.0	SW	284121 210205	Old Coal Pit	1948
1134C W	134.0	SW	284121 210205	Old Coal Pit	1903
1135D G	134.0	NW	281442 211835	Old Ironstone Levels	1921
1136C W	135.0	SW	284119 210203	Old Coal Pit	1901
1137D G	136.0	NW	281439 211842	Unspecified Heap	1965
1138D G	138.0	NW	281438 211839	Old Ironstone Levels	1921
1139D B	139.0	SE	283962 210734	Unspecified Pit	1877
1140D M	141.0	NE	284066 211882	Unspecified Heap	1914
1141D M	142.0	NE	284067 211882	Unspecified Ground Workings	1921
1142D M	142.0	NE	284067 211882	Unspecified Ground Workings	1921
1143D L	144.0	S	285174 210067	Unspecified Pit	1948
1144D L	145.0	S	285167 210067	Unspecified Ground Workings	1921
1145D M	145.0	NE	284067 211887	Unspecified Ground Workings	1921
1146D N	145.0	NW	281484 211888	Unspecified Pit	1965
1147D M	145.0	NE	284074 211883	Unspecified Pit	1903
1148D M	145.0	NE	284074 211883	Old Ironstone Quarry	1877
1149C W	145.0	SW	284117 210157	Old Coal Level	1901
1150D O	146.0	NW	284831 211010	Unspecified Ground Workings	1903
1151D O	146.0	NW	284830 211013	Unspecified Ground Workings	1921
1152D L	146.0	S	285180 210063	Ponds	1877

ID	Distance (m)	Direction	NGR	Use	Date
1153D M	146.0	NE	284077 211865	Unspecified Pit	1948
1154D O	146.0	NW	284828 211011	Unspecified Ground Workings	1900
1155D L	147.0	S	285173 210066	Unspecified Pit	1921
1156D L	147.0	S	285173 210066	Unspecified Pit	1921
1157D P	147.0	N	282202 212305	Cuttings	1903
1158D O	149.0	NW	284827 211011	Unspecified Ground Workings	1948
1159D M	149.0	NE	284076 211873	Pond	1987
1160D M	149.0	NE	284076 211874	Pond	1965
1161D O	150.0	NW	284824 211016	Unspecified Ground Workings	1921
1162D O	150.0	NW	284822 211013	Unspecified Ground Workings	1921
1163D O	150.0	NW	284822 211013	Unspecified Ground Workings	1921
1164D M	152.0	NE	284063 211901	Unspecified Heap	1948
1165D L	154.0	S	285259 210062	Unspecified Ground Workings	1876
1166D B	154.0	N	283974 210715	Unspecified Pit	1877
1167D L	154.0	S	285177 210061	Old Coal Level	1903
1168D Q	156.0	NW	281442 212007	Colliery	1914
1169D O	156.0	NW	284820 211014	Unspecified Ground Workings	1877
1170E A	157.0	S	281945 210073	Refuse Heap	1965
1171D M	158.0	NE	284065 211901	Unspecified Pit	1965
1172D Q	158.0	NW	281428 212011	Colliery	1921
1173D Q	158.0	NW	281428 212011	Colliery	1921
1174D R	158.0	SE	285598 209999	Cuttings	1877
1175D M	159.0	NE	284064 211901	Unspecified Pit	1987
1176D R	164.0	SE	285615 209995	Cuttings	1876
1177D L	164.0	S	285203 210054	Old Coal Level	1900
1178D L	165.0	S	285203 210053	Old Coal Level	1903
1179D N	169.0	NW	281493 211916	Unspecified Drift	1914
1180D G	169.0	NW	281381 211798	Old Ironstone Levels	1921
1181C W	172.0	SW	284074 210191	Unspecified Pit	1921

ID	Distance (m)	Direction	NGR	Use	Date
1182C W	172.0	SW	284074 210191	Unspecified Pit	1921
1183	172.0	S	281982 209940	Refuse Heap	1948
1184D G	172.0	NW	281378 211802	Old Ironstone Levels	1921
1185D G	172.0	NW	281369 211820	Unspecified Old Levels	1903
1186D G	172.0	NW	281369 211820	Old Ironstone Levels	1948
1187C W	173.0	SW	284072 210189	Unspecified Pit	1948
1188D N	173.0	NW	281490 211919	Unspecified Drifts	1921
1189C W	173.0	SW	284071 210188	Unspecified Pit	1921
1190D G	176.0	NW	281364 211820	Old Ironstone Level	1877
1191D S	176.0	SE	284020 210182	Old Coal Level	1903
1192D Q	176.0	NW	281372 211986	Unspecified Ground Workings	1965
1193D O	179.0	NW	284782 211049	Ponds	1948
1194D O	179.0	NW	284782 211049	Ponds	1903
1195D O	179.0	NW	284781 211051	Ponds	1965
1196D O	179.0	NW	284781 211051	Ponds	1987
1197D S	180.0	SE	284016 210183	Unspecified Heap	1921
1198D S	180.0	SE	284016 210183	Unspecified Heap	1921
1199D T	180.0	S	284486 210139	Unspecified Ground Workings	1965
1200D T	180.0	S	284486 210139	Unspecified Ground Workings	1987
1201D S	180.0	SE	284022 210176	Unspecified Heap	1876
1202D S	181.0	SE	284016 210183	Unspecified Heap	1948
1203D S	181.0	SE	284023 210174	Unspecified Heap	1877
1204D S	181.0	SE	284014 210180	Old Coal Level	1921
1205D S	181.0	SE	283959 210137	Burial Ground	1876
1206D O	183.0	NW	284778 211053	Ponds	1921
1207D U	183.0	NW	281809 212168	Unspecified Heap	1965
1208D U	183.0	NW	281809 212168	Unspecified Heap	1987
1209D S	183.0	SE	283962 210134	Burial Ground	1877
1210D S	183.0	SW	284078 210177	Old Coal Level	1921

ID	Distance (m)	Direction	NGR	Use	Date
1211D S	183.0	SW	284078 210177	Old Coal Level	1921
1212D S	184.0	SW	284077 210176	Old Coal Level	1948
1213D S	186.0	SW	284085 210166	Old Coal Level	1921
1214D Q	189.0	NW	281586 212081	Unspecified Ground Workings	1914
1215D Q	189.0	NW	281603 212081	Unspecified Ground Workings	1921
1216D Q	189.0	NW	281603 212081	Unspecified Ground Workings	1921
1217D O	189.0	W	284764 210995	Unspecified Heap	1921
1218D O	189.0	NW	284770 211026	Ponds	1877
1219D Q	191.0	NW	281606 212071	Unspecified Pit	1948
1220D Q	191.0	NW	281606 212071	Unspecified Pit	1903
1221D S	191.0	SE	284023 210172	Unspecified Heap	1921
1222D Q	191.0	NW	281579 212018	Unspecified Ground Workings	1965
1223D O	191.0	W	284762 210993	Unspecified Heap	1948
1224D G	192.0	NW	281365 211824	Old Ironstone Levels	1914
1225D Q	192.0	NW	281505 212047	Colliery	1903
1226D G	193.0	NW	281365 211826	Old Ironstone Levels	1921
1227D Q	193.0	NW	281599 212083	Unspecified Old Quarry	1877
1228D Q	193.0	NW	281599 212083	Unspecified Ground Workings	1921
1229D Q	194.0	NW	281392 211996	Refuse Heap	1921
1230D Q	194.0	NW	281396 211993	Refuse Heaps	1921
1231D Q	194.0	NW	281396 211993	Refuse Heaps	1921
1232F C	194.0	N	282439 212352	Unspecified Old Quarries	1877
1233D Q	195.0	NW	281604 212072	Unspecified Pit	1965
1234D N	197.0	NW	281522 211984	Unspecified Drifts	1948
1235D V	197.0	S	283884 210083	Unspecified Heap	1876
1236D G	197.0	NW	281360 211830	Old Ironstone Levels	1921
1237D G	199.0	NW	281364 211839	Unspecified Heap	1965
1238D N	200.0	NW	281489 211954	Unspecified Drift	1914
1239D V	200.0	S	283885 210079	Unspecified Heap	1877

ID	Distance (m)	Direction	NGR	Use	Date
1240D N	201.0	NW	281490 211956	Unspecified Drifts	1921
1241D W	203.0	NW	284793 211069	Unspecified Pit	1900
1242D W	205.0	NW	284787 211074	Unspecified Pit	1877
1243D N	206.0	NW	281486 211958	Unspecified Drifts	1921
1244D W	207.0	NW	284794 211078	Pond	1921
1245D X	207.0	S	283421 209970	Unspecified Heap	1876
1246D Q	208.0	NW	281622 212101	Unspecified Ground Workings	1948
1247D X	210.0	S	283422 209967	Unspecified Pit	1914
1248D X	210.0	S	283422 209967	Unspecified Pit	1914
1249D X	210.0	S	283422 209968	Unspecified Heap	1921
1250D X	210.0	S	283422 209968	Unspecified Heap	1921
1251D X	210.0	S	283423 209968	Unspecified Heap	1921
1252D W	211.0	NW	284790 211080	Pond	1921
1253D X	211.0	S	283421 209967	Unspecified Heap	1948
1254D X	211.0	S	283419 209967	Unspecified Heap	1877
1255D Q	213.0	NW	281619 212098	Unspecified Ground Workings	1965
1256D G	213.0	NW	281305 211796	Old Ironstone Levels	1914
1257D G	213.0	NW	281306 211797	Unspecified Ground Workings	1921
1258D G	213.0	NW	281306 211797	Unspecified Ground Workings	1921
1259D G	218.0	NW	281315 211790	Old Ironstone Levels	1921
1260	219.0	NE	284547 211018	Unspecified Pit	1903
1261D X	219.0	S	283427 209959	Unspecified Heap	1921
1262D Y	220.0	NW	281301 211801	Unspecified Heaps	1903
1263D Y	220.0	NW	281301 211801	Old Ironstone Levels	1948
1264D G	221.0	NW	281313 211792	Unspecified Pit	1965
1265D Y	222.0	NW	281236 211775	Unspecified Old Level	1903
1266D Y	222.0	NW	281302 211799	Old Ironstone Level	1877
1267D N	227.0	NW	281489 211988	Unspecified Drifts	1921
1268D Z	227.0	S	285057 209940	Cemetery	1948

ID	Distance (m)	Direction	NGR	Use	Date
1269D Z	229.0	S	285060 209937	Cemetery	1964
1270D Z	229.0	S	285060 209937	Cemetery	1980
1271D Z	229.0	S	285060 209937	Cemetery	1981
1272E F	232.0	S	283917 209990	Reservoir	1948
1273D Q	236.0	NW	281486 212032	Unspecified Heap	1921
1274D Q	236.0	NW	281486 212032	Unspecified Heap	1921
1275D Q	236.0	NW	281485 212029	Unspecified Ground Workings	1914
1276D Y	237.0	NW	281298 211809	Unspecified Ground Workings	1921
1277D X	238.0	S	283412 209927	Unspecified Pits	1876
1278D Q	238.0	NW	281481 212034	Unspecified Ground Workings	1921
1279D X	238.0	S	283423 209930	Unspecified Pit	1988
1280D X	238.0	S	283423 209930	Unspecified Pit	1964
1281D X	239.0	SE	283419 209935	Unspecified Pit	1903
1282D X	239.0	SE	283419 209935	Unspecified Pit	1877
1283D X	239.0	SE	283419 209917	Unspecified Pit	1921
1284D X	240.0	SE	283420 209934	Unspecified Old Quarry	1901
1285D X	240.0	SE	283418 209919	Unspecified Ground Workings	1921
1286D X	240.0	SE	283418 209919	Unspecified Ground Workings	1921
1287D X	240.0	S	283418 209919	Unspecified Ground Workings	1914
1288D X	240.0	S	283418 209919	Unspecified Ground Workings	1914
1289D X	240.0	S	283408 209920	Unspecified Ground Workings	1948
1290D Q	240.0	NW	281482 212036	Unspecified Ground Workings	1965
1291E A	242.0	S	281788 210057	Cuttings	1948
1292E B	242.0	S	281788 210057	Cuttings	1903
1293E B	242.0	S	281788 210057	Cuttings	1877
1294E B	243.0	S	281789 210055	Cuttings	1914
1295E B	243.0	S	281789 210055	Cuttings	1914
1296E B	243.0	S	281794 210058	Cuttings	1901
1297E B	245.0	S	281790 210056	Cuttings	1921

ID	Distance (m)	Direction	NGR	Use	Date
1298D X	245.0	SE	283405 209915	Unspecified Ground Workings	1988
1299D X	245.0	SE	283405 209915	Unspecified Ground Workings	1964
1300D Q	246.0	NW	281481 212031	Unspecified Ground Workings	1948
1301D X	247.0	SE	283401 209915	Unspecified Pit	1877
1302D Y	248.0	NW	281290 211815	Unspecified Heap	1965
1303E B	249.0	S	281792 210049	Cuttings	1921
1304	249.0	NE	283987 212053	Cuttings	1877
1305D X	249.0	S	283415 209911	Unspecified Ground Workings	1921
1306E B	250.0	S	281788 210048	Cuttings	1921

4.2 Historical Underground Working Features derived from Historical Mapping

This data is derived from the Groundsure unique Historical Land Use Database. It contains data derived from 1:10,000 and 1:10,560 historical Ordnance Survey Mapping and includes some natural topographical features (Shake Holes for example) as well as manmade features that may have implications for ground stability. Underground and mining features have been identified from surface features such as shafts. The distance that these extend underground is not shown.

Are there any Historical Underground Working Features within 1000m of the study site boundary? Yes

The following Historical Underground Working Features are provided by Groundsure:

ID	Distance (m)	Direction	NGR	Use	Date
1307 W	0.0	On Site	282961 211903	Unspecified Drift	1948
1308A O	0.0	On Site	283279 211732	Colliery	1948
1309B A	0.0	On Site	283382 211742	Coal Shaft	1948
1310G	0.0	On Site	283209 211740	Unspecified Old Level	1903
1311G	0.0	On Site	283139 211746	Unspecified Old Levels	1903
1312G	0.0	On Site	283183 211721	Air Shaft	1903
1313G	0.0	On Site	283168 211718	Old Coal Levels	1948
1314A A	0.0	On Site	285142 210529	Old Coal Level	1900
1315B L	0.0	On Site	283429 210759	Old Coal Level	1901
1316C X	0.0	On Site	285244 210511	Old Coal Level	1903
1317Y	0.0	On Site	285404 210409	Old Coal Level	1948

ID	Distance (m)	Direction	NGR	Use	Date
1318A G	0.0	On Site	285402 210270	Old Coal Level	1903
1319B Y	0.0	On Site	284964 210308	Colliery	1948
1320A G	0.0	On Site	285348 210272	Old Coal Level	1900
1321A G	0.0	On Site	285328 210258	Old Coal Pit	1903
1322B X	0.0	On Site	284139 210397	Colliery	1901
1323E C	0.0	On Site	283833 210404	Old Coal Pit	1901
1324E D	0.0	On Site	283324 210868	Air Shaft	1948
1325E D	0.0	On Site	283331 210850	Air Shaft	1903
1326A P	0.0	On Site	281808 211693	Unspecified Disused Levels	1965
1327A P	0.0	On Site	281842 211662	Unspecified Old Levels	1903
1328A P	0.0	On Site	281868 211655	Old Coal Level	1877
1329 H	0.0	On Site	281888 211646	Unspecified Old Levels	1903
1330 H	0.0	On Site	281893 211637	Old Coal Level	1877
1331A R	0.0	On Site	282141 212051	Colliery	1948
1332A R	0.0	On Site	282141 212051	Colliery	1903
1333C Q	0.0	On Site	282047 211976	Old Coal Level	1877
1334D	0.0	On Site	282083 211958	Unspecified Disused Level	1965
1335D	0.0	On Site	282124 211941	Unspecified Old Level	1948
1336D	0.0	On Site	282168 211954	Old Coal Level	1877
1337A M	0.0	On Site	282328 211899	Unspecified Old Levels	1948
1338A V	0.0	On Site	282341 212059	Unspecified Mine	1965
1339A M	0.0	On Site	282328 211908	Unspecified Disused Levels	1965
1340A M	0.0	On Site	282362 211979	Unspecified Disused Levels	1965
1341A M	0.0	On Site	282352 211932	Coal Levels	1877
1342A M	0.0	On Site	282367 211948	Coal Levels	1877
1343A M	0.0	On Site	282382 211942	Unspecified Disused Levels	1965
1344A S	0.0	On Site	282478 212034	Colliery	1877
1345A M	0.0	On Site	282422 211928	Unspecified Disused Levels	1965
1346A S	0.0	On Site	282568 212004	Colliery	1948

ID	Distance (m)	Direction	NGR	Use	Date
1347A S	0.0	On Site	282568 212004	Colliery	1903
1348A M	0.0	On Site	282487 211918	Unspecified Old Levels	1903
1349A U	0.0	On Site	282506 211890	Old Coal Level	1877
1350A U	0.0	On Site	282531 211881	Unspecified Old Levels	1903
1351A U	0.0	On Site	282578 211838	Unspecified Old Level	1948
1352A Y	0.0	On Site	282949 211962	Unspecified Disused Drift	1987
1353A Y	0.0	On Site	282949 211962	Unspecified Disused Drift	1965
1354B A	0.0	On Site	283137 211748	Unspecified Disused Levels	1965
1355B A	0.0	On Site	283161 211737	Unspecified Disused Levels	1987
1356B A	0.0	On Site	283211 211754	Unspecified Disused Levels	1965
1357B A	0.0	On Site	283214 211752	Unspecified Disused Levels	1987
1358B A	0.0	On Site	283263 211727	Unspecified Disused Drift	1987
1359B G	0.0	On Site	283390 210568	Unspecified Disused Level	1965
1360B G	0.0	On Site	283390 210568	Unspecified Disused Level	1987
1361E C	0.0	On Site	283683 210434	Unspecified Disused Level	1987
1362C G	0.0	On Site	283685 210341	Unspecified Disused Shaft	1987
1363C G	0.0	On Site	283686 210336	Unspecified Disused Level	1965
1364A L	0.0	On Site	283891 210408	Unspecified Disused Level	1987
1365A L	0.0	On Site	283891 210408	Unspecified Disused Level	1965
1366Y	0.0	On Site	285391 210419	Unspecified Disused Level	1962
1367E C	0.0	On Site	283816 210446	Unspecified Old Shaft	1948
1368C Y	0.0	On Site	284270 210478	Colliery	1948
1369A L	0.0	On Site	283841 210403	Unspecified Old Shaft	1948
1370B L	0.0	On Site	283378 210737	Old Coal Level	1948
1371E C	0.0	On Site	283814 210451	Unspecified Old Shaft	1903
1372B L	0.0	On Site	283425 210758	Coal Level	1903
1373A L	0.0	On Site	283834 210407	Unspecified Old Shaft	1903
1374B T	0.0	On Site	283271 210143	Old Coal Level	1903
1375A L	0.0	On Site	283834 210407	Old Coal Pit	1877

ID	Distance (m)	Direction	NGR	Use	Date
1376B L	0.0	On Site	283425 210758	Old Coal Level	1877
1377A S	0.0	On Site	282552 211933	Unspecified Drift	1948
1378A S	0.0	On Site	282462 212011	Unspecified Drift	1948
1379A S	0.0	On Site	282556 211936	Unspecified Drift	1903
1380A S	0.0	On Site	282560 211990	Unspecified Drift	1903
1381C U	0.0	On Site	282421 212114	Air Shaft	1948
1382C U	0.0	On Site	282419 212112	Air Shaft	1903
1383A G	4.0	S	285370 210223	Old Coal Level	1903
1384A G	5.0	S	285368 210223	Old Coal Pit	1900
1385D C	5.0	N	283442 211991	Unspecified Disused Drift	1987
1386A H	6.0	S	285424 210190	Old Coal Level	1900
1387C Q	7.0	NW	281890 212030	Old Coal Level	1877
1388C Q	7.0	NW	281890 212030	Old Coal Level	1903
1389C L	9.0	S	283648 210226	Old Coal Level	1948
1390C L	9.0	S	283648 210226	Old Coal Level	1903
1391C R	10.0	SE	283424 210059	Old Coal Level	1901
1392A K	11.0	W	284186 210339	Air Shaft	1948
1393C L	20.0	S	283741 210237	Old Coal Level	1901
1394C B	20.0	N	283912 210558	Unspecified Old Level	1948
1395A H	37.0	S	285429 210179	Old Coal Level	1903
1396D D	37.0	N	284050 210625	Old Coal Pit	1877
1397C U	41.0	NE	282415 212173	Unspecified Old Level	1903
1398C V	46.0	NE	285454 210446	Unspecified Disused Level	1977
1399C Q	47.0	NW	281873 212040	Old Coal Level	1948
1400C U	53.0	NE	282417 212185	Old Coal Level	1877
1401E E	58.0	S	285351 210164	Old Coal Level	1903
1402D B	83.0	SE	283845 210715	Unspecified Old Shafts	1903
1403D D	84.0	N	284123 210683	Disused Old Coal Pit	1877
1404D D	84.0	N	284121 210677	Old Coal Pit	1901

ID	Distance (m)	Direction	NGR	Use	Date
1405D D	85.0	N	284124 210677	Unspecified Old Shaft	1903
1406D E	85.0	S	283832 210210	Old Trial Drift	1948
1407D E	86.0	S	283784 210190	Unspecified Drift	1876
1408D E	90.0	S	283787 210186	Unspecified Drift	1877
1409D D	94.0	N	284128 210689	Old Coal Shaft	1948
1410D Y	106.0	NW	281445 211821	Unspecified Old Levels	1903
1411D Y	106.0	NW	281445 211821	Old Ironstone Levels	1948
1412D Y	109.0	NW	281446 211821	Old Ironstone Level	1877
1413D N	112.0	NW	281577 211923	Unspecified Drifts	1948
1414D B	114.0	N	283961 210663	Old Coal Pit	1901
1415D B	114.0	N	283961 210663	Old Coal Shafts	1948
1416D B	114.0	N	283961 210663	Unspecified Old Shafts	1903
1417D V	130.0	S	283796 210150	Air Shaft	1877
1418D B	132.0	N	283921 210673	Old Coal Shafts	1948
1419C W	134.0	SW	284121 210205	Old Coal Pit	1948
1420C W	134.0	SW	284121 210205	Old Coal Pit	1903
1421C W	135.0	SW	284119 210203	Old Coal Pit	1901
1422D I	136.0	S	283677 210103	Air Shaft	1876
1423D E	137.0	S	283853 210162	Air Shaft	1876
1424D I	140.0	S	283675 210100	Air Shaft	1877
1425D L	154.0	S	285177 210061	Old Coal Level	1903
1426D B	158.0	N	283979 210717	Old Coal Shafts	1948
1427D L	164.0	S	285203 210054	Old Coal Level	1900
1428D L	165.0	S	285203 210053	Old Coal Level	1903
1429D Y	172.0	NW	281369 211820	Unspecified Old Levels	1903
1430D Y	172.0	NW	281369 211820	Old Ironstone Levels	1948
1431D Y	176.0	NW	281364 211820	Old Ironstone Level	1877
1432D S	176.0	SE	284020 210182	Old Coal Level	1903
1433C W	184.0	SW	284077 210176	Old Coal Level	1948

ID	Distance (m)	Direction	NGR	Use	Date
1434D Q	192.0	NW	281505 212047	Colliery	1903
1435D Q	197.0	NW	281522 211984	Unspecified Drifts	1948
1436D Y	220.0	NW	281301 211801	Old Ironstone Levels	1948
1437D Y	222.0	NW	281302 211799	Old Ironstone Level	1877
1438D V	271.0	S	283878 210029	Old Coal Drift	1948
1439D Y	272.0	NW	281236 211775	Old Ironstone Level	1948
1440D Y	280.0	NW	281234 211764	Unspecified Old Level	1903
1441D M	290.0	NE	284201 211938	Old Ironstone Level	1948
1442E F	294.0	SE	283981 209973	Old Coal Drift	1901
1443E F	295.0	S	283877 210002	Air Shaft	1876
1444E F	298.0	S	283877 210000	Air Shaft	1877
1445E F	319.0	S	283923 209995	Old Coal Drift	1903
1446E I	325.0	NE	284245 211932	Old Ironstone Level	1877
1447E J	326.0	NW	280856 211254	Disused Old Ironstone Level	1877
1448E G	330.0	N	283598 212323	Unspecified Melin	1948
1449E G	330.0	N	283598 212323	Unspecified Melin	1903
1450E G	330.0	N	283598 212323	Unspecified Melin	1877
1451E H	343.0	S	283760 209911	Air Shaft	1876
1452E O	343.0	NW	281083 211888	Colliery	1877
1453E H	345.0	S	283760 209909	Air Shaft	1877
1454E K	355.0	S	283959 209863	Old Coal Level	1901
1455E I	355.0	NE	284255 211966	Unspecified Disused Level	1987
1456E J	356.0	NW	280876 211246	Unspecified Old Level	1903
1457E J	358.0	NW	280877 211248	Disused Old Ironstone Level	1901
Not shown	361.0	W	280810 211098	Unspecified Disused Shaft	1965
Not shown	367.0	W	280807 211101	Unspecified Old Shaft	1903
Not shown	367.0	W	280807 211101	Old Ironstone Shaft	1948
1461E I	388.0	NE	284301 211959	Unspecified Old Level	1903
1462E K	400.0	S	284121 209883	Old Coal Level	1948

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	400.0	NW	280585 211222	Disused Old Ironstone Level	1877
1464F D	403.0	S	284118 209888	Old Coal Level	1903
1465F E	414.0	SE	285766 209936	Old Coal Level	1948
1466E L	466.0	S	285035 209739	Old Coal Level	1948
1467E L	485.0	S	284867 209719	Old Coal Level	1948
1468E M	487.0	S	284859 209713	Old Coal Level	1900
1469E M	489.0	S	284863 209724	Old Coal Level	1903
1470E L	498.0	S	285088 209698	Old Coal Level	1948
1471F F	510.0	NW	284697 211365	Air Shaft	1948
1472E M	518.0	S	284844 209697	Old Coal Level	1903
Not shown	522.0	W	280626 211061	Unspecified Old Level	1903
Not shown	522.0	W	280626 211061	Old Ironstone Levels	1948
Not shown	522.0	W	280626 211061	Old Ironstone Level	1877
Not shown	525.0	W	280620 211058	Old Ironstone Level	1901
1477E N	529.0	S	282619 209661	Old Coal Pit	1901
1478E N	529.0	S	282619 209661	Old Coal Pit	1948
1479E N	529.0	S	282619 209661	Old Coal Pit	1903
1480E N	534.0	S	282622 209659	Coal Pit	1876
1481E N	536.0	S	282620 209656	Coal Pit	1877
1482E O	545.0	NW	281008 211899	Old Coal Shaft	1948
1483E O	547.0	NW	281004 211899	Unspecified Old Shaft	1903
1484E O	549.0	NW	281008 211905	Old Coal Shaft	1877
1485E P	551.0	NW	281093 212043	Unspecified Old Level	1903
1486E P	551.0	NW	281093 212043	Old Coal Level	1948
1487E P	554.0	NW	281090 212043	Old Coal Level	1877
Not shown	571.0	W	280573 211010	Old Ironstone Levels	1948
1489F G	576.0	NW	281525 212450	Air Shaft	1877
Not shown	584.0	W	280492 211070	Disused Ironstone Level	1877
Not shown	598.0	W	280557 211002	Air Shaft	1948

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	598.0	W	280557 211002	Air Shaft	1903
Not shown	598.0	W	280557 211002	Air Shaft	1877
1494E Q	612.0	S	284217 209688	Old Coal Pit	1901
1495E Q	613.0	S	284220 209688	Old Coal Pit	1948
1496E Q	613.0	S	284220 209688	Old Coal Pit	1903
Not shown	613.0	W	280506 211079	Disused Ironstone Level	1901
1498E R	624.0	NW	280918 211914	Unspecified Disused Level	1987
1499E R	658.0	NW	280891 211946	Unspecified Disused Level	1965
Not shown	662.0	W	280488 211030	Unspecified Old Level	1903
1501E R	669.0	NW	280885 211936	Unspecified Old Level	1903
1502E R	672.0	NW	280884 211938	Old Coal Level	1948
Not shown	703.0	W	280488 210727	Unspecified Old Shaft	1903
Not shown	703.0	W	280488 210727	Old Ironstone Level	1948
Not shown	703.0	W	280488 210727	Old Ironstone Level	1877
Not shown	704.0	W	280724 211670	Old Ironstone Level	1877
Not shown	720.0	NW	280637 211522	Old Ironstone Level	1877
Not shown	725.0	W	280459 210763	Unspecified Disused Level	1987
Not shown	737.0	NW	280650 211567	Unspecified Level	1877
Not shown	743.0	W	280384 210823	Disused Ironstone Level	1877
Not shown	754.0	W	280396 210846	Old Ironstone Level	1948
Not shown	755.0	W	280408 211164	Disused Old Ironstone Level	1901
Not shown	755.0	W	280407 211164	Unspecified Old Level	1903
Not shown	764.0	NW	280631 211582	Old Ironstone Level	1877
1515E U	782.0	SE	285954 209248	Colliery	1948
1516E S	788.0	NW	281143 212430	Old Coal Shaft	1948
1517E S	788.0	NW	281143 212430	Unspecified Shaft	1903
1518E T	801.0	S	282186 209202	Colliery	1948
1519E T	806.0	S	282091 209140	Colliery	1901
Not shown	810.0	NW	280740 212048	Unspecified Disused Level	1987

ID	Distance (m)	Direction	NGR	Use	Date
1521E T	811.0	S	282134 209184	Unspecified Mine	1988
1522E T	811.0	S	282134 209184	Unspecified Mine	1964
Not shown	814.0	NW	280440 211586	Old Coal Level	1877
Not shown	839.0	W	280318 210838	Unspecified Disused Level	1965
Not shown	840.0	W	280312 210836	Unspecified Old Level	1903
Not shown	845.0	W	280307 210830	Disused Ironstone Level	1901
Not shown	858.0	SW	280476 210329	Trial Shaft	1948
Not shown	861.0	W	280355 210562	Unspecified Old Shaft	1903
Not shown	864.0	SW	280469 210327	Unspecified Disused Shaft	1965
Not shown	864.0	SW	280469 210327	Unspecified Disused Shaft	1987
1531E U	864.0	SE	285949 209246	Unspecified Mine	1980
1532E U	864.0	SE	285949 209246	Unspecified Mine	1964
Not shown	865.0	W	280284 210911	Unspecified Disused Level	1965
Not shown	866.0	W	280279 210907	Unspecified Old Level	1903
Not shown	866.0	W	280279 210907	Old Ironstone Level	1948
Not shown	866.0	W	280279 210907	Ironstone Level	1877
Not shown	868.0	SW	280471 210323	Trial Shaft	1903
Not shown	870.0	W	280351 210566	Old Ironstone Shaft	1948
Not shown	873.0	W	280269 210904	Ironstone Level	1901
Not shown	874.0	W	280348 210567	Unspecified Disused Shaft	1965
Not shown	874.0	W	280348 210567	Unspecified Disused Shaft	1987
Not shown	880.0	NW	280425 211497	Unspecified Old Shaft	1903
Not shown	883.0	NW	280422 211495	Old Coal Pit	1877
Not shown	884.0	SW	280378 210458	Trial Shaft	1948
Not shown	888.0	SW	280371 210458	Unspecified Disused Shaft	1987
Not shown	888.0	SW	280371 210458	Unspecified Disused Shaft	1965
Not shown	894.0	SW	280370 210452	Trial Shaft	1903
1548E V	899.0	S	285438 209317	Air Shaft	1903
Not shown	905.0	W	280312 211317	Old Coal Level	1877