

GWYNEDD SLATE QUARRIES

REPORT NO. 154

APPENDIX I

LIST OF QUARRIES AND FEATURES

PART 2

YMDDIRIEDOLAETH ARCHAEOLEGOL GWYNEDD
GWYNEDD ARCHAEOLOGICAL TRUST

Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
25 ROAD	1	1	1	1	-	-	-	-
26 BRIDGE	3	1	2	2	-	-	-	-
ABUTMENTS ONLY.								
27 WEIGHBRIDGE HOUSE	1	1	1	1	-	-	-	-
28 STACKYARD	2	3	1	1	-	-	-	-
29 MILL LONGITUDINAL	1	1	1	1	-	-	-	-
30 ROPEWAY SYSTEM WINDING HOUSE	3	3	3	2	-	-	-	-
PROBABLE, BUT REMAINS ARE IN A VERY POOR STATE.								
31 ROPEWAY SYSTEM	3	3	2	2	-	-	-	-
SLIGHT EVIDENCE IN FORM OF CUT IN ROCK.								
32 QUARRY PIT	1	1	1	1	-	-	-	-
33 ADIT	-	-	-	-	-	-	-	-

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Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 2 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 RETAINING WALL	1	1	1	1	-	-	-	-
2 TIP CONTRACTORS' WORKINGS	2	2	2	2	-	-	-	-
3 TRIAL	3	3	3	2	-	-	-	-
4 TIPS	1	1	1	1	-	-	-	-
GRASSED OVER.								
5 TIP CONTRACTORS' WORKINGS	3	2	2	1	-	-	-	-
6 DWELLING	3	2	2	1	-	-	-	-
PREDATES QUARRY. BUILT OUT OF COUNTRY ROCK.								
7 PATH	2	2	1	1	-	-	-	-
8 STRUCTURE	1	2	1	1	-	-	-	-
WEIGHBRIDGE HOUSE? OFFICE?								
9 TIP CONTRACTORS' WORKINGS	2	1	1	1	-	-	-	-
10 TIP CONTRACTORS' WORKINGS	2	2	1	1	-	-	-	-
11 ADIT	3	3	1	1	-	-	-	-
COLLAPSED								
12 TIP CONTRACTORS' WORKINGS	2	2	1	1	-	-	-	-
13 WATER CHANNEL	1	1	1	1	-	-	-	-
14 WATERWHEEL PIT	3	1	1	1	-	-	-	-
15 LAUNDER SYSTEM	3	1	2	2	-	-	-	-
TWO ROWS OF PILLARS. CONVERGING ON (14).								
16 ADIT	3	3	3	1	-	-	-	-
17 MILL	3	3	3	1	-	-	-	-
ONLY ONE SIDE-WALL SURVIVES. REST QUARRIED AWAY BY (12)								
18 STRUCTURE	3	2	1	1	-	-	-	-
ADAPTED AS ANIMAL SHELTER								
19 STRUCTURE	2	1	1	1	-	-	-	-
20 MILL	3	3	1	1	-	-	-	-
NO POWER SOURCE APPARENT								
21 TIP CONTRACTORS' WORKINGS	2	1	1	1	-	-	-	-
22 BRIDGE	1	1	2	2	-	-	-	-
ABUTMENTS ONLY SURVIVE								
23 STRUCTURE	3	3	3	1	-	-	-	-
BURIED.								
24 RAILWAY	1	1	1	1	-	-	-	-
34 QUARRY PIT	1	2	1	1	-	-	-	-
35 STRUCTURE	-	-	-	-	-	-	-	-
INACCESSIBLE.								
36 GALLERY	3	3	3	1	-	-	-	-
37 TIP CONTRACTORS' WORKINGS	1	1	2	1	-	-	-	-
38 MACHINE BASE	1	1	1	1	-	-	-	-
HOLDING-DOWN BOLTS.								
39 TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-	-
40 TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-	-
41 WALL	1	1	1	1	-	-	-	-
LOW SLATE-BUILT.								
42 STRUCTURE	2	2	1	1	-	-	-	-
ANCHOR FOR MAST								
43 ROPEWAY SYSTEM	2	2	1	1	-	-	-	-
POSSIBLE MAST BASE.								
44 TIPS	1	1	1	1	-	-	-	-
45 WATER CHANNEL	3	3	1	3	-	-	-	-

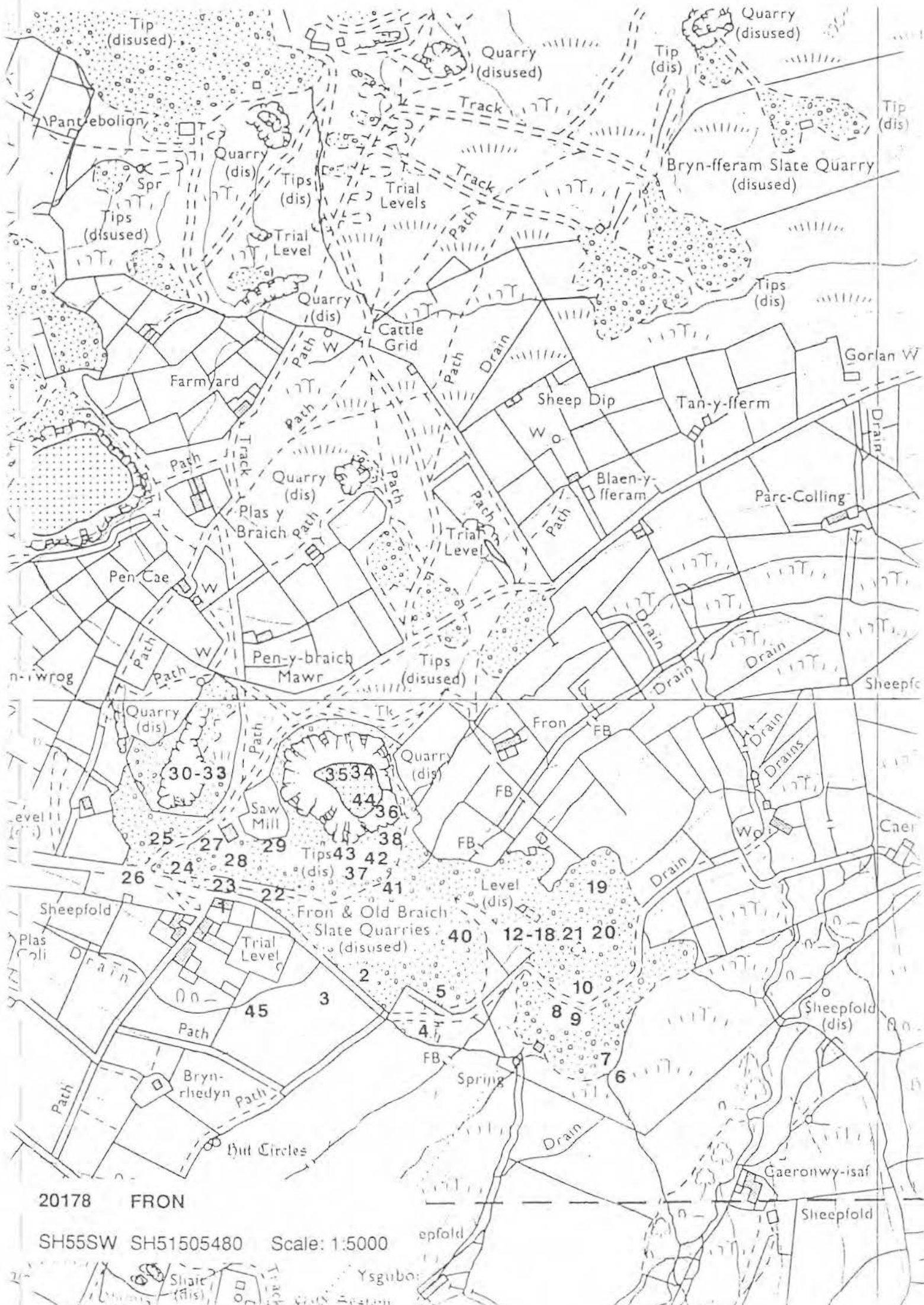
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SH55SW SH51505480 Scale: 1:5000



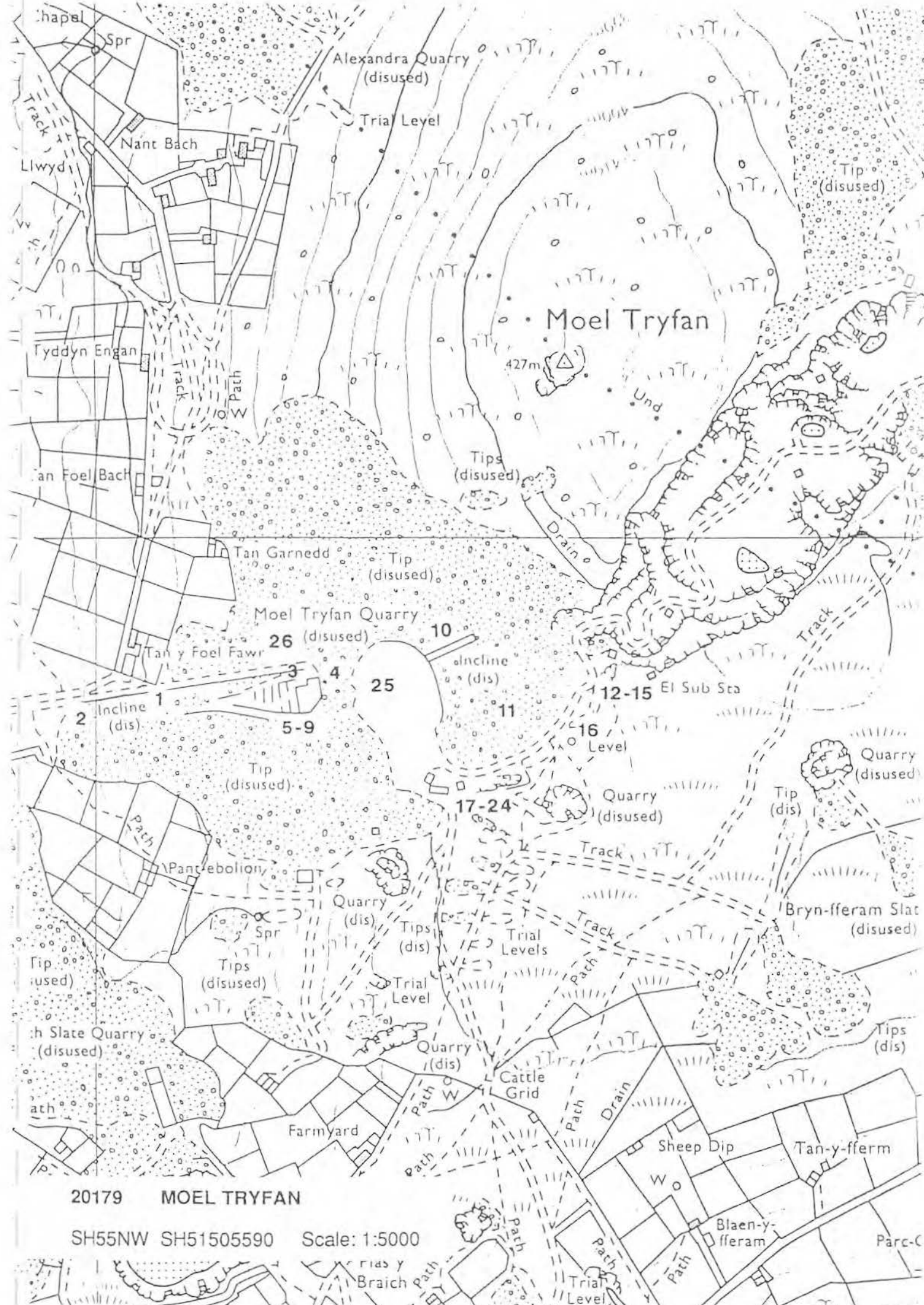
Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
2 RETAINING WALL	1	2	1	1	-	-	-	-
3 RETAINING WALL	1	2	1	1	-	-	-	-
POSSIBLY FORMED BRIDGE ABUTMENTS AT ONE POINT.								
4 INCLINE COUNTERBALANCE	3	3	3	3	-	-	-	-
SITE ONLY; OBLITERATED BY TIPPING.								
5 MILL ENGINE HOUSE	3	1	1	1	-	-	-	-
HOLDING-DOWN BOLTS SURVIVE.								
6 MILL	3	1	1	1	-	-	-	-
7 STACKYARD	1	1	1	1	-	-	-	-
8 STRUCTURE	2	2	1	1	-	-	-	-
9 STRUCTURE	2	2	1	1	-	-	-	-
10 INCLINE COUNTERBALANCE	3	3	1	1	-	-	-	-
DEGRADED.								
11 GWALIAU	2	2	1	1	-	-	-	-
12 MACHINE BASE	3	1	1	1	-	-	-	-
STRUCTURE OVER MACHINE BASE HEAVILY DILAPIDATED.								
13 ELECTRICITY SUBSTATION	2	2	2	1	-	-	-	-
14 ADIT	-	-	-	-	-	-	-	-
COLLAPSED								
15 GWAL	2	2	1	1	-	-	-	-
16 SHAFT-HEAD	1	1	1	1	-	-	-	-
17 CUTTING	1	1	1	1	-	-	-	-
TO (COLLAPSED) ADIT								
18 ADIT	-	-	-	-	-	-	-	-
COLLAPSED								
19 WEIGHBRIDGE HOUSE	3	3	1	1	-	-	-	-
20 CABAN?	2	2	2	1	-	-	-	-
21 LOCOMOTIVE SHED	2	2	2	1	-	-	-	-
22 CABAN?	2	2	2	1	-	-	-	-
23 STRUCTURE	3	2	1	1	-	-	-	-
BASE OF TIMBER UPRIGHT SURVIVES SUGGESTING AN								
OPEN-SIDED SHED.								
24 OFFICE	1	2	1	1	-	-	-	-
25 OBLITERATED	3	3	3	3	-	-	-	-
IN RE-USE AS SHOOTING RANGE.								
26 TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-	-

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20179 MOEL TRYFAN

SH55NW SH51505590 Scale: 1:5000

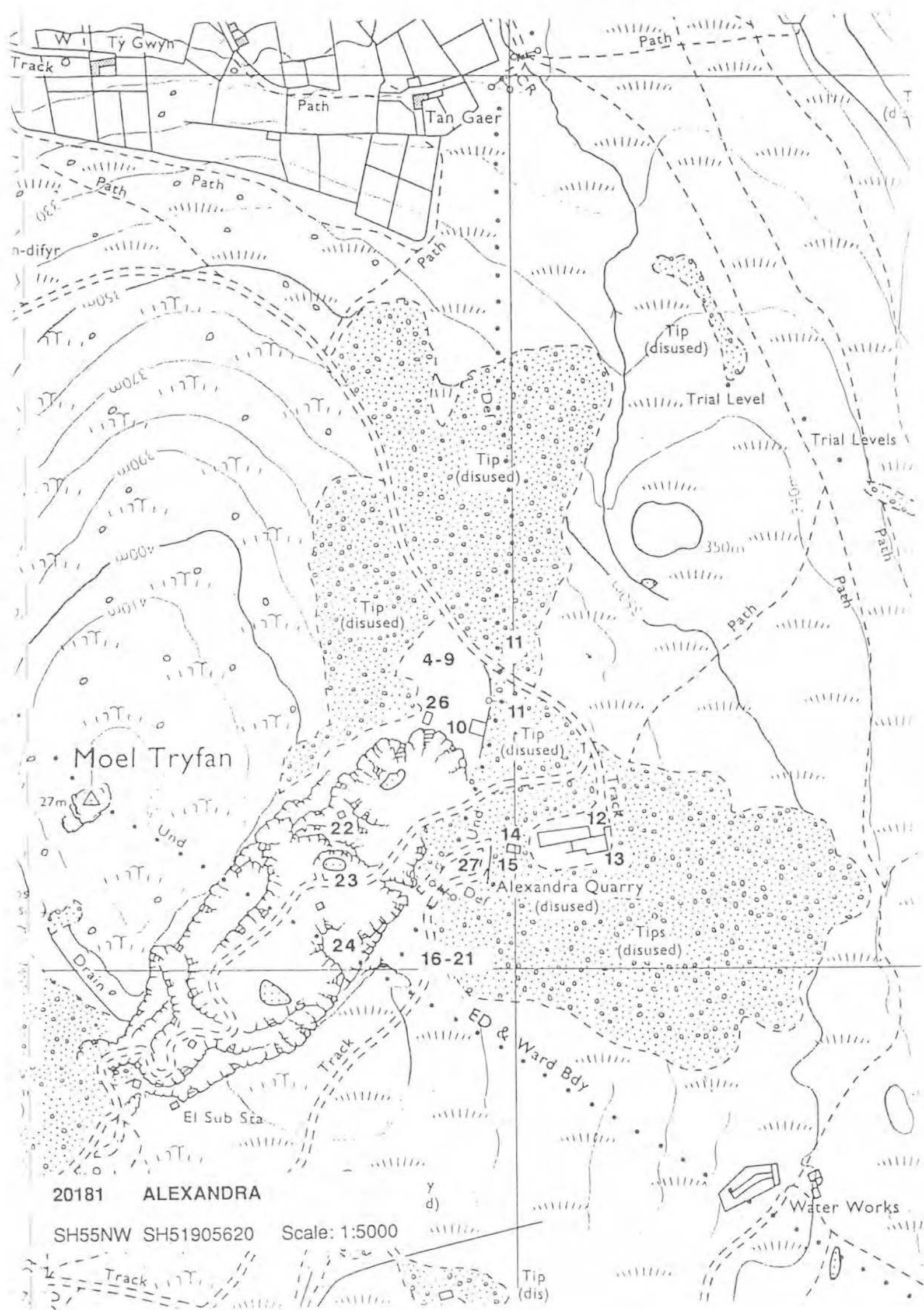
Diversity 2, Archive Val. 3 Archaeol. Record 3 Amenity Val. 2 Visual Amenity 2

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	RETAINING WALL	1	1	1	1	-	-	-	-
2	OBLITERATED	3	3	3	3	-	-	-	-
3	ADIT <i>COLLAPSED.</i>	-	-	-	-	-	-	-	-
4	BRIDGE <i>ABUTMENTS ONLY SURVIVE.</i>	3	2	2	2	-	-	-	-
5	WEIGHBRIDGE HOUSE	2	1	1	1	-	-	-	-
6	ROPEWAY SYSTEM WINDING HOUSE <i>HOLDING-DOWN BOLTS AND BRICKS EVIDENT.</i>	3	3	1	1	-	-	-	-
7	ROPEWAY SYSTEM <i>SITE ONLY.</i>	3	3	3	3	-	-	-	-
8	STRUCTURE <i>FUNCTION OBSCURE, LOW 3-SIDED STRUCTURE WITH GAP IN BACK WALL. POSSIBLY TO ALLOW PASSAGE OF CABLE.</i>	3	3	1	1	-	-	-	-
9	STRUCTURE <i>MACHINE BASE EVIDENT.</i>	3	3	1	1	-	-	-	-
10	MILL? <i>COLLAPSED DOUBLE MILL.</i>	3	3	1	3	-	-	-	-
11	TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-	-
12	MILL LONGITUDINAL	3	1	1	1	-	-	-	-
13	WALL <i>BRICK, COLLAPSED.</i>	3	3	3	3	-	-	-	-
14	STRUCTURE <i>FUNCTION OBSCURE, INTERNALLY RENDERED.</i>	2	2	1	1	-	-	-	-
15	STRUCTURE	3	1	2	2	-	-	-	-
16	WEIGHBRIDGE HOUSE	1	1	1	1	-	-	-	-
17	ELECTRICITY SUBSTATION	1	1	1	1	-	-	-	-
18	STRUCTURE <i>FUNCTION OBSCURE.</i>	1	1	1	1	-	-	-	-
19	ROPEWAY SYSTEM WINDING HOUSE <i>MECHANICAL.</i>	1	1	1	1	-	-	-	-
20	STRUCTURE <i>CONTAINS MACHINE BASE.</i>	1	1	1	1	-	-	-	-
21	ROPEWAY SYSTEM <i>ENGINE HOUSE AND DRUM BASE SURVIVE.</i>	2	1	1	1	-	-	-	-
22	STRUCTURE <i>INACCESSIBLE.</i>	-	-	-	-	-	-	-	-
23	ADIT	1	1	1	1	-	-	-	-
24	ROPEWAY SYSTEM <i>SITE ONLY.</i>	3	3	3	3	-	-	-	-
25	RAILWAY	1	1	1	1	-	-	-	-
26	OBLITERATED	3	3	3	3	-	-	-	-
27	OBLITERATED	3	3	3	3	-	-	-	-

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Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 RAILWAY	1	1	1	1	-	-	-	-
2 MILL GABLE END SURVIVES TO A FEW FEET AT ONE POINT.	3	3	3	3	-	-	-	-
3 LAUNDER SYSTEM PILLARS.	3	3	1	1	-	-	-	-
4 INCLINE COUNTERBALANCE DEGRADED.	3	3	1	1	-	-	-	-
5 WATER STORAGE RESERVOIR IMPOUNDED BY DAM	2	2	1	1	-	-	-	-
6 STRUCTURE	3	3	1	1	-	-	-	-
7 INCLINE DRUMHOUSE THROUGH DRUMHOUSE. HOLDING-DOWN BOLTS SURVIVE	3	3	1	1	-	-	-	-
8 INCLINE COUNTERBALANCE	2	2	1	1	-	-	-	-
9 BRIDGE ABUTMENTS ONLY SURVIVE.	2	1	1	1	-	-	-	-
10 ADIT TINY - PROBABLY WATER-CHANNEL COLLAPSED.	3	2	1	1	-	-	-	-
11 RETAINING WALL	1	1	1	1	-	-	-	-
12 WEIGHBRIDGE HOUSE	2	1	1	1	-	-	-	-
13 ADIT PORTAL COLLAPSED: CUTTING PROTECTED BY RETAINING WALLS.	1	1	1	1	-	-	-	-
14 RETAINING WALL	1	1	1	1	-	-	-	-
15 INCLINE DRUMHOUSE THROUGH DRUMHOUSE. BUILT OUT OF COUNTRY ROCK. GABLES ARE LATER THAN REST OF STRUCTURE.	1	1	1	1	-	-	-	-
16 QUARRY PIT OVERGROWN.	1	3	1	1	-	-	-	-
17 SHELTER CUTTING PROTECTED BY RETAINING WALLS.	3	3	1	1	-	-	-	-
18 ADIT COLLAPSED.	-	-	-	-	-	-	-	-

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The barracks at this quarry are the only known example in Gwynedd of a dual row (i.e. built into a hillside, ground floor door on one side, first floor door on the other), a type of structure found in South Wales and the North of England. Its value is enhanced by the associated buildings.

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
2	INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	3	3	1	1	-	-	-	-
3	INCLINE COUNTERBALANCE	1	2	1	1	-	-	-	-
4	STRUCTURE LARGE; FUNCTION OBSCURE. POSSIBLY A STOREHOUSE.	1	1	1	1	-	-	-	Y
5	BARRACKS BARRACKS IS THE ONLY KNOWN GWYNEDD EXAMPLE OF A DUAL ROW. POSSIBLE OFFICE AT SOUTHERN END.	1	2	1	1	-	Y	-	Y
6	INCLINE INTERMEDIATE LEVEL	2	2	1	1	-	-	-	Y
7	SMITHY? BRICKS AND CLINKER EVIDENT.	3	3	1	1	-	-	-	Y
8	STRUCTURE	3	3	1	1	-	-	-	-
9	RETAINING WALL	1	1	1	1	-	-	-	-
10	LAUNDER SYSTEM PILLARS.	3	1	1	1	-	-	-	-
11	MILL LONGITUDINAL REWORKED BY TIP CONTRACTORS.	3	1	1	1	-	-	-	-
12	MILL LONGITUDINAL	3	1	1	1	-	-	-	-
13	WATERWHEEL PIT	1	1	1	1	-	-	-	-
14	ROAD?	1	1	1	1	-	-	-	-
15	ADIT COLLAPSED	-	-	-	-	-	-	-	-
16	STRUCTURE SLAB BASE. TIMBER BULK.	3	3	1	1	-	-	-	-
17	STRUCTURE WEIGHBRIDGE HOUSE?	3	1	1	1	-	-	-	-
18	QUARRY PIT ON TWO LEVELS	1	1	1	1	-	-	-	-
19	STRUCTURE	1	1	1	1	-	-	-	-
20	QUARRY PIT	1	1	2	1	-	-	-	-
21	QUARRY PIT GALLERY SYSTEM APPARENT. SOME ROCKFALLS.	1	1	2	1	-	-	-	-
22	BELL CRANK BASE	1	1	1	1	-	-	-	-
23	WALL SLATE-BUILT. FALLING INTO PIT - ON MADE-UP GROUND.	3	3	3	1	-	-	-	-
24	STRUCTURE FUNCTION OBSCURE.	3	3	1	1	-	-	-	-
25	SHELTER	2	2	1	1	-	-	-	-
26	INCLINE WINDING HOUSE MECHANICAL	3	3	3	3	-	-	-	-
27	STRUCTURE	3	1	3	3	-	-	-	-
28	LAUNDER SYSTEM PILLARS.	3	3	1	1	-	-	-	-
29	INCLINE COUNTERBALANCE MUCH DEGRADED.	3	3	1	1	-	-	-	-
30	INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	2	2	1	1	-	-	-	-
31	WEIGHBRIDGE HOUSE POSSIBLE STORE ADJACENT	1	1	1	1	-	-	-	-
32	ADIT	1	1	1	1	-	-	-	-
33	LOCOMOTIVE SHED INSPECTION PIT APPARENT.	3	2	1	1	-	-	-	-
34	WEIGHBRIDGE HOUSE	3	3	1	1	-	-	-	-
35	STRUCTURE	3	3	1	1	-	-	-	-
36	ROPE CHANNEL?	2	2	1	1	-	-	-	-

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37	EMBANKMENT	1	2	1	2	-	-	-
	REVELLED.							
39	BRIDGE	3	3	3	3	-	-	-
	ABUTMENTS ONLY SURVIVE.							
40	STRUCTURE	3	3	1	1	-	-	-
41	INCLINE UPHAULAGE	3	3	1	1	-	-	-
42	RETAINING WALL	2	2	1	1	-	-	-
	TIP CONTRACTORS' WORK EVIDENT.							
43	TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-
	SHEEPFOLD USED FOR TRIMMING SLATES.							

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Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

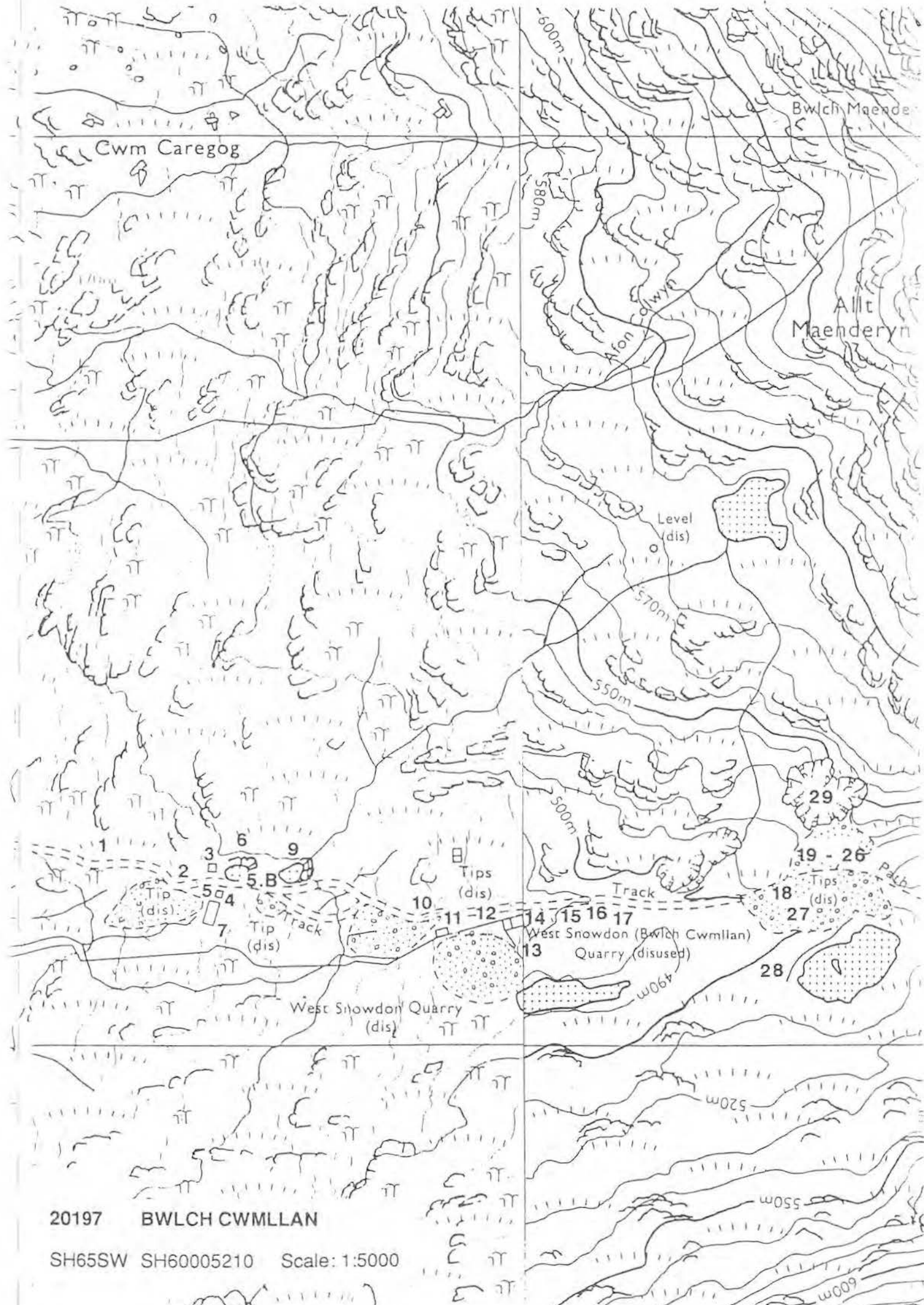
	S	C	F	V	P	R	PO	GV
1 ROAD	1	1	1	1	-	-	-	-
2 RETAINING WALL	2	3	3	1	-	-	-	-
3 WEIGHBRIDGE HOUSE	2	1	2	1	-	-	-	-
4 WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
5 ADIT	1	1	1	1	-	-	-	-
TO (6).								
6 QUARRY PIT	1	1	1	1	-	-	-	-
7 MILL	3	3	2	1	-	-	-	-
8 WATERWHEEL PIT	1	1	2	1	-	-	-	-
NO OBVIOUS LAUNDER SYSTEM.								
9 QUARRY PIT	1	1	1	1	-	-	-	-
10 LOADING AREA	2	2	2	1	-	-	-	-
11 STACKYARD	1	1	1	1	-	-	-	-
12 RETAINING WALL	2	2	2	1	-	-	-	-
13 LAUNDER SYSTEM	2	2	2	1	-	-	-	-
14 MILL	3	2	2	1	-	-	-	-
PARTS OF THE TRUSSES SURVIVE BUT THE BUILDING IS ROOFLESS AND DILAPIDATED.								
15 ADIT	-	-	-	-	-	-	-	-
16 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
17 INCLINE DRUMHOUSE	2	2	2	1	-	-	-	-
SOME TIMBERWORK SURVIVES								
18 WEIGHBRIDGE HOUSE	3	2	2	1	-	-	-	-
19 INCLINE COUNTERBALANCE	3	2	2	1	-	-	-	-
20 INCLINE DRUMHOUSE	1	2	2	1	-	-	-	-
21 INCLINE SHEAVE	1	1	1	1	-	-	-	-
SITE ONLY								
22 RAILWAY EQUIPMENT	1	1	1	1	-	-	-	-
CHANNELS IN SLATE SLABS TO SUPPORT BAR RAILS								
23 GWAL	2	2	2	1	-	-	-	-
24 WEIGHBRIDGE HOUSE	3	2	2	1	-	-	-	-
25 ADIT	-	-	-	-	-	-	-	-
COLLAPSED								
26 GWAL	3	3	2	1	-	-	-	-
27 GWAL	2	2	2	1	-	-	-	-
28 WATER STORAGE	2	2	2	1	-	-	-	-
RESERVOIR IMPOUNDED BY DAM.								
29 QUARRY PIT	1	1	1	1	-	-	-	-

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20197 BWLCH CWMLLAN

SH65SW SH60005210 Scale: 1:5000

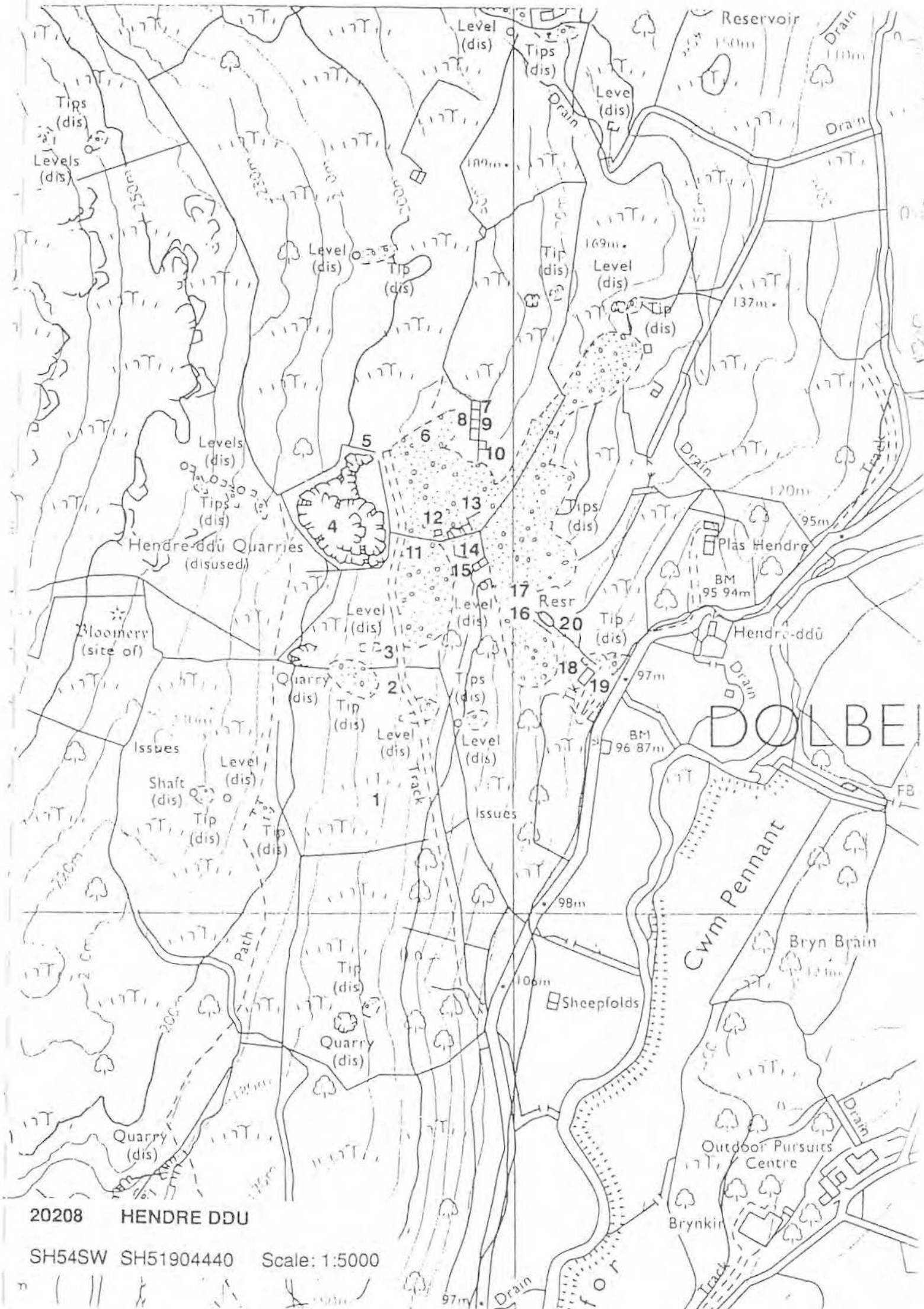
Diversity - 2 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 2

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	MAGAZINE CIRCULAR	2	1	2	1	-	-	-	-
2	ROAD	1	1	1	1	-	-	-	-
3	TRIAL	1	1	1	1	-	-	-	-
4	QUARRY PIT GALLERY SYSTEM EVIDENT	1	1	1	1	-	-	-	-
5	CUTTING	1	1	1	1	-	-	-	-
6	ROAD	1	1	1	1	-	-	-	-
7	DWELLING ADDED ON TO (8).	1	1	1	1	-	-	-	-
8	SMITHY EARLIEST BUILDING IN RANGE.	2	2	2	1	-	-	-	-
9	BARRACKS UNUSUAL STRUCTURE. MOSTLY WINDOWLESS. VERY TALL DOORS. POSSIBLY FANLIGHTS USED. SOUTHERNMOST PART MAY BE A SEPARATE DWELLING FOR A FOREMAN.	2	2	2	1	-	Y	-	-
10	STRUCTURE CART-SHED?	3	3	2	1	-	-	-	-
11	ADIT	-	-	-	-	-	-	-	-
12	WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
13	GWALIAU	2	2	2	1	-	-	-	-
14	STRUCTURE	2	2	2	1	-	-	-	-
15	INCLINE DRUMHOUSE	2	1	2	1	-	-	-	-
16	INCLINE COUNTERBALANCE	2	2	2	1	-	-	-	-
17	ADIT	-	-	-	-	-	-	-	-
18	RETAINING WALL NO TRACE OF BUILDINGS HERE. MAY POSSIBLY HAVE BEEN WOODEN.	1	1	2	1	-	-	-	-
19	WATERWHEEL PIT	1	1	2	1	-	-	-	-
20	WATER STORAGE	2	2	2	1	-	-	-	-

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 PLAS TAN Y BWLCH, [UNPUBLISHED WORK] *SURVEY OF PENNANT AREA QUARRIES*,
 RICHARDS A J, 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, P 99



20208 HENDRE DDU

SH54SW SH51904440 Scale: 1:5000

Diversity 1 Archive Val. 3 Archaeol. Record 1 Amenity Val. 1 Visual Amenity 1

This quarry constitutes an outstanding example of the gallery system as worked at the industry's height. The relative positions of quarry face, inclines, and the intermediate level off them, and the tips, recall Penrhyn and Dinorwic as they would have been in the 1870s. The run of unusual and well-preserved stone sleepers is of importance as indicating the survival of hybrid railway technology into the 1860s.

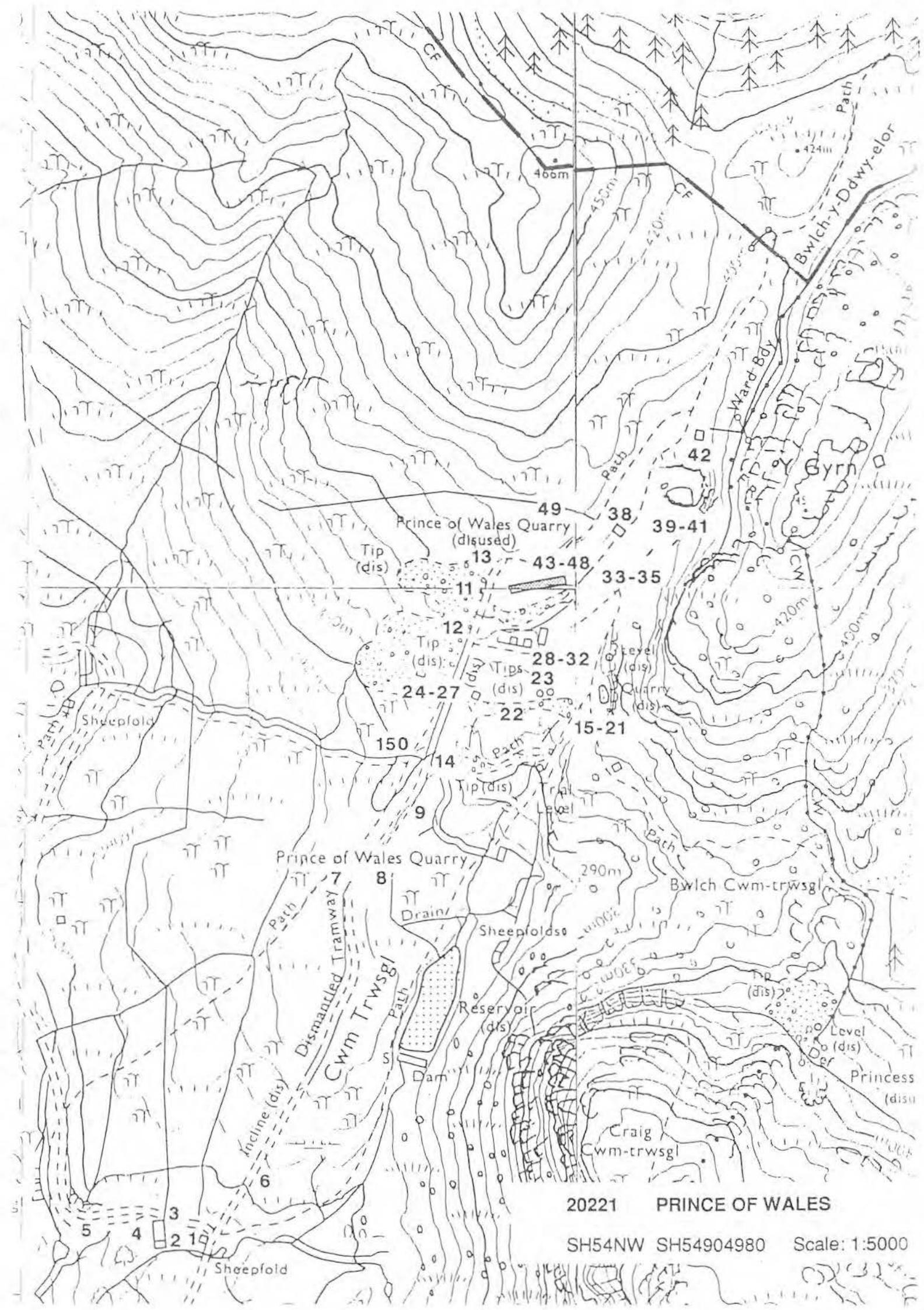
LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 LAUNDRY SYSTEM PILLARS.	2	2	1	1	-	-	-	Y
2 WATERWHEEL PIT	1	1	1	1	-	-	-	Y
3 MILL TRANSVERSE 3-TRAMWAY TRANSVERSE MILL. FLATTENED ARCH DOORS.	2	1	1	1	-	-	-	Y
4 MILL WASTE TIP	1	1	1	1	-	-	-	Y
5 RAILWAY	1	1	1	1	-	-	-	Y
6 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y
7 INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	1	1	1	1	-	-	-	Y
8 YARD AT HEAD OF (6).	1	1	1	1	-	-	-	Y
9 RAILWAY	1	1	1	1	-	-	-	Y
10 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y
11 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y
12 INCLINE DRUMHOUSE REMOTE DRUMHOUSE. AN INSERTED FEATURE. COURSE OF INCLINE GOES STRAIGHT THROUGH THIS FEATURE. SUGGESTING THAT (10) WAS EXTENDED BY MEANS OF (11) TO (13), OR THAT IT WAS CUT BACK TO (12).	2	2	1	1	-	-	-	Y
13 INCLINE DRUMHOUSE REMOTE.	1	1	1	1	-	-	-	Y
14 EMBANKMENT	1	1	1	1	-	-	-	Y
15 WEIGHBRIDGE PIT	1	1	1	1	-	Y	-	Y
16 ADIT COLLAPSED	-	-	-	-	-	-	-	Y
17 QUARRY PIT	1	1	1	1	-	-	-	Y
18 ADIT TO SHAFT	1	1	1	1	-	-	-	Y
19 ADIT	1	3	1	1	-	-	-	Y
20 STRUCTURE	2	2	1	1	-	-	-	Y
21 GWAL	3	3	1	1	-	-	-	Y
22 RAILWAY EQUIPMENT SLAB SLEEPER FOR 6 CHAIRS. OTHER SLATE SLEEPERS VISIBLE ON SAME LEVEL.	1	1	1	1	-	Y	-	Y
23 BLAST SHELTER 2 CIRCULAR HUTS	2	2	2	1	-	-	-	Y
24 WEIGHBRIDGE HOUSE	1	2	2	1	-	-	-	Y
25 INCLINE INTERMEDIATE LEVEL ACCESS FROM (10).	2	2	1	1	-	-	-	Y
26 GWALIAU	2	1	2	1	-	-	-	Y
27 BRIDGE ABUTMENTS ONLY.	3	1	1	1	-	-	-	Y
28 GWALIAU	3	2	2	1	-	-	-	Y
29 WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	Y
30 STRUCTURE FUNCTIONS OBSCURE. IN 3 BLOCKS. MOST NORTHERLY INCLUDES A DOOR AND WINDOW. THE CENTRAL BLOCK IS A GWAL (VERY HIGH STATE OF PRESERVATION). SOUTHERNMOST HAS A DOOR AND WINDOW.	1	1	1	1	-	-	-	Y
31 PRIVY?	3	2	2	1	-	-	-	Y
32 STACKYARD	1	1	1	1	-	-	-	Y
32 STACKYARD	3	3	1	1	-	-	-	Y
33 STRUCTURE ROUND HUT.	3	2	2	1	-	-	-	Y

20221 PRINCE OF WALES SH54904980					Class		1.0	
34	STRUCTURE	3	3	1	1	-	-	Y
35	ADIT - COLLAPSED	-	-	-	-	-	-	Y
36	ROAD	1	1	1	1	-	-	Y
37	RETAINING WALL	1	1	1	1	-	-	Y
38	GWALIAU	2	2	2	1	-	-	Y
39	STACKYARD	1	1	1	1	-	-	Y
40	QUARRY PIT	1	1	1	1	-	-	Y
41	STRUCTURE	3	3	3	1	-	-	Y
43	WEIGHBRIDGE HOUSE	1	2	2	1	-	-	Y
44	GWALIAU	1	2	2	1	-	-	Y
45	BARRACKS	1	1	2	1	-	-	Y
46	OFFICE? MAY PREDATE (45) AS THERE IS A WINDOW IN THE E. WALL BLOCKED BY THE GABLE END OF (45).	2	1	2	1	-	-	Y
47	STRUCTURE	2	1	2	1	-	-	Y
48	PRIVY	2	1	2	1	-	-	Y
49	RAILWAY	1	1	1	1	-	-	Y
50	INCLINE INTERMEDIATE LEVEL	2	2	1	1	-	-	Y
51	INCLINE DIFFERENTIAL GRADIENTS CF. PENRHYN QUARRY FELIN FAWR INCLINE. 20061.20	2	2	1	1	-	-	Y

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 PLAS TAN Y BWLCH. [UNPUBLISHED WORK] *SURVEY OF PENNANT AREA QUARRIES*,
 RICHARDS A J. 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, PP 101-2



Diversity 1 Archive Val. 3 Archaeol. Record 1 Amenity Val. 1 Visual Amenity 1

Not only does this quarry exemplify the gallery system of working, it best illustrates the peculiar archaeology of an over-ambitious speculation. The huge mill at Ynys y Pandy has already been scheduled, but it constitutes a part of the whole, in which the proprietors' readiness to sink their capital is uniquely demonstrated by over-elaborate and over-developed features within the quarry. The transport system is of importance as showing archaeological evidence of being dual gauge, and the point system for Thomas Hughes rails is a unique surviving feature. The value of both Ynys y Pandy and the quarry is enhanced by the nearby ruined quarrymen's village and manager's house at Treforys.

LIST OF QUARRY FEATURES

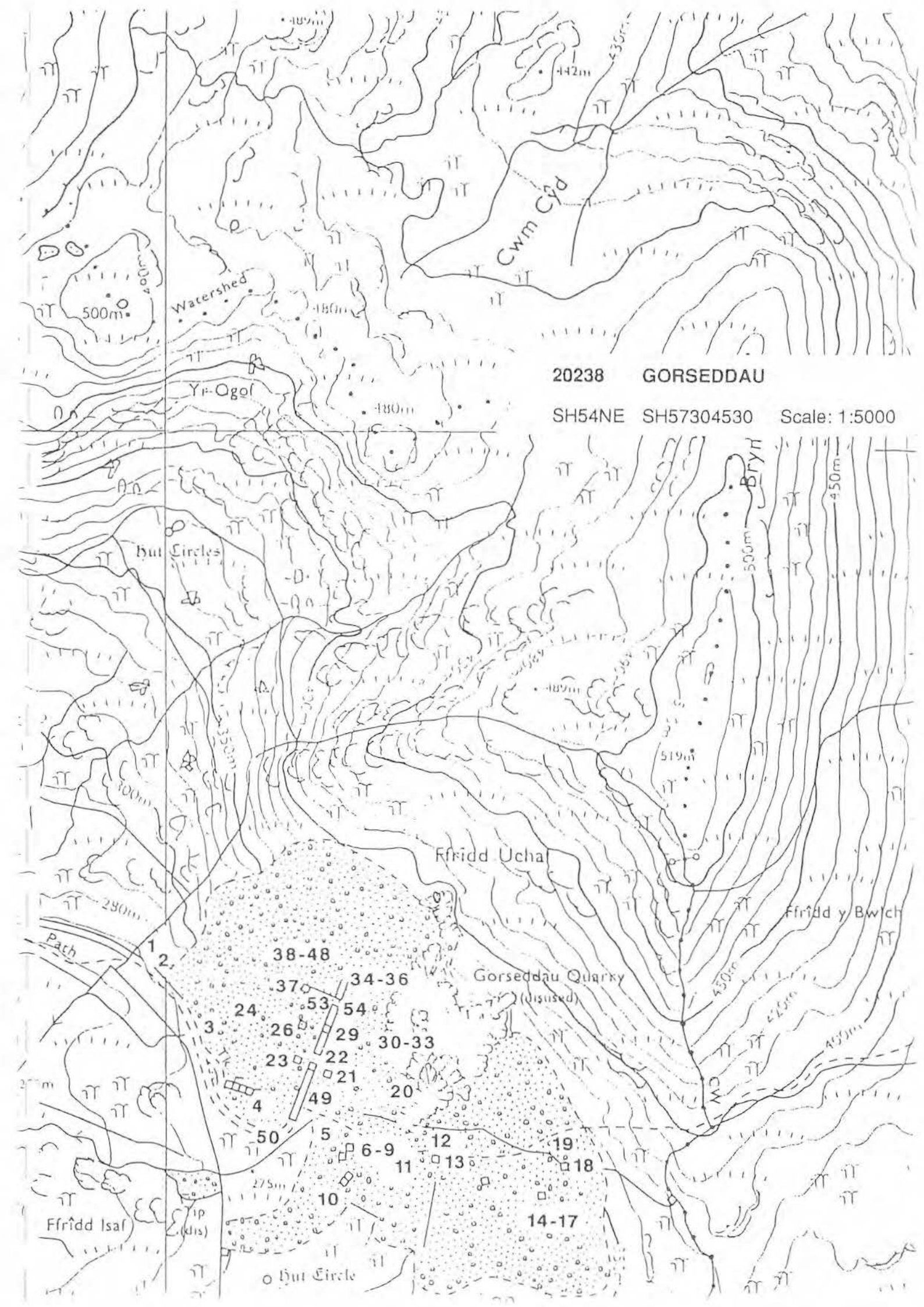
	S	C	F	V	P	R	PO	GV
1 WALL ARCHED SLATE-BUILT PROTECTIVE WALL, PROBABLY INTENDED TO FORM PART OF CORBELLED ARCH.	1	1	1	1	-	-	-	Y
2 RAILWAY	1	1	1	1	-	-	-	Y
3 RAILWAY EQUIPMENT WOODEN SLEEPERS, TWO SPIKE-HOLES, SUGGEST USE OF BRIDGE RAIL OR T SECTION, 3' GAUGE.	1	1	1	1	-	-	-	Y
4 BARRACKS 2-STORY.	2	1	2	1	-	-	-	Y
5 WATER CHANNEL DRAINAGE TUNNEL AND CUTTING.	2	2	1	1	-	-	-	Y
6 INCLINE COUNTERBALANCE	2	2	1	1	-	-	-	Y
7 INCLINE DRUMHOUSE REMOTE.	3	2	1	1	-	-	-	Y
8 STACKYARD	3	2	1	1	-	-	-	Y
9 GWAL? LIKE ALL OTHER GWALIAU, CUPBOARDS HAVE BEEN BUILT INTO THE WALLS.	2	1	1	1	-	-	-	Y
10 GWALIAU	3	2	1	1	-	-	-	Y
11 BLAST SHELTER	1	1	1	1	-	-	-	Y
12 SHELTER	1	2	1	1	-	-	-	Y
13 GWAL	1	2	1	1	-	-	-	Y
14 GWALIAU PROTRUDING SLABS - BENCH SUPPORTS?	2	1	1	1	-	-	-	Y
15 GWAL	2	1	1	1	-	-	-	Y
16 GWAL STACKYARD NEARBY.	2	1	1	1	-	-	-	Y
17 STRUCTURE EVIDENCE OF FITTED DOOR, POSSIBLE MAGAZINE, THOUGH WALLS ARE ONLY 2" THICK.	1	1	1	1	-	-	-	Y
18 STACKYARD	1	1	1	1	-	-	-	Y
19 BLAST SHELTER	2	1	3	1	-	-	-	Y
20 BLAST SHELTER	1	1	1	1	-	-	-	Y
21 GWAL	1	1	1	1	-	-	-	Y
22 BRIDGE ABUTMENTS ONLY	3	1	1	1	-	-	-	Y
23 GWALIAU	3	2	1	1	-	-	-	Y
24 GWAL	3	3	1	1	-	-	-	Y
25 RAILWAY EQUIPMENT SLAB-SLEEPER FOR POINT IN THOMAS HUGHES RAILS.	1	1	1	1	-	Y	-	Y
26 GWALIAU	3	3	1	1	-	-	-	Y
27 GWAL	3	3	1	1	-	-	-	Y
28 STACKYARD	3	2	1	1	-	-	-	Y
29 BRIDGE	2	1	1	1	-	-	-	Y
30 GWAL	3	2	1	1	-	-	-	Y
31 BLAST SHELTER	1	1	1	1	-	-	-	Y
32 GWAL	3	2	1	1	-	-	-	Y
33 STACKYARD?	3	2	1	1	-	-	-	Y
34 BLAST SHELTER	1	1	1	1	-	-	-	Y
35 STACKYARD	1	1	1	1	-	-	-	Y
36 GWALIAU	3	2	1	1	-	-	-	Y
37 GWALIAU	2	1	1	1	-	-	-	Y

20238 GORSEDDAU SH57304530

						Class	1.0	
38	GWALIAU	2	2	3	3	-	-	Y
39	INCLINE DRUMHOUSE	1	3	3	1	-	-	Y
40	SHELTER <i>TINY AND ROOFLESS.</i>	2	1	1	1	-	-	Y
41	BLAST SHELTER	1	1	1	1	-	-	Y
42	SHELTER <i>LEAN-TO AGAINST (39).</i>	2	1	1	1	-	-	Y
43	GWAL	2	1	1	1	-	-	Y
44	GWAL	1	1	1	1	-	-	Y
45	STRUCTURE	3	3	1	1	-	-	Y
46	GWAL	3	3	1	1	-	-	Y
47	GWAL	3	3	1	1	-	-	Y
48	GWAL	3	3	1	1	-	-	Y
49	INCLINE COUNTERBALANCE <i>BROAD DOUBLE-TRACK FORMATION, RAIL ACCESS TO INTERMEDIATE LEVELS.</i>	1	1	1	1	-	-	Y
50	STRUCTURE <i>FOUNDATIONS ONLY.</i>	3	3	1	1	-	-	Y
51	INCLINE INTERMEDIATE LEVEL	1	1	1	1	-	-	Y
52	INCLINE INTERMEDIATE LEVEL	1	1	1	1	-	-	Y
53	INCLINE INTERMEDIATE LEVEL	1	1	1	1	-	-	Y
54	BRIDGE	3	1	1	1	-	-	Y
55	WATERWHEEL PIT <i>TRANSVERSE WHEEL PIT BELOW GROUND FLOOR, DRIVE SHAFT FROM A RING GEAR ON THE WHEEL.</i>	1	1	1	1	-	-	Y
56	MILL <i>ENORMOUS STRUCTURE, THREE STOREYS AND ATTIC, OF ECCLESIASTICAL STRUCTURE AND PROPORTIONS.</i>	1	1	1	1	-	Y	Y
57	MILL WASTE TIP	1	1	1	1	-	-	Y
58	RAMP <i>BUILT ON A CURVE, GIVES ACCESS TO UPPER FLOOR, PARALLEL TO (59).</i>	1	1	1	1	-	-	Y
59	RAILWAY <i>GIVES ACCESS TO LOWER PROCESSING FLOOR.</i>	1	1	1	1	-	-	Y
60	WATER CHANNEL	1	1	1	1	-	-	Y

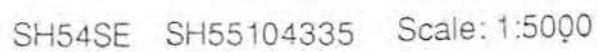
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20238 GORSEDDAU

SH54NE SH57304530 Scale: 1:5000



Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 MILL <i>CUT IN TWO BY A ROAD TO FARMYARD AT REAR; THE ORIGINAL WAALS AHEY BEEN PATCHED AND THE NORTHERN POART RE-ROOFED.</i>	3	1	1	1	-	-	-	-
2 STRUCTURE <i>EXTENDED AND IN RE-USE.</i>	3	1	1	1	-	-	-	-
3 WATERWHEEL PIT	1	1	1	1	-	-	-	-
4 STRUCTURE <i>BUTTRESSED, 2-STOREY.</i>	1	1	1	1	-	-	-	-
5 WATER CHANNEL <i>CARRIED ON RETAINING WALL.</i>	2	2	1	1	-	-	-	-
6 ROAD? <i>POSSIBLY AN INCLINE, HEAVILY DEGRADED.</i>	3	3	1	1	-	-	-	-
7 WATER STORAGE <i>RESERVOIR IMPOUNDED BY DAM.</i>	1	3	1	1	-	-	-	-
8 ROAD	2	2	1	1	-	-	-	-
9 QUARRY FACE	2	2	1	1	-	-	-	-
10 TIPS	3	3	1	1	-	-	-	-
11 WATER CHANNEL?	2	2	1	1	-	-	-	-
12 STRUCTURE <i>HEAVILY DILAPIDATED - N.W. EXAMPLE MAY BE A SMITHY.</i>	3	3	1	1	-	-	-	-
13 WATER ABSTRACTION POINT	2	2	1	1	-	-	-	-
14 TIPS	1	1	1	1	-	-	-	-
15 QUARRY FACE	1	1	1	1	-	-	-	-
16 OBLITERATED	3	3	3	3	-	-	-	-
17 STRUCTURE <i>LARGE DILAPIDATED STRUCTURE OF CONSIDERABLE WIDTH, WITH EVIDENCE OF A PEDESTRIAN DOORWAY THROUGH IT. ALSO OF AN AXLE-BOX IN THE S.W. WALL. POSSIBLY PART OF A WHEELPIT AND A GABLE END.</i>	3	3	1	1	-	-	-	-
18 OBLITERATED <i>REPLACED BY A COTTAGE.</i>	3	3	3	3	-	-	-	-
19 WATER CHANNEL <i>EVIDENT ONLY AS TRACE. STRUCTURE OF CONSIDERABLE WIDTH, WITH EVIDENCE OF A PEDESTRIAN DOORWAY THROUGH IT. ALSO OF AN AXLE-BOX IN THE S.W. WALL. POSSIBLY PART OF A WHEELPIT AND A GABLE END.</i>	3	3	1	1	-	-	-	-
20 WATER STORAGE <i>NOT SEEN.</i>	-	-	-	-	-	-	-	-

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Diversity 2 Archive Val. 2 Archaeol. Record 3 Amenity Val. 1 Visual Amenity 1

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	RAILWAY <i>COTINUES ALONG IMPRESSIVE FORMATION AND VIA TWO INCLINES TO A LOADING BAY.</i>	1	1	1	1	-	-	-	-
2	STRUCTURE <i>FUNCTION OBSCURE.</i>	3	2	2	1	-	-	-	-
3	MILL BAY <i>3-DOOR TRANSVERSE MILL. TRUSS-LEVEL LINE SHAFTING. LARGE WINDOWS EVIDENT.</i>	3	1	1	1	-	-	-	-
4	MILL BAY <i>4-DOOR TRANSVERSE MILL. LARGE WINDOWS EVIDENT.</i>	3	3	2	1	-	-	-	-
5	PELTON WHEEL SITE <i>FUNCTION OBSCURE.</i>	3	3	2	1	-	-	-	-
6	BRIDGE <i>ABUTMENTS ONLY SURVIVE.</i>	3	3	2	1	-	-	-	-
7	BRIDGE	1	1	1	1	-	-	-	-
8	ADIT? <i>COLLAPSED.</i>	-	-	-	-	-	-	-	-
9	INCLINE COUNTERBALANCE	3	3	2	1	-	-	-	-
10	BRIDGE <i>ABUTMENTS ONLY SURVIVE. DESIGNED TO TAKE TRAMWAY OVER (9).</i>	3	3	3	1	-	-	-	-
11	ADIT <i>FLOODED.</i>	1	1	1	1	-	-	-	-
12	WEIGHBRIDGE HOUSE	3	1	1	1	-	-	-	-
13	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	3	1	1	1	-	-	-	-
14	INCLINE COUNTERBALANCE <i>DEGRADED AND TIPPED OVER.</i>	3	3	3	1	-	-	-	-
15	BARRACKS	3	2	2	1	-	-	-	-
16	WEIGHBRIDGE HOUSE	1	1	1	1	-	-	-	-
17	BRIDGE	1	1	1	1	-	-	-	-
18	GWAL	3	3	3	1	-	-	-	-
19	ADIT	1	1	1	1	-	-	-	-
20	QUARRY PIT	1	1	1	1	-	-	-	-
21	QUARRY FACE	1	1	1	1	-	-	-	-
22	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	3	2	1	1	-	-	-	-
23	WEIGHBRIDGE HOUSE	3	2	2	1	-	-	-	-
24	QUARRY PIT	1	1	2	1	-	-	-	-
25	ADIT <i>TO (24); COLLAPSED.</i>	-	-	-	-	-	-	-	-
26	BRIDGE <i>CROSSES TIP RUN FROM (25) ABUTMENTS ONLY SURVIVE.</i>	3	2	2	1	-	-	-	-
27	QUARRY FACE	2	2	2	1	-	-	-	-
28	TIPS <i>TIP RUN ON S.E. SIDE OF WATKIN PATH IS LOWER THAN ON N.W. SIDE.</i>	1	1	1	1	-	-	-	-
29	BARRACKS <i>2-STORY, LARGE.</i>	3	3	3	1	-	-	-	-
30	DWELLING <i>2-STORY.</i>	3	3	3	1	-	-	-	-
31	PRIVY?	3	3	3	1	-	-	-	-
32	ROAD	1	1	1	1	-	-	-	-
33	WATER CHANNEL	1	1	1	1	-	-	-	-
34	MILL WASTE TIP	1	1	1	1	-	-	-	-

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20255 HAFOD Y LLAN (S. SNOWDON) SH61305240

Class 2.0

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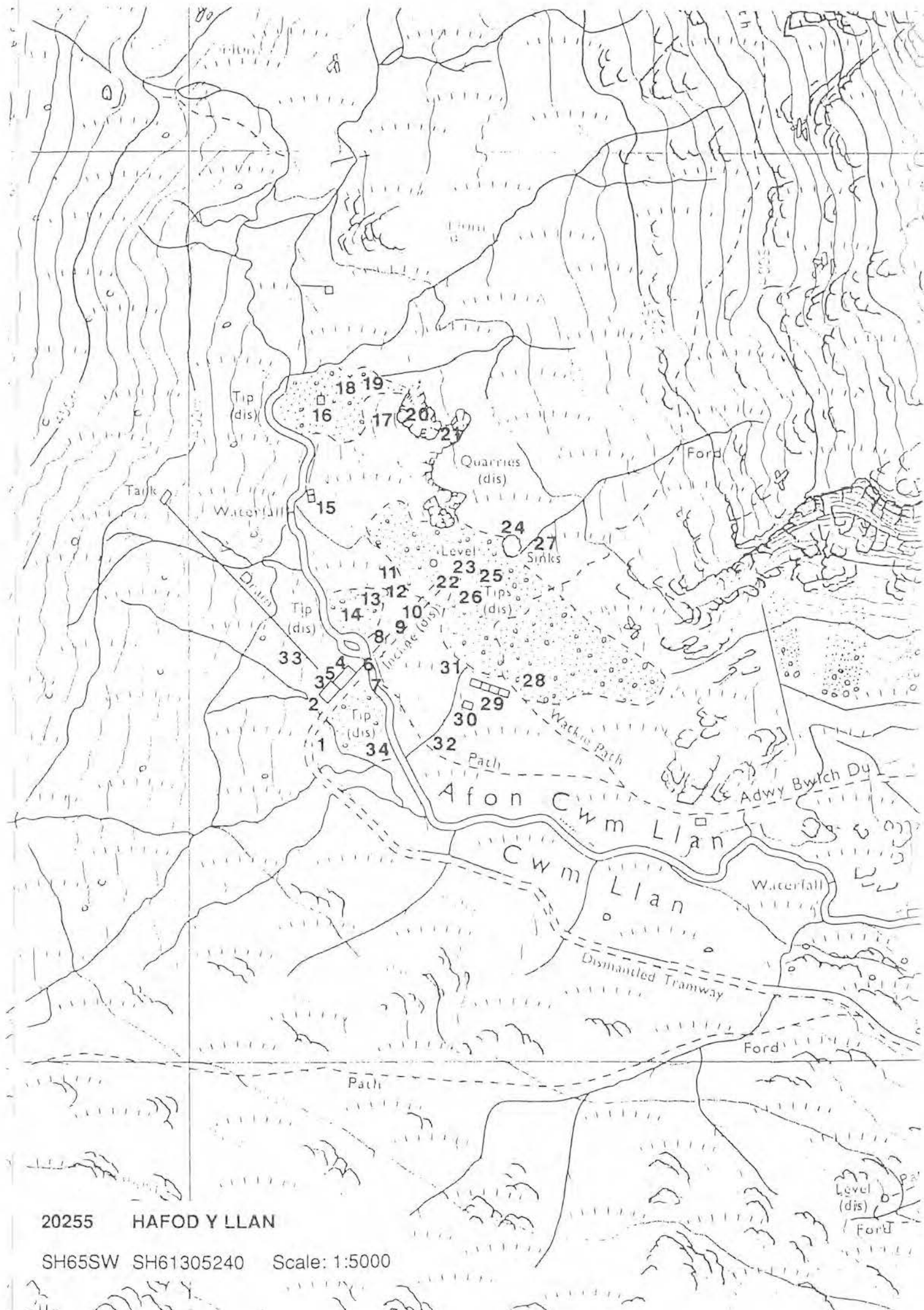
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*RICHARDS A J, 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, PP 115-6



20255 HAFOD Y LLAN

SH65SW SH61305240 Scale: 1:5000

Diversity 1 Archive Val. 1 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

This site contains the best example within the resource of a manager's house, showing the ornamentation sometimes lavished on them as a means of enhancing the manager's status. In this case, the ornamentation is slate wall-cladding, which doubtless served as an advertising feature as well. The bay-type mill is the best surviving example of its sort, and its hydraulic system is well preserved.

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	DWELLING <i>ORNATE SLATE-CLAD MANAGER'S HOUSE.</i>	1	1	1	1	-	Y	-	-
2	STRUCTURE <i>THROUGH DOORS FOR LONGITUDINAL TRAMWAY, BUT SW GABLE END NOW BLOCKED. WINDOWS ON NW WALL ALTERED. IN REUSE AS COW-SHED, ORIGINAL PURPOSE OBSCURE.</i>	1	1	1	1	-	-	-	-
3	TIPS <i>CONTAINS MAINLY BRIG.</i>	1	1	1	1	-	-	-	-
4	TIPS	1	1	1	1	-	-	-	-
5	RAILWAY	1	1	1	1	-	-	-	-
6	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	1	1	1	1	-	-	-	-
7	INCLINE COUNTERBALANCE <i>COURSE NOT CLEAR.</i>	3	3	1	1	-	-	-	-
8	RETAINING WALL	1	1	1	1	-	-	-	-
9	STRUCTURE <i>POSSIBLY STABLE</i>	1	1	1	1	-	-	-	-
10	BRIDGE <i>SLAB-BUILT.</i>	1	1	1	1	-	-	-	Y
11	MILL BAY	2	2	2	1	-	-	-	Y
12	OFFICE	2	2	2	1	-	-	-	Y
13	WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	Y
14	RAILWAY EQUIPMENT <i>T SECTION RAIL IN CHAIRS ON SLAB SLEEPERS</i>	2	2	1	3	-	-	-	Y
15	OBLITERATED	3	3	3	3	-	-	-	Y
16	PRIVY	1	1	2	3	-	-	-	Y
17	ADIT <i>COLLAPSED</i>	-	-	-	-	-	-	-	Y
18	RETAINING WALL	1	1	1	3	-	-	-	Y
19	WATERWHEEL PIT <i>PROBABLY BACKSHOT</i>	1	1	2	3	-	-	-	Y
20	WATER CHANNEL	3	2	2	1	-	-	-	Y
21	MILL <i>EXTENSION OF (11)</i>	2	1	2	1	-	-	-	Y
22	STEPS <i>TO (23).</i>	2	2	2	1	-	-	-	Y
23	STRUCTURE	2	2	2	1	-	-	-	Y
24	WATERWHEEL PIT <i>BACKSHOT? WATER FROM (24) ENTERS (20). SERVES (19).</i>	1	1	2	1	-	-	-	Y
25	STRUCTURE <i>MACHINE HOUSE? CONTAINS CHUTE-LIKE STRUCTURE ON BACK WALL, AND SLAB-LINED MACHINE BASES.</i>	2	1	2	1	-	-	-	Y
26	INCLINE UPHAULAGE <i>POWERED BY (24).</i>	1	1	2	1	-	-	-	Y
27	WATER CHANNEL	3	3	1	1	-	-	-	Y

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20259 PARC SH62604360

Class 2.0

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ROBERTS D, 1982[ARTICLE] MOSES KELLOW A CHWARELI CWM CROESOR *TMHS IX 2*, PP 229-35

Diversity 1 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

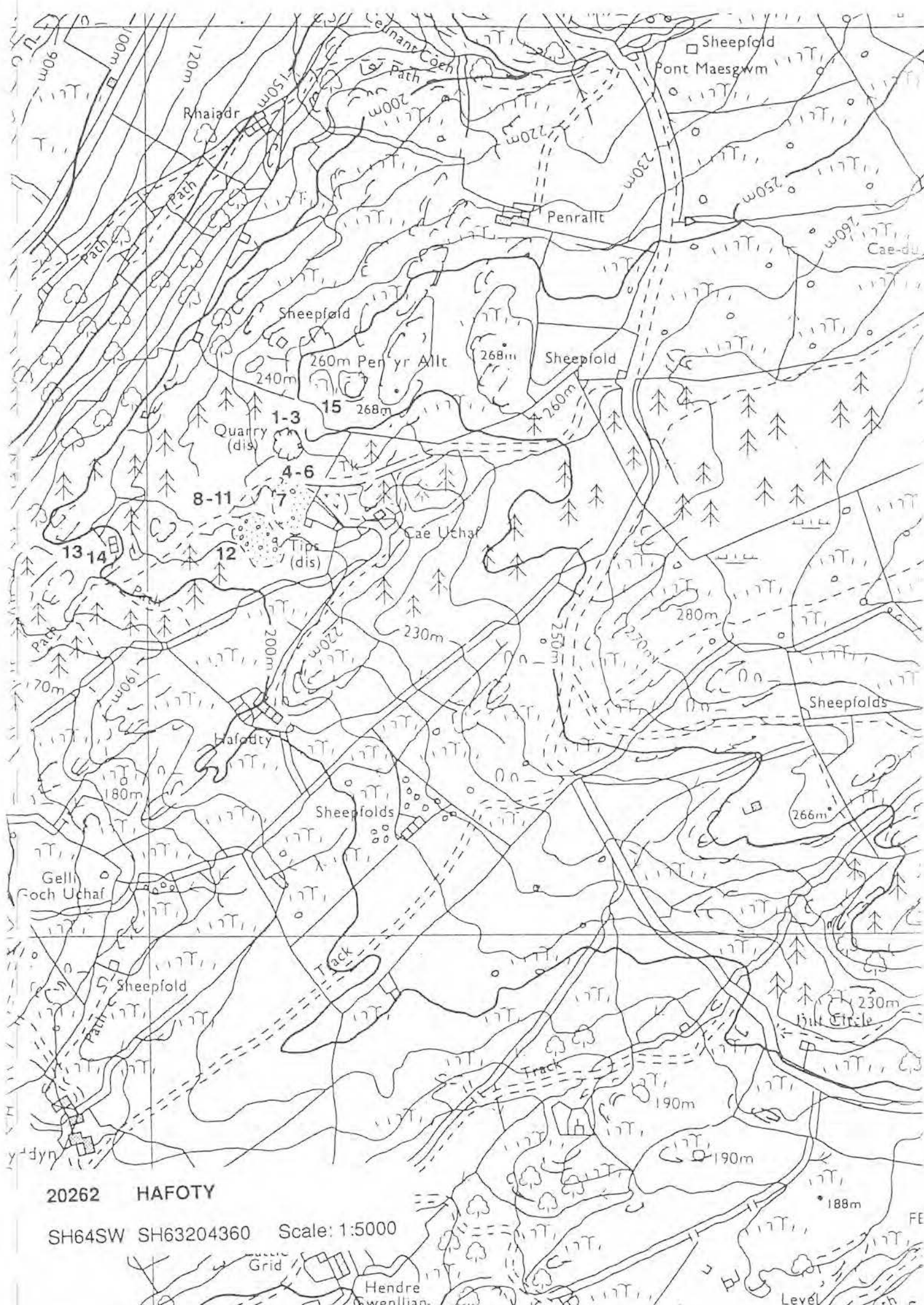
	S	C	F	V	P	R	PO	GV
1 QUARRY FACE	1	1	1	1	-	-	-	-
2 SHAFT-HEAD	1	1	1	1	-	-	-	-
3 ADIT	2	1	1	1	-	-	-	-
4 TIPS	1	1	1	1	-	-	-	-
5 GWAL?	3	2	2	1	-	-	-	-
6 CUTTING	1	1	1	1	-	-	-	-
7 ADIT COLLAPSED	-	-	-	-	-	-	-	-
8 GWAL	2	2	2	1	-	-	-	-
9 SMITHY	1	1	1	1	-	-	-	-
10 RETAINING WALL	1	1	1	1	-	-	-	-
11 MACHINE AREA SAWN ENDS OBSERVED HERE, CIRCULAR-SAWN, HAND- POWERED CIRCULAR SAW IN (8)?	1	1	1	1	-	-	-	-
12 ADIT	1	1	2	1	-	-	-	-
13 WATERWHEEL PIT	2	2	2	1	-	-	-	-
14 MILL NO EVIDENCE OF MACHINERY HAVING BEEN INSTALLED	2	2	2	1	-	-	-	-
15 SHAFT-HEAD	2	1	1	1	-	-	-	-

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20262 HAFOTY

SH64SW SH63204360 Scale: 1:5000



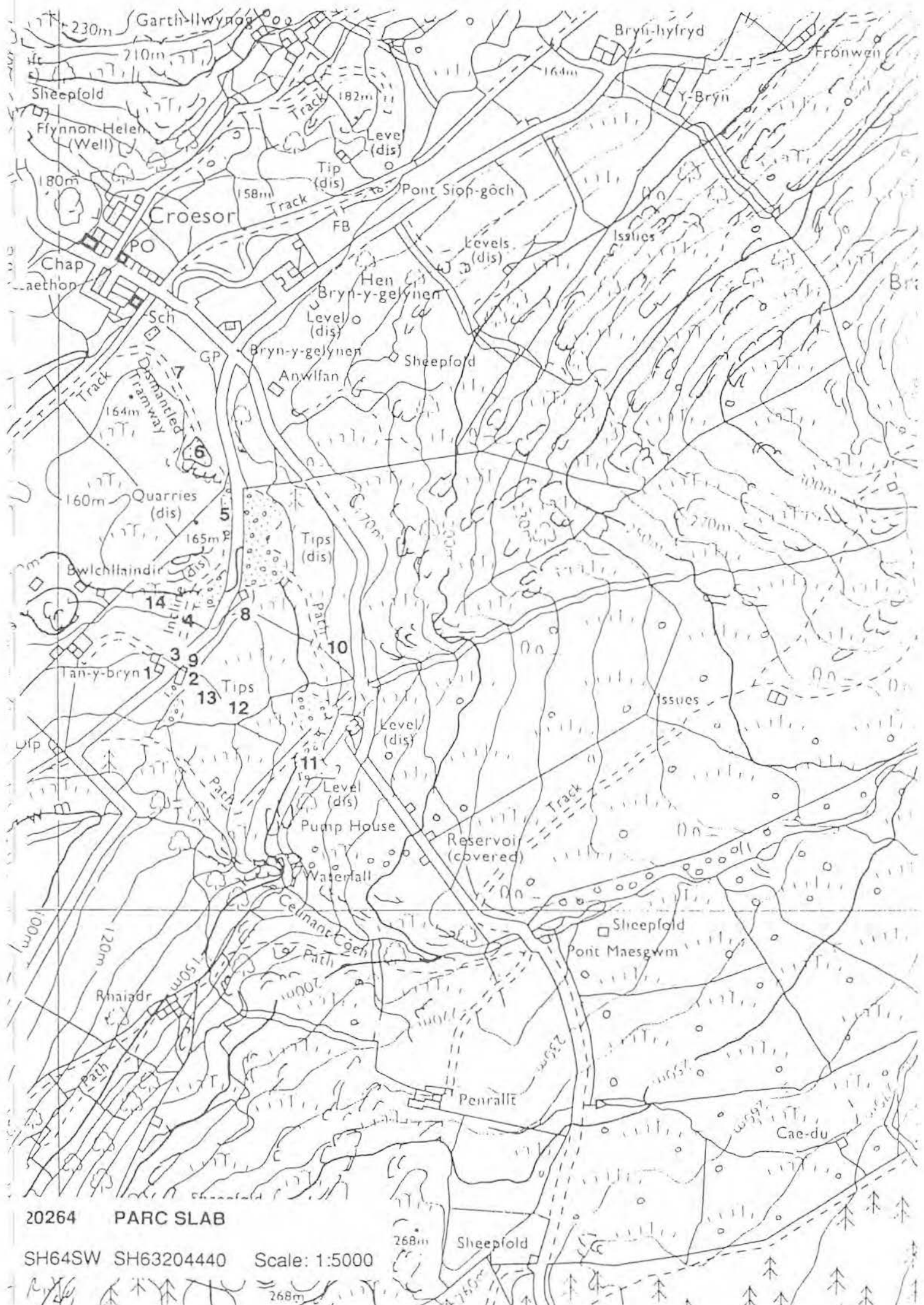
Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	MILL <i>A ROAD RUNS THROUGH THE FEATURE.</i>	3	3	2	3	-	-	-	-
2	WATERWHEEL PIT	1	2	2	1	-	-	-	-
3	CUTTING	2	2	2	1	-	-	-	-
4	INCLINE <i>MAY HAVE BEEN A TRWNC.</i>	1	2	1	1	-	-	-	-
5	GWAL	3	3	3	3	-	-	-	-
6	QUARRY PIT <i>FLOODED.</i>	1	2	2	1	-	-	-	-
7	RAILWAY <i>ACCESS TO SITE THROUGH CUTTING.</i>	1	2	1	1	-	-	-	-
8	STRUCTURE <i>THE FEATURE HAS A BUILT WATER CHANNEL THROUGH IT. AND MAY POSSIBLY HAVE HAD A HYDRAULIC FUNCTION</i>	3	3	2	1	-	-	-	-
9	STRUCTURE <i>POSSIBLY A CRANK-BASE, SUGGESTING A FLAT ROD SYSTEM.</i>	1	1	1	1	-	-	-	-
10	RAILWAY	1	1	1	1	-	-	-	-
11	QUARRY FACE	1	1	1	1	-	-	-	-
12	QUARRY FACE	1	1	1	1	-	-	-	-
13	TIPS	1	1	1	1	-	-	-	-
14	MAGAZINE?	2	2	2	1	-	-	-	-

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20264 PARC SLAB

SH64SW SH63204440 Scale: 1:5000

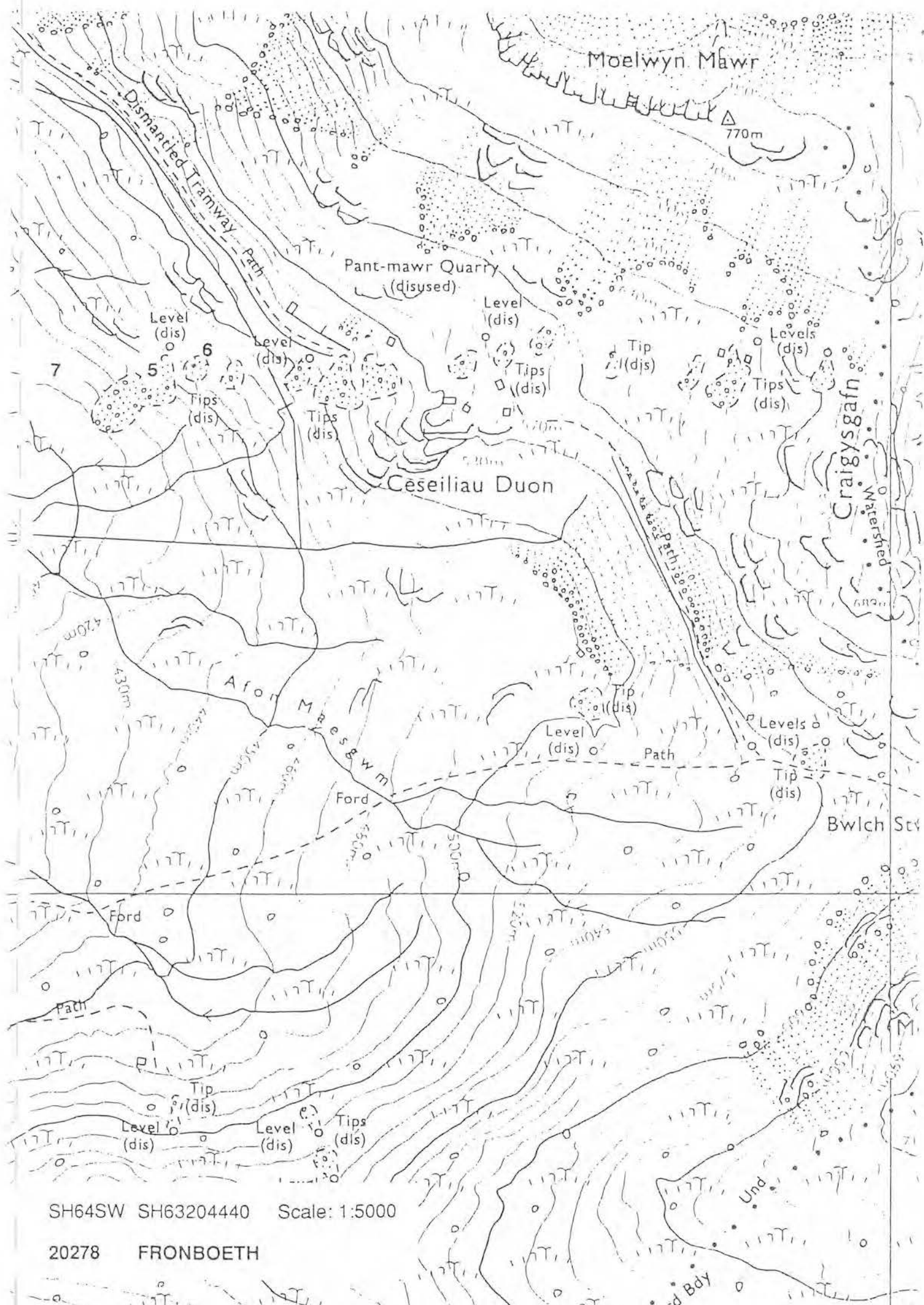
Diversity 3 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 MILL LONGITUDINAL	2	2	2	1	-	-	-	-
2 STEAM ENGINE SITE <i>LANCASHIRE BOILER SURVIVES IN SITU</i>	2	1	1	1	-	-	-	-
3 STRUCTURE	2	2	2	1	-	-	-	-
4 ADIT	-	-	-	-	-	-	-	-
5 ADIT	-	-	-	-	-	-	-	-
6 ADIT	-	-	-	-	-	-	-	-
7 INCLINE COUNTERBALANCE <i>POSSIBLY A TRWNC.</i>	2	2	2	1	-	-	-	-
8 RAILWAY	1	1	1	1	-	-	-	-
9 OFFICE <i>FOUNDATIONS ONLY, POSSIBLY A WOODEN STRUCTURE.</i>	3	3	2	1	-	-	-	-
10 INCLINE DRUMHOUSE	3	2	2	1	-	-	-	-
11 INCLINE COUNTERBALANCE	1	2	2	1	-	-	-	-
12 BRIDGE <i>ABUTMENTS ONLY.</i>	3	2	2	1	-	-	-	-
12 BRIDGE <i>ABUTMENTS ONLY SURVIVE.</i>	3	2	2	1	-	-	-	-
13 BRIDGE <i>ABUTMENTS ONLY SURVIVE.</i>	3	2	2	1	-	-	-	-
14 ADIT	-	-	-	-	-	-	-	-
15 MILL LONGITUDINAL	3	2	2	1	-	-	-	-
16 ADIT <i>EXIT RAILWAY AND UNDERGROUND WORKING.</i>	-	-	-	-	-	-	-	-
17 QUARRY FACE <i>GALLERIES EVIDENT</i>	1	1	2	1	-	-	-	-

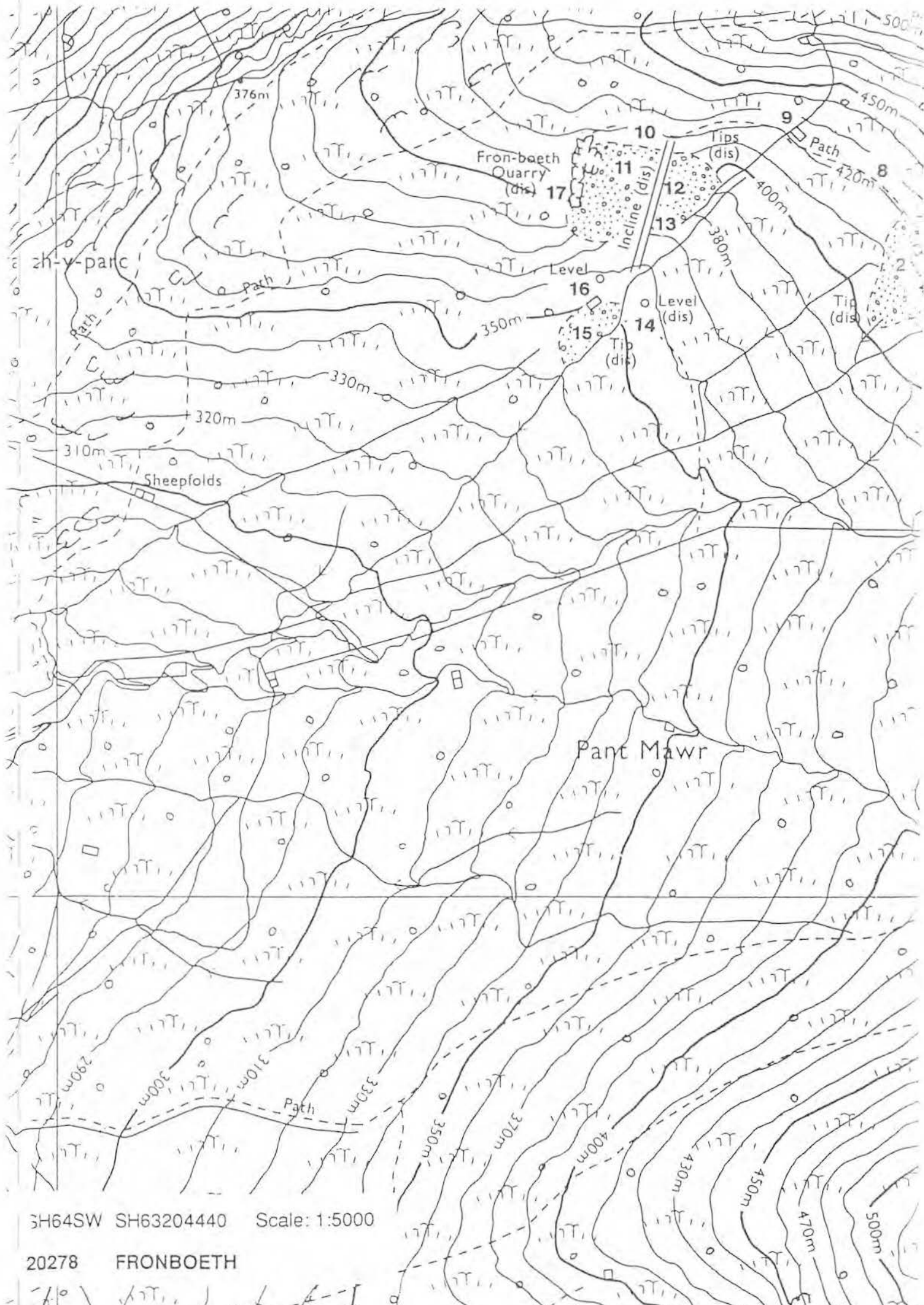
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SH64SW SH63204440 Scale: 1:5000

20278 FRONBOETH



SH64SW SH63204440 Scale: 1:5000

20278 FRONBOETH

Diversity 3 Archive Val. 1 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	INCLINE COUNTERBALANCE	1	1	2	1	-	-	-	-
2	INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	2	3	3	1	-	-	-	-
3	ADIT	1	1	1	1	-	-	-	-
4	FAN HOUSE ON (8) AND (11).	3	2	2	1	-	-	-	-
5	STRUCTURE	3	2	2	2	-	-	-	-
6	MILL	3	3	2	1	-	-	-	-
7	WORKSHOPS SITE OF KELDRIILL MANUFACTORY	3	3	2	1	-	-	-	-
8	STRUCTURE	3	3	2	1	-	-	-	-
9	STACKYARD	1	2	2	1	-	-	-	-
10	INCLINE COUNTERBALANCES UNDERGROUND MACHINERY ON SEPARATE UNDERGROUND INCLINE.	1	2	2	1	-	-	-	-
11	ELECTRIC POWER STATION IN RE-USE. TYPICAL OF SMALL EDWARDIAN POWER STATION. LARGE WINDOWS. RECTANGULAR STRUCTURE	1	1	1	2	-	-	-	-

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 ROBERTS D, 1982 [ARTICLE] MOSES KELLOW A CHWARELI CWM CROESOR TMHS LV 2, PP 229-35



20279 CROESOR

SH64NE SH65704570 Scale: 1:5000

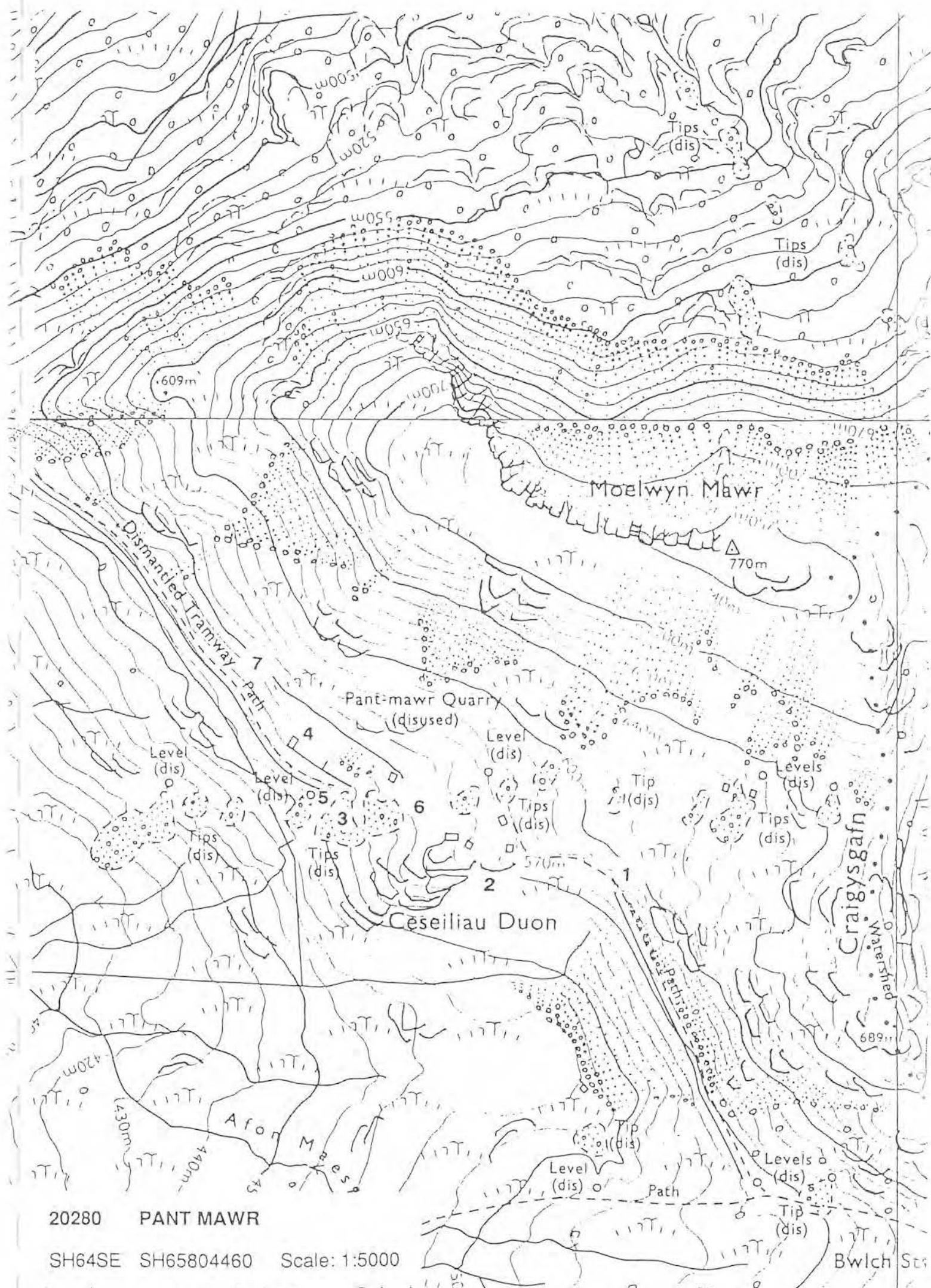
Diversity 3 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 2

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	ROAD ROAD FROM MOELWYN TO PANT MAWR: IMPRESSIVE FEATURE, WELL-ENGINEERED.	1	1	1	1	-	-	-	-
2	STRUCTURE	2	2	2	1	-	-	-	-
3	RETAINING WALL	1	1	1	1	-	-	-	-
4	MILL LONGITUDINAL	2	2	2	1	-	-	-	-
5	MILL WASTE CHUTE	1	1	1	1	-	-	-	-
6	INCLINE COUNTERBALANCE	3	2	2	1	-	-	-	-
7	RAILWAY	1	1	1	1	-	-	-	-
8	INCLINE DRUMHOUSE THROUGH DRUMHOUSE	1	1	1	1	-	-	-	-
9	INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-

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 OWEN R (BOB). [MONOGRAPH] *DIWYDIANYAL' COLL. PASSIM*
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 RICHARDS A J. 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, P 117



20280 PANT MAWR

SH64SE SH65804460 Scale: 1:5000

Bwlch Str

Diversity 1 Archive Val. 3 Archaeol. Record 1 Amenity Val. 1 Visual Amenity 1

This quarry was one of the first quarries to be archaeologically recorded, and is well known for its well preserved underground remains. The exit incline and railway are scheduled. The range of structures near the top of the quarry best exemplify the intermediate stage of quarry development after trialling had proved successful but before large and permanent structures could be erected. This stage is usually destroyed by later working. The mill is the only example in the resource where it is known that a portable steam engine was used.

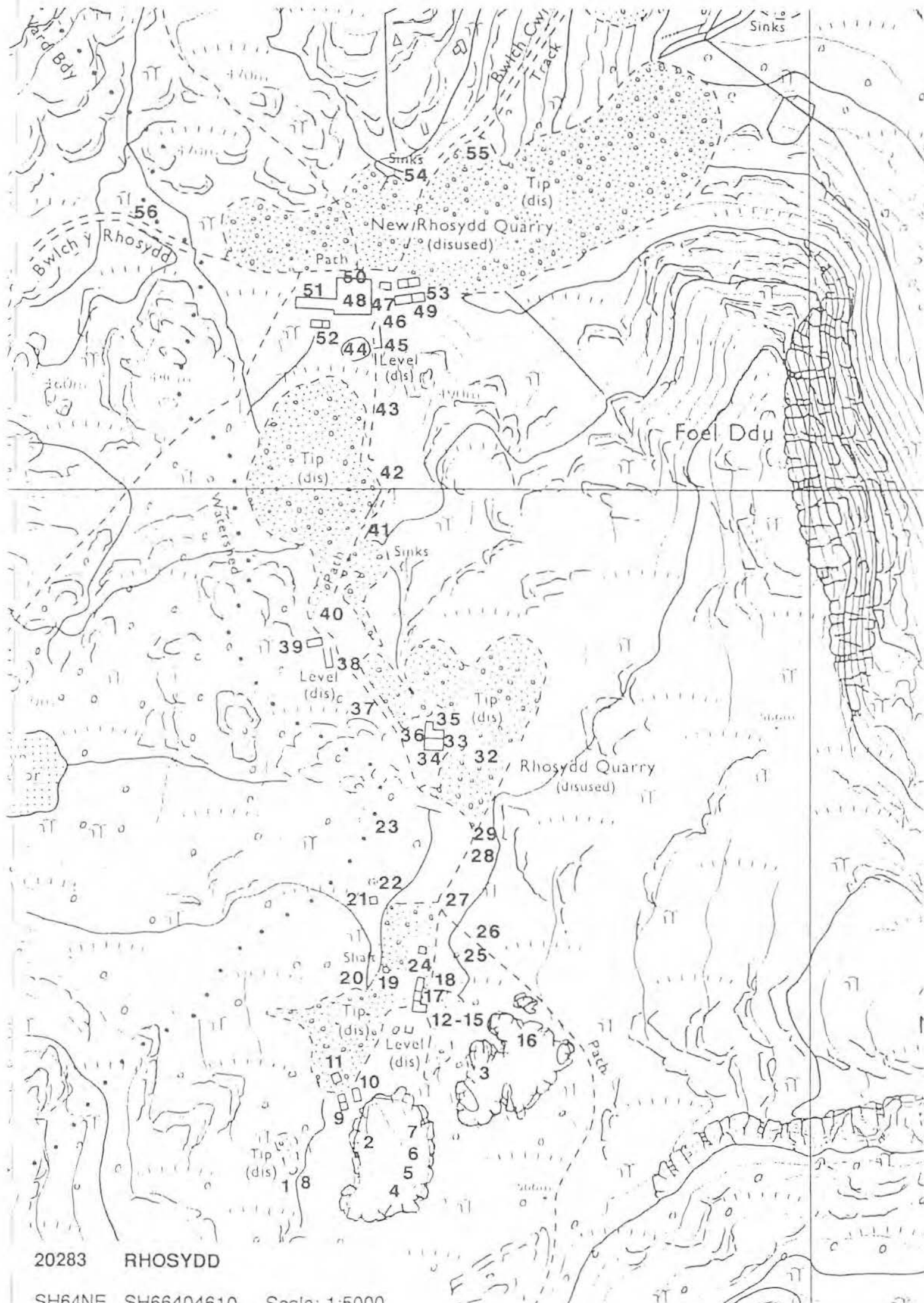
LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 ADIT	-	-	-	-	-	-	-	Y
2 QUARRY PIT	1	1	2	1	-	-	-	Y
3 QUARRY PIT	1	1	2	1	-	-	-	Y
4 INCLINE COUNTERBALANCE	2	3	2	1	-	-	-	Y
5 INCLINE COUNTERBALANCE	2	3	1	1	-	-	-	Y
6 RAILWAY	2	2	2	1	-	-	-	Y
7 ADIT	1	1	1	1	-	-	-	Y
8 WATER CHANNEL	2	2	2	1	-	-	-	Y
9 GWALIAU	2	2	2	1	-	-	-	Y
10 STRUCTURE	2	2	2	1	-	-	-	Y
11 SMITHY	2	2	2	1	-	-	-	Y
12 ADIT	-	-	-	-	-	-	-	Y
13 WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	Y
14 OFFICE	2	2	2	1	-	-	-	Y
15 MILL	2	2	2	1	-	-	-	Y
<i>VERY SMALL BUILDING. SUFFICIENT FOR ONE SAW TABLE. POWERED BY PORTABLE STEAM ENGINE.</i>								
16 ADIT	-	-	-	-	-	-	-	Y
17 GWALIAU	2	2	2	1	-	-	-	Y
18 SMITHY	2	2	2	1	-	-	-	Y
19 SHAFT-HEAD	2	2	2	1	-	-	-	Y
20 WATER CHANNEL	2	2	2	1	-	-	-	Y
21 PUMP-ENGINE HOUSE	2	2	2	1	-	-	-	Y
22 FLATROD SUPPORTS	2	2	2	1	-	-	-	Y
23 SHAFT-HEAD	2	-	-	3	-	-	-	Y
<i>VISIBLE AS SLAB LINE SHAFT. NOT EXPLORED FURTHER.</i>								
24 MAGAZINE	2	2	2	1	-	-	-	Y
25 PATH	1	1	1	1	-	-	-	Y
26 WATER CHANNEL	2	2	2	1	-	-	-	Y
27 RAILWAY	1	1	1	1	-	-	-	Y
28 EMBANKMENT	1	1	1	1	-	-	-	Y
29 FLATROD SUPPORTS	2	2	2	1	-	-	-	Y
30 WATER STORAGE	2	2	2	1	-	-	-	Y
<i>RESERVOIR IMPOUNDED BY DAM.</i>								
31 INCLINE DRUMHOUSE	2	2	2	1	-	-	-	Y
<i>THROUGH DRUMHOUSE. RESERVOIR IMPOUNDED BY DAM.</i>								
32 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y
33 WATERWHEEL PIT	1	2	2	1	-	-	-	Y
34 GWALIAU	2	1	2	1	-	-	-	Y
<i>ALSO CONTAIN INDIVIDUAL LOADING BAYS.</i>								
35 MILL TRANSVERSE	2	1	2	1	-	-	-	Y
<i>EVIDENCE OF LOADING BAYS IN WESTERN GABLE WALL.</i>								
36 STACKYARD	2	2	2	1	-	-	-	Y
37 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y
38 ADIT	-	-	-	-	-	-	-	Y
39 BARRACKS	2	3	2	1	-	-	-	Y
40 INCLINE DRUMHOUSE	2	2	2	1	-	-	-	Y
<i>THROUGH DRUMHOUSE.</i>								
41 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y
42 INCLINE DRUMHOUSE	2	2	2	1	-	-	-	Y
<i>REMOTE.</i>								
43 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	Y

20283 RHOSYDD SH66404610					Class			1.0	
44	WATER STORAGE	2	2	2	1	-	-	-	Y
45	ADIT	1	1	1	1	-	-	-	Y
46	ADIT HAULAGE MECHANISM ENDLESS ROPE SYSTEM. POWERED BY (47).	3	3	2	2	-	-	-	Y
47	WATERWHEEL PIT	2	2	2	1	-	-	-	Y
48	WATERWHEEL PIT POWERED (50) AND (51).	2	2	2	1	-	-	-	Y
49	SMITHY	2	2	2	1	-	-	-	Y
50	MILL LONGITUDINAL	3	3	2	1	-	-	-	Y
51	MILL TRANSVERSE	3	3	2	1	-	-	-	Y
52	STORE	2	2	2	1	-	-	-	Y
53	BARRACKS	1	1	1	1	-	-	-	Y
54	WATERWHEEL PIT WATER WHEEL PIT; NO EVIDENCE OF IT EVER HAVING WORKED - PROJECT ABORTED BEFORE COMPLETION?	1	1	1	1	-	-	-	Y
55	ROAD	1	1	1	1	-	-	-	Y
56	RAILWAY LEVEL RAILWAY TO THE SUMMIT OF THE VERTIGINOUS RHOSYDD COUNTER-BALANCE INCLINE.	1	1	1	1	-	-	-	Y

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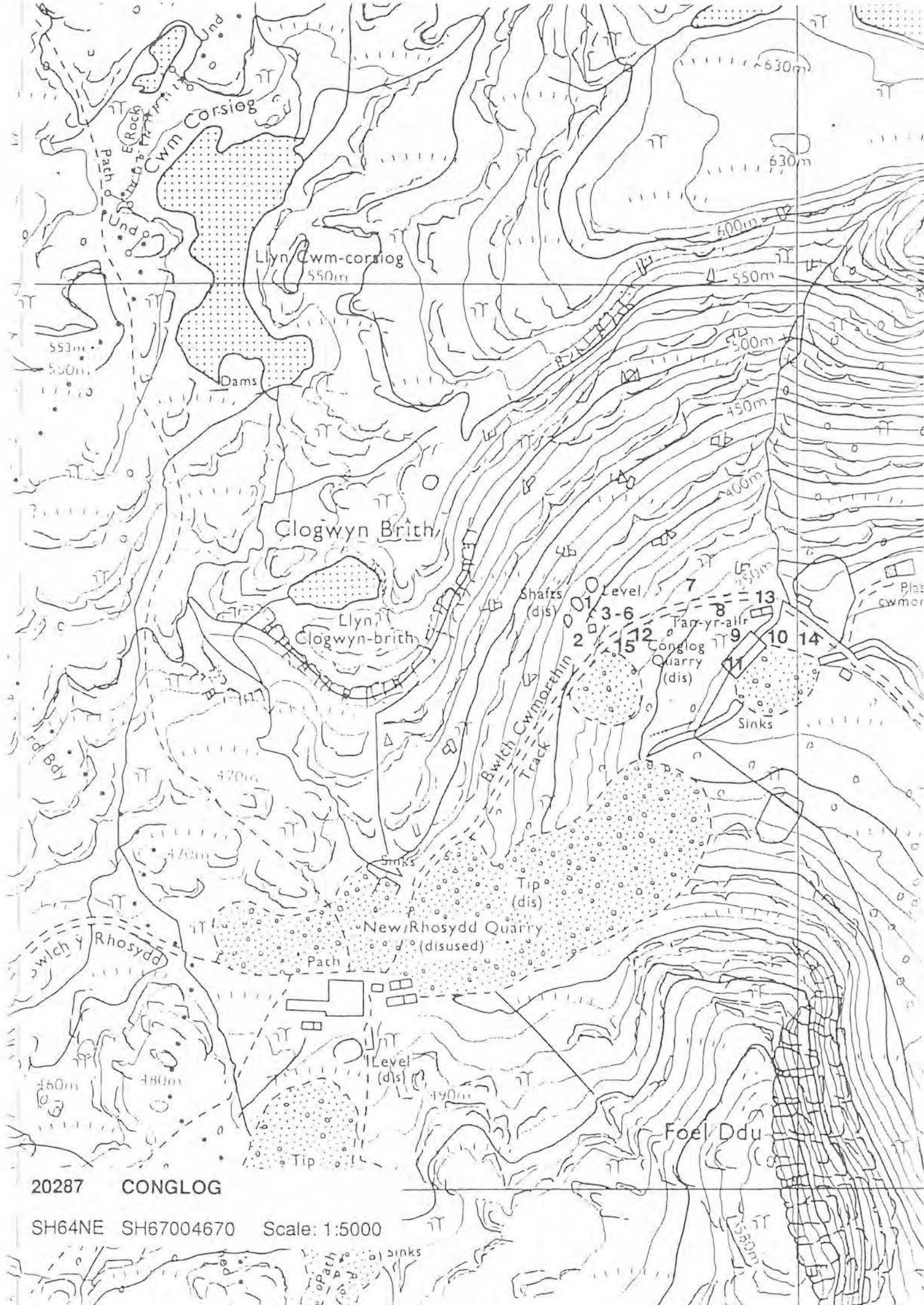
Diversity 3 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 ADIT	1	1	1	1	-	-	-	-
2 WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	-
3 INCLINE DRUMHOUSE THROUGH DRUMHOUSE	3	3	3	1	-	-	-	-
4 EMBANKMENT	2	3	2	1	-	-	-	-
5 BRIDGE ABUTMENT ONLY	1	3	3	1	-	-	-	-
6 LAUNDER SYSTEM PILLARS	2	2	2	1	-	-	-	-
7 WATER CHANNEL	2	2	2	1	-	-	-	-
8 LAUNDER SYSTEM PILLARS; HEAVILY BUTTRESSED	1	2	2	1	-	-	-	-
10 WATERWHEEL PIT	3	3	3	1	-	-	-	-
11 MILL LONGITUDINAL IN RE-USE AS SHEEP-PEN. HEAVILY BUTTRESSED	2	2	2	1	-	-	-	-
12 INCLINE COUNTERBALANCE ON (8) AND (11)	2	2	1	1	-	-	-	-
13 DWELLING 2-STOREY	1	1	2	1	-	-	-	-
14 ROAD PARTLY ON A SHARED FORMATION. AT PLACES SOME SLEEPERS AND "T" SECTION RAILS SURVIVE FROM THE PARALLEL RAILWAY	1	1	1	1	-	-	-	-
15 ADIT COLLAPSED	-	-	-	-	-	-	-	-

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 RICHARDS A L 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, P 126



20287 CONGLOG

SH64NE SH67004670 Scale: 1:5000

Diversity 1 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

LIST OF QUARRY FEATURES

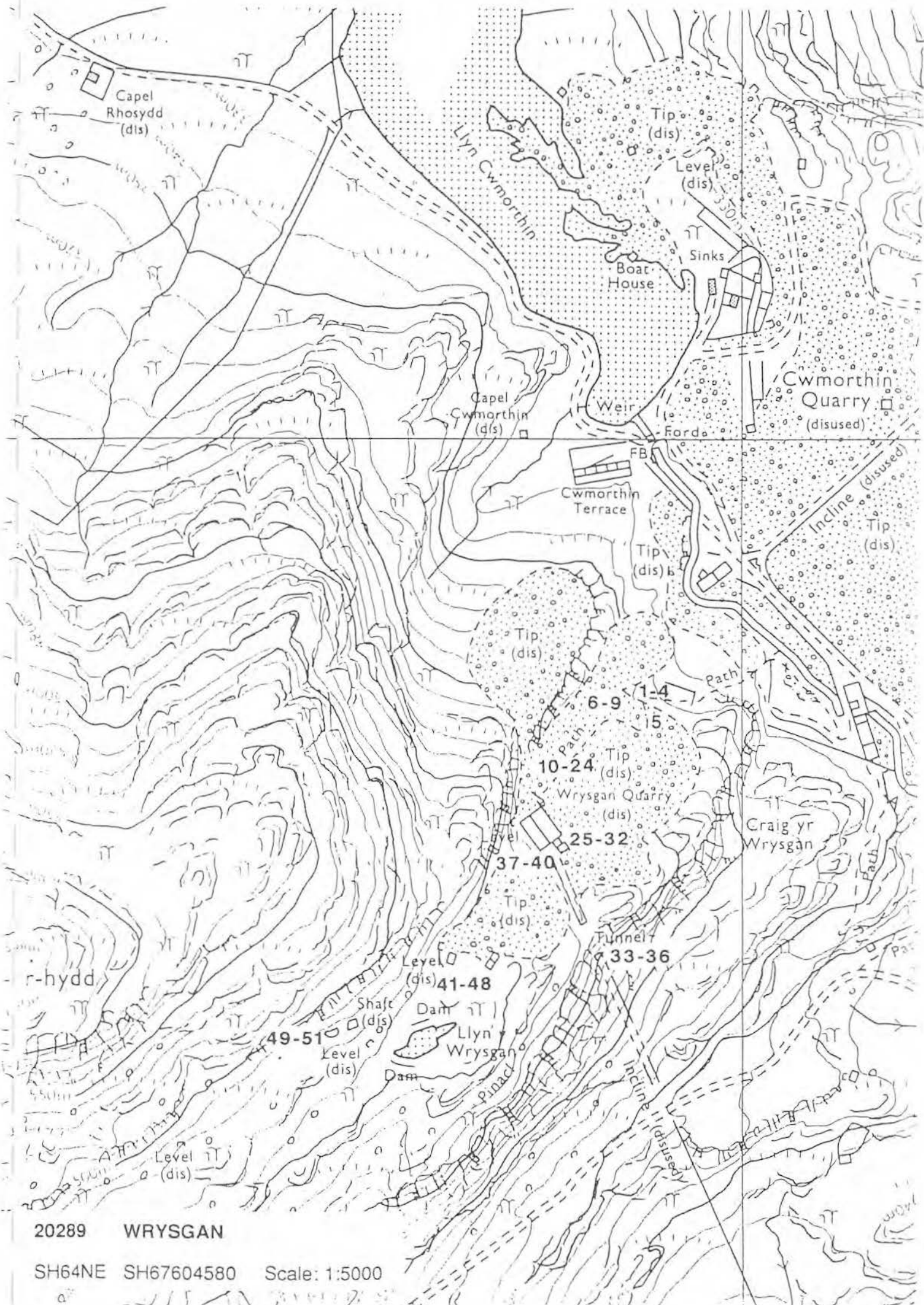
		S	C	F	V	P	R	PO	GV
1	PATH	1	2	1	1	-	-	-	-
2	LOADING AREA. <i>RETAINING WALL; KNOWN LOCALLY AS "CEI MUOD".</i>	2	2	1	1	-	Y	-	-
3	WALL	1	2	1	1	-	-	-	-
4	STEPS	1	2	1	1	-	-	-	-
5	PATH	1	2	1	1	-	-	-	-
6	RAILWAY <i>PRECIPITOUS EMBANKMENT.</i>	1	2	2	1	-	-	-	-
7	CABAN	3	2	2	1	-	-	-	-
8	WEIGHBRIDGE HOUSE	3	2	2	1	-	-	-	-
9	ADIT	1	1	2	1	-	-	-	-
10	INCLINE <i>COUNTERBALANCE? TRWNC?</i>	3	3	2	1	-	-	-	-
11	WALL <i>PART OF DRUMHOUSE?</i>	3	3	2	1	-	-	-	-
12	BLAST SHELTER <i>PRECIPITOUS EMBANKMENT.</i>	1	1	2	1	-	-	-	-
13	ADIT <i>COLLAPSED.</i>	-	-	-	-	-	-	-	-
14	RETAINING WALL	1	3	3	3	-	-	-	-
15	STRUCTURE	2	2	2	1	-	-	-	-
16	INCLINE	2	2	2	1	-	-	-	-
17	STEPS	2	2	2	1	-	-	-	-
18	ABUTMENT?	2	2	2	1	-	-	-	-
19	RAILWAY	1	1	3	3	-	-	-	-
20	BRIDGE <i>UNDER INCLINE. BLOCKED</i>	1	1	1	1	-	-	-	-
21	INCLINE	2	2	2	1	-	-	-	-
22	INCLINE	2	2	2	1	-	-	-	-
23	STEPS	2	2	2	1	-	-	-	-
24	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE. SOME IRONWORK</i>	2	1	2	1	-	-	-	-
25	MILL LONGITUDINAL	3	2	3	1	-	-	-	-
26	MACHINE BASE <i>BRICK STRUCTURE.</i>	3	2	2	1	-	-	-	-
27	WEIGHBRIDGE HOUSE <i>FRAGMENTS ONLY.</i>	1	1	2	1	-	-	-	-
28	MILL ENGINE HOUSE <i>CONTAINS BASE FOR POWER SOURCE AND COMPRESSOR.</i>	3	2	3	1	-	-	-	-
29	WATERWHEEL PIT <i>UNDER INCLINE. BLOCKED</i>	1	1	1	1	-	-	-	-
30	PILLAR <i>FOR HEADER TANK?</i>	3	3	3	1	-	-	-	-
31	LAUNDER SYSTEM <i>PILLARS.</i>	3	3	2	1	-	-	-	-
32	STRUCTURE <i>THREE SECTIONS. N.E. IS A CABAN.</i>	2	2	2	1	-	-	-	-
33	RAILWAY EQUIPMENT <i>RAILS IN SITU.</i>	1	3	2	1	-	-	-	-
34	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE. BUILT AS COUNTERBALANCE. ON EVIDENCE OF (35) LATER USED AS POWERED INCLINE.</i>	2	1	2	1	-	-	-	-
35	INCLINE WINDING ENGINE <i>BOTH LORRY ENGINE AND STEAM ENGINE REMAINS SURVIVE HERE.</i>	2	2	1	1	-	-	-	-
36	ADIT	1	1	1	1	-	-	-	-
37	ADIT	1	1	1	1	-	-	-	-
38	INCLINE COUNTERBALANCE	2	2	2	1	-	-	-	-

20289 WRYSGAN SH67604580

					Class	2.0		
39	INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	2	2	2	1	-	-	-
40	WATER CHANNEL	2	2	1	1	-	-	-
41	ADIT	1	1	1	1	-	-	-
42	STRUCTURE	3	2	2	1	-	-	-
43	STRUCTURE 2-STORY.	3	2	2	1	-	-	-
44	MILL BAY	3	3	2	2	-	-	-
45	WATERWHEEL PIT	2	2	2	1	-	-	-
46	STRUCTURE OPEN-SIDED SHED.	3	3	2	2	-	-	-
47	STRUCTURE LEAN-TO. TRIMMING WASTE NEARBY.	2	2	2	1	-	-	-
48	WATER CHANNEL	3	3	2	1	-	-	-
49	WATER STORAGE RESERVOIR CONTAINED BY 2 SEPARATE DAMS.	1	1	1	1	-	-	-
50	ADIT	1	1	1	1	-	-	-

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20289 WRYSGAN

SH64NE SH67604580 Scale: 1:5000

Diversity 1 Archive Val. 1 Archaeol. Record 1 Amenity Val. 1 Visual Amenity 1

The largest slate mine in Gwynedd, fully operational until 1970, and now working on a small scale as an open quarry and as a tourist facility. Much of the archaeology has been destroyed or scrapped. However the abutments for the Welsh Slate Company's unique viaduct of the 1850s are the impressive surviving parts of what was built as a timber trestle structure (illustrating the influence of mainstream railway engineering practice on the industry), and was rebuilt as a girder viaduct. Its scale demonstrates the problems that slate quarries had in gaining access to tipping space and processing areas.

LIST OF QUARRY FEATURES

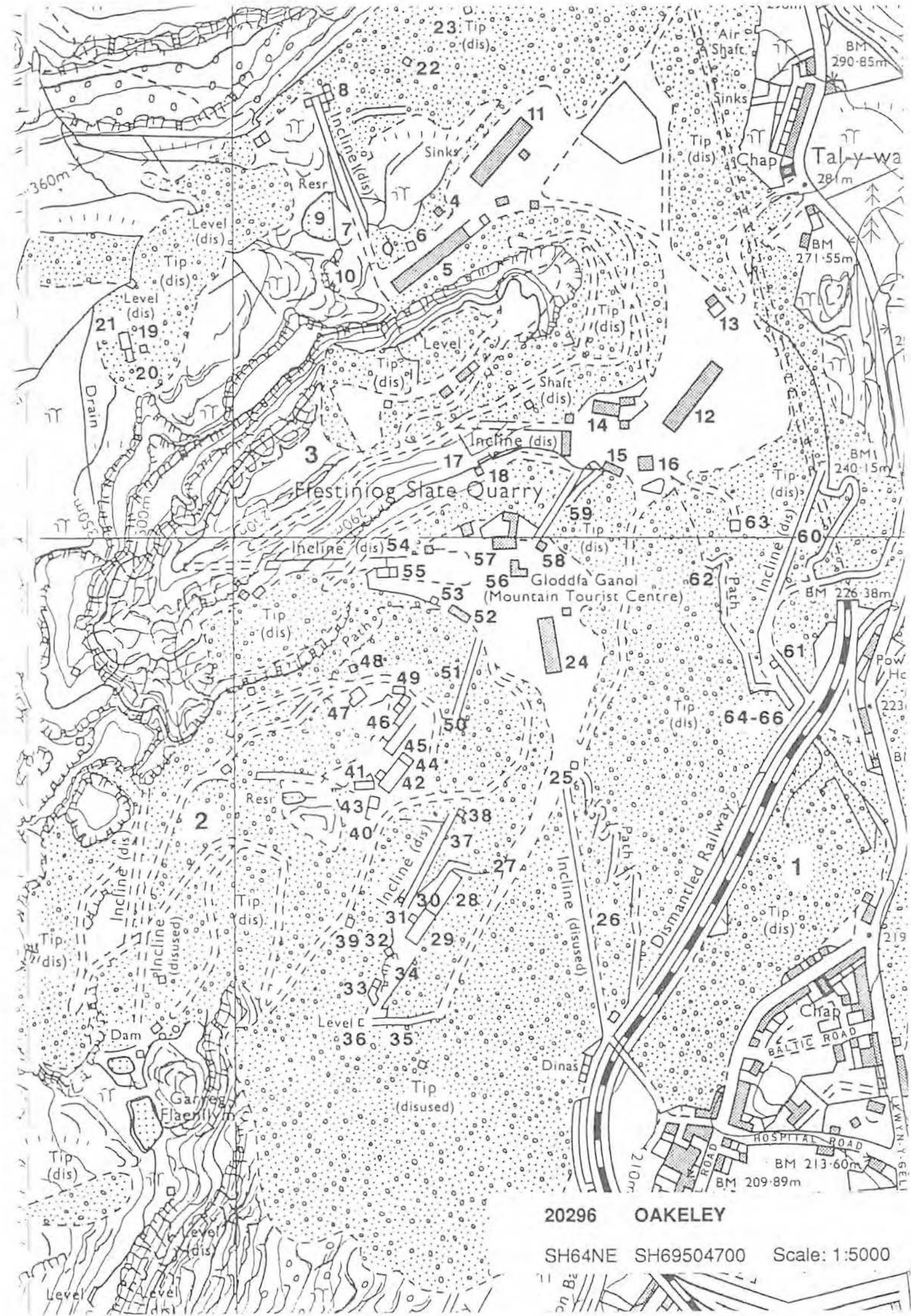
	S	C	F	V	P	R	PO	GV
1 OBLITERATED	3	3	3	3	-	-	-	-
2 QUARRY AREA <i>NOT VISITED BECAUSE OF BLASTING REGULATIONS.</i>	-	-	-	-	-	-	-	-
3 OBLITERATED	3	3	3	3	-	-	-	-
4 ELECTRICITY SUBSTATION	1	1	1	1	-	-	-	-
5 MILL <i>19C MILL IN RE-USE.</i>	1	1	1	1	-	-	-	-
6 HAULAGE SHAFT-HEAD <i>WATER-BALANCE OPERATED</i>	3	3	1	1	-	-	-	-
7 INCLINE UPHAULAGE MECHANICAL <i>CARRIED ON LARGE EMBANKMENT</i>	1	1	2	1	-	-	-	-
8 INCLINE WINDING HOUSE <i>CLINKER AND FIREBARS NOTED HERE</i>	1	3	2	1	-	-	-	-
9 WATER STORAGE <i>RESERVOIR IMPOUNDED BY DAM.</i>	1	1	1	1	-	-	-	-
10 ADIT	1	1	1	1	-	-	-	-
11 MILL <i>CORNER ONLY SURVIVES</i>	3	2	2	1	-	-	-	-
12 MILL <i>IN RE-USE AS WAREHOUSE</i>	1	1	1	1	-	-	-	-
13 ELECTRICITY SUBSTATION	1	1	1	1	-	-	-	-
14 WORKSHOPS <i>IN RE-USE AS GARAGE</i>	1	1	1	1	-	-	-	-
15 STRUCTURE	1	1	1	1	-	-	-	-
16 OFFICE	1	1	1	1	-	-	-	-
17 INCLINE UPHAULAGE WATERBALANCE	3	3	3	1	-	-	-	-
18 INCLINE WINDING HOUSE WATERBALANCE	2	1	2	1	-	-	-	-
19 INCLINE WINDING HOUSE <i>FOR STEAM WINDER</i>	3	2	2	1	-	-	-	-
20 INCLINE UPHAULAGE STEAM <i>DEGRADED.</i>	3	3	3	1	-	-	-	-
21 INCLINE WINDING HOUSE	2	2	2	1	-	-	-	-
22 GWAL	3	2	2	1	-	-	-	-
23 SHELTER	2	2	2	1	-	-	-	-
24 MILL <i>IN RE-USE, BOTH AS A MILL AND AS A RAILWAY MUSEUM.</i>	2	1	1	1	-	-	-	-
25 INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	1	1	1	1	-	-	-	-
26 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
27 INCLINE DRUMHOUSE	3	3	2	1	-	-	-	-
28 MILL <i>UNDER RECONSTRUCTION.</i>	3	1	3	1	-	-	-	-
29 MILL	1	1	1	1	-	-	-	-
30 CHIMNEY <i>SQUARE PLAN.</i>	1	1	2	1	-	-	-	-
31 MILL ENGINE HOUSE	3	3	2	1	-	-	-	-
32 RETAINING WALL	1	1	2	1	-	-	-	-
33 STRUCTURE	1	1	2	1	-	-	-	-
34 DWELLING <i>2-STOREY.</i>	1	1	3	1	-	-	-	-
35 WEIGHBRIDGE HOUSE	1	1	1	1	-	-	-	-
36 ADIT	1	1	1	1	-	-	-	-

20296 OAKELEY SH69504700					Class		2.0	
37	INCLINE COUNTERBALANCE <i>STEPS ALONGSIDE.</i>	2	2	2	1	-	-	-
38	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	1	1	2	1	-	-	-
39	PRIVY	1	1	2	1	-	-	-
40	LOCOMOTIVE SHED	3	1	1	1	-	-	-
41	DWELLINGS <i>POSSIBLY A BARRACKS.</i>	3	3	3	1	-	-	Y
42	MILL	3	3	2	1	-	-	Y
43	ELECTRIC MOTOR	2	2	2	1	-	-	Y
44	MILL ENGINE HOUSE <i>CHIMNEY BASE AND IRON CHINEY STACK SURVIVE.</i>	1	2	2	1	-	-	Y
45	BARRACKS <i>2-STOREY.</i>	2	1	2	1	-	-	Y
46	STRUCTURE <i>CIRCULAR, ORIGINALLY BUILT OUT OF COUNTRY ROCK, RECTANGULAR ADDITIONS BUILT OUT OF SLATE AND INTERNALLY RENDERED.</i>	2	1	2	1	-	-	Y
47	BARRACKS	2	1	2	1	-	-	Y
48	WEIGHBRIDGE HOUSE	1	1	1	1	-	-	Y
49	BARRACKS	3	2	2	1	-	-	Y
50	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	2	1	3	1	-	-	-
51	INCLINE COUNTERBALANCE	1	1	1	1	-	-	-
52	DWELLINGS <i>REBUILT BY TOURIST CONCERN.</i>	1	1	1	1	-	-	-
53	WEIGHBRIDGE HOUSE	1	1	1	1	-	-	-
54	INCLINE UPHHAULAGE MECHANICAL	2	1	3	1	-	-	-
55	INCLINE WINDING HOUSE <i>ONLY PART SURVIVES. SIMILAR TO MAENOFFEREN BACK VEIN INCLINE. 20306 17-20.</i>	3	1	1	1	-	-	-
56	ELECTRICITY SUBSTATION <i>IN RE-USE AS SHOP</i>	1	1	1	1	-	-	-
57	STORE <i>IN RE-USE AS RESTAURANT</i>	3	1	1	1	-	-	-
58	INCLINE WINDING HOUSE ELECTRICAL <i>EQUIPMENT RESTORED</i>	1	1	1	1	-	-	-
59	INCLINE UPHHAULAGE ELECTRIC <i>RAILS, ETC RESTORED</i>	1	1	1	1	-	-	-
60	INCLINE COUNTERBALANCE <i>NOT VISITED.</i>	-	-	-	-	-	-	-
62	PATH <i>NOT VISITED.</i>	-	-	-	-	-	-	-
63	PATH <i>NOT VISITED.</i>	-	-	-	-	-	-	-
64	WEIGHBRIDGE HOUSE <i>NOT VISITED.</i>	-	-	-	-	-	-	-
65	BRIDGE <i>SLATE PILLARS AND ABUTMENTS ONLY SURVIVE. INITIALLY CONSTRUCTED AS TIMBER TRESTLE VIADUCT TO GIVE ACCESS TO (1). LARGE STRUCTURE, WELL ENGINEERED.</i>	3	1	1	1	-	Y	-

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Diversity 1 Archive Val. 1 Archaeol. Record 2 Amenity Val. 1 Visual Amenity 1

A working quarry, situated on the east side of the Crimea road. It also operates a tourist venture, "Quarry Tours", which makes use of the original workings. A considerable number of early features survive on this site. The most important is the power station, a complete Edwardian hydro-generating station in full working order, still supplying the grid.

LIST OF QUARRY FEATURES

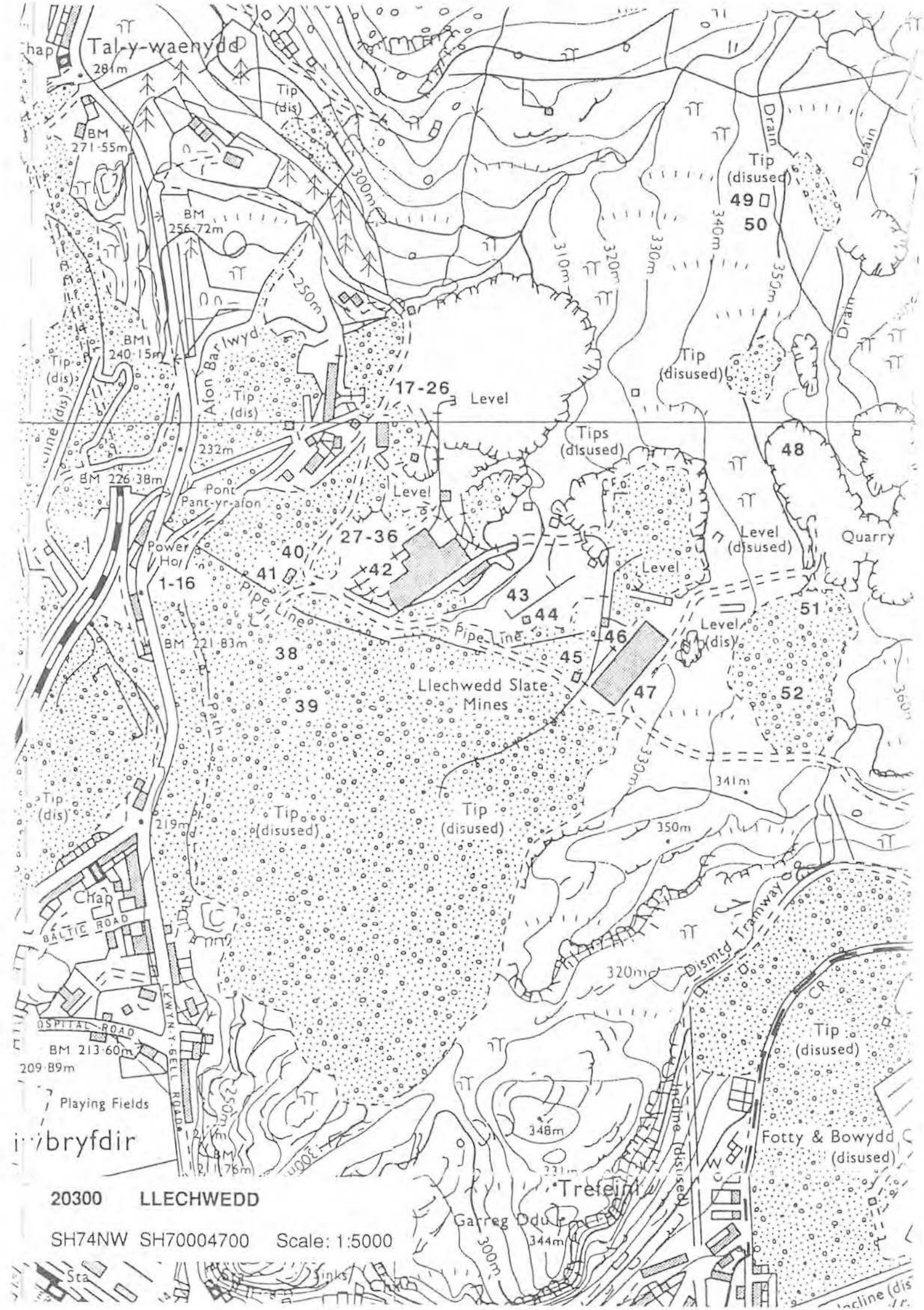
		S	C	F	V	P	R	PO	GV
1	ELECTRIC POWER STATION <i>IN USE. CONTAINS TWO GILBERT GILKES PELTONS EACH OPERATING A JOHNSON AND PHILLIPS 175 KW D.C. GENERATOR AT 385 RPM. FLYWHEEL ON EACH DRIVE AXLE. 2 SURGE TANKS. GANTRY CRANE.</i>	1	1	1	1	-	Y	-	Y
2	BRIDGE <i>ROAD CROSSES RAILWAY.</i>	1	1	1	1	-	-	-	Y
3	BRIDGE <i>GIRDER BRIDGE WITH WOODEN DECKING.</i>	2	2	2	1	-	-	-	Y
4	RAILWAY EQUIPMENT <i>LENGTHS OF RAIL, INCLUDING STUB POINTS, SURVIVE BETWEEN (2) AND (3).</i>	1	1	1	1	-	-	-	Y
5	BRIDGE <i>PARTLY BLOCKED.</i>	1	3	1	1	-	-	-	Y
6	INCLINE COUNTERBALANCE <i>RAILS REMOVED.</i>	1	1	1	1	-	-	-	Y
7	BRIDGE <i>CARRIES MAIN ROAD OVER RIVER</i>	1	1	1	1	-	-	-	Y
8	BRIDGE <i>SITE ONLY.</i>	3	3	3	3	-	-	-	Y
9	WATER PIPE <i>SUPPLIES (1).</i>	1	1	1	1	-	-	-	Y
10	BRIDGE <i>STANDARD GAUGE GIRDER BRIDGE OVER RIVER.</i>	1	1	1	1	-	-	-	Y
11	WEIGHBRIDGE HOUSE <i>POSSIBLE PRIVY BEHIND. PYRAMID-ROOFED STRUCTURE. WEIGHBRIDGE MECHANISM LARGELY SURVIVES.</i>	1	1	1	1	-	-	-	Y
12	STRUCTURE <i>OPEN-FRONTED LOADING SHED.</i>	1	1	1	1	-	-	-	Y
13	CRANE <i>STANDARD RAILWAY GOODS-YARD HAND-CRANE.</i>	1	1	1	1	-	-	-	Y
14	LOADING AREA	1	1	1	1	-	-	-	Y
15	RAILWAY <i>SITE OF STANDARD GAUGE SIDINGS. PARTLY COVERED WITH RUBBLE.</i>	1	3	1	1	-	-	-	Y
16	RAILWAY <i>COURSE OF FESTINIOG RAILWAY.</i>	2	2	1	1	-	-	-	Y
17	BRIDGE	1	1	1	1	-	-	-	-
18	DWELLINGS <i>IN RE-USE BY LLECHWEDD CAVERNS.</i>	1	1	1	1	-	-	-	-
19	INCLINE UPHHAULAGE <i>IN RE-USE BY LLECHWEDD CAVERNS.</i>	3	1	1	1	-	-	-	-
20	INCLINE UPHHAULAGE <i>IN RE-USE BY LLECHWEDD CAVERNS.</i>	1	2	2	1	-	-	-	-
21	MILL <i>IN RE-USE BY LLECHWEDD CAVERNS.</i>	3	1	1	1	-	-	-	-
22	ADIT <i>IN RE-USE BY LLECHWEDD CAVERNS.</i>	1	1	1	1	-	-	-	-
23	ADIT <i>IN RE-USE BY LLECHWEDD CAVERNS.</i>	1	1	1	1	-	-	-	-
24	INCLINE DRUMHOUSE <i>REMOTE: BRAKE AND DRUM SURVIVE.</i>	1	2	2	1	-	-	-	-
25	MILL TRANSVERSE	1	1	1	1	-	-	-	-
26	WATERWHEEL PIT <i>NOT VISITED, BUT REPUTED TO BE SITE ONLY.</i>	-	-	-	-	-	-	-	-
27	INCLINE WINDING HOUSE ELECTRICAL <i>TREBLE-TRACK DRUM AND CONTROL MECHANISM INTACT.</i>	1	1	2	1	-	-	-	Y

20300 LLECHWEDD SH70004700					Class	1.0			
28	INCLINE WINDING HOUSE ELECTRICAL CONTAINS INDUCTION MOTOR (UNDER DUST SHEETS) OPERATING (27) THROUGH STEP-DOWN GEARING. FLYWHEEL SURVIVES, ALSO CRANK FOR EARLY STEAM ENGINE. CYLINDER BASE APPARENT. OTHER INDUCTION MOTOR (ENGLISH ELECTRIC) IS ATTACHED TO BELLIS AND MORCOM SINGLE CHAMBER VERTICAL COMPRESSOR. BRINE- BATH RHEOSTATS.	1	1	2	1	-	-	-	Y
29	INCLINE INTERMEDIATE SHEAVE SUPPORTS SHEAVE FOR ROPE FROM (27) TO (30).	1	1	1	1	-	-	-	Y
30	INCLINE SHEAVE SUPPORTS SHEAVE TO HAUL WAGONS UP NOW-VANISHED INCLINE.	1	1	1	1	-	-	-	Y
31	MILL LONGITUDINAL 2-PITCH HIP ROOF. SE PITCH IN POOR CONDITION. INTERNAL ARRANGEMENTS MODERNISED. CONSIDERABLE NUMBER OF GREAVES DRESSERS ON SITE.	1	3	2	1	-	-	-	-
32	WATERWHEEL PIT	1	1	2	1	-	-	-	-
33	COMPRESSOR BRUSH INDUCTION MOTOR COUPLED TO 1-CHAMBER VERTICAL COMPRESSOR. TWO OTHER COMPRESSORS SURVIVE ON SITE. ONE A 1-CHAMBER VERTICAL, THE OTHER AN INGERSOLL RAND IMPERIAL TYPE 10 2-CHAMBER HORIZONTAL.	1	1	1	1	-	-	-	-
34	LOCOMOTIVE RUSTON HORNSBY 21 HP 174542 OF 1935.	1	2	1	1	-	-	-	-
35	WORKSHOPS	1	1	1	1	-	-	-	-
36	ELECTRICITY SUBSTATION	1	1	1	1	-	-	-	-
37	LOCOMOTIVE SHED? HIPPED ROOF. POSSIBLY A STORE	1	1	1	1	-	-	-	-
38	INCLINE UPHAULAGE	1	1	2	1	-	-	-	-
39	INCLINE WINDING HOUSE	3	3	2	1	-	-	-	-
40	MAGAZINE	1	1	1	1	-	-	-	-
41	LOCOMOTIVE SHED	1	1	1	1	-	-	-	-
42	STACKYARD FESTINIOG RAILWAY WAGONS SURVIVE IN ROWS, SEMI- PRESERVED?	1	1	1	1	-	-	-	-
43	STRUCTURE	3	3	2	1	-	-	-	-
44	PRIVY	1	1	2	1	-	-	-	-
45	ELECTRICITY SUBSTATION ALTERNATOR HOUSE; IN USE.	1	1	1	1	-	-	-	-
46	INCLINE WINDING HOUSE	1	3	2	2	-	-	-	-
47	MILL LONGITUDINAL CORRUGATED IRON, SLATE ROOF; IN USE. ORIGINAL LONGITUDINAL RAILWAYS REPLACED BY DUMPER TRUCK ACCESS.	1	1	1	1	-	-	-	-
48	INCLINE DRUMHOUSE DRUM SURVIVES; NO EVIDENCE OF INCLINE.	1	1	2	1	-	-	-	-
49	WATERWHEEL PIT	2	2	2	1	-	-	-	-
50	SHAFT-HEAD NOT VISITED.	-	-	-	-	-	-	-	-
51	STRONGPOINT SUPPORTS WINCH; RAILS AND WAGON TURNABLE SURVIVE AT FOOT. OPERATED INCLINE WHICH HAS NOW BEEN QUARRIED AWAY.	1	1	2	1	-	-	-	-
52	ROPEWAY SYSTEM STEEL MASTS SURVIVE AT QUARRY (NOT SEEN).	-	-	-	-	-	-	-	-

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Diversity 3 Archive Val. 1 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

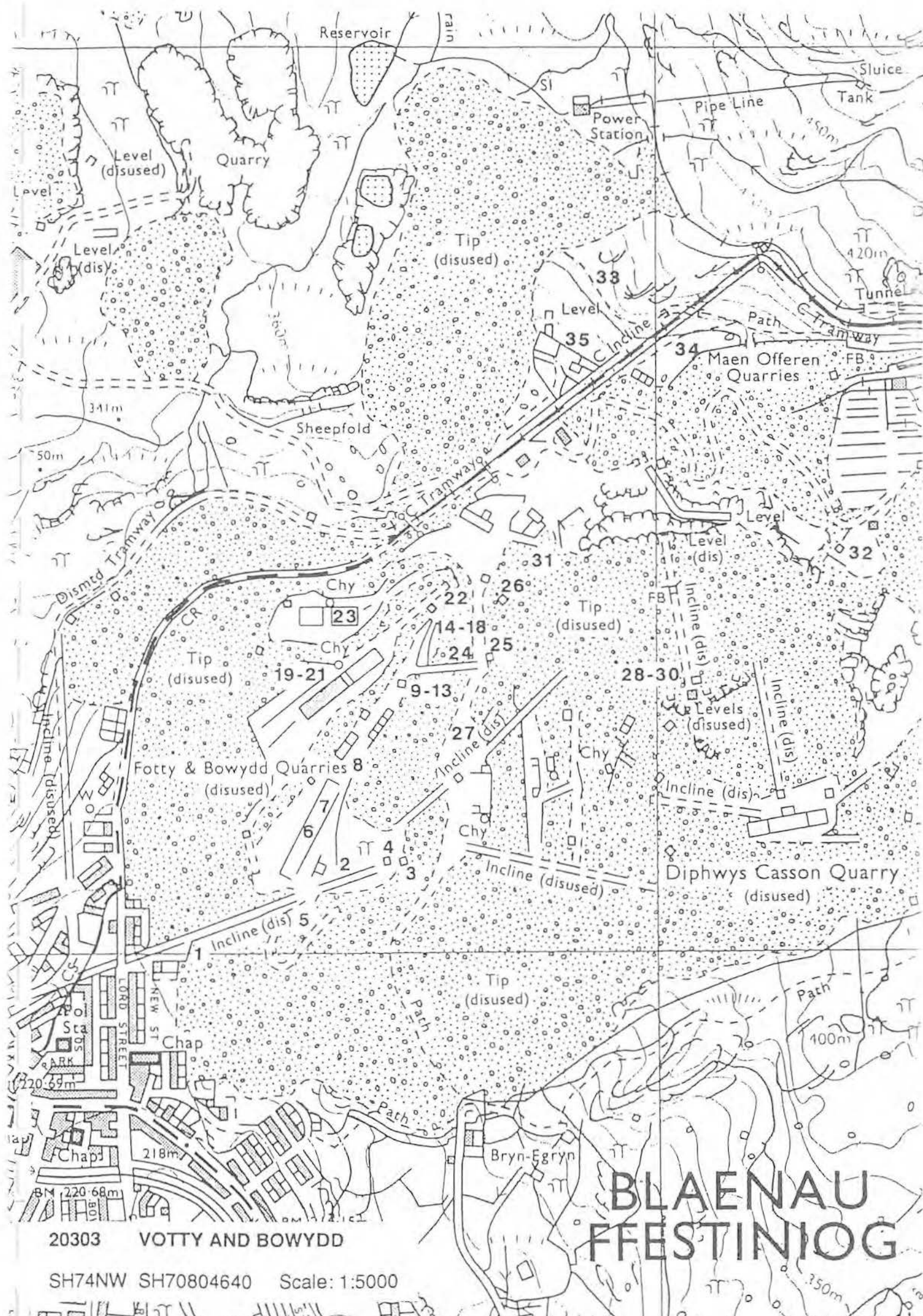
LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 INCLINE COUNTERBALANCE <i>RESURFACED FOR USE AS ROAD AS FAR AS (2). UPPER PART IN GOOD CONDITION WITH SCANTLINGS AND SLEEPERS.</i>	3	3	1	1	-	-	-	-
2 OBLITERATED	3	3	3	3	-	-	-	-
3 INCLINE DRUMHOUSE <i>REMOTE DRUMHOUSE; UNUSUAL CENTRE-OF-DRUM BRAKE IN SITU.</i>	1	1	1	1	-	-	-	-
4 STRUCTURE <i>BRICKS EVIDENT AMONGST DILAPIDATION.</i>	1	1	1	1	-	-	-	-
5 OBLITERATED	3	3	3	3	-	-	-	-
6 WATERWHEEL PIT <i>CONVERTED TO ENGINE-HOUSE?</i>	3	3	1	1	-	-	-	-
7 MILL LONGITUDINAL <i>MACHINE BASES EVIDENT.</i>	3	2	1	1	-	-	-	-
8 STRUCTURE	3	1	1	1	-	-	-	-
9 STRUCTURE <i>SEVERAL FUNCTIONS - STORE, 2-STOREY ?DOMESTIC, WORKSHOP.</i>	2	1	1	1	-	-	-	-
10 LOCOMOTIVE SHED <i>WITH PIT.</i>	1	1	1	1	-	-	-	-
11 WATER CHANNEL	1	1	1	1	-	-	-	-
12 INCLINE TRWNC DOCK	1	1	1	1	-	-	-	-
13 INCLINE UPHAULAGE MECHANICAL <i>TRWNC.</i>	1	2	1	1	-	-	-	-
14 RETAINING WALL	1	2	1	1	-	-	-	-
15 WATER CHANNEL	1	1	1	1	-	-	-	-
16 RETAINING WALL	1	1	1	1	-	-	-	-
17 ADIT <i>RAILS IN SITU AT ENTRANCE; LOCKED DOOR.</i>	1	1	1	1	-	-	-	-
18 WATER CHANNEL <i>BURIED.</i>	1	1	1	1	-	-	-	-
19 WATERWHEEL PIT	2	2	2	1	-	-	-	-
20 MILL	3	3	2	1	-	-	-	-
21 LAUNDER SYSTEM <i>SINGLE PILLAR; CARRIED WATER TO (19).</i>	1	2	2	1	-	-	-	-
22 STRUCTURE	3	3	3	1	-	-	-	-
23 OBLITERATED	3	3	3	3	-	-	-	-
24 ABUTMENT	1	3	2	1	-	-	-	-
25 STRUCTURE	3	3	3	1	-	-	-	-
26 LOCOMOTIVE SHED	2	2	3	1	-	-	-	-
27 BRIDGE <i>ABUTMENTS ONLY</i>	3	2	2	1	-	-	-	-
28 INCLINE WINDING HOUSE	1	2	3	1	-	-	-	-
29 ADIT	1	1	2	1	-	-	-	-
30 LOCOMOTIVE SHED?	2	2	2	1	-	-	-	-
31 BARRACKS	3	3	2	1	-	-	-	-
32 STRONGPOINT	1	1	2	1	-	-	-	-
33 RAILWAY	2	2	2	1	-	-	-	-
34 ADIT	1	2	2	1	-	-	-	-
35 DWELLING <i>SUBSTANTIAL VICTORIAN DWELLING. NOW ROOFLESS. SURROUNDED BY TREES.</i>	2	2	2	1	-	-	-	-

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20303 VOTTY AND BOWYDD

SH74NW SH70804640 Scale: 1:5000

BLAENAU
FFESTINIOG

Diversity 2 Archive Val. 1 Archaeol. Record 2 Amenity Val. 2 Visual Amenity 1

The earliest quarry to be systematically developed at Blaenau Ffestiniog, first by Methusalem Jones from c. 1760, later by William Turner. The integrated mill and its associated engine house are of very considerable importance as the earliest example of an integrated slate mill in the industry and as such the prototype of late processing methods (unless, as suggested in [2] Processing, the palm belongs to Minllyn at Dinas Mawddwy.) The value of this feature is enhanced by its associated incline and the guillotine dresser in situ.

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	MILL LONGITUDINAL <i>EXTENDED TO WEST AT SOME STAGE.</i>	2	2	2	1	Y	-	-	Y
2	DRESSER <i>SITES OF DRESSERS OVER (5) EVIDENT. GUILLOTINE VARIETY. FRAGMENTS OF ONE SURVIVE.</i>	2	2	2	1	-	Y	-	Y
3	MILL ENGINE HOUSE	2	3	2	1	-	-	-	Y
4	CHIMNEY	1	2	2	1	-	-	-	Y
5	MILL WASTE CHUTE <i>RUN OF MILL WASTE CHUTES SURVIVES ON S SIDE OF MILL.</i>	1	1	1	1	-	-	-	Y
6	STRUCTURE <i>2-ROOM. CENTRAL CHIMNEY</i>	1	1	2	1	-	-	-	Y
7	WEIGHBRIDGE HOUSE	2	1	2	1	-	-	-	Y
8	INCLINE WINDING HOUSE ELECTRICAL <i>SITE OF ELECTRIC MOTOR APPARENT. THIS MAY HAVE POWERED (1) AFTER (3) CEASED TO BE USED, THOUGH (3) MAY HAVE POWERED THE INCLINE ITSELF ORIGINALLY.</i>	1	1	2	1	-	-	-	Y
9	INCLINE UPHHAULAGE ELECTRIC	3	2	2	1	-	-	-	Y
10	SMITHY	2	2	2	1	-	-	-	-
11	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE.</i>	3	2	2	1	-	-	-	-
12	INCLINE COUNTERBALANCE	1	2	2	1	-	-	-	-
13	INCLINE COUNTERBALANCE	1	1	2	1	-	-	-	-
14	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE. DRUM INTACT.</i>	1	1	2	1	-	-	-	-
15	MILL LONGITUDINAL <i>LONGITUDINAL RAILWAYS ON PERIMETER FEED TRANSVERSE PROCESS TO 2 CENTRAL LONGITUDINAL RAILWAYS.</i>	3	3	3	1	-	-	-	-
16	MILL ENGINE HOUSE <i>ASH CHUTE EVIDENT.</i>	3	3	3	1	-	-	-	-
17	CHIMNEY	1	2	2	1	-	-	-	-
18	INCLINE	1	2	2	1	-	-	-	-
19	INCLINE	1	1	2	1	-	-	-	-
20	RAMP	1	2	2	1	-	-	-	-

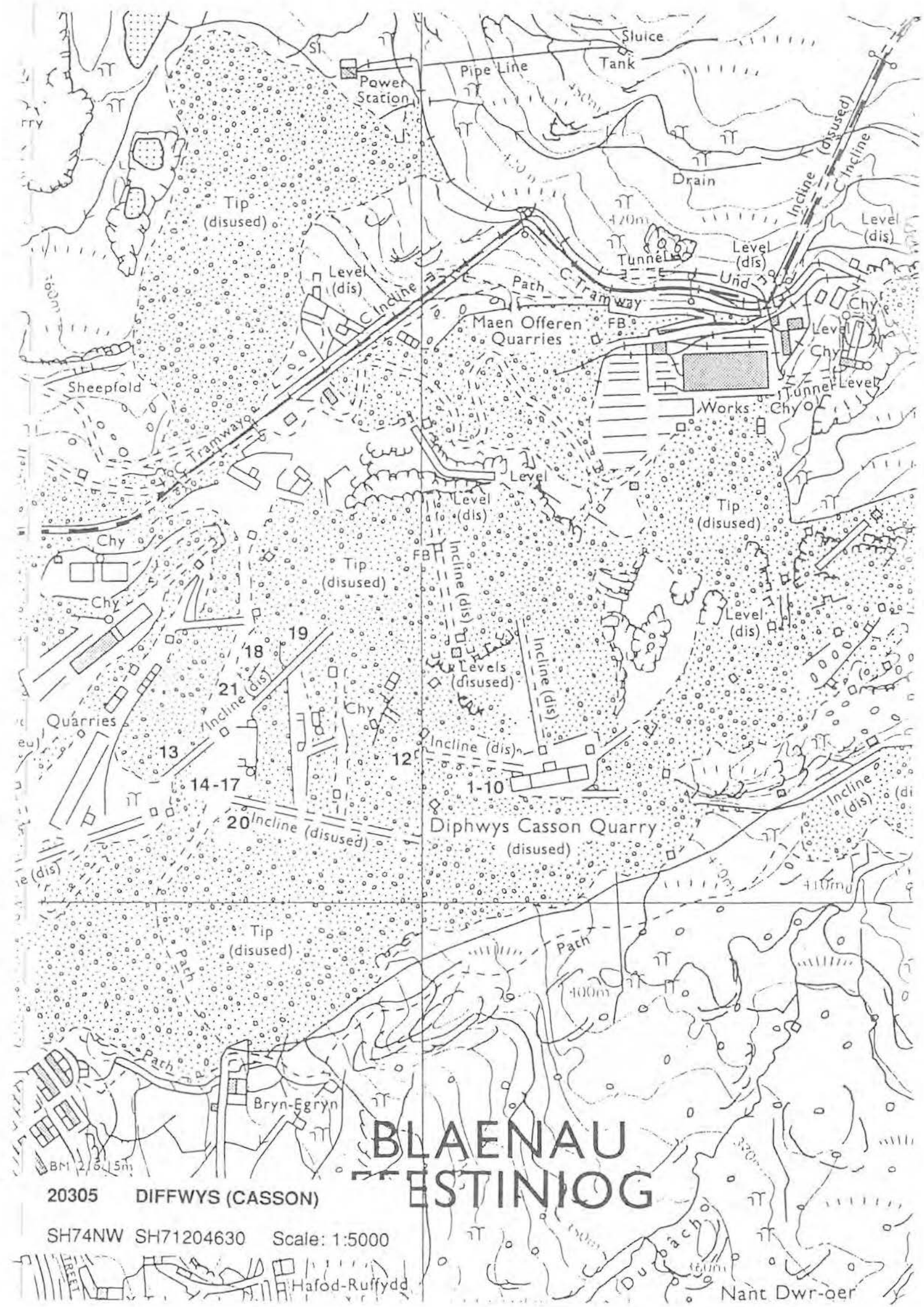
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20305 DIFFWYS (CASSON) SH71204630

Class 2.0

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20305 DIFFWYS (CASSON)

SH74NW SH71204630 Scale: 1:5000

BLAENAU FFESTINIOG

Hafod-Ruffydd

Nant Dwr-og

Diversity 1 Archive Val. 1 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 3

The only Ffestiniog quarry which is still worked by traditional methods. The counterbalance incline here, which remained in use until 1982, is the best example of a counterbalance incline combined with a remote drumhouse in the industry. The equipment survives complete. The main back-vein uphaulage incline is an outstanding feature, typical of a technology once widespread, and here still in regular use. Its original turn-of-the-century equipment (e.g. brine-bath rheostats) is still used. The inclines in use underground, though not included in the survey, are also of great importance, in particular the C-D-E-F incline, with its impressive drum stage. The two Ruston-Hornsby locomotives out of use in the mill are early examples of a type of motive power in use in the Blaenau quarries from 1935 to 1989.

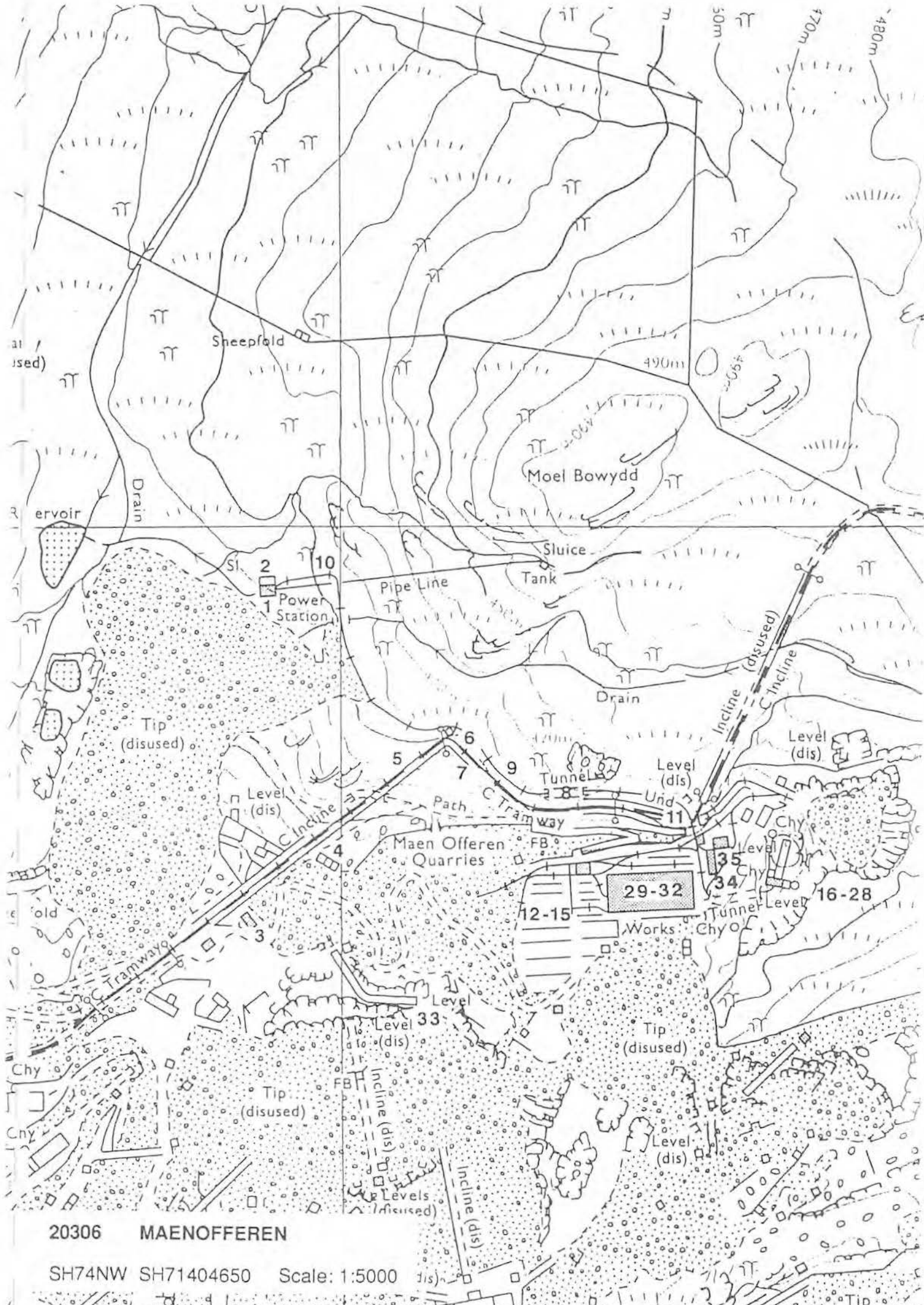
LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 ELECTRIC POWER STATION <i>IN USE WITH MODERN MACHINERY.</i>	1	1	1	1	-	-	-	-
2 CHIMNEY <i>BRICK BASE AND FLUE ONLY SURVIVE. POSSIBLY A STEEL CHIMNEY. BASE AND FLUE SET IN A RUINED GABLE END. CONTIGUOUS WITH (1).</i>	3	1	1	1	-	-	-	-
3 OFFICE	1	1	1	1	-	-	-	-
4 BARRACKS <i>2-STOREY.</i>	2	3	3	3	-	-	-	-
5 INCLINE COUNTERBALANCE <i>IN USE UNTIL RECENTLY. SOME DEGRADATION, BUT RAILS AND MOST OF ROLLERS SURVIVE IN SITU.</i>	1	1	2	1	-	-	-	Y
6 INCLINE DRUMHOUSE <i>REMOTE, EQUIPMENT INTACT. ROOF COLLAPSING.</i>	1	2	2	1	-	-	-	Y
7 RAILWAY <i>LARGELY INTACT</i>	1	2	2	1	-	-	-	Y
8 ADIT	1	2	2	1	-	-	-	-
9 RAILWAY	1	2	2	1	-	-	-	-
10 INCLINE UPHAULAGE <i>MAINTENANCE INCLINE FOR (1).</i>	1	2	2	1	-	-	-	-
11 LOCOMOTIVE SHED	2	2	2	1	-	-	-	-
12 LOCOMOTIVE SHED	2	2	2	1	-	-	-	-
13 MILL <i>EARLY BUILDING PARTLY REBUILT RECENTLY. WORK INCOMPLETE.</i>	3	1	2	3	-	-	-	-
14 STACKYARD	1	1	1	1	-	-	-	-
15 CABAN	1	1	1	1	-	-	-	-
16 ADIT	1	1	1	1	-	-	-	Y
17 INCLINE UPHAULAGE ELECTRIC <i>DESIGNED FOR 3 TRACKS. 2 NOW IN SITU, 1 IN CURRENT USE.</i>	1	1	1	1	-	Y	-	Y
18 INCLINE WINDING HOUSE ELECTRICAL <i>ELECTRIC MOTOR IN USE.</i>	1	1	1	1	-	Y	-	Y
19 INCLINE WINDING HOUSE ELECTRICAL <i>TREBLE DRUM. CONTROLS, ETC IN USE. BRINE BATH RHEOSTATS.</i>	1	1	1	1	-	Y	-	Y
20 INCLINE WINDING HOUSE STEAM <i>SITE OF STEAM ENGINE APPARENT.</i>	2	1	1	1	-	Y	-	Y
21 CHIMNEY <i>KINKED FLUE.</i>	1	1	2	1	-	Y	-	Y
22 CRANE <i>SMALL DERRICK.</i>	1	1	1	1	-	Y	-	Y
23 ADIT <i>MARSHALLING LOOP ON RAILWAY FROM (17) TO (29) IN USE.</i>	1	1	1	1	-	-	-	Y
24 ELECTRICITY SUBSTATION	1	1	1	1	-	-	-	-
25 BRIDGE	1	1	2	1	-	-	-	-
26 BRIDGE	1	1	1	1	-	-	-	-
27 WORKSHOPS	1	1	1	1	-	-	-	-
28 RAILWAY	1	1	1	1	-	-	-	-

20306 MAENOFFEREN SH71404650					Class	1.0		
29	MILL LONGITUDINAL	1	1	1	1	-	-	-
	LARGE 2-PITCH STRUCTURE, 1 GABLE ROOF, 1 HIP ROOF, WINDOWLESS, SKYLIGHTS IN ROOF. INTERNAL ARRANGMENTS ALTERED BY INSTALLATION OF NEW MACHINERY, RAILWAYS IN USE.							
30	WATERWHEEL PIT	1	1	1	1	-	-	-
31	MILL DRESSING ALCOVES	1	1	1	1	-	-	-
	IN USE.							
32	LOCOMOTIVE	1	1	1	1	Y	-	-
	RUSTON HORNSBY 4W DM 21 HP 175127 OF 1935, 12 HP, 174536 OF 1936 OUT OF USE, 2 WINGROVE ROGERS 4W BE LOCOMOTIVES IN USE.							
33	ADIT	1	1	1	1	-	-	-
	CUT WITH DOUBLE-HEADED BORING MACHINE.							
34	LAUNDER SYSTEM	2	2	2	2	-	-	-
	PILLARS, SUPPLIED (35).							
35	INCLINE WINDING HOUSE WATERBALANCE	2	2	2	2	-	-	-
	INCLINE ITSELF HAS BEEN BUILT OVER.							

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20306 MAENOFFEREN

SH74NW SH71404650 Scale: 1:5000

Diversity 1 Archive Val. 2 Archaeol. Record 2 Amenity Val. 2 Visual Amenity 2

One of the quarries at the western end of the Ffestiniog group, served by the Rhiwbach Tramway. The steam incline winding engine is a unique survivor of a once-common feature, and is in good condition.

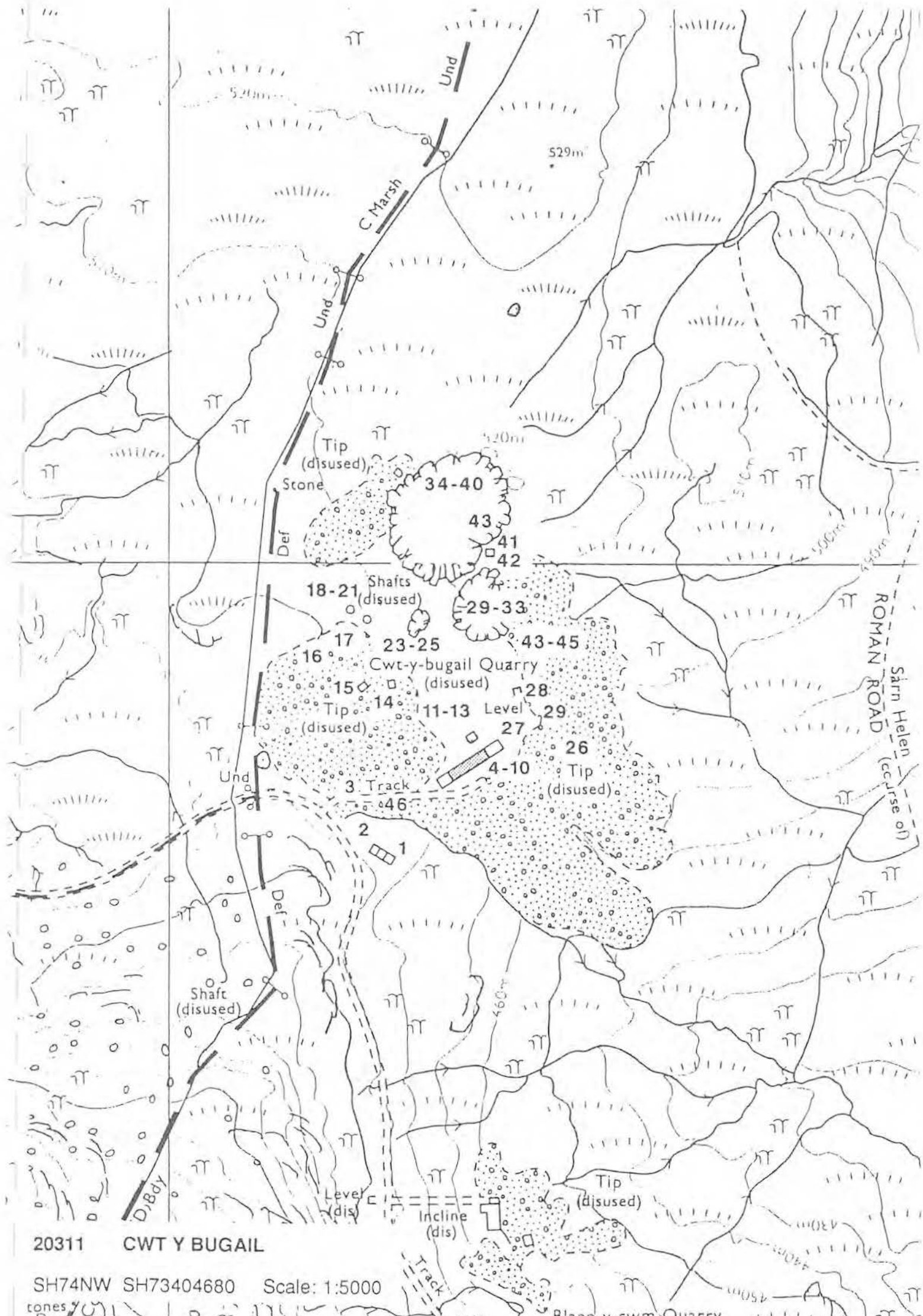
LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	BARRACKS	3	3	3	1	-	-	-	-
2	PILLARS	3	3	2	1	-	-	-	-
	FUNCTION OBSCURE.								
3	RAILWAY	1	3	2	1	-	-	-	-
	ROADWAY PARTLY BUILT ACROSS SITE OF RAILWAY: SOME SLEEPERS.								
4	STRUCTURE	3	3	2	1	-	-	-	-
5	STACKYARD	1	1	2	1	-	-	-	-
6	STRUCTURE	2	2	2	1	-	-	-	-
7	MILL TRANSVERSE	2	2	2	1	-	-	-	Y
	WOODEN DRESSER BASES SURVIVE AT ONE POINT. TOGETHER WITH MACHINE BASES AND SUCTION TUBES. NOW ROOFLESS, AND TRUSSES HAVE COLLAPSED.								
8	MILL ENGINE HOUSE	2	2	2	1	-	-	-	Y
	WOODEN SUPPORTS FOR ?INTERNAL COMBUSTION MOTOR.								
9	CHIMNEY	3	3	1	1	-	-	-	Y
	YELLOW BRICK INTERIOR. SQUARE PLAN								
10	STRUCTURE	2	2	2	1	-	-	-	-
11	STRUCTURE	2	2	2	1	-	-	-	-
12	INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
13	INCLINE DRUMHOUSE	3	2	2	1	-	-	-	-
	THROUGH DRUMHOUSE.								
14	WALL	2	2	2	1	-	-	-	-
	LONG WALL. POSSIBLY PART OF LONG OPEN FRONTED BUILDING - GWALLAU?								
15	STRUCTURE	1	2	3	1	-	-	-	-
	WINDOWLESS. BENCH ALL ROUND THE INTERIOR. NO FIREPLACE - POSSIBLY A CABAN								
16	CABAN	1	1	2	1	-	-	-	-
	PARTLY ENGULFED BY TIPS. RECENTLY RE-ROOFED. IN RE-USE AS CLIMBERS' SHELTER								
17	GWAL	3	3	2	1	-	-	-	-
18	WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
19	SHAFT-HEAD	1	1	1	1	-	-	-	Y
	ROOFING SHAFT (RWFF).								
20	ADIT	-	-	-	-	-	-	-	-
	INACCESSIBLE.								
21	SHAFT-HEAD	1	1	1	1	-	-	-	Y
	ROOFING SHAFT (RWFF).								
23	SHAFT-HEAD	1	1	1	1	-	-	-	-
	ROOFING SHAFT (RWFF).								
24	SHAFT-HEAD	1	1	1	1	-	-	-	Y
	ROOFING SHAFT (RWFF). CIRCULAR DEPRESSION BELOW SHAFT WHICH MAY BE MACHINE AREA (HORSE WHIM?).								
26	STRUCTURE	3	3	2	1	-	-	-	-
27	WEIGHBRIDGE HOUSE	3	3	1	1	-	-	-	-
28	ADIT	-	-	-	-	-	-	-	-
29	STRONGPOINT	2	3	1	1	-	-	-	-
30	RETAINING WALL	1	2	3	1	-	-	-	-
31	CHAMBER	1	1	1	1	-	-	-	-
32	ADIT	-	-	-	-	-	-	-	-
33	ADIT	1	1	1	1	-	-	-	-
34	RAILWAY EQUIPMENT	1	1	1	1	-	-	-	-
	RAILWAY SYSTEM INTACT. SLAB WAGONS.								
35	INCLINE WINDING ENGINE	1	2	1	1	-	-	-	-
	CONSISTS OF PART OF LISTER PETROL LOCOMOTIVE GEARBOX AND BARRAGE-BALLOON WINCH.								
36	INCLINE UPHOULAGE MECHANICAL	3	3	3	1	-	-	-	-

20311 CWT Y BUGAIL SH73404680					Class		2.0	
37	CHAMBER	1	1	1	1	-	-	-
38	CHAMBER	1	1	1	1	-	-	-
39	SHELTER	2	2	2	1	-	-	-
40	FUEL TANK	1	2	1	1	-	-	-
41	INCLINE WINDING ENGINE <i>FIREBOX, BOILER, SMOKEBOX AND SINGLE OVER-CYLINDER OF STEAM ENGINE SURVIVE, ALSO PLUMMER BLOCKS, AXLES AND CONTROL GEAR.</i>	1	1	1	1	-	Y	-
42	WEIGHBRIDGE HOUSE <i>RECENTLY EXCAVATED, PART OF MECHANISM SURVIVES.</i>	1	2	2	1	-	-	-
43	INCLINE UPHHAULAGE STEAM	3	3	1	1	-	-	-
44	SHELTER	1	1	2	1	-	-	-
45	INCLINE SHEAVE <i>FRAGMENT ONLY, REMOVED FROM SITE, SET IN AXLE BOX IN SLATE SLAB.</i>	3	2	1	1	-	-	-

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20311 CWT Y BUGAIL

SH74NW SH73404680 Scale: 1:5000

tones

Blaen-y-cwm Quarry

Diversity 1 Archive Val. 2 Archaeol. Record 1 Amenity Val. 2 Visual Amenity 2

Another of the western Ffestiniog quarries, although in the old county of Caernarfonshire. The main mill best exemplifies the change-over from water power to steam, and remains of the steam engine which powered it survive on site. The complex contains the best example of a mill-waste chute system in Gwynedd, and the value of the whole is augmented by its associated features.

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 MINE ADIT METALLIFEROUS	-	-	-	-	-	-	-	-
2 MINE TIP METALLIFEROUS	1	1	1	1	-	-	-	-
3 INCLINE SHEAVE BASE ONLY, ANGLED TO PRESENT CONSTANT PLANE WITH (4).	1	2	2	1	-	-	-	-
4 INCLINE UPHAULAGE STEAM	1	2	2	1	-	-	-	-
5 WATERWHEEL PIT	2	2	1	1	-	-	-	Y
6 MILL ENGINE HOUSE BRICK BOILER BASE EVIDENT. REMAINS OF ENGINE (SMOKEBOX AND FIREBOX ONLY) SURVIVE NEARBY.	1	1	2	1	-	-	-	Y
7 BRIDGE OVER RAILWAY SERVING (8).	1	1	2	1	-	-	-	Y
8 MILL WASTE CHUTE	1	1	1	1	-	Y	-	Y
9 STRUCTURE COAL STORE.	1	1	2	1	-	-	-	Y
10 SMITHY	1	2	2	1	-	-	-	-
11 MILL LONGITUDINAL	2	2	2	1	-	-	-	-
12 LAUNDER SYSTEM SINGLE PILLAR.	3	3	1	1	-	-	-	-
13 WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
14 LAUNDER SYSTEM SINGLE PILLAR.	3	3	1	1	-	-	-	-
15 WEIGHBRIDGE HOUSE	3	1	1	1	-	-	-	-
16 MILL	3	2	1	1	-	-	-	-
17 WATERWHEEL PIT FILLED AND (18) PARTLY CONSTRUCTED OVER IT PARALLEL TO LONGITUDINAL WALL.	3	3	2	1	-	-	-	-
18 PRIVY	1	2	2	1	-	-	-	-
19 INCLINE UPHAULAGE	1	1	1	1	-	-	-	-
20 WATER STORAGE RESERVOIR IMPOUNDED BY DAM.	1	1	1	1	-	-	-	-
21 GWAL MEASURES 11' 3" BY 11' 3"	3	2	2	1	-	-	-	-
22 WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
23 ADIT	-	-	-	-	-	-	-	-
24 WATER STORAGE RESERVOIR IMPOUNDED BY DAM.	1	1	1	1	-	-	-	-
25 WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
25 WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
26 WATER STORAGE	1	1	2	1	-	-	-	-
27 CHAMBER	1	1	1	1	-	-	-	-
28 INCLINE COUNTERBALANCE THE EMBANKMENT ON WHICH IT RUNS IS AN IMPRESSIVE FEATURE.	1	1	1	1	-	-	-	-
29 INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	3	3	2	1	-	-	-	-
30 WEIGHBRIDGE HOUSE	3	3	1	1	-	-	-	-
31 ADIT	-	-	-	-	-	-	-	-
32 BARRACKS	3	3	1	1	-	-	-	-
33 QUARRY PIT	1	1	1	1	-	-	-	-
34 CHAMBER	1	1	1	1	-	-	-	-
35 QUARRY PIT	1	1	1	1	-	-	-	-
36 EMBANKMENT	1	1	2	1	-	-	-	-

LINE	DESCRIPTION	QTY	UNIT	PRICE	AMOUNT	TAX	TOTAL	DISC	NET
37	MILL FOR HAND-POWERED MACHINERY?	3	3	2	1	-	-	-	-
38	COMPRESSED AIR SYSTEM	3	3	1	1	-	-	-	-
39	SHAFT-HEAD	1	1	1	1	-	-	-	-
39	SHAFT-HEAD	1	1	1	1	-	-	-	-

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Diversity 1 Archive Val. 1 Archaeol. Record 1 Amenity Val. 1 Visual Amenity 1

This outstanding site not only exemplifies the Ffestiniog type of quarrying, starting with open pits and moving on to underground working, but contains the better example of a steam-powered uphaulage incline on an exit railway (the only other example being its neighbour, Blaen y Cwm) and is an excellent example of the use of a central steam engine to power a site as a whole. In this respect, it invites comparison with the German system of colliery operation, with a central engine house. The value of this site is enhanced by the survival of a considerable part of the quarry's archive. The associated deserted village is the best example of a nucleated community within a quarry site.

LIST OF QUARRY FEATURES

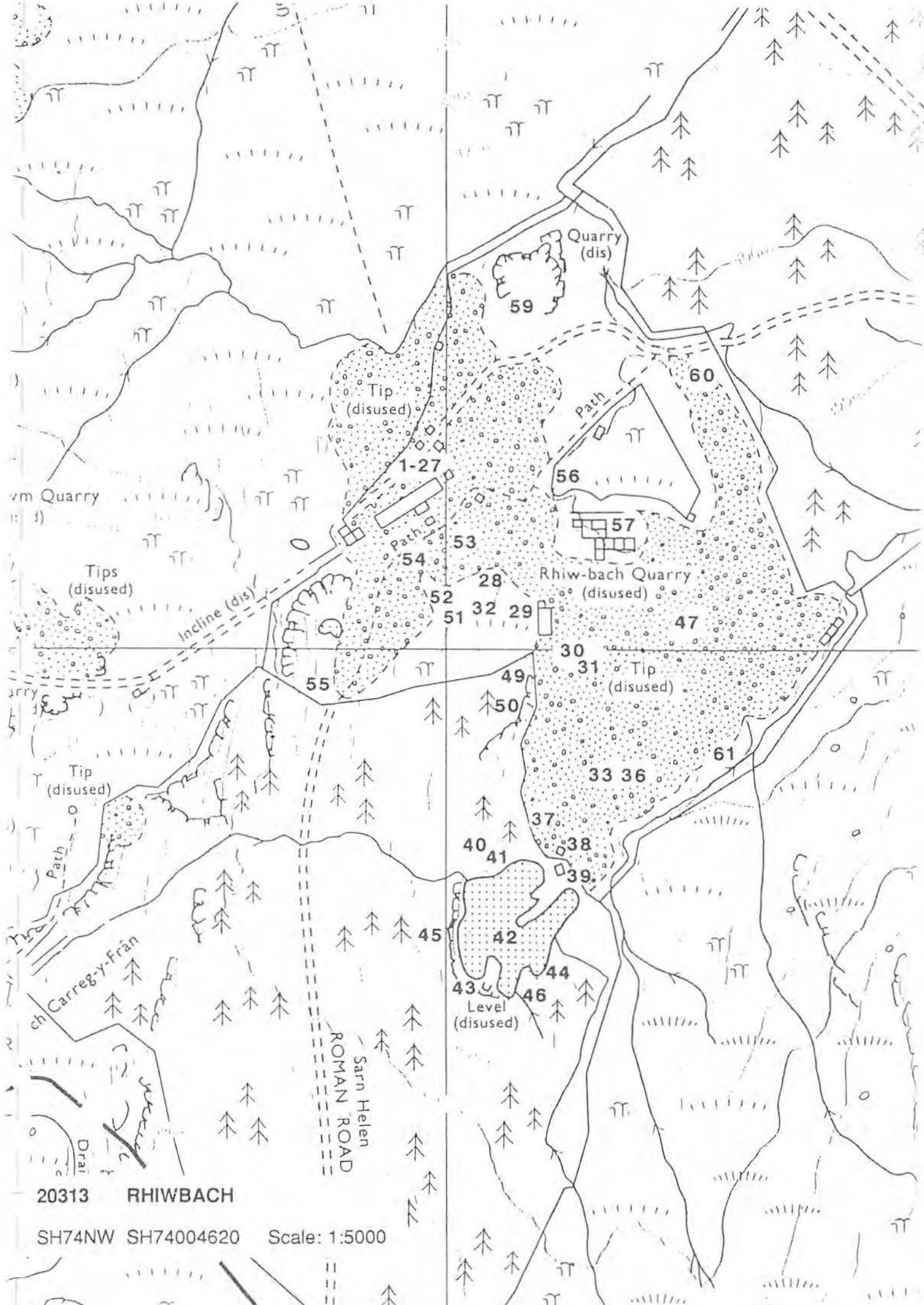
	S	C	F	V	P	R	PO	GV
1 INCLINE WINDING HOUSE STEAM CONSIDERABLE REMAINS OF A VERY INTERESTING STRUCTURE. BASE OF ENGINE APPARENT, POWERED (6), (11), (24), POSSIBLY (28), AND EXIT RAILWAY INCLINE BY MEANS OF (3). EXCELLENT EXAMPLE OF A CENTRAL POWER-SOURCE SERVING A NUMBER OF FUNCTIONS.	1	1	2	1	-	Y	-	Y
2 INCLINE WINDING DRUM HOUSING AN UNUSUAL FEATURE IN THAT IT POWERS THE INCLINE FROM THE FOOT.	1	1	2	1	-	Y	-	Y
3 INCLINE INTERMEDIATE SHEAVE FOR INCLINE WINDING ROPE.	1	1	2	1	-	Y	-	Y
4 STRUCTURE 2 STOREY, BRICKS AMONG RUINS -- OFFICE?	2	1	2	1	-	-	-	Y
5 STRUCTURE	3	2	2	1	-	Y	-	Y
6 HAULAGE SHAFT-HEAD	1	1	2	1	-	Y	-	Y
7 CABAN?	1	1	2	1	-	-	-	Y
8 INCLINE INTERMEDIATE SHEAVE	1	1	2	1	-	Y	-	Y
9 INCLINE INTERMEDIATE SHEAVE	1	1	2	1	-	Y	-	Y
10 PILLAR TO SUPPORT LINE-SHAFTING. LARGE STONE STRUCTURE HOLDING-DOWN BOLTS ON TOP	1	1	2	1	-	-	-	Y
11 MILL TRANSVERSE	1	1	2	1	-	-	-	Y
12 STRUCTURE EVIDENCE OF IRONWORK. ALSO BRICKS. ENGINE HOUSE?	2	1	2	1	-	-	-	Y
13 STRUCTURE MACHINE BASES EVIDENT. AND SOME IRONWORK. WORKSHOP? NO RAILWAY ACCESS.	1	1	2	1	-	-	-	Y
14 STACKYARD?	2	1	2	1	-	-	-	Y
15 LOCOMOTIVE SHED?	1	1	2	1	-	-	-	Y
16 FUEL TANK CONCRETE BASE ONLY	1	1	2	1	-	-	-	Y
17 STRUCTURE STONE BASE, IRON FRAME.	1	1	2	1	-	-	-	Y
18 MILL WASTE CHUTE	1	1	2	1	-	-	-	Y
19 STRUCTURE BRICKS AND MACHINE SUPPORT.	1	1	2	1	-	-	-	Y
20 STRUCTURE DUMP OR INCINERATOR?	1	1	2	1	-	-	-	Y
21 OFFICE?	1	1	2	1	-	-	-	Y
22 WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	Y
23 CABAN?	1	1	2	1	-	-	-	Y
24 INCLINE UPHOULAGE STEAM	1	1	2	1	-	-	-	Y
25 TIPS	1	1	2	1	-	-	-	Y
26 ROAD	1	1	2	1	-	-	-	Y
27 WEIGHBRIDGE HOUSE POSSIBLY CONVERTED TO OTHER FUNCTION.	1	1	2	1	-	-	-	Y
28 INCLINE UPHOULAGE MECHANICAL DEGRADED.	2	3	2	1	-	-	-	Y
29 MILL NO EVIDENCE OF POWER-SOURCE.	2	1	3	1	-	-	-	Y
30 LAUNDER SYSTEM SINGLE PILLAR.	1	1	2	2	-	-	-	-

20313 RHIWBACH SH74004620					Class	1.0		
31	STRUCTURE	2	2	2	1	-	-	-
	<i>SHELTER? PRIVY?</i>							
32	LAUNDER SYSTEM	1	1	2	1	-	-	-
	<i>SINGLE PILLAR</i>							
33	LAUNDER SYSTEM	1	1	2	1	-	-	-
	<i>SHELTER BUILT ADJACENT TO SINGLE PILLAR</i>							
34	LAUNDER SYSTEM	1	1	2	1	-	-	-
	<i>SINGLE PILLAR</i>							
35	STRUCTURE	3	3	2	1	-	-	-
	<i>PART BURIED</i>							
36	SHELTER	1	1	2	1	-	-	-
37	WEIGHBRIDGE HOUSE	2	1	2	1	-	-	-
38	CABAN?	1	1	2	1	-	-	-
39	INCLINE WINDING HOUSE MECHANICAL	2	2	2	1	-	-	-
40	INCLINE UPHAULAGE MECHANICAL	2	2	2	1	-	-	-
41	SLUICE	1	1	2	1	-	-	-
42	EMBANKMENT	1	1	2	1	-	-	-
43	ADIT	3	3	2	1	-	-	-
	<i>BLOCKED</i>							
44	STRUCTURE	3	3	2	1	-	-	-
45	QUARRY PIT	1	1	2	1	-	-	-
	<i>FLOODED</i>							
46	ADIT	3	3	2	1	-	-	-
47	TIPS	1	1	2	1	-	-	-
48	TIPS	1	1	2	1	-	-	-
	<i>LOWER THAN 14"</i>							
49	ADIT	1	1	2	1	-	-	-
50	INCLINE WINDING HOUSE MECHANICAL	1	1	2	1	-	-	-
51	PILLARS	2	1	2	1	-	-	-
52	WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-
53	GWALIAU	2	2	2	1	-	-	-
54	INCLINE WINDING HOUSE	2	1	2	1	-	-	-
	<i>HOLDING-DOWN BOLTS SURVIVE</i>							
55	OBLITERATED	3	3	3	3	-	-	-
56	ROAD	1	1	2	1	-	-	-
57	DWELLINGS	1	1	2	1	-	-	Y
	<i>A VILLAGE WHICH INCLUDED A CHAPEL SCHOOL ROOM AND A SHOP. SOME HOUSES HAVE RECTANGULAR DRIP MOULDINGS ON DOORS AND WINDOWS. TWO STOREY AND SINGLE STOREY HOUSES BUILT IN TERRACES. BUILT ON EARLIER SLATE TIPS OF RHIWBACH QUARRY. NOW DESERTED</i>							
58	ADIT	1	1	2	1	-	-	Y
59	QUARRY PIT	3	3	1	3	-	-	-
	<i>IN FORESTRY</i>							
60	TIPS	1	1	2	1	-	-	-
	<i>GRASSED OVER</i>							
61	WATERWHEEL PIT	-	-	-	-	-	-	-
	<i>NOT SEEN. BUT ON OS MAP</i>							
62	INCLINE UPHAULAGE STEAM	1	1	1	1	-	Y	Y
63	INCLINE SHEAVE	2	1	2	1	-	Y	Y
	<i>BASE ONLY SURVIVES. IMPRESSIVE FEATURE</i>							

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20313 RHIWBACH

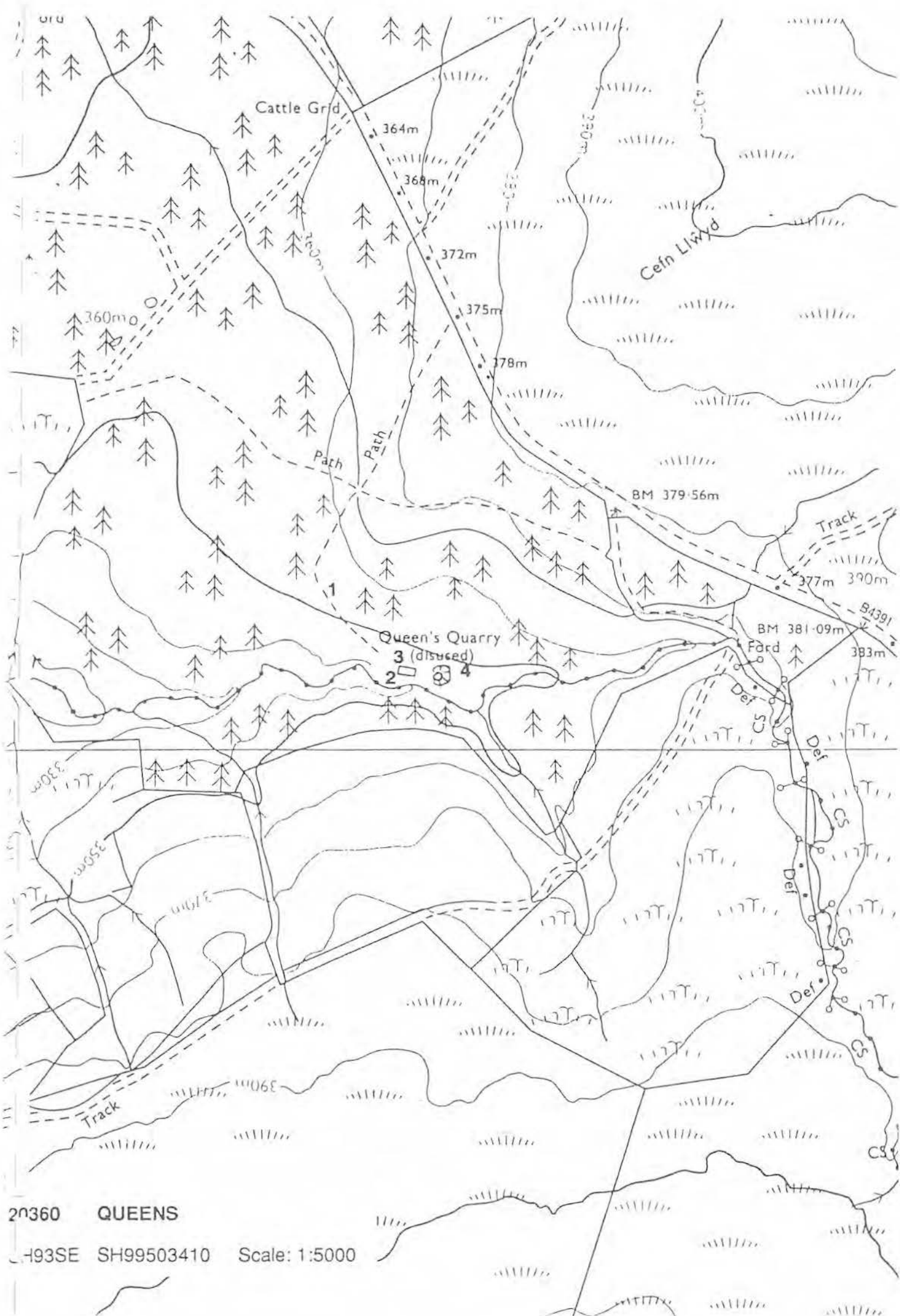
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Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

-LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	ROAD <i>IN USE BY MENTER COEDWIGAETH.</i>	1	1	1	1	-	-	-	-
2	WATERWHEEL PIT <i>PARALLEL TO LONGITUDINAL WALL OF (3).</i>	2	2	2	1	-	-	-	-
3	MILL	3	2	2	1	-	-	-	-
4	WATER CHANNEL	3	3	2	1	-	-	-	-
5	QUARRY PIT <i>SHALLOW WORKING. COVERED IN FORESTRY.</i>	3	3	2	1	-	-	-	-

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20360 QUEENS
493SE SH99503410 Scale: 1:5000

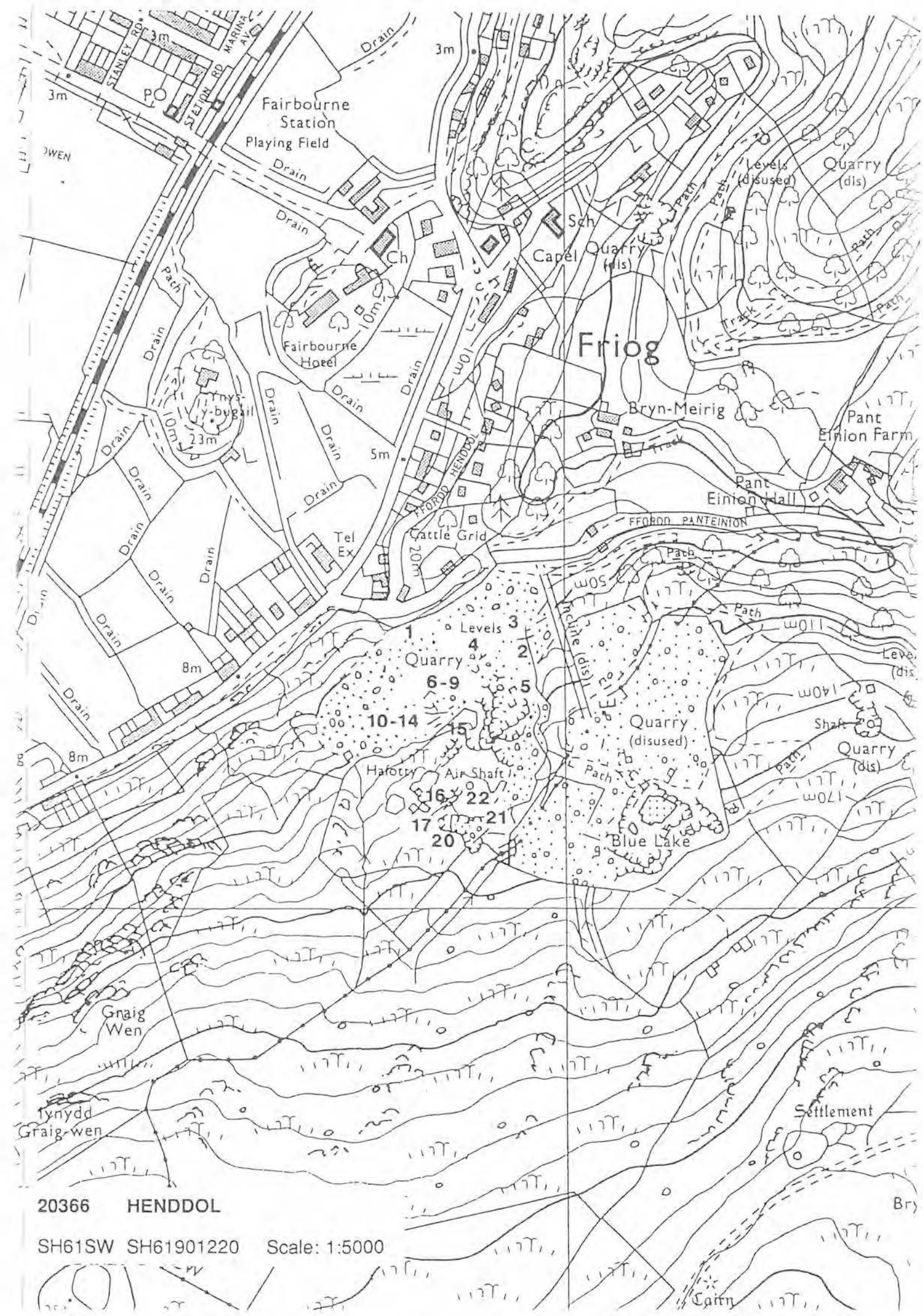
Diversity 2 Archive Val. 3 Archaeol. Record 2 Amenity Val. 1 Visual Amenity 1

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 RETAINING WALL	1	1	1	1	-	-	-	-
2 ADIT	1	1	1	1	-	-	-	-
3 OBLITERATED	3	3	3	3	-	-	-	-
4 OBLITERATED	3	3	3	3	-	-	-	-
5 QUARRY PIT	1	1	1	1	-	-	-	-
6 GWALIAU	3	3	1	1	-	-	-	-
7 STEPS	2	2	1	1	-	-	-	-
8 WEIGHBRIDGE HOUSE	3	3	1	1	-	-	-	-
9 RAILWAY <i>CLINGS TO HILLSIDE AND ENDS ON "COB" STRUCTURE -- IMPRESSIVE FEATURE.</i>	1	1	1	1	-	-	-	-
10 RAILWAY EQUIPMENT <i>RAILS IN SITU.</i>	1	3	1	1	-	-	-	-
11 GWALIAU	3	3	1	1	-	-	-	-
12 STACKYARD	1	1	1	1	-	-	-	-
13 GWALIAU	3	3	1	1	-	-	-	-
14 STRUCTURE <i>ORIGINALLY A 1-ROOM STRUCTURE. FIREPLACE AT E END. UNDERFLOOR CHANNEL ENDING IN A POSSIBLE CHUTE IN N. WALL.</i>	1	1	1	1	-	-	-	-
15 WEIGHBRIDGE HOUSE	2	1	1	1	-	-	-	-
16 DWELLING <i>1-ROOM, IN RE-USE.</i>	1	1	1	3	-	-	-	-
17 ADIT <i>BLOCKED BY LORRY ON DAY OF VISIT.</i>	1	1	1	1	-	-	-	-
18 STRUCTURE	3	3	2	1	-	-	-	-
19 ADIT	2	2	2	1	-	-	-	-
20 QUARRY PIT	1	1	2	1	-	-	-	-
21 WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
22 SHAFT-HEAD	1	1	1	1	-	-	-	-

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20366 HENDDOL

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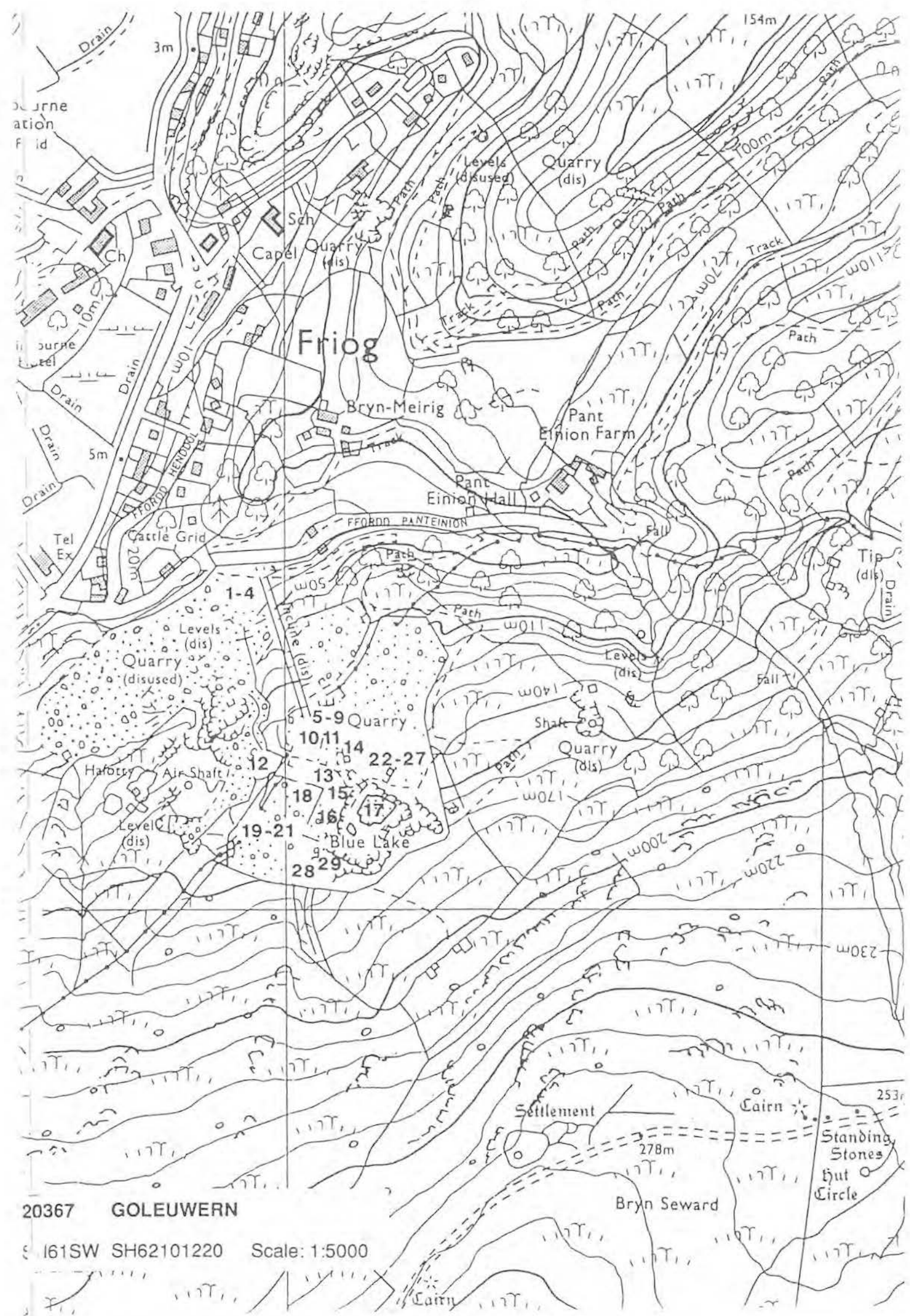
Diversity 2 Archive Val. 3 Archaeol. Record 2 Amenity Val. 1 Visual Amenity 1

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 YARD	3	3	1	1	-	-	-	-
2 RETAINING WALL	1	1	2	1	-	-	-	-
3 INCLINE COUNTERBALANCE	2	1	1	1	-	-	-	-
4 BRIDGE	3	2	2	1	-	-	-	-
ABUTMENTS ONLY.								
5 INCLINE INTERMEDIATE LEVEL	2	2	1	1	-	-	-	-
OFF (3)?								
6 ADIT?	-	-	-	-	-	-	-	-
FEATURE OBLITERATED.								
7 GWALIAU	1	1	2	1	-	-	-	-
8 STACKYARD	1	2	2	1	-	-	-	-
9 OBLITERATED	3	3	3	3	-	-	-	-
CRIMP SURVIVES IN GOOD CONDITION.								
10 WATER CHANNEL	1	1	1	1	-	-	-	-
STONE-LINED.								
11 INCLINE WINDING DRUM	1	1	1	1	-	-	-	-
WINDING DRUM: REMOVED FROM ORIGINAL SITE.								
12 EMBANKMENT	1	1	1	1	-	-	-	-
INCLUDES CORBELLED BRIDGE.								
13 DRESSER	2	1	1	1	-	Y	-	-
AMOS AND FRANCIS TYPE.								
14 GWALIAU	3	2	1	1	-	-	-	-
15 ADIT	1	1	1	1	-	-	-	-
TUNNEL EMERGES AT 2 POINTS. RAIL IN SITU.								
16 GALLERY	1	1	1	1	-	-	-	-
17 QUARRY PIT	1	3	1	1	-	-	-	-
FLOODED.								
18 INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
19 INCLINE SHEAVE	1	1	1	1	-	-	-	-
MECHANISM INTACT. BRAKE CHANNEL EVIDENT.								
20 GWALIAU	3	2	1	1	-	-	-	-
21 RAILWAY EQUIPMENT	3	2	1	1	-	-	-	-
RAILS IN SITU.								
22 STRUCTURE	3	1	1	1	-	-	-	-
SURVIVES AS 1 WALL.								
23 WATER CHANNEL	2	2	1	1	-	-	-	-
UNDERGROUND.								
24 GWAL	3	2	1	1	-	-	-	-
25 WATER CHANNEL	2	2	2	1	-	-	-	-
26 WATER CHANNEL	1	1	1	1	-	-	-	-
SHALLOW, SLAB-LINED, T-SHAPED.								
27 PATH	1	1	1	1	-	-	-	-
OR WATER CHANNEL?								
28 STEPS	1	1	1	1	-	-	-	-
29 BRIDGE	3	1	1	1	-	-	-	-
ABUTMENTS ONLY.								
30 GWAL	1	1	1	1	-	-	-	-
31 BRIDGE	1	1	1	1	-	-	-	-
CORBELLED; TALL, NARROW STRUCTURE, IMPRESSIVE FEATURE.								

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 RICHARDS A J, 1991 [MONOGRAPH] A GAZETEER OF THE WELSH SLATE INDUSTRY, PP 158-9



20367 GOLEUWERN

161SW SH62101220 Scale: 1:5000

Diversity 2 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	STRUCTURE <i>OFFICE?</i>	2	2	2	1	-	-	-	-
2	STACKYARD	2	2	2	1	-	-	-	-
3	MILL <i>EXTENDED AT SOME STAGE. EARLIER PART IN POOR CONDITION.</i>	2	2	3	1	-	-	-	Y
4	WATERWHEEL PIT <i>REMOTE FROM MILL. WORKED LINE-SHAFTING BY ROPE- SYSTEM.</i>	1	1	1	1	-	Y	-	Y
5	INCLINE COUNTERBALANCE	1	2	1	1	-	-	-	-
6	INCLINE INTERMEDIATE LEVEL	1	2	1	1	-	-	-	-
7	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE. POSSIBLY NEVER ROOFED.</i>	2	2	2	1	-	-	-	-
8	GWALIAU	3	3	2	1	-	-	-	-
9	WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
10	GWALIAU	3	3	2	1	-	-	-	-
12	OBLITERATED	3	3	3	3	-	-	-	-
13	ADIT	1	1	1	2	-	-	-	-
14	STRUCTURE	3	3	2	1	-	-	-	-
15	WEIGHBRIDGE HOUSE	1	2	2	1	-	-	-	-
16	SMITHY	2	2	2	1	-	-	-	-
17	WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	-
18	QUARRY PIT	1	2	2	1	-	-	-	-
19	ADIT	-	-	-	-	-	-	-	-
20	ADIT	-	-	-	-	-	-	-	-
21	INCLINE WINDING HOUSE	2	2	2	1	-	-	-	-
22	INCLINE UPHAULAGE	3	3	3	1	-	-	-	-
23	SHAFT-HEAD <i>ONLY VISIBLE AS DEPRESSION IN FIELD.</i>	3	3	3	1	-	-	-	-
24	ROAD	1	1	2	1	-	-	-	-
25	WATER CHANNEL	2	2	2	1	-	-	-	-
26	SHELTER	1	1	2	1	-	-	-	-
27	LAUNDER SYSTEM <i>SINGLE PILLAR: CARRIED WATER-CHANNEL FOR (22)?</i>	3	3	2	1	-	-	-	-
28	MAGAZINE	2	2	2	1	-	-	-	-
29	STEPS	1	2	2	1	-	-	-	-

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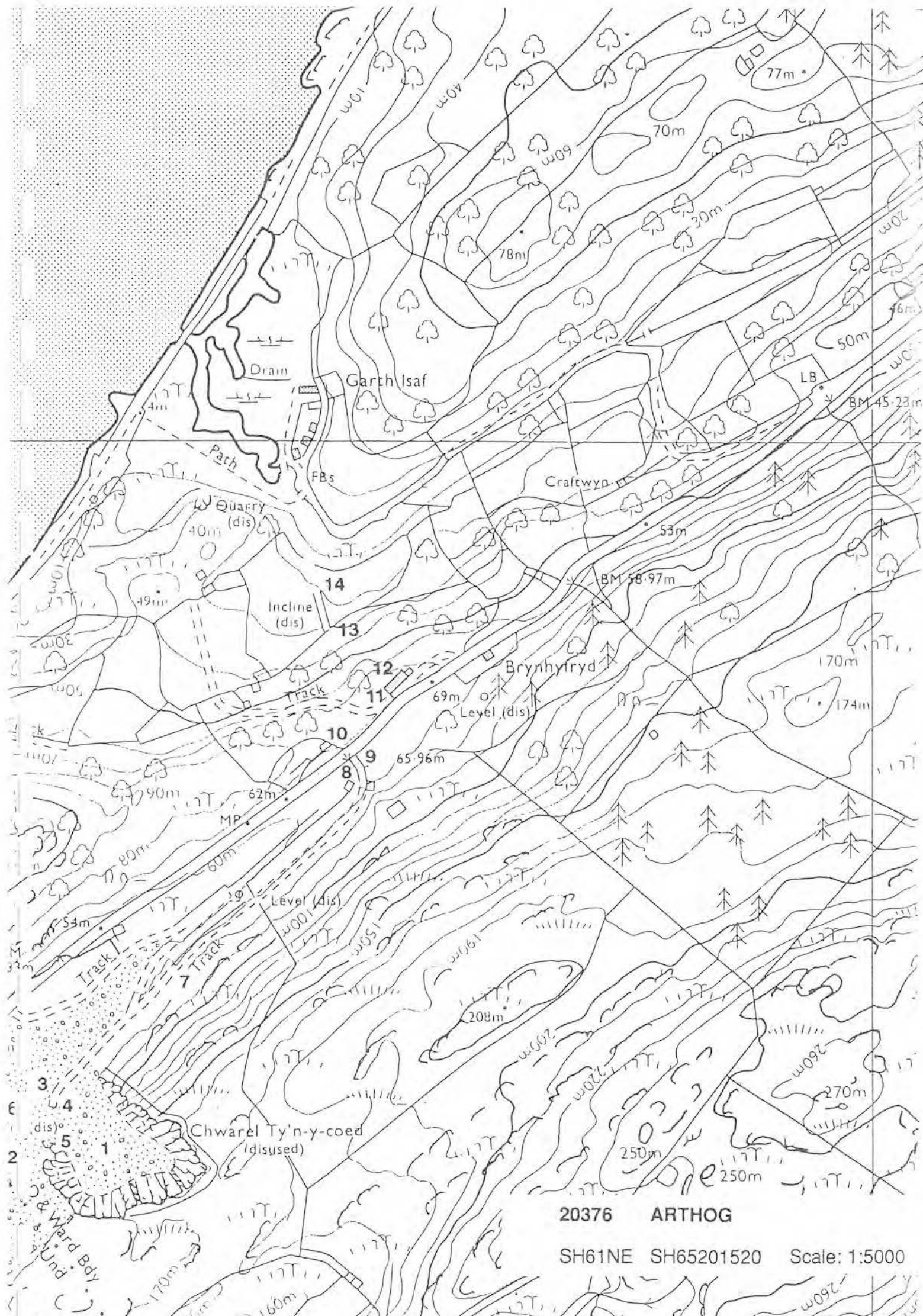
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BOARD OF TRADE 31 1539/4904 OFFICIAL RECORDS PRO KEW

BOARD OF TRADE 31 1157/2449C OFFICIAL RECORDS PRO KEW

PLAS TAN Y BWLCH. [UNPUBLISHED WORK] SURVEY OF DIFFRYN MAWDDACH QUARRIES, PASSIM

RICHARDS A J, 1991[MONOGRAPH] A GAZETEER OF THE WELSH SLATE INDUSTRY, P 160



20376 ARTHOG

SH61NE SH65201520 Scale: 1:5000

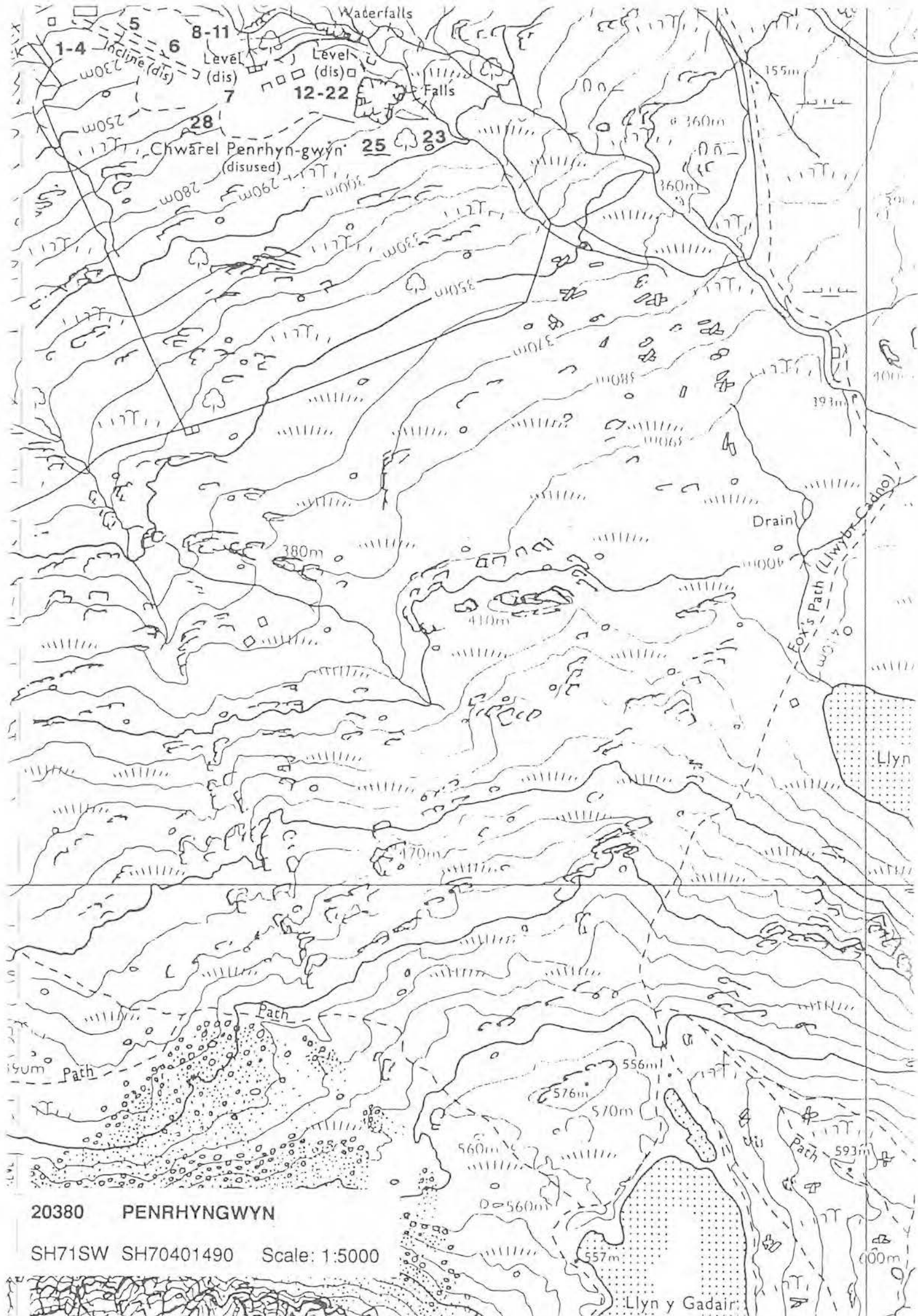
Diversity 2 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 STRUCTURE OFFICE?	2	2	2	1	-	-	-	-
2 STACKYARD	2	2	2	1	-	-	-	-
3 MILL EXTENDED AT SOME STAGE, EARLIER PART IN POOR CONDITION.	2	2	3	1	-	-	-	Y
4 WATERWHEEL PIT REMOTE FROM MILL, WORKED LINE-SHAFTING BY ROPE- SYSTEM.	1	1	1	1	-	Y	-	Y
5 INCLINE COUNTERBALANCE	1	2	1	1	-	-	-	-
6 INCLINE INTERMEDIATE LEVEL	1	2	1	1	-	-	-	-
7 INCLINE DRUMHOUSE THROUGH DRUMHOUSE. POSSIBLY NEVER ROOFED.	2	2	2	1	-	-	-	-
8 GWALIAU	3	3	2	1	-	-	-	-
9 WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
10 GWALIAU	3	3	2	1	-	-	-	-
12 OBLITERATED	3	3	3	3	-	-	-	-
13 ADIT	1	1	1	2	-	-	-	-
14 STRUCTURE	3	3	2	1	-	-	-	-
15 WEIGHBRIDGE HOUSE	1	2	2	1	-	-	-	-
16 SMITHY	2	2	2	1	-	-	-	-
17 WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	-
18 QUARRY PIT	1	2	2	1	-	-	-	-
19 ADIT	-	-	-	-	-	-	-	-
20 ADIT	-	-	-	-	-	-	-	-
21 INCLINE WINDING HOUSE	2	2	2	1	-	-	-	-
22 INCLINE UPHOULAGE	3	3	3	1	-	-	-	-
23 SHAFT-HEAD ONLY VISIBLE AS DEPRESSION IN FIELD	3	3	3	1	-	-	-	-
24 ROAD	1	1	2	1	-	-	-	-
25 WATER CHANNEL	2	2	2	1	-	-	-	-
26 SHELTER	1	1	2	1	-	-	-	-
27 LAUNDER SYSTEM SINGLE PILLAR. CARRIED WATER-CHANNEL FOR (22)?	3	3	2	1	-	-	-	-
28 MAGAZINE	2	2	2	1	-	-	-	-
29 STEPS	1	2	2	1	-	-	-	-

BIBLIOGRAPHIC REFERENCES

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 BOARD OF TRADE 31 1539/4904 OFFICIAL RECORDS PRO KEW
 BOARD OF TRADE 31 1157/2449C OFFICIAL RECORDS PRO KEW
 PLAS TAN Y BWLCH. [UNPUBLISHED WORK] SURVEY OF DYFFRYN MAWDDACH QUARRIES, PASSIM
 RICHARDS A J, 1991 [MONOGRAPH] A GAZETEER OF THE WELSH SLATE INDUSTRY, P 160



20380 PENRRHYNGWYN

SH71SW SH70401490 Scale: 1:5000

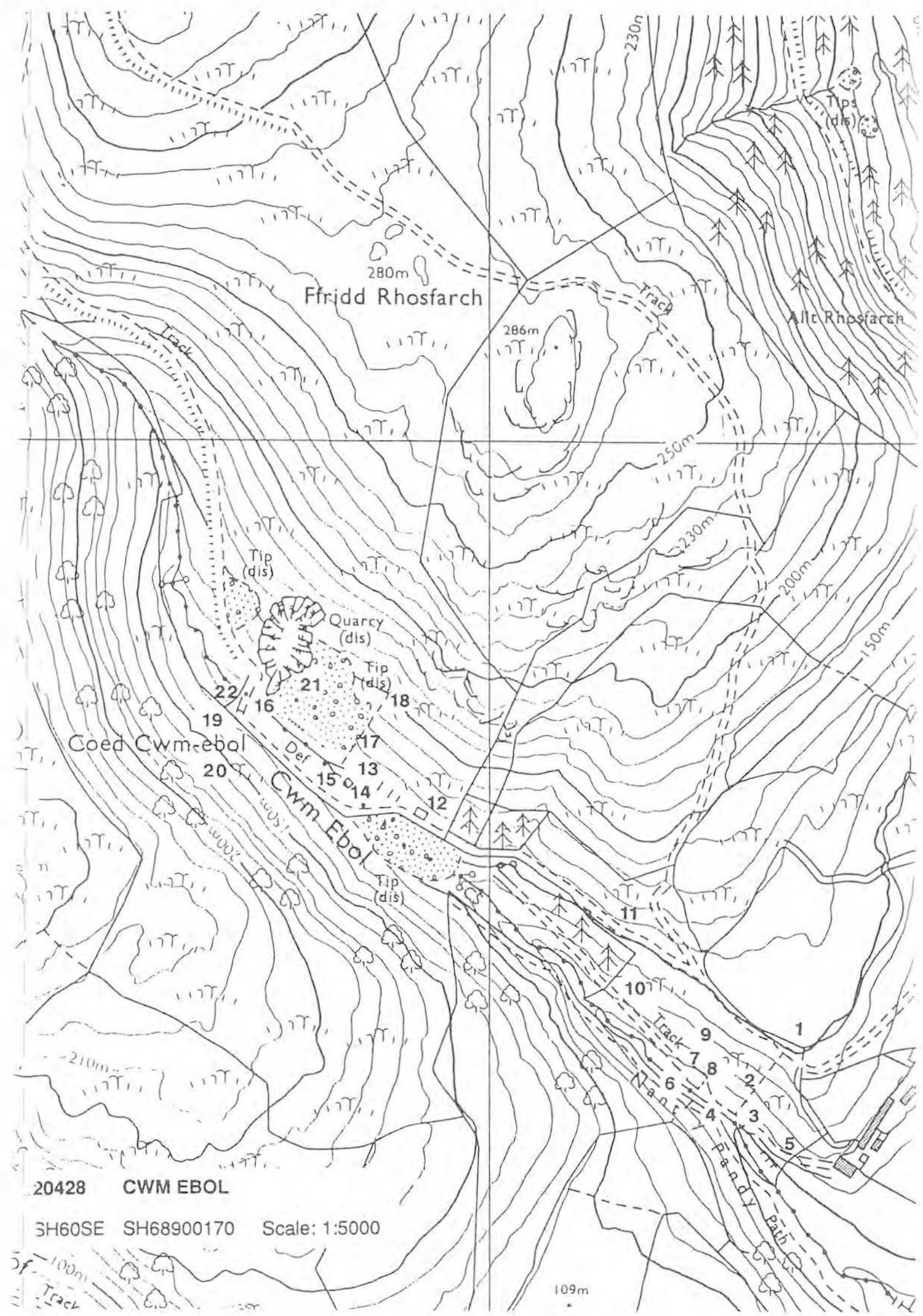
Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

*LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	INCLINE DRUMHOUSE <i>REMOTE.</i>	3	3	2	1	-	-	-	-
2	INCLINE COUNTERBALANCE	1	3	2	1	-	-	-	-
3	BRIDGE <i>ABUTMENTS ONLY.</i>	3	2	2	1	-	-	-	-
4	RETAINING WALL	1	1	2	1	-	-	-	-
5	ROAD	1	1	2	1	-	-	-	-
6	BRIDGE <i>SITE ONLY.</i>	3	3	1	1	-	-	-	-
7	WATERWHEEL PIT <i>LARGE HEADER TANK BASE SURVIVES.</i>	2	1	2	1	-	-	-	-
8	MILL LONGITUDINAL <i>APPARENTLY 2-STOREY. 2 RAILWAYS PASSED THROUGH. ORIGINAL ARRANGEMENTS NOT APPARENT.</i>	2	2	2	1	-	-	-	-
9	LAUNDER SYSTEM <i>PILLARS.</i>	3	3	2	1	-	-	-	-
10	RAILWAY <i>BADLY SLUMPED IN PLACES; IT IS NOT CLEAR IF IT WAS AN INCLINE - NO DRUMHOUSE IS APPARENT - OR A STEEP HORSE-WORKED RAILWAY. IT MAY EVEN HAVE BEEN A ROAD. BADLY DEGRADED IN PLACES AND AFFECTED BY FORESTRY.</i>	1	3	3	3	-	-	-	-
11	RAILWAY <i>CONVERTED TO ROAD.</i>	1	3	3	3	-	-	-	-
12	WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
13	MILL LONGITUDINAL <i>2 RAILWAYS CROSS THE MILL AS IN (8).</i>	3	3	3	1	-	-	-	-
14	WATERWHEEL PIT <i>PIT IS SITUATED BEHIND, AND AT RIGHT ANGLES TO, THE NW GABLE WALL. STEPS LEAD TO FOOT OF PIT.</i>	2	3	3	1	-	-	-	-
15	LAUNDER SYSTEM <i>PILLARS.</i>	3	3	3	1	-	-	-	-
16	RAILWAY	1	1	1	1	-	-	-	-
17	INCLINE COUNTERBALANCE <i>POSSIBLY A TRWNC. POSSIBLY NEVER COMPLETED.</i>	1	2	1	1	-	-	-	-
18	INCLINE DRUMHOUSE <i>REMOTE.</i>	3	2	2	1	-	-	-	-
19	TRIAL	1	1	1	1	-	-	-	-
20	TRIAL	1	1	1	1	-	-	-	-
21	GWALIAU	3	3	2	1	-	-	-	-

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 LINDSAY J, 1974[MONOGRAPH] *A HISTORY OF THE NORTH WALES SLATE INDUSTRY*, P 180
 RICHARDS A J, 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, P 168



20428 CWM EBOL

SH60SE SH68900170 Scale: 1:5000

109m

Diversity 2 Archive Val. 3 Archaeol. Record 2 Amenity Val. 3 Visual Amenity 2

A large quarry, the remains of which have been substantially destroyed by afforestation. However, the remains of the water-powered ropeway system are unique survivors from the mid-nineteenth century of this type of technology. As such they constitute the first example of a typology that includes the steam-powered system at Blaen y Cae, the more sophisticated steam, later electrically-powered, system at Pen yr Orsedd, the inclined blondin ropeways on Australia and Egypt at Dinorwic, and the later water-powered system at Rhos.

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 OBLITERATED	3	3	3	3	-	-	-	-
2 STRUCTURE	3	3	2	1	-	-	-	-
3 STRUCTURE	3	3	2	1	-	-	-	-
PRACTICALLY NOTHING SURVIVES APART FROM RUBBLE.								
4 EMBANKMENT	1	1	1	1	-	-	-	-
5 INCLINE DRUMHOUSE	3	2	2	1	-	-	-	-
REMOTE.								
6 INCLINE COUNTERBALANCE	2	2	1	1	-	-	-	-
7 BRIDGE	3	2	2	1	-	-	-	-
ABUTMENTS ONLY SURVIVE.								
8 INCLINE INTERMEDIATE LEVEL	2	2	2	1	-	-	-	-
9 STRUCTURE	3	3	2	1	-	-	-	-
10 WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	-
11 WATERWHEEL PIT	1	1	2	1	-	-	-	Y
PILLAR FOR HEADER TANK SURVIVES. ALSO PART OF AXLE AND FRAGMENT OF WHEEL.								
12 COMPRESSOR HOUSE	1	1	2	1	-	-	-	Y
MACHINE BASE EVIDENT. WORKED BY BELT-DRIVE FROM (11).								
13 SHAFT-HEAD	1	1	1	1	-	-	-	Y
FLOODED TO HEAD OF SHAFT.								
14 ADIT	1	1	1	1	-	-	-	Y
15 QUARRY PIT	1	1	1	1	-	-	-	-
16 SHELTER	3	3	2	1	-	-	-	-
17 SHELTER	3	3	2	1	-	-	-	-
18 INCLINE COUNTERBALANCE	2	2	1	1	-	-	-	-
19 BRIDGE	3	2	1	1	-	-	-	-
ABUTMENTS ONLY SURVIVE.								
20 INCLINE DRUMHOUSE	1	1	2	1	-	-	-	-
THROUGH DRUMHOUSE. DRUM SURVIVES INTACT.								
21 STRONGPOINT	3	3	2	1	-	-	-	-
FUNCTION OBSCURE.								
22 HAULAGE SHAFT-HEAD	1	1	1	1	-	-	-	-
23 INCLINE COUNTERBALANCE	3	3	2	1	-	-	-	-
24 INCLINE DRUMHOUSE	3	3	1	1	-	-	-	-
THROUGH DRUMHOUSE.								
25 QUARRY AREA	1	1	1	1	-	-	-	-
FORMER TUNNEL ACCESS QUARRIED AWAY								
26 QUARRY PIT	1	1	1	1	-	-	-	-
27 STRUCTURE	3	3	1	1	-	-	-	-
DRUMBASE FOR (28) POWERED BY ROPE FROM (3).								
28 HAULAGE SHAFT-HEAD	2	2	2	1	-	-	-	-
POSSIBLY INCLINED RATHER THAN VERTICAL.								
29 STRUCTURE	3	3	1	1	-	-	-	-
DRUM-BASE FOR (30)?								
30 HAULAGE SHAFT-HEAD	2	2	2	1	-	-	-	-
POSSIBLY INCLINED RATHER THAN VERTICAL.								
31 INCLINE COUNTERBALANCE	1	2	2	1	-	-	-	-
32 INCLINE DRUMHOUSE	3	3	1	1	-	-	-	-
THROUGH DRUMHOUSE.								
33 WATERWHEEL PIT	3	2	2	1	Y	Y	-	Y
DRUM AT (34) POWERED BY WHEEL AT (33) AND (35) IN TURN POWERED (36) - AN EXAMPLE OF A DYFFRYN NANTLLE STYLE HAULAGE SYSTEM.								

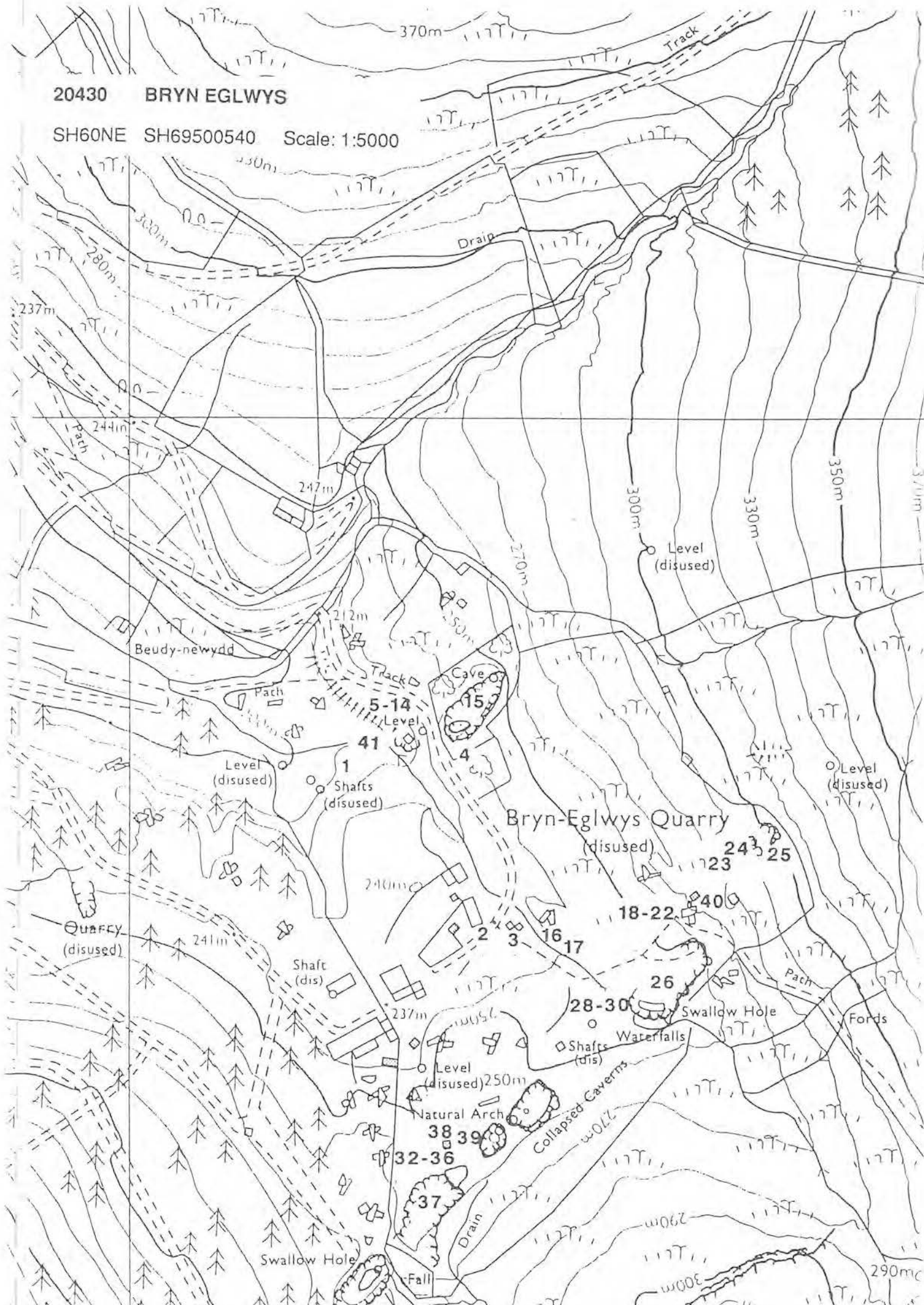
20430 BRYNEGLWYS SH69500540					Class		2.0		
34	ROPEWAY SYSTEM DRUM BASE	3	2	2	1	Y	Y	-	Y
	DRUM BASE.								
35	WATERWHEEL PIT	3	2	2	1	Y	Y	-	Y
36	ROPEWAY SYSTEM	3	1	2	1	Y	Y	-	Y
	STRONGPOINT SURVIVES.								
38	WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
39	STRONGPOINT	1	2	2	1	-	-	-	-
40	GWAL	2	2	2	1	-	-	-	-
41	RAMP	1	1	1	1	-	-	-	-

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20430 BRYN EGLWYS

SH60NE SH69500540 Scale: 1:5000



Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

-LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	WATER STORAGE <i>RESERVOIR IMPOUNDED BY DAM.</i>	1	1	1	1	-	-	-	-
2	WATER STORAGE <i>RESERVOIR IMPOUNDED BY DAM.</i>	1	2	2	3	-	-	-	-
3	QUARRY PIT	1	2	1	1	-	-	-	-
4	QUARRY PIT	1	2	1	1	-	-	-	-
5	STRUCTURE <i>POSSIBLE STRONGPOINT.</i>	3	3	3	3	-	-	-	-
6	WATER CHANNEL	2	2	1	1	-	-	-	-
7	ADIT	2	2	2	1	-	-	-	-
8	ADIT	-	-	-	-	-	-	-	-
9	INCLINE DRUMHOUSE <i>REMOTE.</i>	3	3	3	1	-	-	-	-
10	STRUCTURE	3	3	3	3	-	-	-	-
11	INCLINE COUNTERBALANCE <i>PARTLY COVERED BY FORESTRY AND IN ONE PLACE CROSSED BY A FORESTRY ROAD. ROLLER BOXES IN SITU. ALSO LENGTHS OF BRIDGE RAIL.</i>	3	3	3	3	-	-	-	-
12	MILL <i>SITE ONLY: SMALL FRAGMENTS OF BACK WALL SURVIVE.</i>	3	3	1	2	-	-	-	-
13	DWELLING <i>MAY HAVE INCLUDED A STABLE. HIP ROOF T PLAN STRUCTURE, POSSIBLY CONSTRUCTED IN TWO STAGES. TWO STOREY.</i>	1	1	1	1	-	-	-	-
14	TIPS	2	2	1	1	-	-	-	-
15	MAGAZINE <i>IN FORESTRY.</i>	2	1	2	2	-	-	-	-
16	ADIT	1	1	1	1	-	-	-	-
17	TIPS <i>SOME TOPROCK, ALSO SMALLER STONES.</i>	1	1	1	1	-	-	-	-
18	RAILWAY <i>CONNECTED (16) TO (18).</i>	3	3	2	2	-	-	-	-
19	INCLINE DRUMHOUSE <i>REMOTE, BRAKE GEAR AND WOODEN AXLE SURVIVE</i>	3	3	3	1	-	-	-	-
20	INCLINE COUNTERBALANCE	3	3	2	3	-	-	-	-
21	DWELLINGS <i>3 2-STOREY DWELLINGS WITH A LARGE GARDEN AND A PRIVY.</i>	1	1	1	1	-	-	-	-
22	RAILWAY	2	3	3	1	-	-	-	-
23	LOCOMOTIVE SHED? <i>STONE STRUCTURE. REMAINS OF CURVED CORRUGATED IRON ROOF.</i>	2	3	2	1	-	-	-	-

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- BRADLEY V J, 1992[MONOGRAPH] *INDUSTRIAL LOCOMOTIVES OF NORTH WALES*, PP 284-6
 RICHARDS A J, 1991[MONOGRAPH] *A GAZETEER OF THE WELSH SLATE INDUSTRY*, P 171

Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

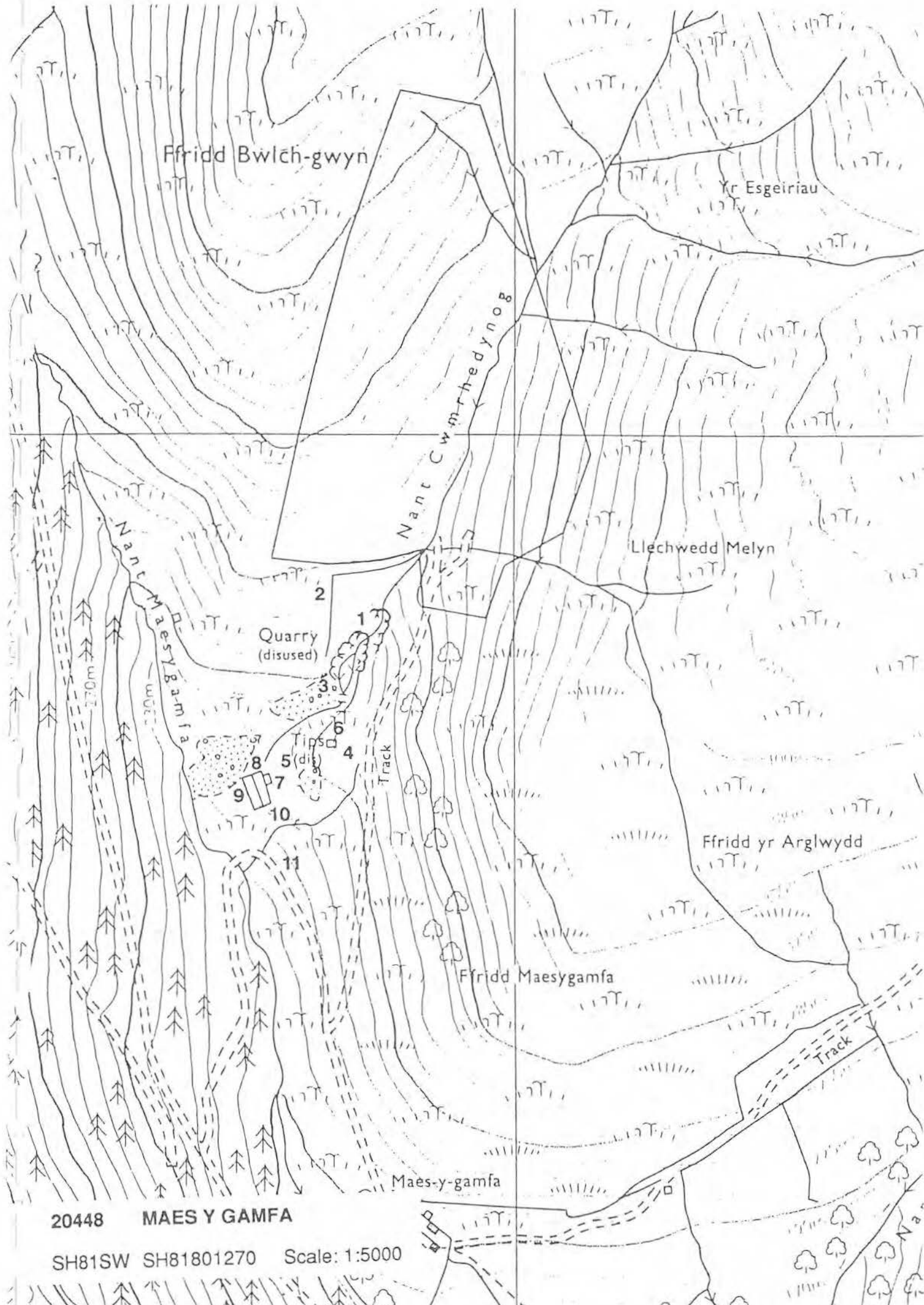
LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 QUARRY PIT <i>TRACES OF GALLERY SYSTEM SURVIVE.</i>	1	1	2	1	-	-	-	-
2 WATER CHANNEL	3	3	1	1	-	-	-	-
3 ADIT	1	1	2	1	-	-	-	-
4 INCLINE DRUMHOUSE <i>3-SIDED STRUCTURE, WINDOWS IN SIDE WALLS SUGGEST THAT IT DID NOT SUPPORT A DRUM.</i>	2	2	2	1	-	-	-	-
5 INCLINE COUNTERBALANCE	3	3	2	1	-	-	-	-
6 INCLINE TRWNC DOCK <i>SLEEPER IMPRESSIONS FAINTLY VISIBLE ON SIDING TO DOCK.</i>	1	2	2	1	-	-	-	-
7 STRUCTURE	2	2	2	1	-	-	-	-
8 WATERWHEEL PIT <i>FILLED IN.</i>	3	2	1	1	-	-	-	-
9 MILL	3	2	2	1	-	-	-	-
10 MILL WASTE TIP <i>INCLUDES PIECES OF CHIMNEY-PIECE FANCIES.</i>	1	1	1	1	-	-	-	-
11 RAILWAY <i>FARM ROAD BUILT OVER TRACE.</i>	3	3	3	1	-	-	-	-

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Ffridd Bwlch-gwyn

Yr Esgeiriau

Nant Cwrhedynog

Llechwedd Melyn

Quarry
(disused)

Nant Maesygamfa

Ffridd yr Arglwydd

Ffridd Maesygamfa

Maes-y-gamfa

Track

20448 MAES Y GAMFA

SH81SW SH81801270 Scale: 1:5000

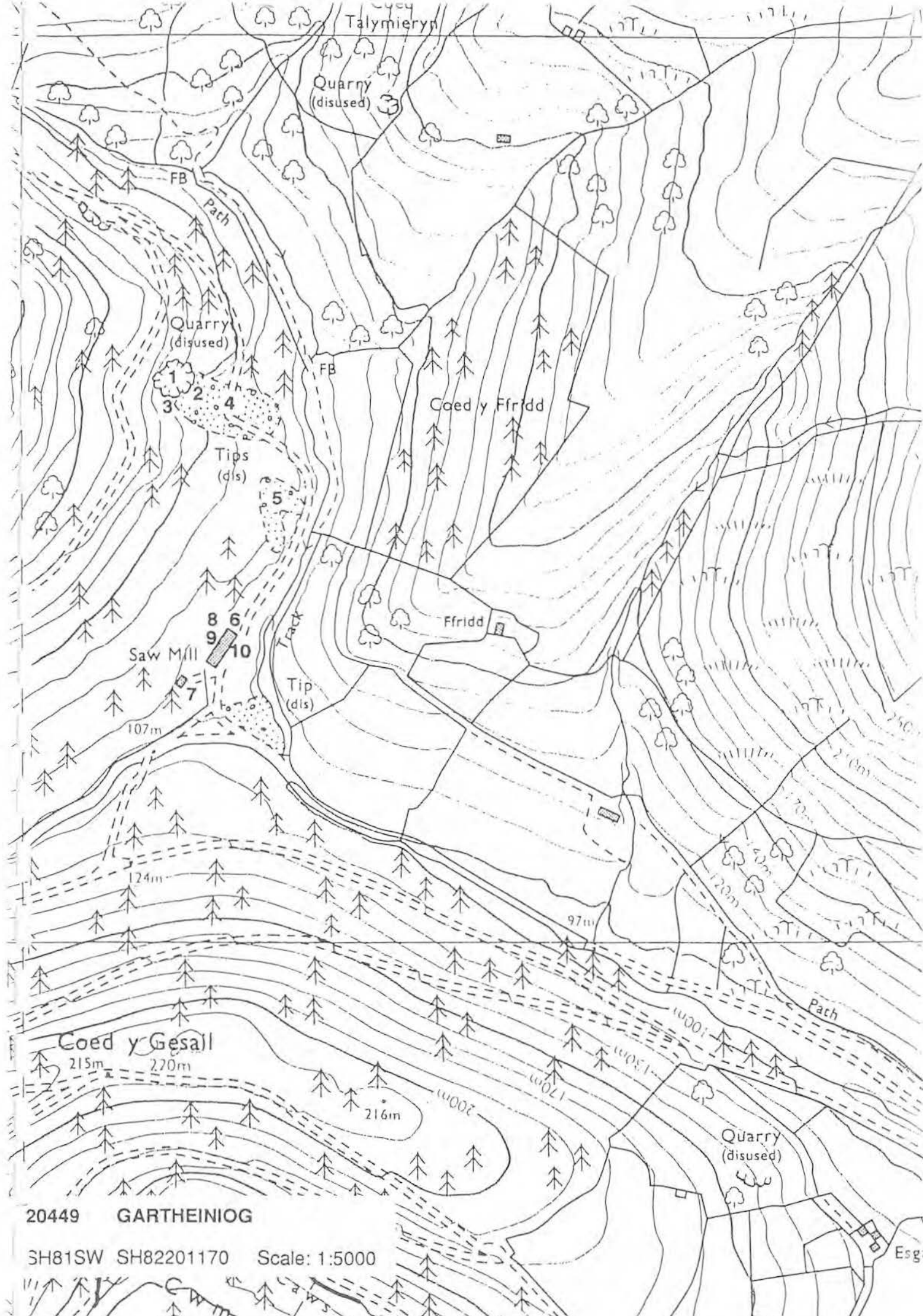
Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	QUARRY PIT <i>SOME TIPPING OF DOMESTIC RUBBISH.</i>	1	1	1	1	-	-	-	-
2	ADIT <i>REACHES LEDGE ON SIDE OF PIT - WORKING LEVEL TO WHICH IT GAVE ACCESS HAS BEEN QUARRIED AWAY.</i>	1	1	1	1	-	-	-	-
3	CHAMBER <i>NOT EASILY ACCESSIBLE.</i>	1	1	1	1	-	-	-	-
4	OBLITERATED <i>FORESTRY ROAD BUILT ACROSS THIS AREA.</i>	3	3	3	3	-	-	-	-
5	TIPS	1	3	3	1	-	-	-	-
6	MILL BAY <i>3-BAY TYPE. BUILT AT ONE MORE THAN ONE STAGE, HAS "TO BRAT" ROOF.</i>	1	1	1	1	-	-	-	-
7	OFFICE <i>BRICK-BUILT, POSSIBLY POST-DATES PERIOD OF QUARRY WORKING.</i>	1	1	1	1	-	-	-	-
8	PELTON WHEEL SITE	2	2	2	1	-	-	-	-
9	MACHINE BASE	2	2	2	1	-	-	-	-
10	COMPRESSOR HOUSE	3	3	2	1	-	-	-	-

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20449 GARTHEINIOG

SH81SW SH82201170 Scale: 1:5000

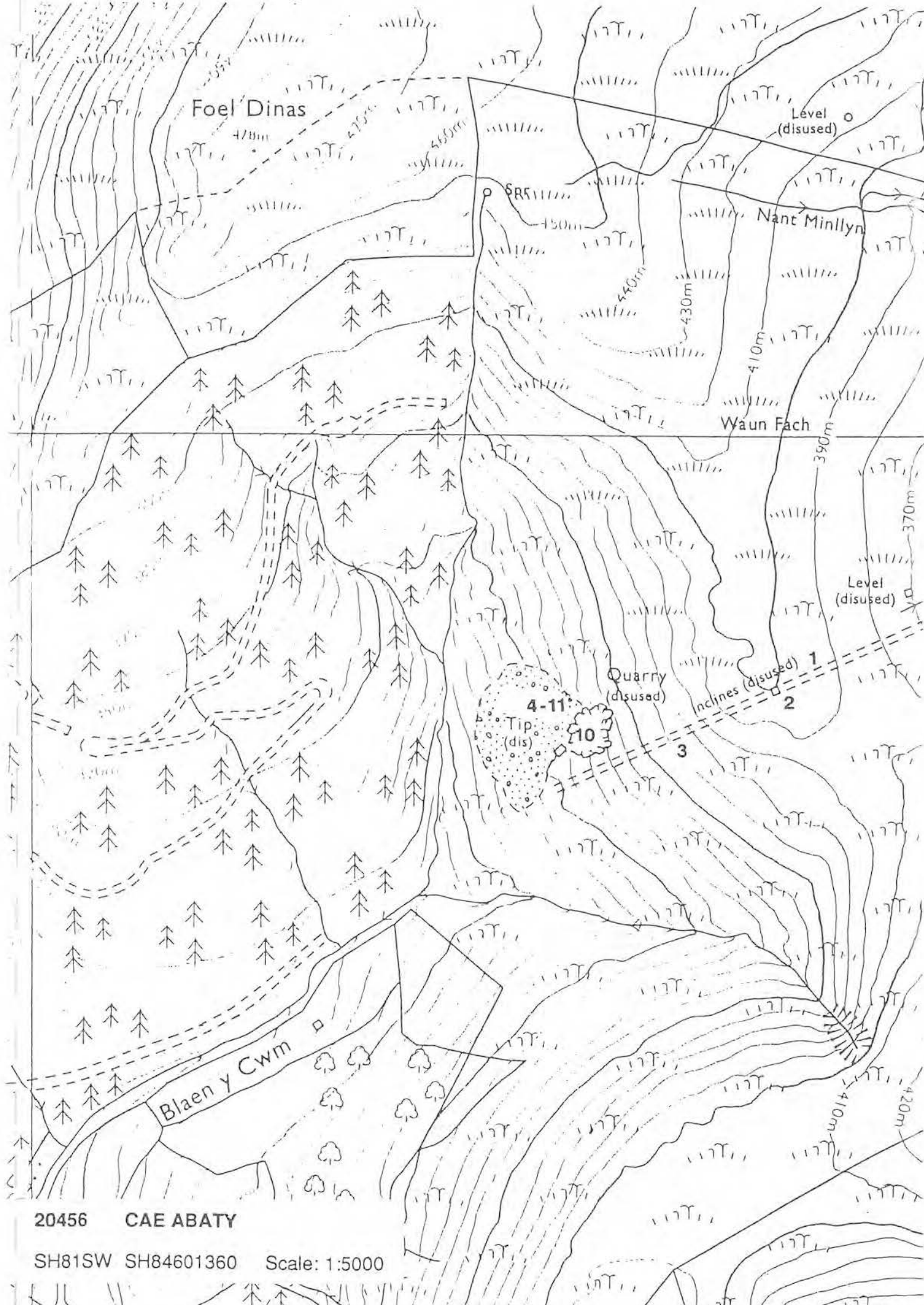
Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

-LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	INCLINE UPHAULAGE MECHANICAL	1	2	1	1	-	-	-	-
2	INCLINE WINDING ENGINE <i>FRAGMENTS OF TIMBER, BRAKE, AND STEP-DOWN GEARING SURVIVE ON SITE. ALSO WAGON TURNTABLE.</i>	3	3	1	1	-	-	-	-
3	INCLINE UPHAULAGE MECHANICAL	1	3	1	1	-	-	-	-
4	CRANE <i>FRAGMENTS ONLY.</i>	2	1	1	1	-	Y	-	-
5	INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE. DRUM FRAME, BRAKE AND SPINDLE REMAIN.</i>	1	2	2	1	-	-	-	-
6	INCLINE COUNTERBALANCE	3	3	1	1	-	-	-	-
7	GWALIAU	1	2	2	1	-	-	-	-
8	GWAL	1	2	2	1	-	-	-	-
9	ADIT <i>TO (10).</i>	-	-	-	-	-	-	-	-
10	QUARRY PIT	1	1	1	1	-	-	-	-
11	ADIT <i>TO (10).</i>	1	1	1	1	-	-	-	-

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20456 CAE ABATY

SH81SW SH84601360 Scale: 1:5000

Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

The mill here is a possible contender for being the earliest integrated mill and for being the earliest steam-powered mill in the Gwynedd slate industry. The engine house also best illustrates the way in which hydraulic power (in this case a pelton) sometimes replaced steam, rather than the other way about. The mill is also of interest as exemplifying an unwise speculation in a remote area, possibly based on the assumption that the Great Western Railway would be building a broad-gauge main line to Lleyrn through Dinas Mawddwy. Its significance is enhanced by the involvement of John Bright, M.P.

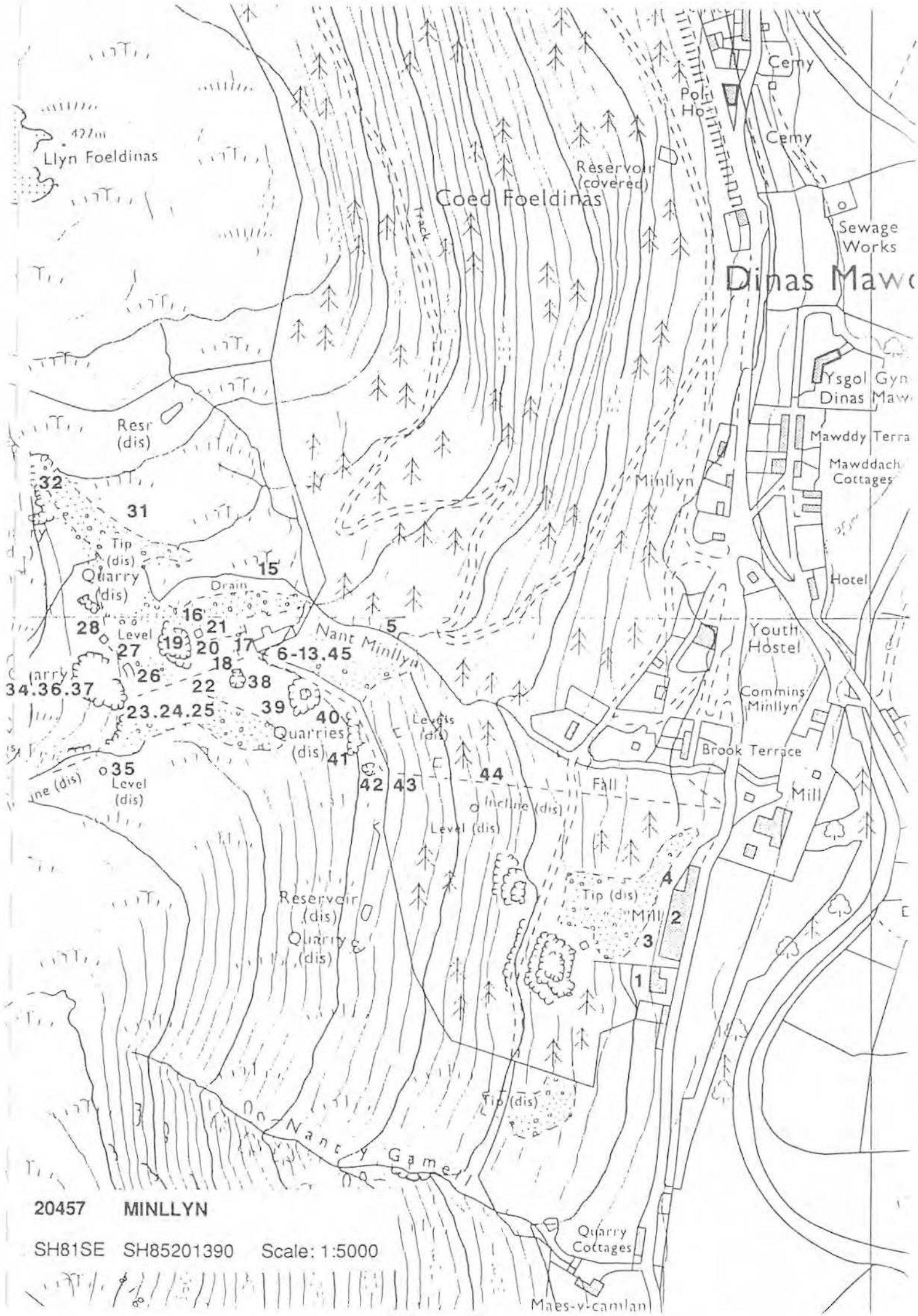
LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	DWELLING MANAGER'S HOUSE? AND STABLES.	2	1	2	1	-	-	-	-
2	MILL BAY 14 BAY, ARCHED DOORWAYS. POSSIBLY NOT ROOFED WHEN USED AS A MILL.	1	1	2	1	-	-	-	-
3	WATER PIPE POSSIBLY INDICATE SITE OF MILL PELTON WHEELS.	3	1	2	1	-	-	-	-
4	STRUCTURE OFFICE?	3	2	2	1	-	-	-	-
5	STEPS	1	3	2	1	-	-	-	-
6	MILL LONGITUDINAL PRESENCE OF (8) SUGGESTS THAT THIS WAS A SLATE-MAKING MILL.	2	2	2	1	Y	-	Y	Y
7	MILL LONGITUDINAL LATER ADDITION.	3	3	2	1	-	-	-	Y
8	MILL WASTE CHUTE	3	3	2	1	Y	Y	Y	Y
9	CABAN	2	2	2	1	-	-	-	Y
10	SMITHY?	2	2	3	1	-	-	-	Y
11	MILL ENGINE HOUSE FIREBRICKS ARE LETTERED "CHIEGLEY ABBERLEY MACCLESFIELD". ARRANGEMENTS OBSCURE, BUT STEAM ENGINE POSSIBLY REPLACED BY PELTON.	2	2	3	1	Y	-	Y	Y
12	CHIMNEY SQUARE PLAN. REMOTE.	2	3	3	1	Y	-	Y	Y
13	WEIGHBRIDGE HOUSE	1	3	3	1	-	-	-	-
14	ADIT TO (19). ARCHED MOUTH.	1	1	1	1	-	-	-	-
15	WATER PIPE POSSIBLY TO SUPPLY PELTON INSTALLED IN (11) AFTER THE STEAM ENGINE WAS REMOVED.	1	1	1	1	-	-	-	-
16	STRUCTURE	3	3	2	1	-	-	-	-
17	INCLINE COUNTERBALANCE	3	3	1	1	-	-	-	-
18	ADIT TO (19).	1	1	1	1	-	-	-	-
19	QUARRY PIT	2	2	1	1	-	-	-	-
20	CRANE SLAB BASE ONLY.	3	1	1	1	-	-	-	-
21	GWAL	3	3	2	1	-	-	-	-
22	INCLINE COUNTERBALANCE	2	2	2	1	-	-	-	-
23	INCLINE DRUMHOUSE THROUGH DRUMHOUSE. SUBSTANTIALLY CONSTRUCTED OF SQUARED STONES.	2	2	2	1	-	-	-	-
24	STRUCTURE 3 SLABS FORMING A BAY.	1	1	1	1	-	-	-	-
25	CRANE SLAB BASE ONLY; SAME PATTERN AS (20).	3	1	1	1	-	-	-	-
26	BRIDGE SINGLE ABUTMENT ONLY SURVIVES.	3	3	3	1	-	-	-	-
27	INCLINE COUNTERBALANCE DEGRADED.	2	3	3	1	-	-	-	-
28	INCLINE DRUMHOUSE REMOTE.	3	3	3	1	-	-	-	-
29	RAILWAY	2	3	2	1	-	-	-	-
30	RAILWAY	2	3	2	1	-	-	-	-

20457 MINLLYN SH85201390					Class		2.0		
31	PATH	2	3	2	1	-	-	-	-
	<i>POSSIBLE EARLY SLEDGE-WAYS</i>								
32	QUARRY FACE	1	1	1	1	-	-	-	-
33	QUARRY FACE	1	1	1	1	-	-	-	-
34	SHAFT-HEAD	1	1	1	1	-	-	-	-
35	MINE ADIT METALLIFEROUS	1	1	2	1	-	-	-	-
36	QUARRY PIT	1	1	1	1	-	-	-	-
37	QUARRY FACE	1	1	1	1	-	-	-	-
38	QUARRY FACE	1	1	1	1	-	-	-	-
39	QUARRY FACE	1	1	1	1	-	-	-	-
40	QUARRY FACE	1	1	1	1	-	-	-	-
41	SHAFT-HEAD	1	1	2	1	-	-	-	-
42	QUARRY FACE	1	1	1	1	-	-	-	-
43	INCLINE DRUMHOUSE	3	3	3	1	-	-	-	-
	<i>THROUGH DRUMHOUSE. BUILT OUT OF SQUARED STONE, LIKE (23).</i>								
44	INCLINE COUNTERBALANCE	1	2	1	3	-	-	-	-
45	PILLARS	2	2	2	1	-	-	-	-
46	INCLINE COUNTERBALANCE	3	3	2	1	-	-	-	-

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20457 MINLLYN

SH81SE SH85201390 Scale: 1:5000

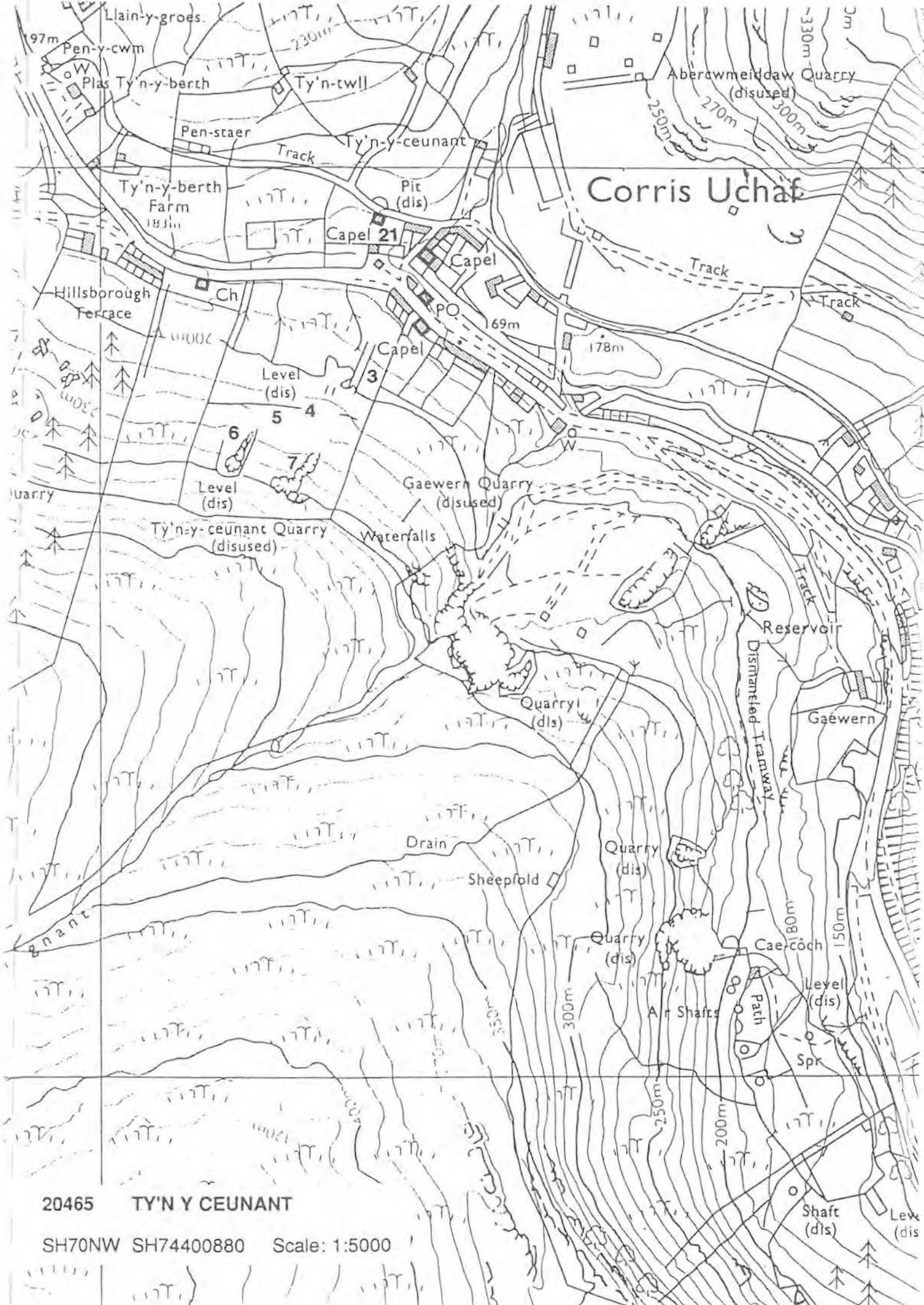
Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

-LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	MILL	3	3	2	1	-	-	-	-
2	WATERWHEEL PIT	3	3	2	1	-	-	-	-
3	INCLINE COUNTERBALANCE	1	2	1	1	-	-	-	-
4	INCLINE DRUMHOUSE THROUGH DRUMHOUSE.	3	2	2	1	-	-	-	-
5	GWALIAU	3	3	1	1	-	-	-	-
6	QUARRY FACE	1	1	1	1	-	-	-	-
7	QUARRY FACE	1	1	1	1	-	-	-	-

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CAERNARFON AND DENBIGH HERALD 15.08.1836 NEWSPAPER UCNW
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Corris Uchaf

20465 TY'N Y CEUNANT

SH70NW SH74400880 Scale: 1:5000

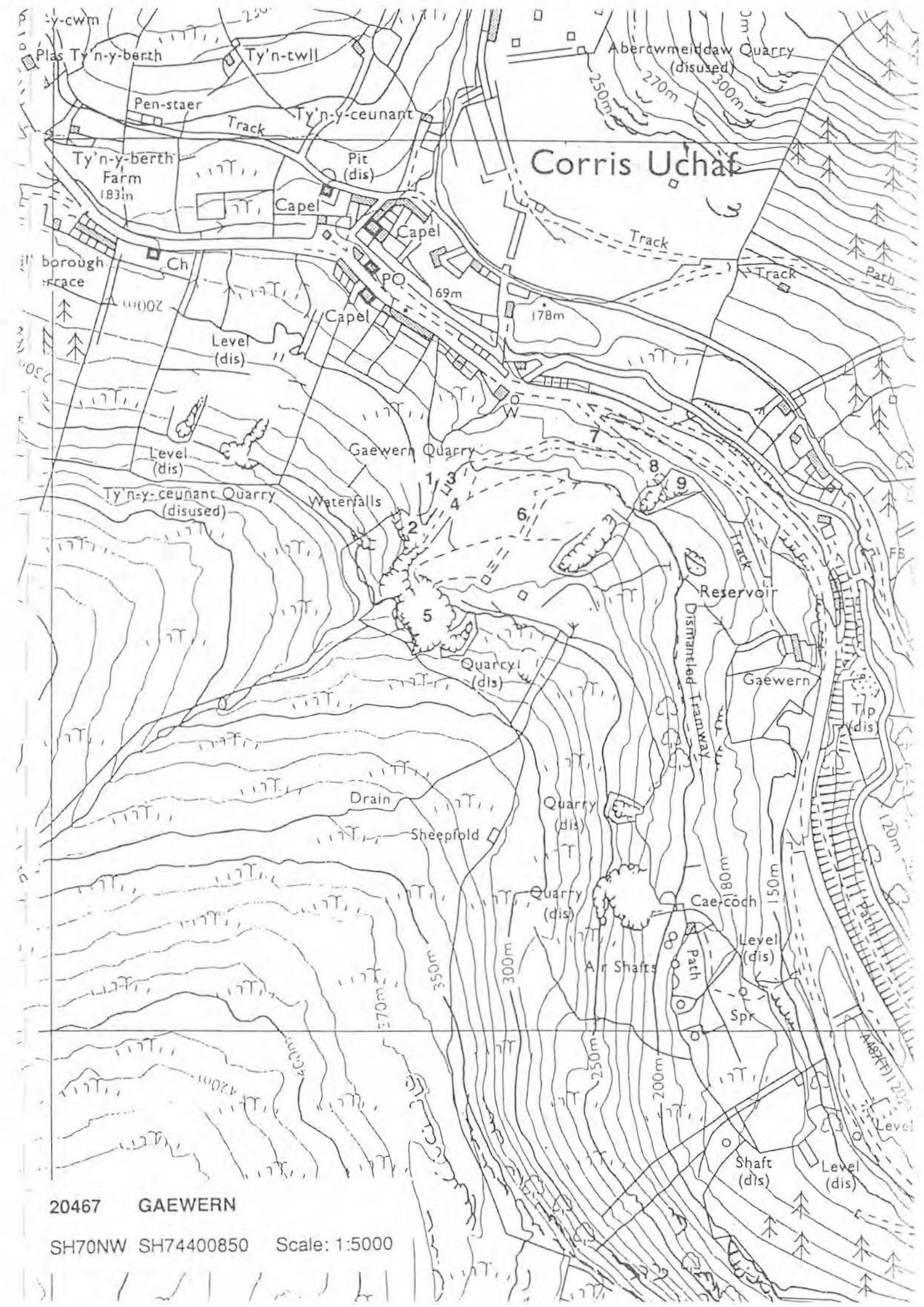
Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

*LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	WEIGHBRIDGE HOUSE	3	3	2	3	-	-	-	-
2	ADIT	1	1	1	1	-	-	-	-
3	INCLINE COUNTERBALANCE	1	1	1	1	-	-	-	-
4	INCLINE DRUMHOUSE	1	1	2	1	-	-	-	-
	THROUGH DRUMHOUSE. BRAKE AND DRUM INTACT. SLATES REMOVED FROM ROOF.								
5	QUARRY FACE	1	1	2	1	-	-	-	-
6	INCLINE	3	3	3	1	-	-	-	-
7	INCLINE	3	3	3	1	-	-	-	-
8	PILLARS	2	2	2	1	-	-	-	-
9	STRUCTURE	3	3	3	1	-	-	-	-

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Corris Uchaf

20467 GAEWERN

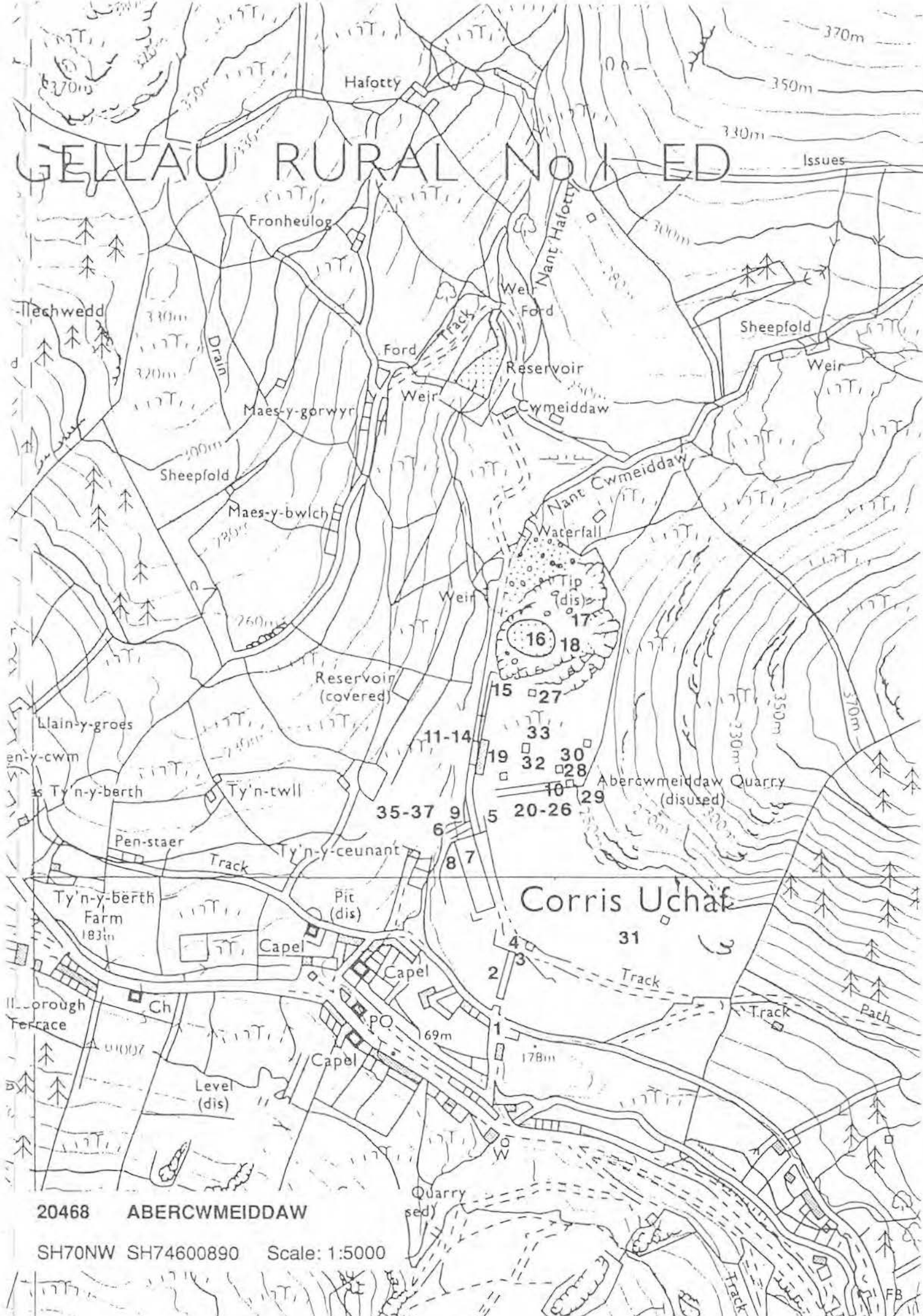
SH70NW SH74400850 Scale: 1:5000

Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

-LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 OBLITERATED	3	3	3	3	-	-	-	-
2 INCLINE COUNTERBALANCE	2	2	2	1	-	-	-	-
3 RETAINING WALL	2	2	2	1	-	-	-	-
4 BRIDGE	2	2	2	1	-	-	-	-
ABUTMENTS ONLY SURVIVE.								
5 STRONGPOINT	2	2	1	1	-	-	-	-
TOP SURFACE ANGLES TO PRESENT CONSTANT PLANE WITH								
(6), SUGGESTING A HAULAGE SHEAVE BASE.								
6 INCLINE?	3	3	1	1	-	-	-	-
7 RETAINING WALL	1	1	2	1	-	-	-	-
8 RETAINING WALL	1	1	2	1	-	-	-	-
9 BRIDGE	1	1	2	1	-	-	-	-
ABUTMENTS ONLY SURVIVE.								
10 INCLINE COUNTERBALANCE	2	2	2	1	-	-	-	Y
11 SMITHY	1	1	2	1	-	-	-	-
12 MILL ENGINE HOUSE	1	1	2	1	-	-	-	-
13 MILL	1	1	2	1	-	-	-	-
CONTAINS A PIT. POSSIBLY THE BAYS ON THE WEST SIDE								
ARE A LATER ADDITION. THE WEST WALL IS OPEN. THE								
MILL MAY ORIGINALLY HAVE BEEN LONGITUDINAL.								
14 MILL ENGINE HOUSE	3	2	1	1	-	-	-	-
CONCRETE FLOOR. PIT. ALIGNS WITH PIT IN (13). FOR								
INTERNAL COMBUSTION ENGINE?								
15 GWAL	3	3	1	1	-	-	-	-
16 QUARRY PIT	2	2	3	1	-	-	-	-
ROADWAY OPENED INTO PIT.								
17 QUARRY FACE	1	1	2	1	-	-	-	-
18 ADIT	1	1	1	1	-	-	-	-
THE "CORRIS BINOCULAR", CUT BY DOUBLE-HEADED								
BRUNTON MACHINE.								
19 CHIMNEY	1	1	1	1	-	-	-	-
SQUARE SECTION.								
20 INCLINE TRWNC DOCK	1	2	2	1	-	-	-	Y
21 WEIGHBRIDGE HOUSE	3	3	3	1	-	-	-	-
22 BRIDGE	3	2	2	1	-	-	-	Y
ABUTMENTS ONLY SURVIVE.								
23 INCLINE TRWNC DOCK	1	2	2	1	-	-	-	Y
24 BRIDGE	3	1	1	1	-	-	-	Y
ABUTMENTS ONLY SURVIVE.								
25 INCLINE TRWNC DOCK	1	2	2	1	-	-	-	Y
26 ABUTMENT	1	1	1	1	-	-	-	Y
27 SHELTER	2	2	2	1	-	-	-	-
28 STRONGPOINT	1	1	2	1	-	-	-	Y
29 INCLINE DRUMHOUSE	3	3	3	1	-	-	-	Y
REMOTE DRUMHOUSE. CONSIDERABLE DISTANCE FROM								
SUMMIT OF (10).								
30 WEIGHBRIDGE HOUSE	3	3	3	1	-	-	-	-
31 TIPS	3	3	3	3	-	-	-	-
LANDSCAPED.								
32 LOCOMOTIVE SHED	2	2	2	1	-	-	-	-
33 WEIGHBRIDGE HOUSE	2	2	2	1	-	-	-	-
34 STRUCTURE	2	3	2	1	-	-	-	-
WHEELPIT?								
35 STRUCTURE	2	3	2	1	-	-	-	-
WHEELPIT?								
36 PRIVY	2	2	2	1	-	-	-	-
37 ADIT	-	-	-	-	-	-	-	-
TO (16): COLLAPSED.								

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20468 ABERCWMEIDDAW

SH70NW SH74600890 Scale: 1:5000

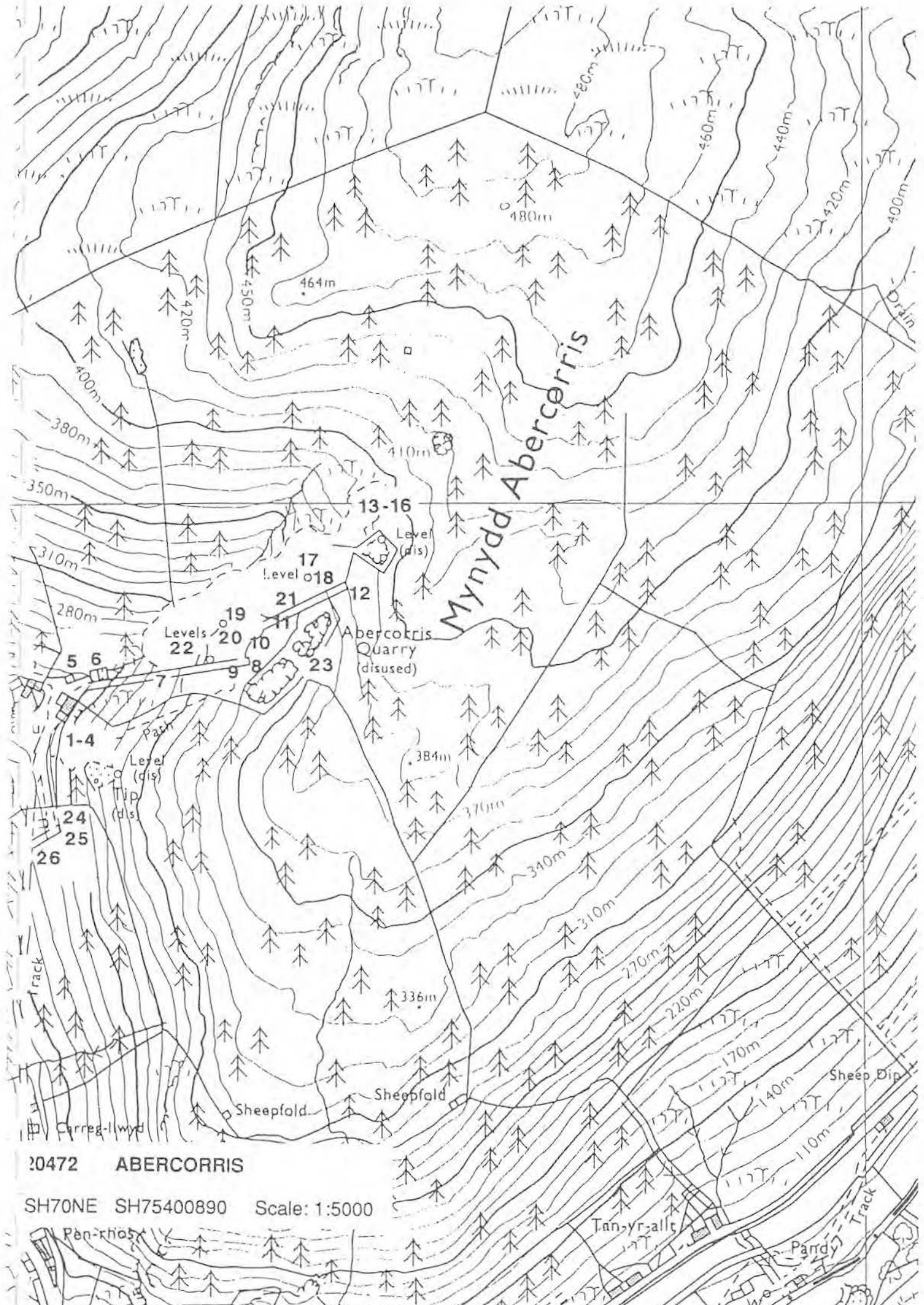
Diversity 3 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 2

LIST OF QUARRY FEATURES

		S	C	F	V	P	R	PO	GV
1	DWELLING <i>2-STOREY, POSSIBLY A FARMHOUSE.</i>	1	1	2	1	-	-	-	-
2	RETAINING WALL	1	1	2	1	-	-	-	-
3	MILL <i>ORIGINAL MILL IS A SINGLE-GABLE STRUCTURE, EITHER BAY OR LONGITUDINAL TYPE, WITH A VOUSOIR ARCH TRAMWAY DOOR IN THE NE GABLE, LATER REPLACED BY A FLAT LINTEL. EXTENSION ON NW SIDE IS LATER, POSSIBLY TRANSVERSE TYPE. MACHINE BASES AND AXLE BOXES EVIDENT IN EARLIER MILL.</i>	2	1	2	1	-	-	-	-
4	WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	-
5	STRUCTURE <i>POSSIBLY AN EARLY RADIAL MILL. LATTERLY A SMITHY, WITH INTERPOLATED HEARTH. A WATER-COURSE RUNS NEXT TO IT BUT THERE IS NO EVIDENCE OF A WHEELPIT.</i>	2	2	2	1	-	-	-	-
6	WATER STORAGE <i>RESERVOIR IMPOUNDED BY DAM.</i>	2	2	2	1	-	-	-	-
7	INCLINE COUNTERBALANCE	3	3	2	1	-	-	-	-
8	INCLINE DRUMHOUSE <i>REMOTE. BRAKE GEAR SURVIVES.</i>	2	1	1	1	-	-	-	-
9	RAILWAY EQUIPMENT <i>RAILS IN SITU.</i>	1	1	1	1	-	-	-	-
10	WEIGHBRIDGE HOUSE	3	3	2	1	-	-	-	-
11	INCLINE COUNTERBALANCE	3	3	3	3	-	-	-	-
12	INCLINE COUNTERBALANCE	3	3	3	3	-	-	-	-
13	CUTTING	1	1	2	1	-	-	-	-
14	QUARRY FACE	3	1	2	1	-	-	-	-
15	QUARRY PIT	3	1	2	1	-	-	-	-
16	ADIT	1	1	1	1	-	-	-	-
17	ADIT	1	1	1	1	-	-	-	-
18	WEIGHBRIDGE HOUSE	1	1	2	1	-	-	-	-
19	ADIT	1	1	1	1	-	-	-	-
20	GWAL	3	3	2	1	-	-	-	-
21	INCLINE INTERMEDIATE LEVEL	1	3	1	1	-	-	-	-
22	INCLINE INTERMEDIATE LEVEL	1	3	1	1	-	-	-	-
23	QUARRY FACE	1	1	2	3	-	-	-	-
24	WEIGHBRIDGE HOUSE	1	1	1	1	-	-	-	-
25	INCLINE DRUMHOUSE <i>REMOTE.</i>	1	1	1	1	-	-	-	-
26	INCLINE COUNTERBALANCE	3	3	1	1	-	-	-	-

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20472 ABERCORRIS

SH70NE SH75400890 Scale: 1:5000

Pan-rhos

Tan-yr-allt

Pandy

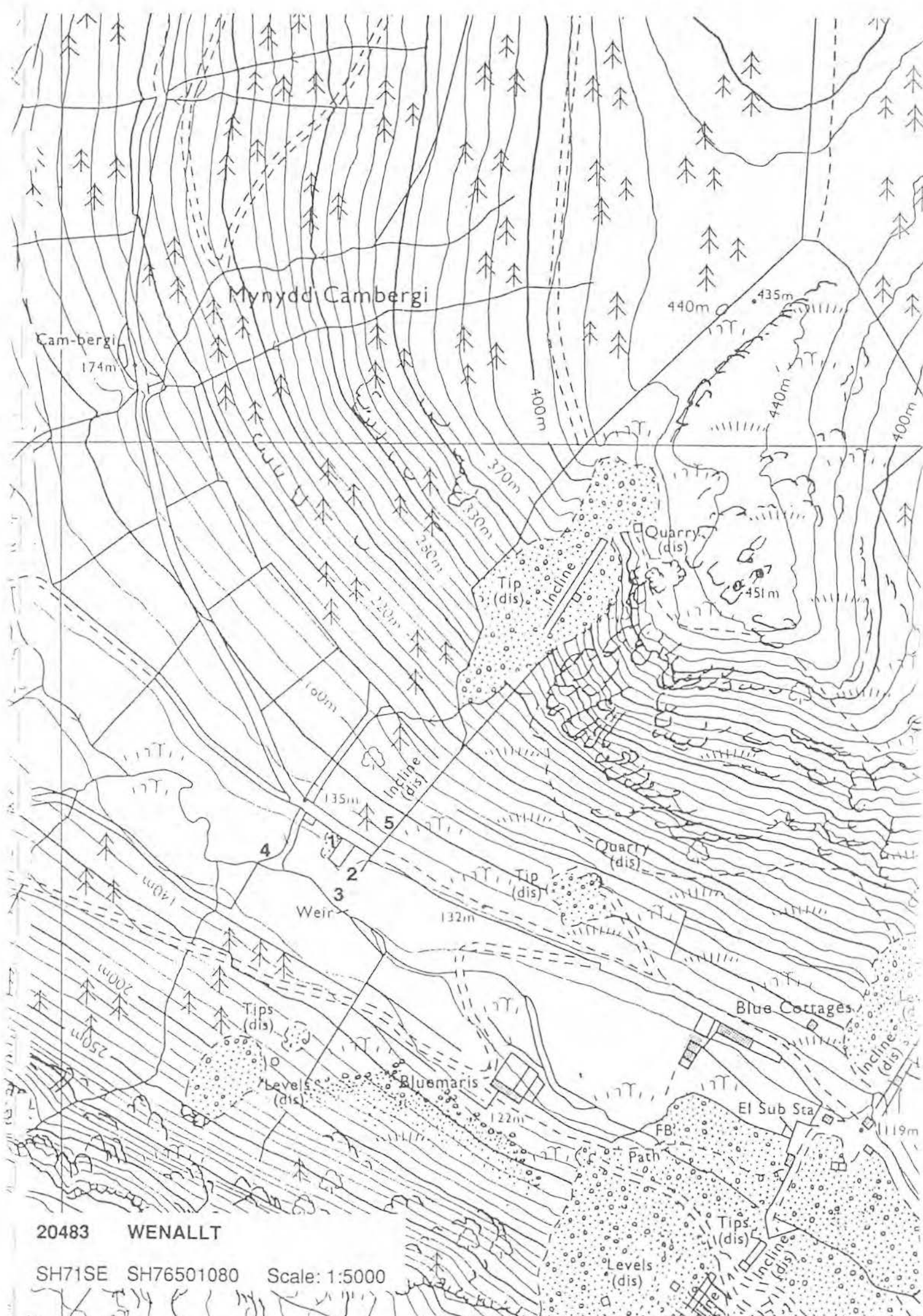
Diversity 2 Archive Val. 3 Archaeol. Record 3 Amenity Val. 3 Visual Amenity 3

-LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 MILL RADIAL CONTAINS 4 DEPRESSIONS ON MILL FLOOR FOR BELT DRIVE FROM UNDERFLOOR SHAFTING SYSTEM.	3	2	1	1	-	Y	-	Y
2 WATERWHEEL PIT REMAINS NOT EASILY INTERPRETED, BUT APPEARS TO HAVE DRIVEN UNDERFLOOR SHAFTING.	3	1	1	1	-	Y	-	Y
3 WATER CHANNEL FROM (2) TO STREAM.	2	2	1	1	-	-	-	-
4 MAGAZINE NOT SEEN.	-	-	-	-	-	-	-	-
5 INCLINE COUNTERBALANCE	1	2	1	1	-	-	-	-

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20483 WENALLT

SH71SE SH76501080 Scale: 1:5000

Diversity 1 Archive Val. 1 Archaeol. Record 3 Amenity Val. 2 Visual Amenity 1

The only quarry in the Corris area to remain in production. The waterbalance on the southern side is the better example of the two waterbalances at this site. These once-common features nowhere else survive with their equipment largely intact as they do here. There are a considerable number of other features of interest at this site, still in production. The railway uses unusual single-bladed points and single-flanged wheels. There is an attractive office building, and the remains of the "Blue Cottages" (a feature which may, in fact, belong to neighbouring Cambergi [Wenallt]), are of interest. The steam-powered derrick crane at the northern extremity of the workings is not included in the survey as being a post-war innovation, but it is a substantial survival.

LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 MILL TRANSVERSE <i>ALL MACHINERY IS NEW; 2 WATER-WHEEL POSITIONS EVIDENT, HALF OF 1 WATER-WHEEL REMAINS BELOW FLOOR.</i>	1	1	1	1	-	-	-	-
2 STABLES	1	1	1	1	-	-	-	-
3 WATER CHANNEL	1	1	1	1	-	-	-	-
4 OFFICE <i>ATTRACTIVE FEATURE, SOME ORNAMENTATION, INCLUDES BELFRY, BELL INTACT.</i>	1	1	2	1	-	-	-	-
5 SLUICE	1	1	1	1	-	-	-	-
6 WATER STORAGE <i>RESERVOIR.</i>	1	1	1	1	-	-	-	-
7 ADIT <i>REMAINS IN USE. REACHES LARGE UNDERGROUND EXTRACTION POINT. BLOCKS TRANSPORTED ON 2'3" GAUGE RAILWAY, BY BATTERY-ELECTRIC LOCOMOTIVE ON FLAT WAGONS. RUBBLE IN OPEN-ENDED BOX WAGONS, SINGLE-BLADED POINTS NOTED. RUBBLE TIPPED UNDERGROUND. BLOCKS TRANSFERRED TO FORKLIFT TRUCK FOR TRANSPORT TO (1).</i>	1	1	1	1	-	-	-	Y
8 INCLINE UPHAULAGE WATERBALANCE <i>FOR TIPPING RUBBLE. TRWNC.</i>	1	1	1	1	-	Y	-	Y
9 INCLINE WINDING HOUSE WATERBALANCE <i>WATER TRUCK AND "TRWNC" SURVIVE, BUT NO TANK, DRUM OR BRAKE.</i>	1	1	1	1	-	Y	-	Y
10 INCLINE COUNTERBALANCE <i>TRWNC INCLINE, TRWNC WAGON INTACT.</i>	1	1	1	1	-	Y	-	Y
11 INCLINE DRUMHOUSE <i>REMOTE DRUMHOUSE, MECHANISM SURVIVES.</i>	1	1	1	1	-	Y	-	Y
12 MILL RADIAL	3	3	2	2	-	-	-	-
13 RETAINING WALL	1	1	1	1	-	-	-	-
14 ADIT	1	1	1	1	-	-	-	-
15 INCLINE COUNTERBALANCE <i>POSSIBLY ORIGINALLY FORMED ONE INCLINE WITH (10).</i>	3	3	2	1	-	-	-	-
16 INCLINE DRUMHOUSE <i>REMOTE.</i>	2	2	1	1	-	-	-	-
17 INCLINE?	3	3	1	1	-	-	-	-
18 INCLINE UPHAULAGE WATERBALANCE <i>COMPLETELY INTACT.</i>	1	1	1	1	-	Y	-	Y
19 INCLINE WINDING HOUSE WATERBALANCE <i>ALL EQUIPMENT REMAINS IN SITU.</i>	1	1	1	1	-	Y	-	Y
20 ADIT	1	1	1	1	-	-	-	-
21 ADIT	3	3	1	1	-	-	-	-
22 INCLINE COUNTERBALANCE	3	3	1	1	-	-	-	-
23 INCLINE COUNTERBALANCE <i>DRUM SURVIVES IN DRUMHOUSE</i>	1	1	1	1	-	-	-	-
24 SMITHY?	3	2	1	1	-	-	-	-
25 WALL <i>RETAINING WALL OR BRIDGE ABUTMENT</i>	3	2	1	1	-	-	-	-
26 RAILWAY <i>FROM (8) TO (1).</i>	1	1	1	1	-	-	-	-
27 DWELLINGS <i>2-STORY: THE "BLUE COTTAGES"</i>	1	2	2	2	-	-	-	-

20487 ABERLLEFENI SH76801030

							Class	1.0	
28	INCLINE COUNTERBALANCE	2	2	1	1	-	-	-	-
	UPPER PART DEGRADED.								
29	INCLINE DRUMHOUSE	-	-	-	-	-	-	-	-
	NOT VISITED.								
30	INCLINE COUNTERBALANCE	-	-	-	-	-	-	-	-
	NOT VISITED.								
31	INCLINE DRUMHOUSE	-	-	-	-	-	-	-	-
	NOT VISITED.								
32	INCLINE COUNTERBALANCE	3	3	3	1	-	-	-	-
33	INCLINE DRUMHOUSE	3	3	3	1	-	-	-	-
34	INCLINE COUNTERBALANCE	3	3	3	1	-	-	-	-
35	INCLINE DRUMHOUSE	3	3	3	1	-	-	-	-
36	STRUCTURE	3	3	3	1	-	-	-	-
37	INCLINE COUNTERBALANCE	3	3	3	1	-	-	-	-
38	INCLINE DRUMHOUSE	3	3	3	1	-	-	-	-
39	SHAFT-HEAD	1	1	1	1	-	-	-	-

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Diversity 1 Archive Val. 2 Archaeol. Record 3 Amenity Val. 2 Visual Amenity 2

*LIST OF QUARRY FEATURES

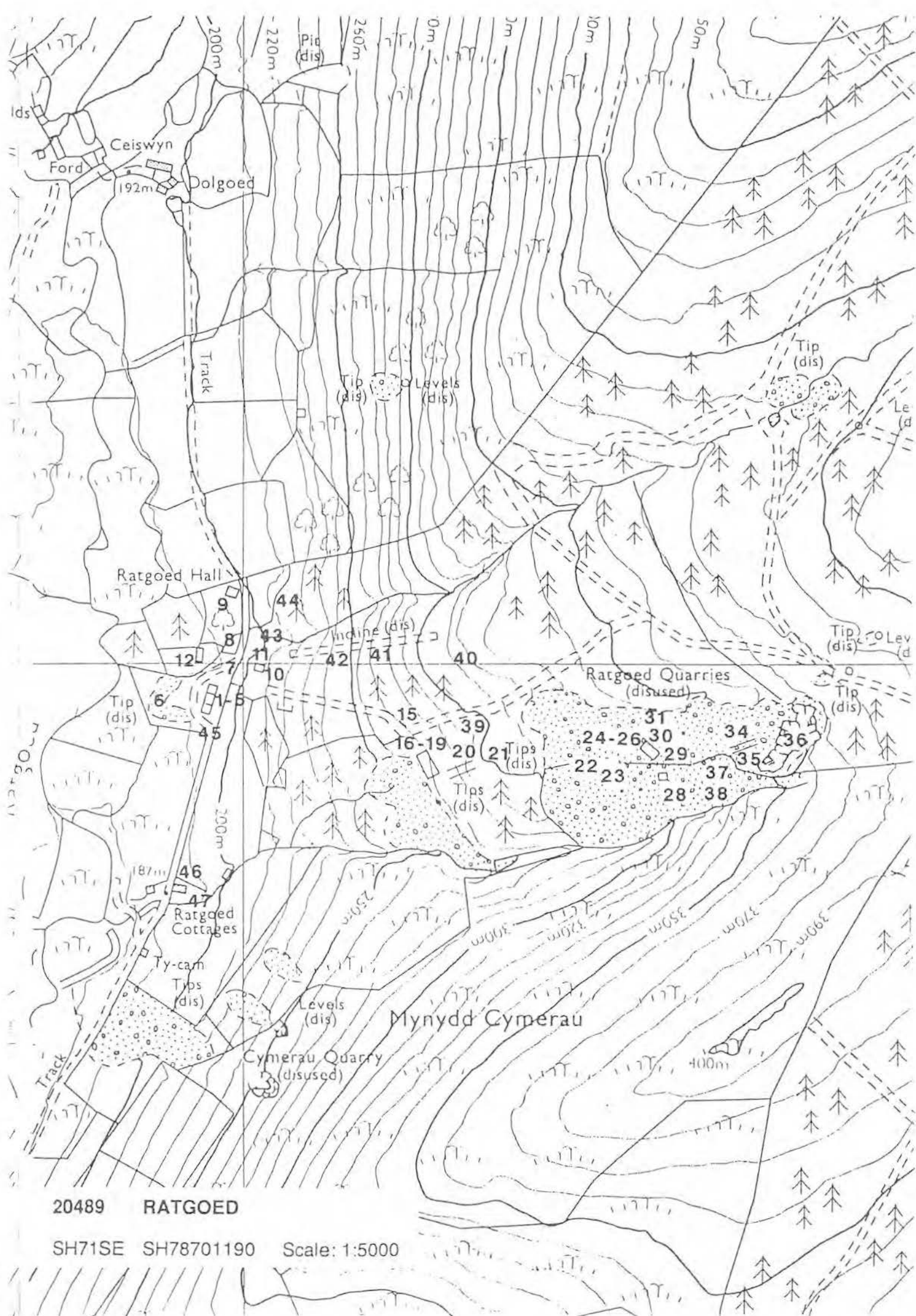
		S	C	F	V	P	R	PO	GV
1	MILL <i>BOTH LONGITUDINAL AND TRANSVERSE RAILWAYS EVIDENT. DEPRESSED ARCH DOORS.</i>	2	2	2	1	-	-	-	-
2	RAILWAY EQUIPMENT <i>TRESTLE SLAB WAGON, PART BURIED, TREE GROWING THROUGH THE TRESTLE.</i>	1	2	3	1	-	-	-	-
3	WALL	1	1	2	1	-	-	-	-
4	STRUCTURE	3	3	2	1	-	-	-	-
5	STRUCTURE	3	3	2	1	-	-	-	-
6	TIPS	1	1	1	1	-	-	-	-
7	WEIGHBRIDGE HOUSE <i>PICTURE WINDOW OVERLOOKING RAILWAY</i>	1	1	2	1	-	-	-	-
8	ROAD <i>GATEWAY TO (9).</i>	1	1	2	1	-	-	-	-
9	DWELLING <i>RATGOED HALL, LARGE 19C GENTRY DWELLING.</i>	1	1	2	1	-	-	-	-
10	BARRACKS <i>LOFTED AT ONE END. FIREPLACE AT OTHER.</i>	1	1	2	1	-	-	-	-
11	PRIVY	1	1	2	1	-	-	-	-
12	STABLES	1	1	2	1	-	-	-	-
13	STABLES <i>HAY-LOFT EVIDENT</i>	1	2	2	1	-	-	-	-
14	INCLINE COUNTERBALANCE <i>THREATENED BY FORESTRY</i>	2	2	1	3	-	-	-	-
15	INCLINE DRUMHOUSE <i>REMOTE, IRONWORK SURVIVES, WOODWORK ROTTED.</i>	1	1	3	1	-	-	-	-
16	MILL <i>DESIGNED AS TRANSVERSE MILL BUT DOORS IN E WALL ARE AGAINST A CLIFF FACE AND ARE UNUSABLE, RAPIDLY DETERJORATING.</i>	3	3	2	3	-	-	-	-
17	STRUCTURE <i>POSSIBLE ENGINE HOUSE.</i>	2	2	3	1	-	-	-	-
18	MACHINE BASE	1	1	3	1	-	-	-	-
19	PELTON WHEEL SITE <i>STEPS LEADING DOWN TO PIT, TRUSS HOLES IN SIDE- WALL OF (16) SUGGEST WOODEN ROOF OVER PIT.</i>	3	3	3	3	-	-	-	-
20	INCLINE COUNTERBALANCE <i>POSSIBLE TRWVC</i>	2	2	1	3	-	-	-	-
21	INCLINE DRUMHOUSE <i>REMOTE, ADAPTED TO TAKE SMALLER DRUM, WHICH REMAINS IN SITU.</i>	1	1	3	2	-	-	-	-
22	INCLINE COUNTERBALANCE	1	2	2	1	-	-	-	-
23	INCLINE SHEAVE <i>SITE ONLY</i>	1	2	2	1	-	-	-	-
24	STEPS	1	1	2	1	-	-	-	-
25	MILL TRANSVERSE <i>CONSIDERABLY ALTERED, DIFFICULT TO INTERPRETE.</i>	2	2	2	1	-	-	-	-
26	WATER CHANNEL <i>PELTON SITE?</i>	2	2	2	1	-	-	-	-
27	MILL DRESSING ALCOVES	2	2	2	1	-	-	-	-
28	STRUCTURE	2	2	2	1	-	-	-	-
29	BARRACKS <i>RUN OF ALCOVE STRUCTURES TO REAR.</i>	1	3	3	1	-	-	-	-
30	RETAINING WALL	1	2	2	1	-	-	-	-
31	RETAINING WALL	1	2	2	1	-	-	-	-
32	STRUCTURE <i>LARGE FIREPLACE AND CHIMNEY - OFFICE?</i>	1	3	3	1	-	-	-	-
33	PILLARS	2	2	2	1	-	-	-	-
34	INCLINE COUNTERBALANCE	1	1	2	1	-	-	-	-

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35	ADIT	-	-	-	-	-	-	-
	<i>COLLASED.</i>							
36	QUARRY PIT	1	1	2	1	-	-	-
37	STRONGPOINT?	3	3	2	1	-	-	-
	<i>RELATED TO (33)?</i>							
38	RETAINING WALL	1	1	2	1	-	-	-
39	STRUCTURE	2	1	3	3	-	-	-
	<i>MAGAZINE?</i>							
40	OBLITERATED	3	3	3	3	-	-	-
	<i>ROAD BUILT ON SITE OF RAILWAY.</i>							
41	INCLINE COUNTERBALANCE	1	1	2	1	-	-	-
	<i>POSSIBLE TRWNC.</i>							
42	MAGAZINE	1	1	1	1	-	-	-
43	ADIT	2	2	2	1	-	-	-
44	QUARRY PIT	1	1	2	1	-	-	-
45	SMITHY	1	1	2	1	-	-	-
46	CHAPEL	2	2	2	1	-	-	-
47	DWELLING	2	1	2	1	-	-	-

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LIST OF QUARRY FEATURES

	S	C	F	V	P	R	PO	GV
1 STRUCTURE	3	2	1	1	-	-	-	-
2 ROAD	1	1	1	1	-	-	-	-
3 QUARRY PIT <i>SOME ROCKFALLS, GALLERY SYSTEM STILL EVIDENT</i>	1	2	1	1	-	-	-	-
4 ADIT <i>LARGELY BLOCKED.</i>	3	3	1	1	-	-	-	-
5 INCLINE DRUMHOUSE <i>THROUGH DRUMHOUSE. HOLDING-DOWN BOLTS SURVIVE. SUGGESTING A POWERED INCLINE. ALSO BAULK OF TIMBER IN ONE REMAINING WALL.</i>	3	3	1	1	-	-	-	-
6 GWALIAU	3	2	1	1	-	-	-	-
7 GWALIAU	2	2	1	1	-	-	-	-
8 STACKYARD	2	2	1	1	-	-	-	-
9 SMITHY <i>A SMITHY, WITH POSSIBLY STORES AND A CABAN</i>	1	1	1	1	-	-	-	-
10 ADIT <i>COLLAPSED.</i>	3	3	2	2	-	-	-	-
11 WEIGHBRIDGE HOUSE <i>POSSIBLY STORES OR CABAN.</i>	1	2	1	1	-	-	-	-
12 STRUCTURE	1	2	1	1	-	-	-	-
13 GWALIAU	3	3	1	1	-	-	-	-
14 GWALIAU	3	3	1	1	-	-	-	-
15 RAILWAY <i>TO (3)</i>	1	1	1	1	-	-	-	-
16 BRIDGE <i>OVER (15). BLOCKED CORBELLED</i>	1	1	1	1	-	-	-	-
17 TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-	-
18 INCLINE <i>COUNTERBALANCE? POSSIBLY WORKED IN TWO SEPARATE SECTIONS</i>	1	2	1	1	-	-	-	-
19 BRIDGE <i>SITE ONLY</i>	3	3	1	1	-	-	-	-
20 OBLITERATED	3	3	3	3	-	-	-	-
21 GWAL	1	1	1	1	-	-	-	-
22 STACKYARD <i>LARGELY OBLITERATED.</i>	3	3	1	1	-	-	-	-
23 TIP CONTRACTORS' WORKINGS	2	2	1	1	-	-	-	-
24 ADIT <i>BLOCKED WITHIN A FEW YARDS OF THE ENTRANCE.</i>	3	3	1	1	-	-	-	-
25 MILL LONGITUDINAL <i>EXTENSIVE STRUCTURE, NOW HEAVILY DILAPIDATED. BUILT OUT OF COUNTRY ROCK AND SOME SLAB BRICKS AND CAST-IRON FIREBARS FOUND AT NORTHERN END, SUGGESTING STEAM POWER.</i>	3	3	1	1	-	-	-	-
26 TIP CONTRACTORS' WORKINGS	1	1	1	1	-	-	-	-
27 GWAL <i>LENGTH OF "THOMAS HUGHES" RAIL FOUND HERE.</i>	1	1	1	1	-	-	-	-
28 STACKYARD <i>DISTURBED BY TIP CONTRACTORS.</i>	3	3	1	1	-	-	-	-
29 RAILWAY	1	1	1	1	-	-	-	-
30 ROAD	1	1	1	1	-	-	-	-
31 GWALIAU	3	3	1	1	-	-	-	-
32 TIP CONTRACTORS' WORKINGS	3	2	1	1	-	-	-	-
33 STRUCTURE <i>POSSIBLY A MACHINE BASE, SLAB AND TIMBER BAULK.</i>	2	2	1	1	-	-	-	-

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