

CONGLOG SLATE QUARRY

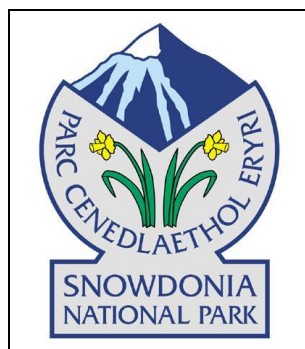
(SH 699 466)

SURVEY OF AUGUST 1982

REPORTS AND DIAGRAMMS



Photo: probably MJT Lewis, 1982



Introduction

The following diagrams and reports form part of an Industrial Archaeology archive that was originally held at Plas Tan y Bwlch now digitised for inclusion in the Historic Environment Record.

They are some of the results of a practical surveying course carried out by volunteers, based at the Snowdonia National Park Study Centre, Plas Tan y Bwlch, Maentwrog, for a week in August over many years, primarily studying the slate industry. Some work was also carried out on metal mine sites.

Conglog Slate Quarry was surveyed during the same week as Wrysgan Slate Quarry, led by Dr MJT Lewis of Hull University and Merfyn Williams from the Plas.

The course members involved with Conglog were:

Dafydd Walter Davis
Ian Devine
Iris Glen
Wyn Glen
Ross Harrison

Stuart Holm
Graham Isherwood
John Poulter
Robert Pratt
Ian Walters

The records in the HER are individual and in number order. Each record starts with the numbered datasheet giving details of the record. There can be gaps in the numbering, left to allow for additional material should it transpire, and sometimes for expected material that never arrived...

The pages following this in the introduction are of the indices, both Alphabetic by Subject and by Document type. Also, there is the full database. Original document; this category has become less relevant with time with CAD drawings and computer-generated reports etc.

Scales are as drawn but it is very unlikely that they will print out accurately

Individuals are only identified by initials in the database but usually they are identified on the record itself. All, surviving, group members are happy for their material to be available but please refer to Heneb, Gwynedd, HER for conditions/restrictions to their onward use.

Some reports may have notes for jobs to be done if a further visit was possible – but given the limitations of having one week per year for the surveys this was frequently not possible. If any users of these records can fill in any of the gaps, please contact Heneb:Gwynedd HER

Celia Hancock, July 2025

Conglog Slate Quarry

Alphabetic by subject

<i>Subject</i>	<i>Doc No</i>	<i>Doc Type</i>	<i>Drawing Type</i>
Chronology	CG020	report	
Companies	CG018-1	report	
Company, New Conglog S & S Co Ltd	CG018-2	report	
Drumhouse, Floor C	CG010	drawing	plan
Employment	CG019-1	report	
Employment	CG019-2	graph	
Hut, near mill	CG008	drawing	plan/elev/sect
Incline, from workings to mill	CG011-3	report	
Incline, lower, included in Cwmorthin sale, 1900	CG026	report	
Land ownership, Moelwyn - Rhiwbryddir	CG001-9A	map	map
Land ownership, property boundaries	CG001-9B	map	plan
Launder pillars	CG005	drawing	plan
Map, agreement Gore-Rhosydd-Roberts	CG001-8	map	annotation
Map, early OS	CG001-1	map	
Map, early OS	CG001-3	map	map
Map, early OS	CG001-3B	map	map
Map, early OS	CG001-4	map	
Map, early OS	CG001-5	map	
Map, early OS, boundary alteration?	CG001-3A	map	map
Map, for takenote	CG001-6	map	map
Map, lease Gore-Roberts, alteration	CG001-7	map	annotation
Map, OS, tramway route	CG002-3	map	annotation
Map, tramway lease	CG002-2	map	annotation
Mill	CG003-2	drawing	plan
Mill	CG003-3	drawing	plan
Mill, area plan	CG003-1	drawing	plan
Mine Inspectors reports	CG023	report	
Output	CG019-1	report	
Output	CG019-2	graph	
Overall Site Plan	CG001-2	map	annotation
Owners and agents	CG017	report	
People	CG025	report	
Pillar C, near open chambers	CG012	drawing	plan/elevations
Plant, list and valuation	CG016-3	report	
Plant, list, in sale advertisement	CG016-2	report	
Price list for slates	CG015	reference	
Report from unknown book	CG024-1	report	
Report, as in 024-1	CG024-2	report	

<i>Subject</i>	<i>Doc No</i>	<i>Doc Type</i>	<i>Drawing Type</i>
Rhosydd railway plan (down Cwmorthin)	CG002-1	map	plan
Sale advertisement, in newspaper	CG016-1	report	
Smithy	CG007	drawing	plan
Stackyard area	CG004	drawing	plan
Surface Features	CG014-2	map	annotation
Tramway, Croesor, traffic figures	CG021	report	
Underground workings	CG013-1	drawing	plan
Underground workings	CG013-2	drawing	plan
Underground workings	CG013-4	report	
Underground workings, Glyn Festiniog	CG013-3	drawing	plan
Underground, lower trial adit	CG014-1	drawing	plan
Water Supplies, agreements with Rhosydd	CG022	report	
Water supply system	CG011	transcribed	
Water Supply system	CG011-1	report	
Water Supply system	CG011-2	map	annotation
Water Supply system	CG011-3	report	
Water Supply system	CG011-4	map	annotation
Weighhouse, Floor C	CG009	drawing	plan/elevations
Wheelpit	CG006	drawing	plan

Conglog Slate Quarry

Index by Document Type

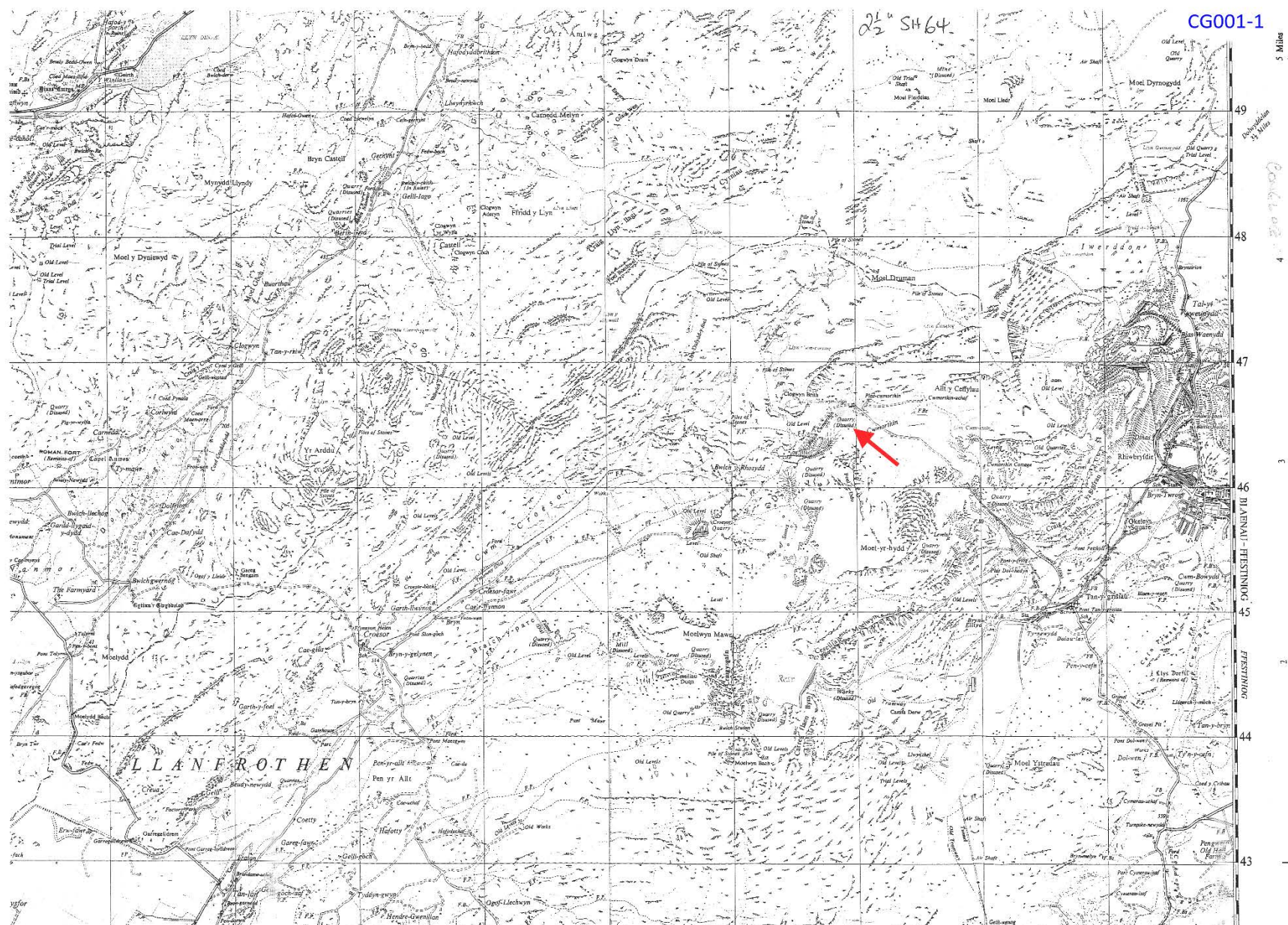
<i>Doc Type</i>	<i>Subject</i>	<i>Drawing Type</i>	<i>Doc No</i>
drawing	Drumhouse, Floor C	plan	CG010
drawing	Hut, near mill	plan/elev/sect	CG008
drawing	Launder pillars	plan	CG005
drawing	Mill	plan	CG003-2
drawing	Mill	plan	CG003-3
drawing	Mill, area plan	plan	CG003-1
drawing	Pillar C, near open chambers	plan/elevations	CG012
drawing	Smithy	plan	CG007
drawing	Stackyard area	plan	CG004
drawing	Underground workings	plan	CG013-1
drawing	Underground workings	plan	CG013-2
drawing	Underground workings, Glyn Festiniog	plan	CG013-3
drawing	Underground, lower trial adit	plan	CG014-1
drawing	Weighhouse, Floor C	plan/elevations	CG009
drawing	Wheelpit	plan	CG006
graph	Employment		CG019-2
graph	Output		CG019-2
map	Land ownership, Moelwyn - Rhiwbrydir	map	CG001-9A
map	Land ownership, property boundaries	plan	CG001-9B
map	Map, agreement Gore-Rhosydd-Roberts	annotation	CG001-8
map	Map, early OS		CG001-1
map	Map, early OS		CG001-4
map	Map, early OS		CG001-5
map	Map, early OS	map	CG001-3
map	Map, early OS	map	CG001-3B
map	Map, early OS, boundary alteration?	map	CG001-3A
map	Map, for takenote	map	CG001-6
map	Map, lease Gore-Roberts, alteration	annotation	CG001-7
map	Map, OS, tramway route	annotation	CG002-3
map	Map, tramway lease	annotation	CG002-2
map	Overall Site Plan	annotation	CG001-2
map	Rhosydd railway plan (down Cwmorthin)	plan	CG002-1
map	Surface Features	annotation	CG014-2
map	Water Supply system	annotation	CG011-2
map	Water Supply system	annotation	CG011-4
reference	Price list for slates		CG015
report	Chronology		CG020
report	Companies		CG018-1
report	Company, New Conglog S & S Co Ltd		CG018-2

<i>Doc Type</i>	<i>Subject</i>	<i>Drawing Type</i>	<i>Doc No</i>
report	Employment		CG019-1
report	Incline, from workings to mill		CG011-3
report	Incline, lower, included in Cwmorthin sale, 1900		CG026
report	Mine Inspectors reports		CG023
report	Output		CG019-1
report	Owners and agents		CG017
report	People		CG025
report	Plant, list and valuation		CG016-3
report	Plant, list, in sale advertisement		CG016-2
report	Report from unknown book		CG024-1
report	Report, as in 024-1		CG024-2
report	Sale advertisement, in newspaper		CG016-1
report	Tramway, Croesor, traffic figures		CG021
report	Underground workings		CG013-4
report	Water Supplies, agreements with Rhosydd		CG022
report	Water Supply system		CG011-1
report	Water Supply system		CG011-3
transcribed	Water supply system		CG011

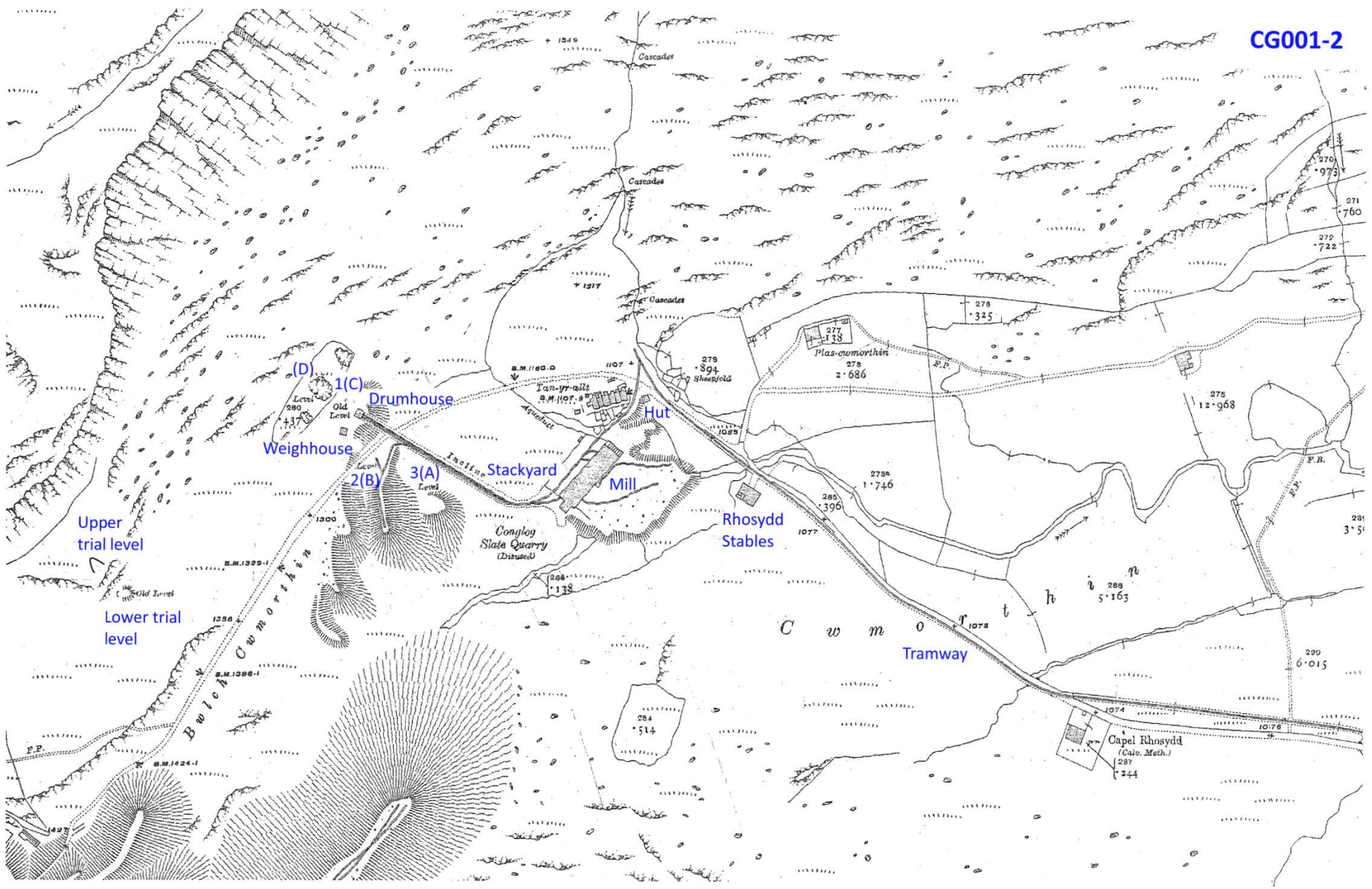
Doc No	Subject	Grid Ref	Doc Date	Doc Type	Scale	Drawing Type	Drawing Medium
CG001-1	Map, early OS	SH 668 466	1964	map	2.5" to 1 mile		photocopy
CG001-2	Overall Site Plan	SH 668 466	2005	map	25" to 1 mile	annotation	photocopy
CG001-3	Map, early OS	SH 668 466	1888	map	25" to 1 mile	map	photocopy
CG001-3A	Map, early OS, boundary alteration?	SH 668 466	1888	map	25" to 1 mile	map	photocopy
CG001-3B	Map, early OS	SH 668 466	1888	map	6" to 1 mile	map	photocopy
CG001-4	Map, early OS	SH 668 466	1919	map	25" to 1 mile		photocopy
CG001-5	Map, early OS	SH 668 466	1920	map	6" to 1 mile		photocopy
CG001-6	Map, for takenote	SH 668 466	1866	map	?	map	photocopy
CG001-7	Map, lease Gore-Roberts, alteration	SH 668 466	1868	map	1" to 12ch	annotation	photocopy, colour
CG001-8	Map, agreement Gore-Rhosydd-Roberts	SH 668 466	1871	map	1" to 8 chs	annotation	photocopy, colour
CG001-9A	Land ownership, Moelwyn - Rhiwbrydir		1836	map	?	map	photocopy
CG001-9B	Land ownership, property boundaries		1980?	map	?	plan	tracing
CG002-1	Rhosydd railway plan (down Cwmorthin)	SH 67 46	1855	map	red	plan	photocopy
CG002-2	Map, tramway lease	SH 67 46	1874	map	1" to 2 chs	annotation	photocopy
CG002-3	Map, OS, tramway route	SH 67 46	1919	map	red	annotation	photocopy
CG003-1	Mill, area plan	SH 669 466	2005	drawing	1/32" to 1ft	plan	CAD
CG003-2	Mill	SH 6695 4660	2005	drawing	1/32" to 1ft	plan	CAD
CG003-3	Mill	SH 6695 4660	1981	drawing	1:200	plan	photocopy
CG004	Stackyard area	SH 6693 4657	2005	drawing	1/20" to 1ft	plan	CAD
CG005	Launder pillars	SH 6690 4665	2005	drawing	1:300	plan	CAD
CG006	Wheelpit	SH 6697 4657	2005	drawing	1/8" to 1ft	plan	CAD
CG007	Smithy	SH 6692 4670	2005	drawing	1/8" to 1ft	plan	CAD
CG008	Hut, near mill	SH 6700 4661	2005	drawing	1/8" to 1ft	plan/elev/sect	CAD
CG009	Weighhouse, Floor C	SH 668 467	2005	drawing	1:100	plan/elevations	CAD
CG010	Drumhouse, Floor C	SH 668 467	2005	drawing	1:100	plan	CAD
CG011	Water supply system	SH 668 466	2025	transcribed			comp gen
CG011-1	Water Supply system	SH 668 466	1982	report			ink
CG011-2	Water Supply system	SH 668 466	1982	map		annotation	photocopy
CG011-3	Water Supply system	SH 668 466	1982	report			photocopy
CG011-3	Incline, from workings to mill	SH 668 466	1982	report			photocopy
CG011-4	Water Supply system	SH 668 466	1982	map		annotation	photocopy
CG012	Pillar C, near open chambers	SH 668 466	1982	drawing	1" to 2ft	plan/elevations	photocopy
CG013-1	Underground workings	SH 668 466	1982	drawing	66' to 1 mile	plan	pencil
CG013-2	Underground workings	SH 668 466	1903?	drawing	66' to 1 mile	plan	photocopy
CG013-3	Underground workings, Glyn Festiniog	SH 668 466	1903	drawing		plan	photocopy
CG013-4	Underground workings	SH 668 466	2005	report			comp prints
CG014-1	Underground, lower trial adit	SH 667 465	1982	drawing	1" to 10'	plan	pencil
CG014-2	Surface Features	SH 668 466	1982	map	25" to 1 mile	annotation	photocopy
CG015	Price list for slates		1906	reference			photocopy
CG016-1	Sale advertisement, in newspaper		1891	report			photocopy
CG016-2	Plant, list, in sale advertisement		1891	report			photocopy
CG016-3	Plant, list and valuation		1892	report			photocopy
CG017	Owners and agents		1982	report			photocopy
CG018-1	Companies		1982	report			photocopy
CG018-2	Company, New Conglog S & S Co Ltd		2002	report			photocopy
CG019-1	Employment		1982	report			photocopy
CG019-1	Output		1982	report			photocopy
CG019-2	Employment		1982	graph			photocopy
CG019-2	Output		1982	graph			photocopy
CG020	Chronology		1982	report			photocopy
CG021	Tramway, Croesor, traffic figures		1982	report			photocopy
CG022	Water Supplies, agreements with Rhosydd		1982	report			photocopy
CG023	Mine Inspectors reports		1982	report			photocopy
CG024-1	Report from unknown book		1982	report			photocopy
CG024-2	Report, as in 024-1		1921	report			photocopy
CG025	People		1982	report			photocopy
CG026	Incline, lower, included in Cwmorthin sale, 190		1982	report			photocopy

Doc No	Drawing Medium	Doc Material	Doc Status	Origii	Doc Size	Author(s)	Source	See Also	Notes
CG001-1	photocopy	paper			A3	OS			
CG001-2	photocopy	paper	complete		A3	CH			
CG001-3	photocopy	paper			A3	OS			
CG001-3A	photocopy	paper			A3	OS			
CG001-3B	photocopy	paper			A3	OS			
CG001-4	photocopy	paper			A3	OS			
CG001-5	photocopy	paper			A4	OS			also scale x 1.5, A3
CG001-6	photocopy	paper			A4		CRO		XD8/4/1007
CG001-7	photocopy, colour	paper			A3		CRO		XD8/4/1006
CG001-8	photocopy, colour	paper			A3		CRO		XD8/4/1013
CG001-9A	photocopy	paper	complete		A0		PRO		full size copy in Moelwyn
CG001-9B	tracing	paper	complete		A1	MJTL			tracing in Moelwyn
CG002-1	photocopy	paper			A4				research from ROs etc
CG002-2	photocopy	paper			A3		CRO		XD8/4/1232
CG002-3	photocopy	paper			A3				
CG003-1	CAD	paper	complete		A4	CH, JGI	Plas Course		measurements taken 1982
CG003-2	CAD	paper	complete		A4	CH, JGI	Plas Course		measurements taken 1982
CG003-3	photocopy	paper	complete		A3	KT ETC	Plas Course		measurements taken 1982
CG004	CAD	paper	complete		A4	CH, JGI	Plas Course		measurements taken 1982
CG005	CAD	paper	complete		A4	CH, JGI	Plas Course		measurements taken 1982
CG006	CAD	paper	complete		A4	CH, JGI	Plas Course		measurements taken 1982
CG007	CAD	paper	complete		A4	CH, JGI	Plas Course		measurements taken 1982
CG008	CAD	paper	complete		A4	CH	private survey		
CG009	CAD	paper	complete		A4	CH	private survey		
CG010	CAD	paper	complete		A4	CH	private survey		
CG011	comp gen	paper	complete		A4	ID CH	Plas Course		
CG011-1	ink	paper	complete	Y	A4, 4 pg	ID	Plas Course	022	
CG011-2	photocopy	paper	complete	Y	A4	ID	Plas Course	022	
CG011-3	photocopy	paper	complete		A4	IW	Plas Course	022	contains note on main incline
CG011-3	photocopy	paper	note		A4	IW	Plas Course	022	in report on Water Supply system
CG011-4	photocopy	paper	complete	Y	A4	IW	Plas Course		
CG012	photocopy	paper	complete		A4	IW	Plas Course		notes by MJTL
CG013-1	pencil	tracing paper	incomplete	Y	A2	SH?	Plas Course	024	
CG013-2	photocopy	paper			A2			024	also reduced onto 1 sheet A3
CG013-3	photocopy	paper			A3			024	
CG013-4	comp prints	paper	complete		A4, 10pg	JDK	private survey	024	includes coloured plans
CG014-1	pencil	paper	complete	Y	A4	JSP	Plas Course		
CG014-2	photocopy	paper	complete	Y	A4	JSP	Plas Course		
CG015	photocopy	paper			A4, 2pg				
CG016-1	photocopy	paper			A4	MJTL			CRO XD8/4/1236
CG016-2	photocopy	paper			A4	MJTL			CRO XD8/4/1236
CG016-3	photocopy	paper			A4				CRO XD8/4/1237
CG017	photocopy	paper			A4	MJTL			research from ROs etc
CG018-1	photocopy	paper			A4, 2 pg	MJTL			research from ROs etc
CG018-2	photocopy	paper			A4, 2pg	J KNIGH			private research
CG019-1	photocopy	paper			A4	MJTL			research from ROs etc
CG019-1	photocopy	paper			A4	MJTL			research from ROs etc
CG019-2	photocopy	paper			A4				research from ROs etc
CG019-2	photocopy	paper			A4				research from ROs etc
CG020	photocopy	paper			A4, 5 pg	MJTL			research from ROs etc
CG021	photocopy	paper			A4	MJTL			research from ROs etc
CG022	photocopy	paper			A4	MJTL		011	research from ROs etc
CG023	photocopy	paper			A4	MJTL			research from ROs etc
CG024-1	photocopy	paper			A4, 4 pg			013	research from ROs etc
CG024-2	photocopy	paper			A4, 6 pg			013	research from ROs etc
CG025	photocopy	paper			A4	MJTL			research from ROs etc
CG026	photocopy	paper			A4	MJTL			plus inventories of Cwmorthin mill

Site	Conglog Slate Quarry		Doc No	CG001-1
Subject	Map, early OS			
Doc Date	1964	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type		Scale	2.5" to 1 mile	
Drawing Medium	photocopy	Author(s)	OS	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				



Site	Conglog Slate Quarry		Doc No	CG001-2
Subject	Overall Site Plan			
Doc Date	2005	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	annotation	Scale	25" to 1 mile	
Drawing Medium	photocopy	Author(s)	CH	
Doc Material	paper	Source		
Doc Status	complete	Original	Doc Size	A3
Notes				



Site	Conglog Slate Quarry		Doc No	CG001-3
Subject	Map, early OS			
Doc Date	1888	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	map	Scale	25" to 1 mile	
Drawing Medium	photocopy	Author(s)	OS	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				

Site	Conglog Slate Quarry		Doc No	CG001-3B
Subject	Map, early OS			
Doc Date	1888	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	map	Scale	6" to 1 mile	
Drawing Medium	photocopy	Author(s)	OS	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				



XI. N.E. *LLANFROTEEN* *FFESTINIOG*

Price 1s.

Scale — Six Inches to One Statute Mile or 880 Feet to One Inch — $\frac{1}{10560}$

and Published at the Ordnance Survey Office, Southampton.

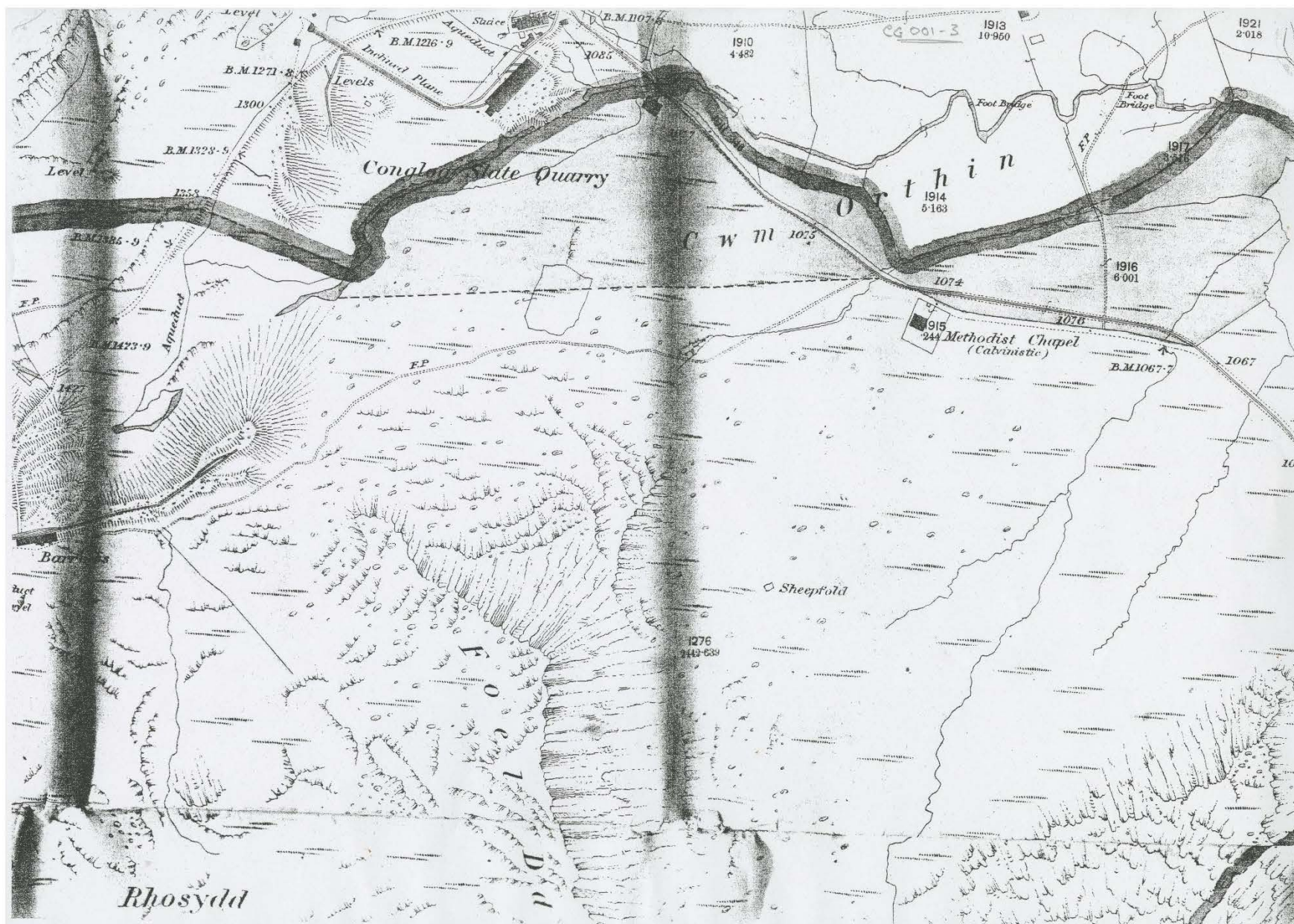
1688

iter at Liverpool, those indicated thus (A.B.M. 347) refer to Marks made on Buildings, Walls, &c.

Sheet III.

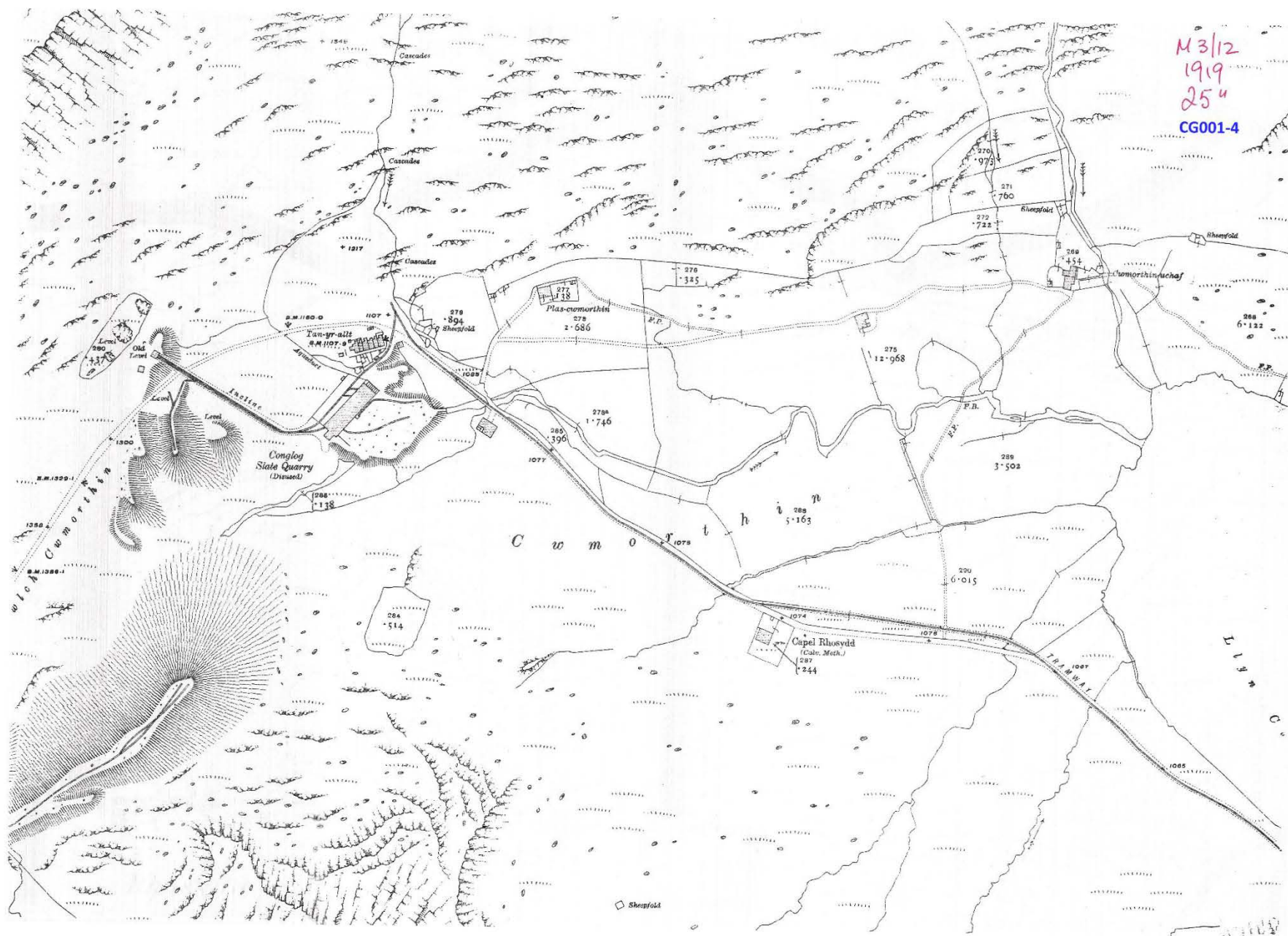
W.	N.E.
E.W.	S.E.

Site	Conglog Slate Quarry		Doc No	CG001-3A
Subject	Map, early OS, boundary alteration?			
Doc Date	1888	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	map	Scale	25" to 1 mile	
Drawing Medium	photocopy	Author(s)	OS	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				

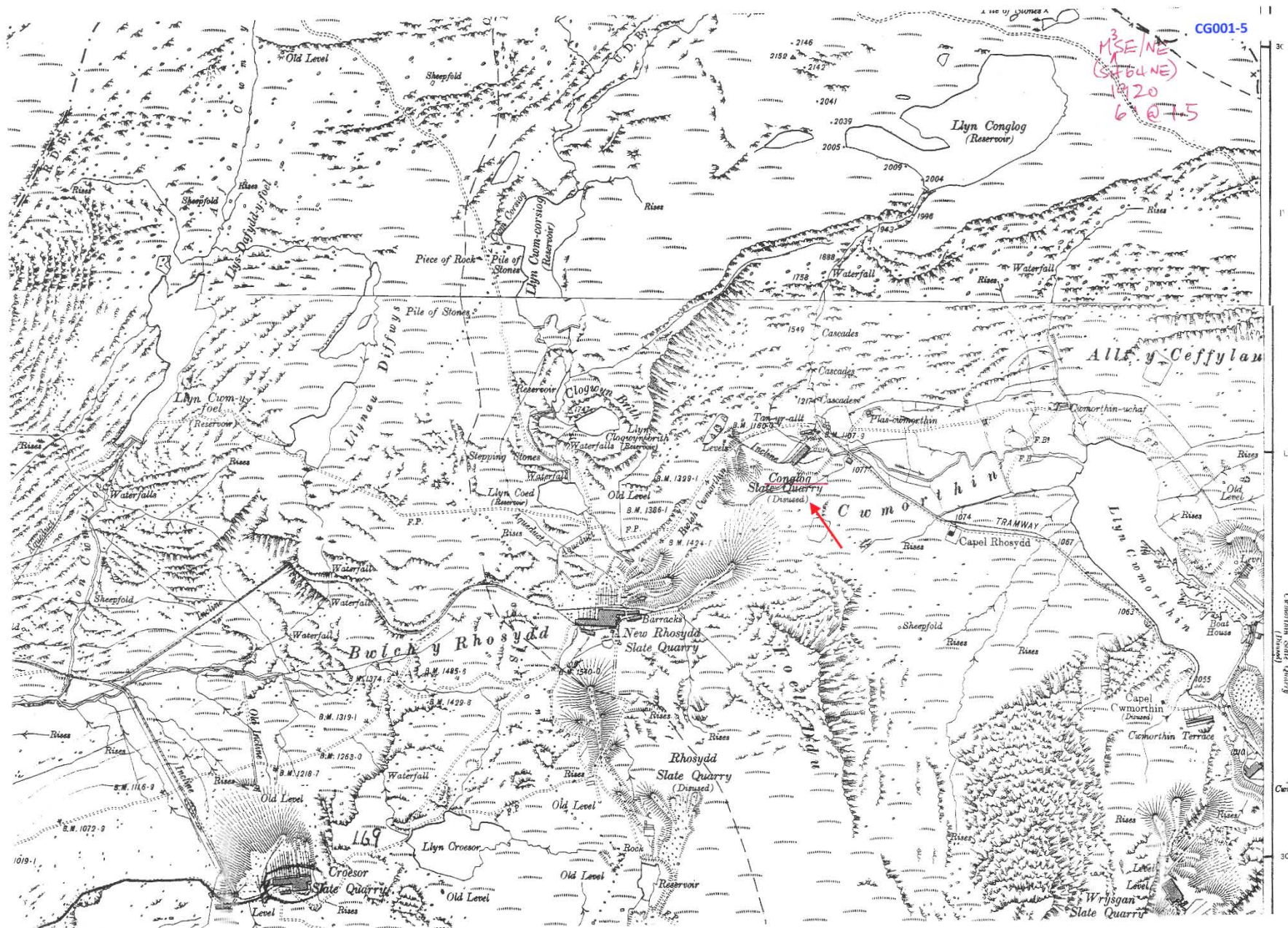


Site	Conglog Slate Quarry		Doc No	CG001-4
Subject	Map, early OS			
Doc Date	1919	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type		Scale	25" to 1 mile	
Drawing Medium	photocopy	Author(s)	OS	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				

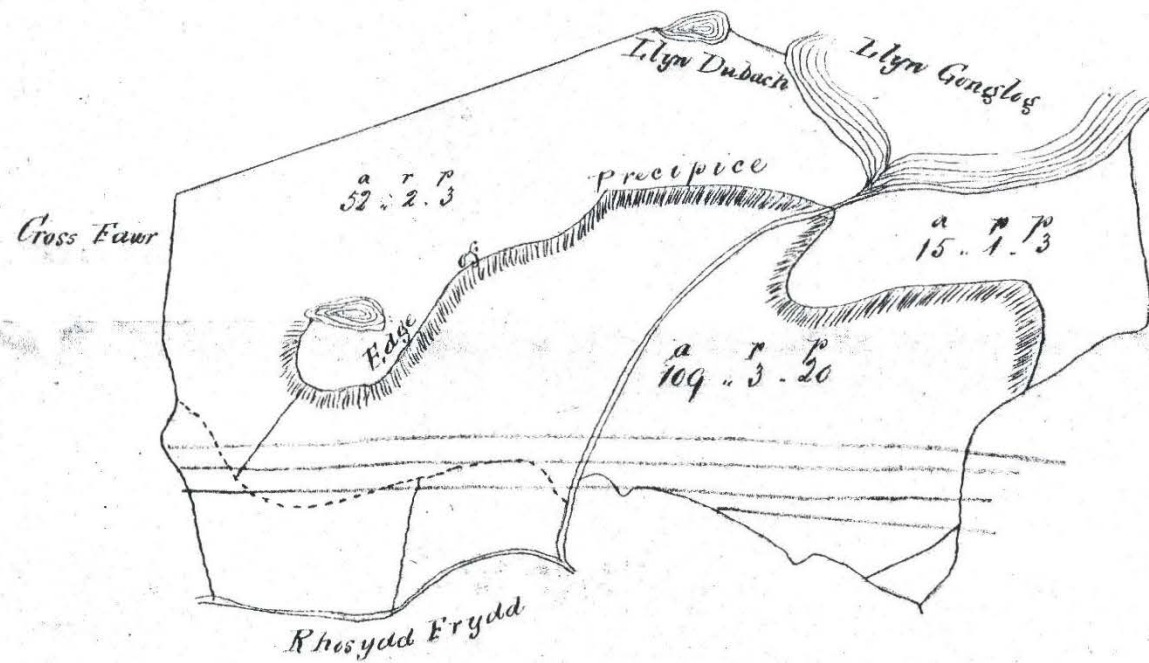
M3/12
1919
25th
CG001-4



Site	Conglog Slate Quarry		Doc No	CG001-5
Subject	Map, early OS			
Doc Date	1920	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type		Scale	6" to 1 mile	
Drawing Medium	photocopy	Author(s)	OS	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	also scale x 1.5, A3			

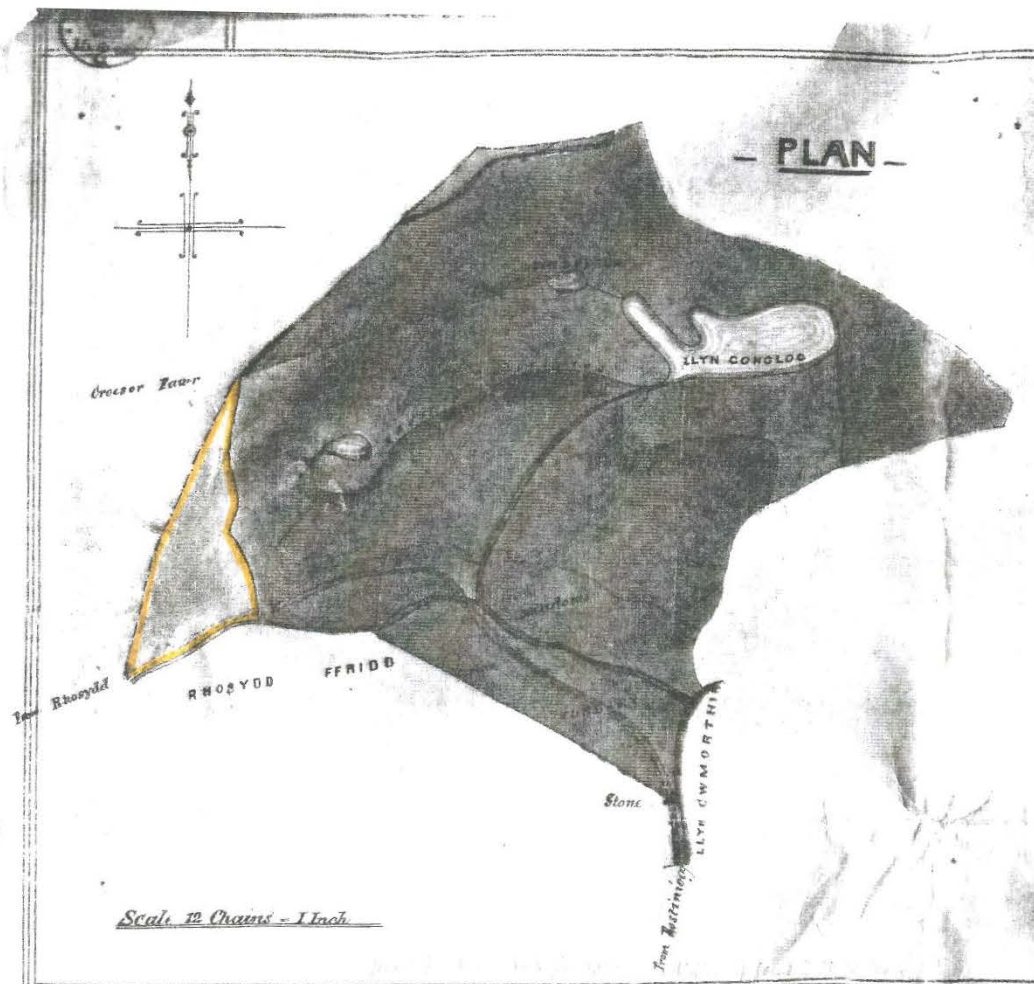


Site	Conglog Slate Quarry		Doc No	CG001-6
Subject	Map, for takenote			
Doc Date	1866	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	map	Scale	?	
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source	CRO	
Doc Status	Original	Doc Size	A4	
Notes	XD8/4/1007			



XDB/4/1007 Takenote Gore-Roberts 26 Mar 1866

Site	Conglog Slate Quarry		Doc No	CG001-7
Subject	Map, lease Gore-Roberts, alteration			
Doc Date	1868	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	annotation	Scale	1" to 12ch	
Drawing Medium	photocopy, colour	Author(s)		
Doc Material	paper	Source	CRO	
Doc Status	Original	Doc Size	A3	
Notes	XD8/4/1006			



X.D. 8/4/1006
 Leam. Govr -
 Roberts
 14 Apr 1868
 Main part same

working and carrying away the said Slates Lags and other stones mines and minerals
 indifferent persons one to be appointed by the said Mary Jane Cransty for her heirs or
 Roberts his executors administrators or assigns or an Umpire to be nominated and by
 to have hold use occupy and enjoy the said mines seams new veins be

Robert Roberts his executors
 and at all times during the
 farm lands hereditaments or
 parts thereof as may be necessary
 also the like full and partial
 and their agents miners ^{bernhard} and
 for his and their own abouls
 of all descriptions and other
 and to sink open make and
 of the same hereditaments
 working of the said mines
 such works within any part
 dig build erect and make or
 spinhouses and other erect
 thought necessary or conven
 said Robert Roberts their ex
 and other necessary carriage
 and every part thereof and
 stones mines and minerals in
 such purposes to have use
 hereditaments and premises
 passages in upon or throu
 the highways tramways or
 away from thence and dis
 his executors administrators
 her heirs and assigns or
 hereditaments and to all a
 done to the surface thereof

Site	Conglog Slate Quarry		Doc No	CG001-8
Subject	Map, agreement Gore-Rhosydd-Roberts			
Doc Date	1871	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	annotation	Scale	1" to 8 chs	
Drawing Medium	photocopy, colour	Author(s)		
Doc Material	paper	Source	CRO	
Doc Status		Original	Doc Size	A3
Notes	XD8/4/1013			

XD 8/4/1013 Agreement Gore-Rhosydd-Roberts 6 Nov 1871

CG001-8

Reference -

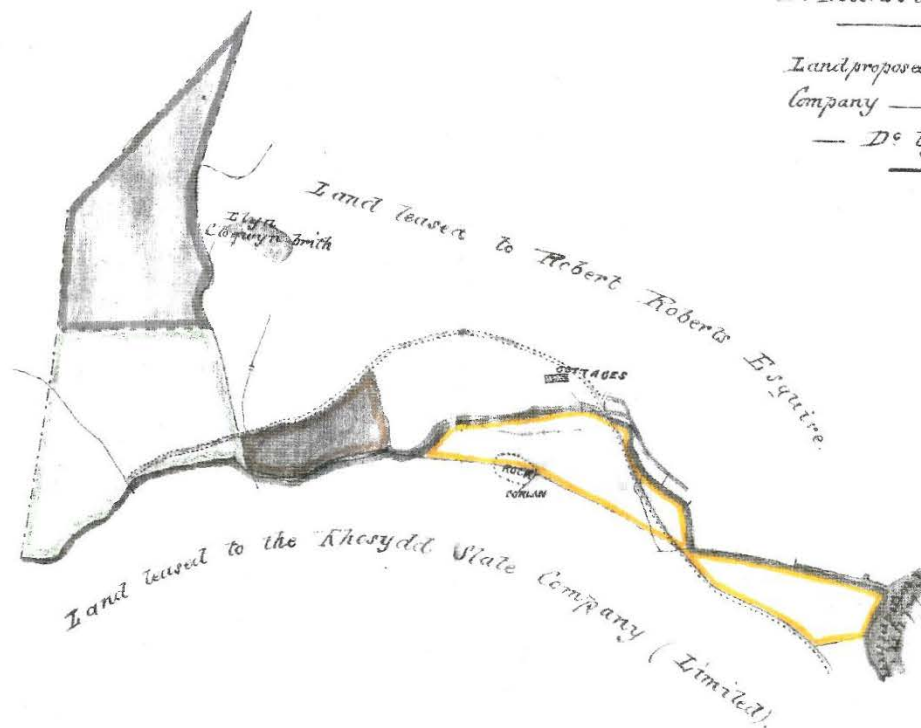
Tip ground included in Rhosydd lease
and in D^r Roberts's — colored Yellow —

Tip ground part of land included in
D^r Roberts's lease only — colored Brown —

Land proposed to be acquired by the Rhosydd
Company — colored Green —

— D^o by D^r Roberts - do Sepia —

PLAN REFERRED TO -

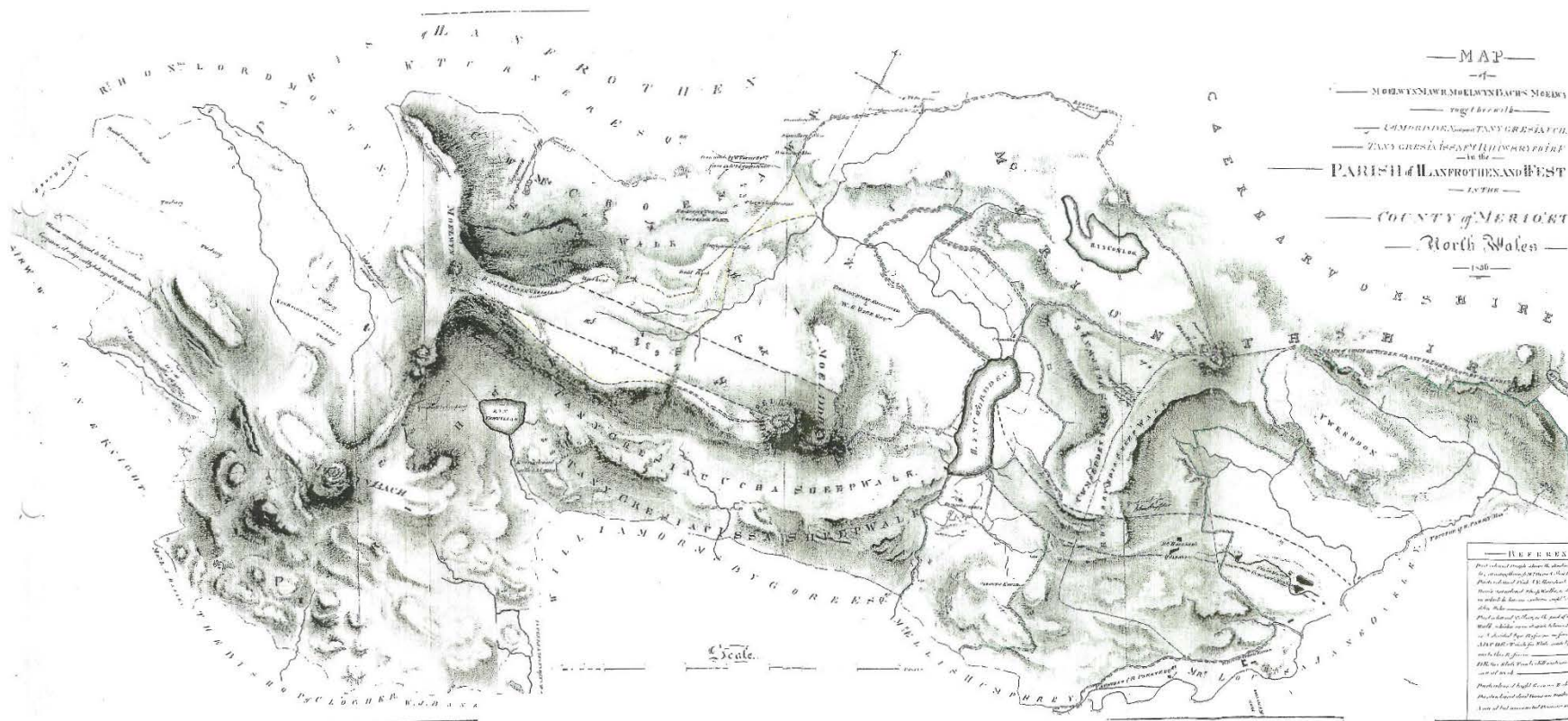


Scale 8 Chains = 1 Inch -

W. H. H. H.

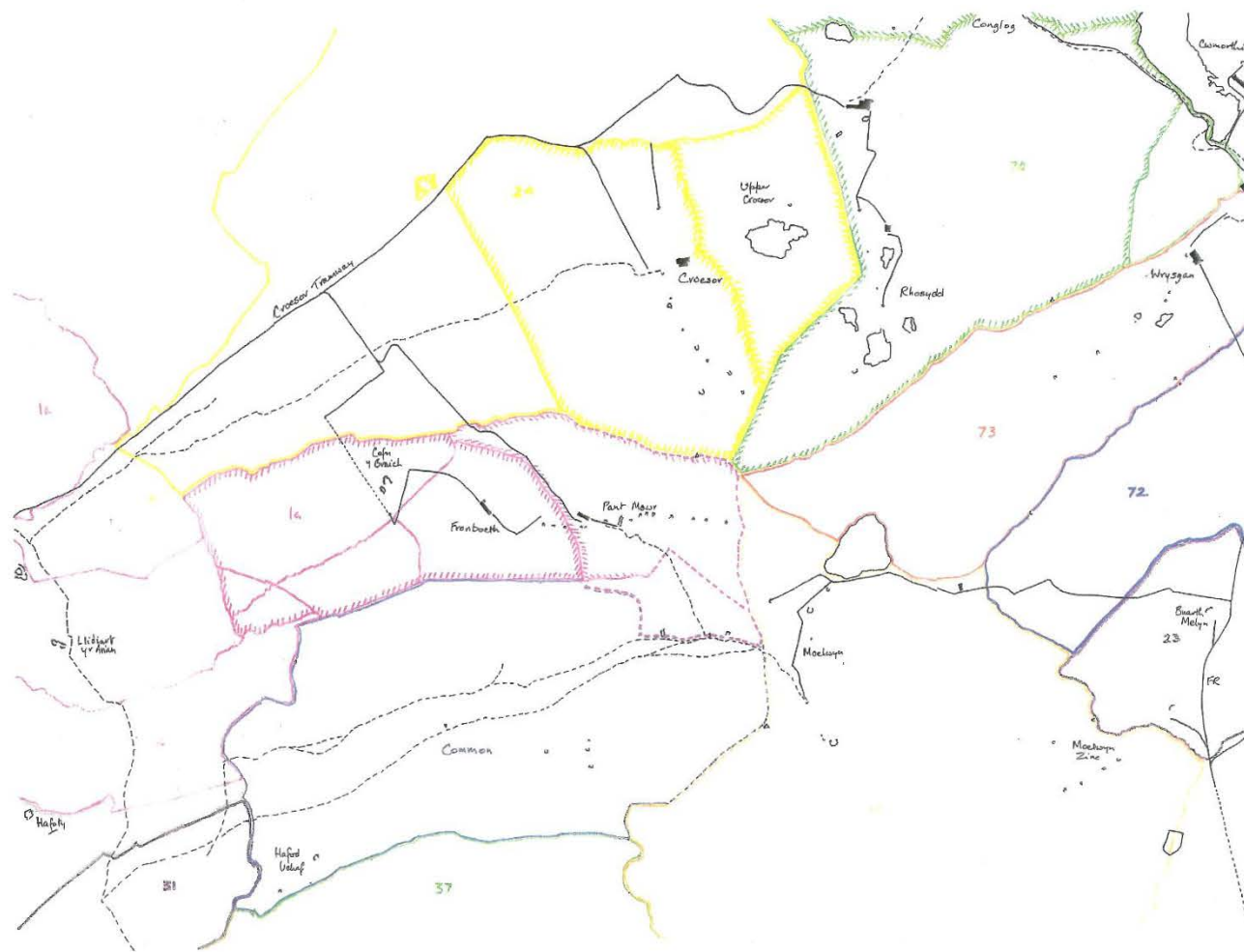
Robert

Site	Conglog Slate Quarry		Doc No	CG001-9A
Subject	Land ownership, Moelwyn - Rhiwbryfdir			
Doc Date	1836	See also		
Doc Type	map	Grid ref		
Drawing Type	map	Scale	?	
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source	PRO	
Doc Status	complete	Original	Doc Size	A0
Notes	full size copy in Moelwyn			



Site	Conglog Slate Quarry		Doc No	CG001-9B
Subject	Land ownership, property boundaries			
Doc Date	1980?	See also		
Doc Type	map	Grid ref		
Drawing Type	plan	Scale	?	
Drawing Medium	tracing	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	complete	Original	Doc Size	A1
Notes	tracing in Moelwyn			

CG001-9B



16. Park - Boundary (1880)
2. Boundary - Boundary (1880)

24. Common - Boundary (1880)

31. Hafod Uelaf - Boundary (1880)
37. Hafod Uelaf - Boundary (1880)

23. Glanvynedd - Boundary (1880)
72. Tanygrisiau - Boundary (1880)
73. Tanygrisiau - Boundary (1880)
76. Tanygrisiau - Boundary (1880)

- 109. Boundary (1880)
- 109. Boundary (1880)
- 109. Boundary (1880)
- 109. Boundary (1880)
- 109. Boundary (1880)
- 109. Boundary (1880)

109 and Pontmawr (1880) in dispute with Crown

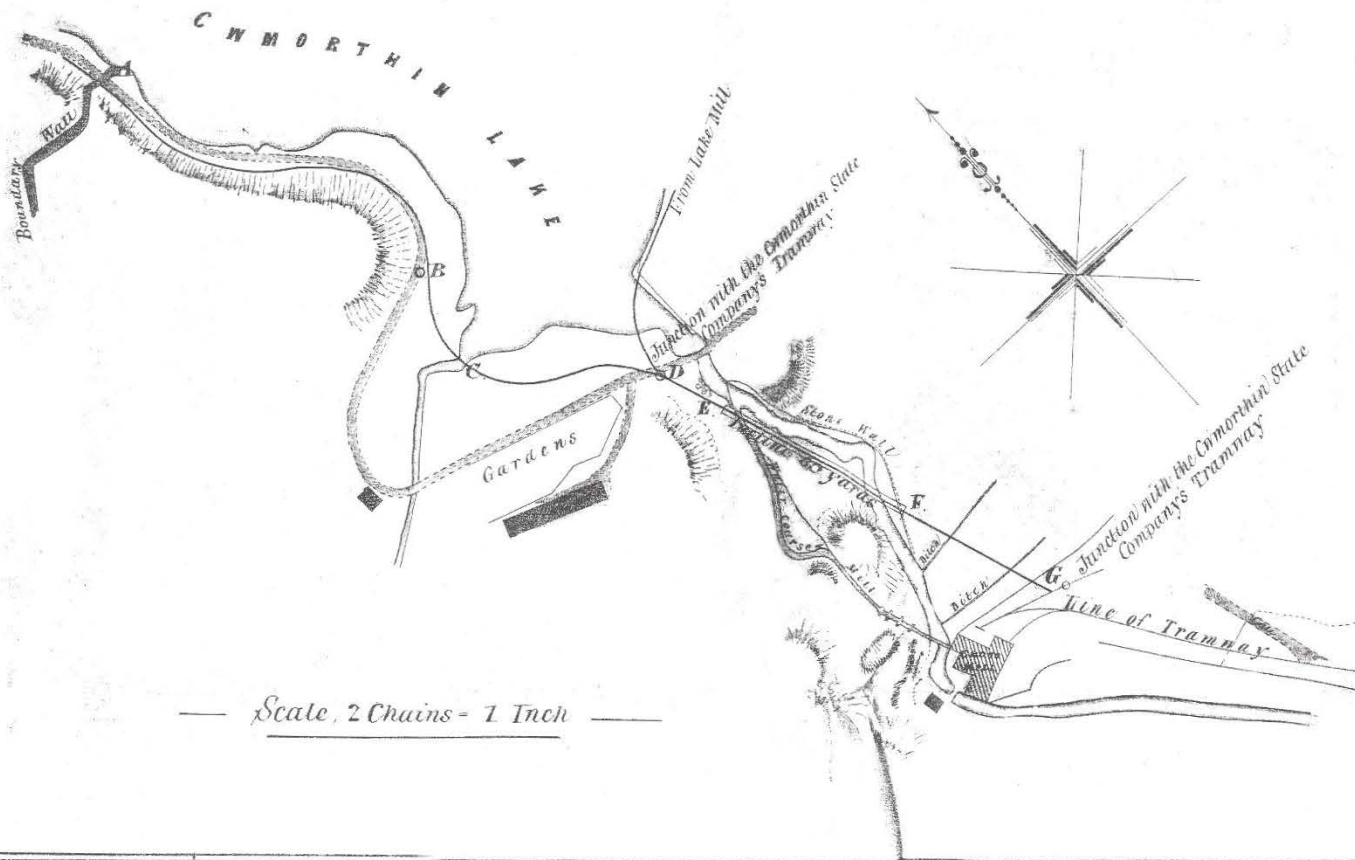
MOELWYN
PROPERTY BOUNDARIES

6" = 1 MILE

Site	Conglog Slate Quarry		Doc No	CG002-2
Subject	Map, tramway lease			
Doc Date	1874	See also		
Doc Type	map	Grid ref	SH 67 46	
Drawing Type	annotation	Scale	1" to 2 chs	
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source	CRO	
Doc Status	Original	Doc Size	A3	
Notes	XD8/4/1232			



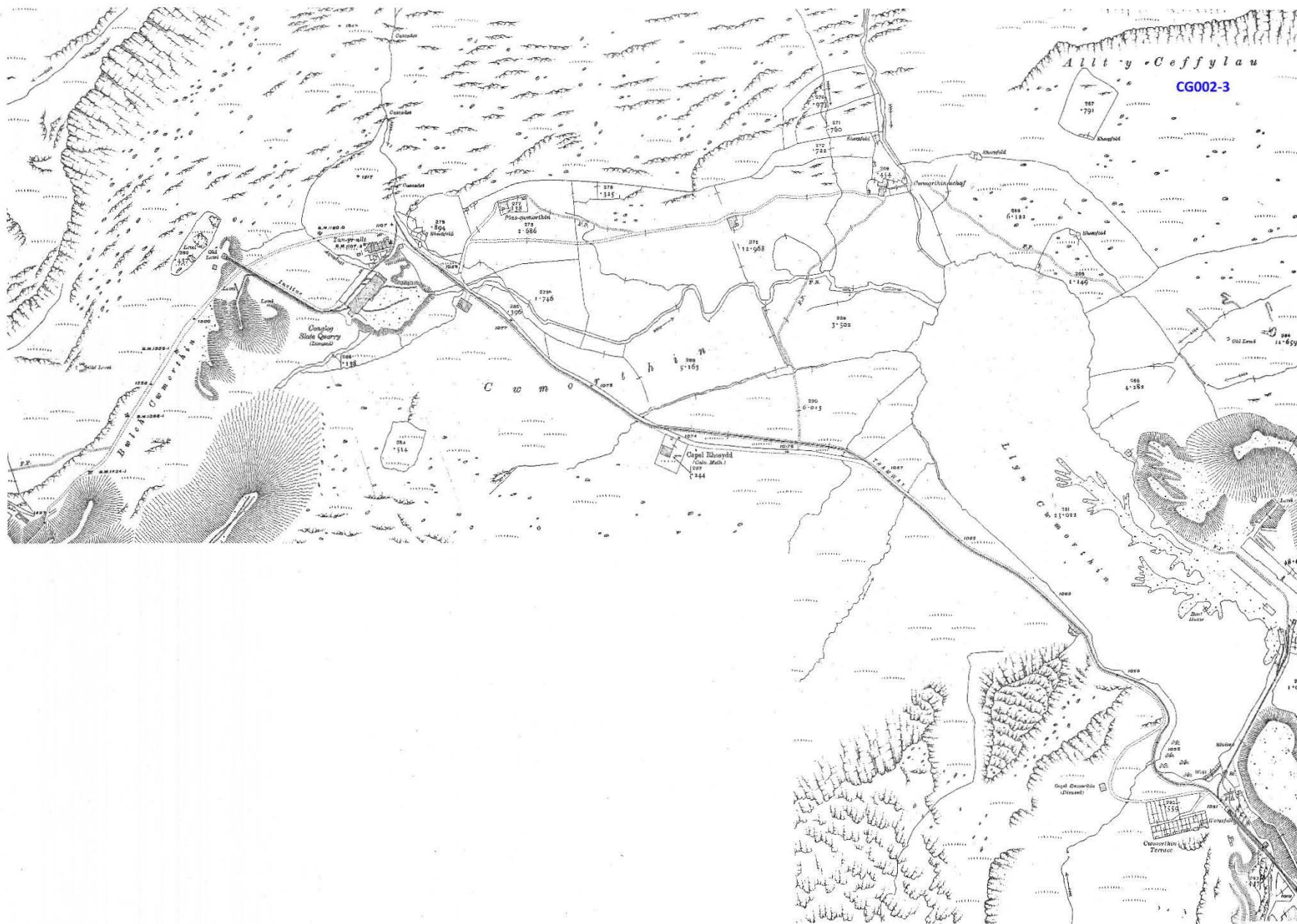
and stream as shown on the said plan for leading and carrying in waggons trucks and sidings the slabs and slate gotten by the Lessees their successors or assigns out of their own timber stones and other materials or things whatsoever required for the purposes of the said



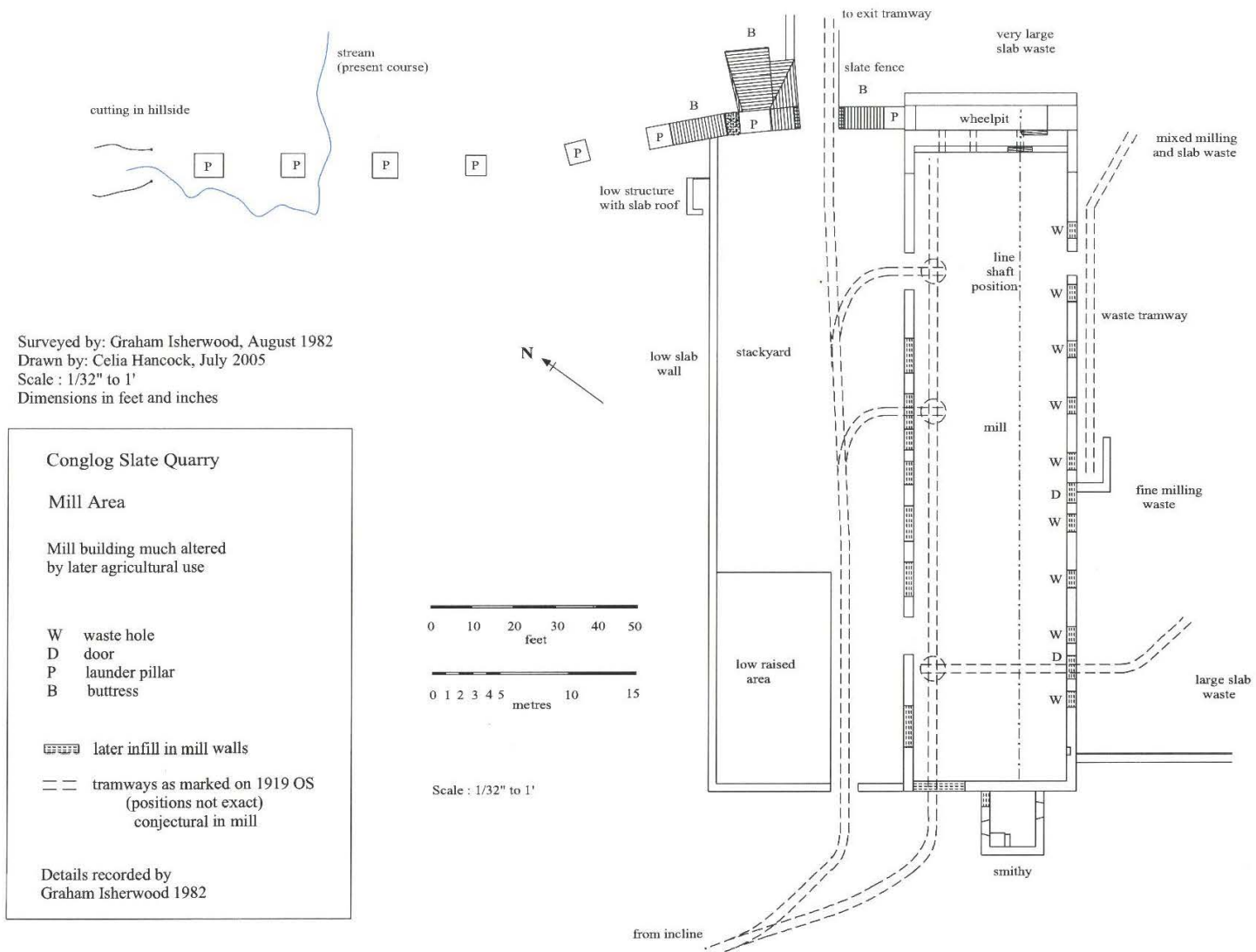
and their Agents wood timber earth the said Bridge a trenches water gates Incline and siding the soil of the said constructing or suff to do all things ne sidings and conste for repairing and a Tramway Bridge cuttings or embankments thereof And also servants and work way Incline and trucks or other car and appurtenances Tramway Incline theless unto the workmen and all common with the sidings between the Lake Mill and the

to the Railway Inclines And also reserving unto the Lessors their successors and assigns and the

Site	Conglog Slate Quarry		Doc No	CG002-3
Subject	Map, OS, tramway route			
Doc Date	1919	See also		
Doc Type	map	Grid ref	SH 67 46	
Drawing Type	annotation	Scale	red	
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				



Site	Conglog Slate Quarry			Doc No	CG003-1
Subject	Mill, area plan				
Doc Date	2005	See also			
Doc Type	drawing	Grid ref	SH 669 466		
Drawing Type	plan	Scale	1/32" to 1ft		
Drawing Medium	CAD	Author(s)	CH, JGI		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original		Doc Size	A4
Notes	measurements taken 1982				



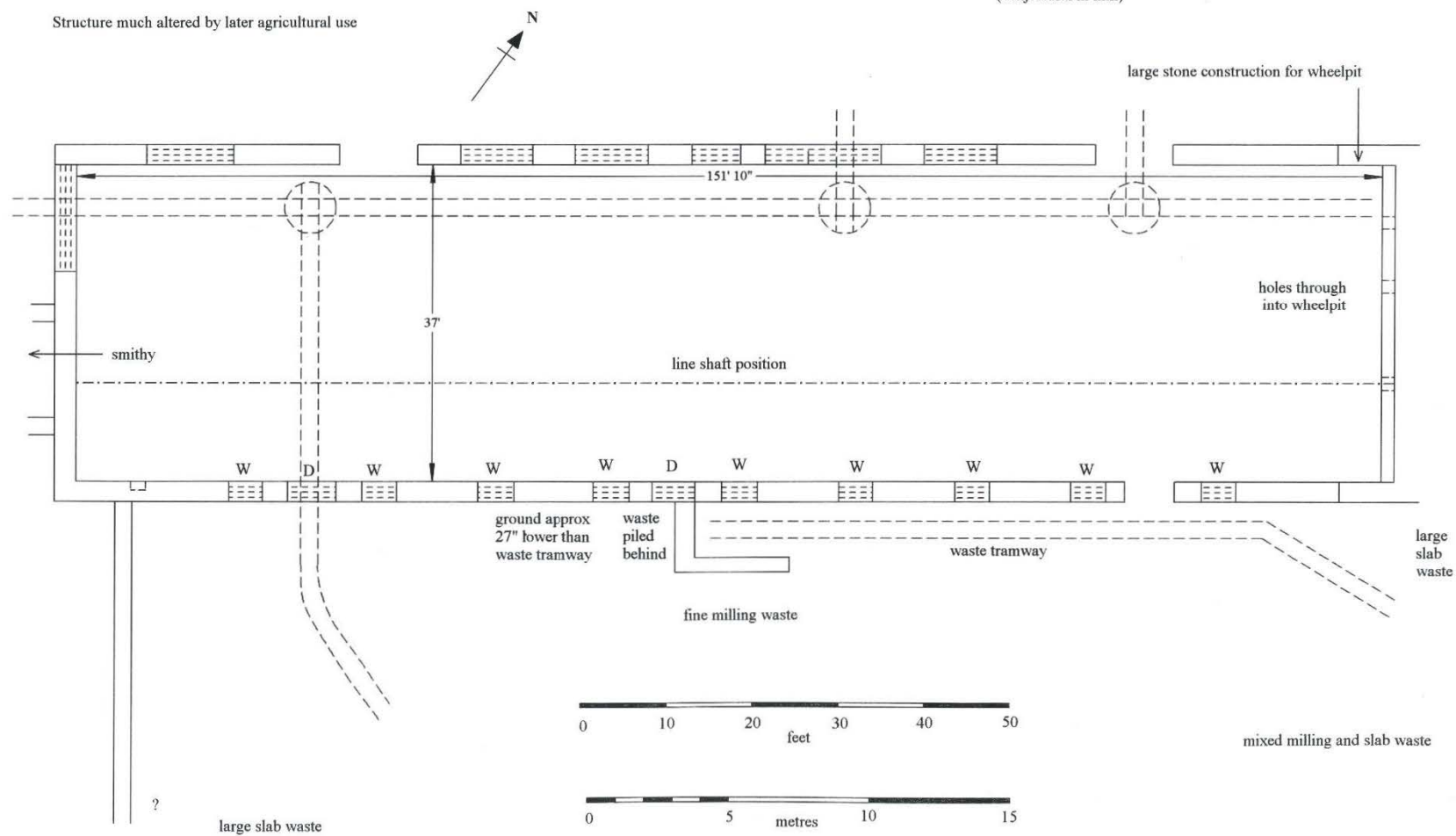
Site	Conglog Slate Quarry			Doc No	CG003-2
Subject	Mill				
Doc Date	2005	See also			
Doc Type	drawing	Grid ref	SH 6695 4660		
Drawing Type	plan	Scale	1/32" to 1ft		
Drawing Medium	CAD	Author(s)	CG, JGI		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original		Doc Size	A4
Notes	measurements taken 1982				

Conglog Slate Quarry
Mill - trackwork conjectural

Surveyed by: Graham Isherwood, August 1982
Drawn by: Celia Hancock, July 2005
Scale : 1/16" to 1'
Dimensions in feet and inches

later infill
W waste hole
D door
tramways as marked on 1919 OS
(positions not exact)
(conjectural in mill)

Structure much altered by later agricultural use

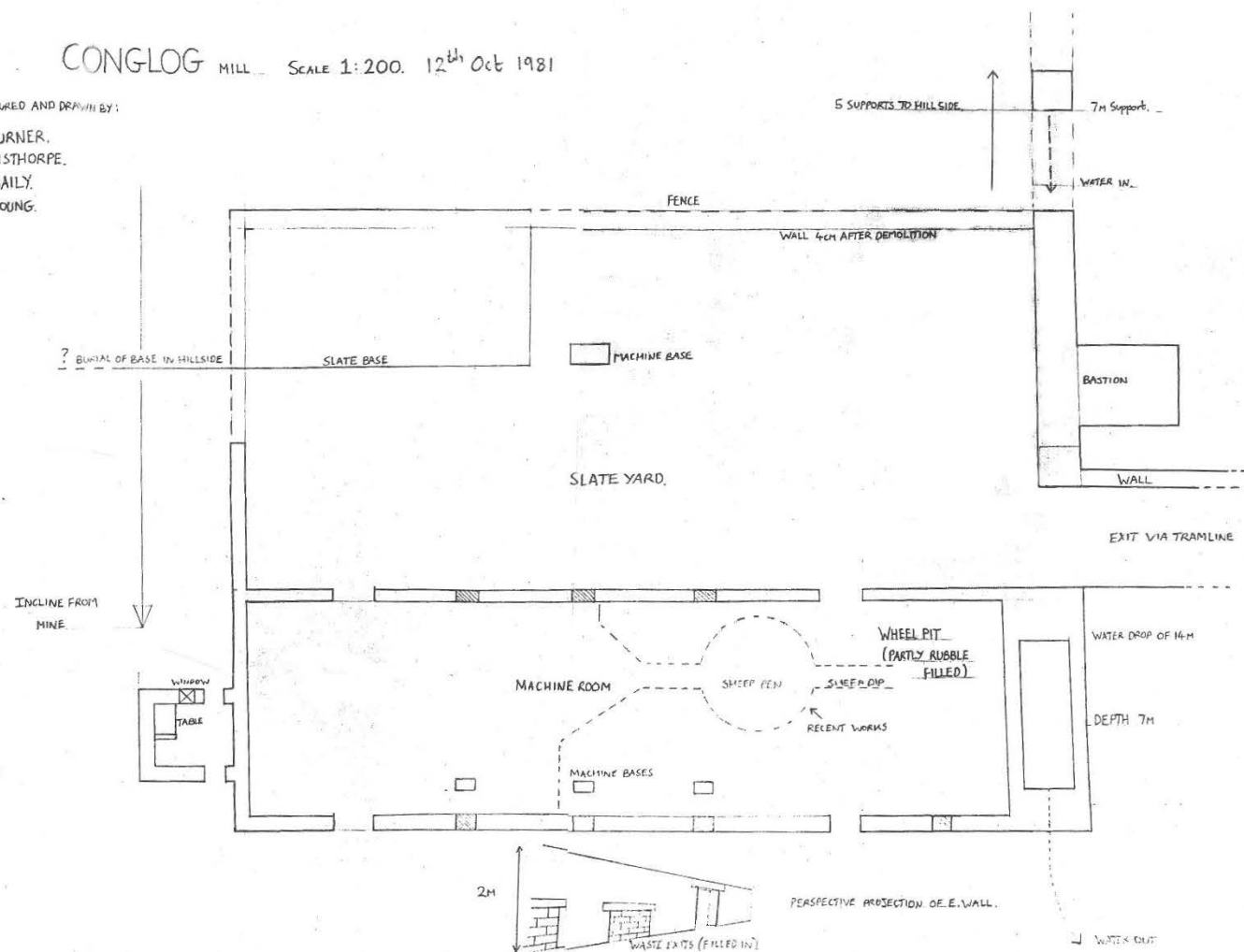


Site	Conglog Slate Quarry			Doc No	CG003-3
Subject	Mill				
Doc Date	1981	See also			
Doc Type	drawing	Grid ref	SH 6695 4660		
Drawing Type	plan	Scale	1:200		
Drawing Medium	photocopy	Author(s)	KT etc		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original		Doc Size	A3
Notes	measurements taken 1982				

CONGLOG MILL SCALE 1:200. 12th Oct 1981

MEASURED AND DRAWN BY:

K. TURNER,
S. AISTHORPE,
J. BAILY,
F. YOUNG.



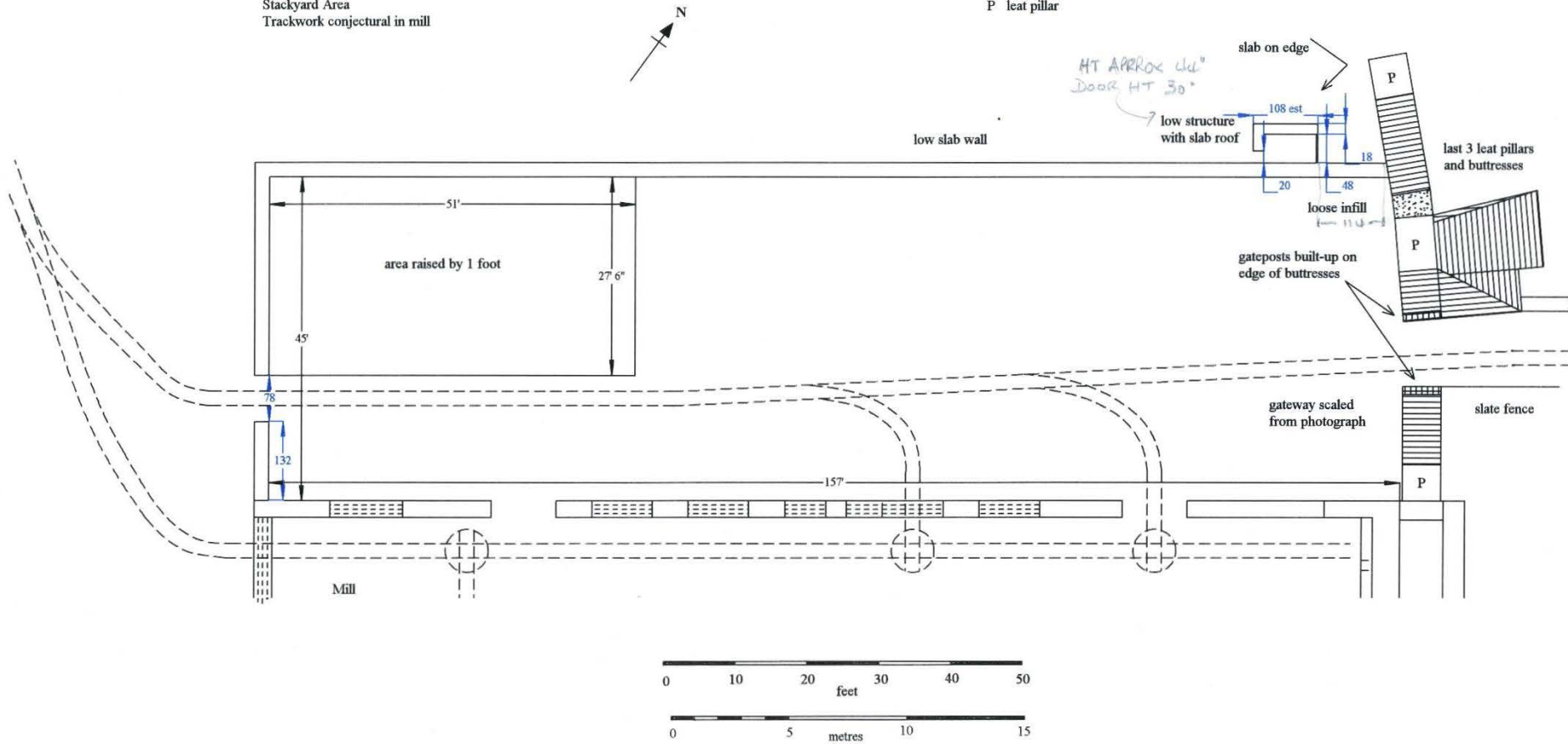
Site	Conglog Slate Quarry		Doc No	CG004
Subject	Stackyard area			
Doc Date	2005	See also		
Doc Type	drawing	Grid ref	SH 6693 4657	
Drawing Type	plan	Scale	1/20" to 1ft	
Drawing Medium	CAD	Author(s)	CH, JGI	
Doc Material	paper	Source	Plas Course	
Doc Status	complete	Original	Doc Size	A4
Notes	measurements taken 1982			

Conglog Slate Quarry

Surveyed by: Graham Isherwood, August 1982
 Drawn by: Celia Hancock, July 2005
 Scale : 1/20" to 1' (1:240)
 Dimensions in feet and inches

Stackyard Area
 Trackwork conjectural in mill

later infill
 tramways as marked on 1919 OS
 (positions not exact)
 (conjectural in mill)
 P leat pillar



Site	Conglog Slate Quarry			Doc No	CG005
Subject	Launder pillars				
Doc Date	2005	See also			
Doc Type	drawing	Grid ref	SH 6690 4665		
Drawing Type	plan	Scale	1:300		
Drawing Medium	CAD	Author(s)	CH, JGI		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original		Doc Size	A4
Notes	measurements taken 1982				

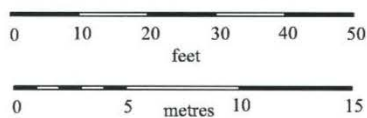
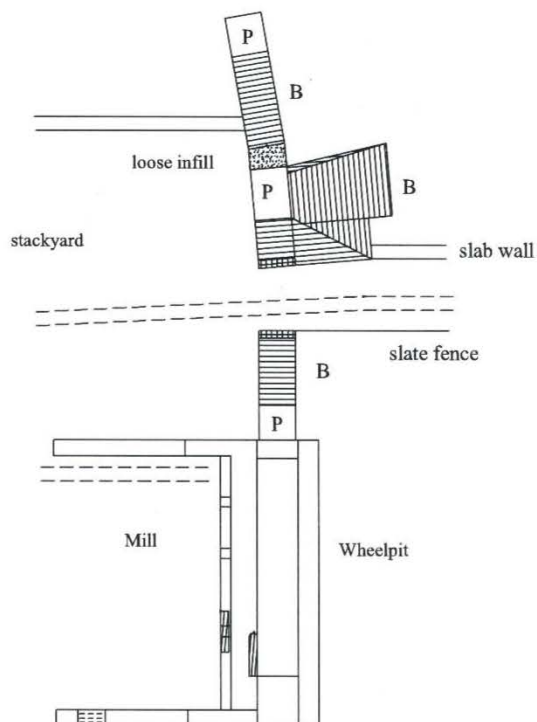
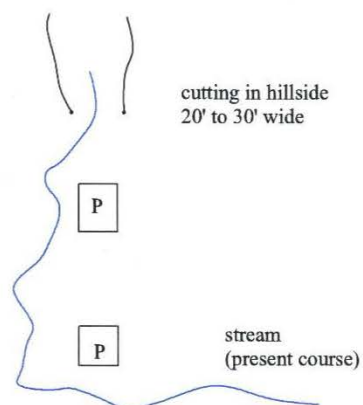
Conglog Slate Quarry

Launder Pillars

Surveyed by: Graham Isherwood, August 1982
 Drawn by: Celia Hancock, July 2005
 Scale : 1:300

Distance from cutting to wheelpit is approximately 60 yards

- P launder pillar
- B buttress
- later infill
- tramways as marked on 1919 OS
 (positions not exact)



Conglog Slate Quarry

Launder Pillars

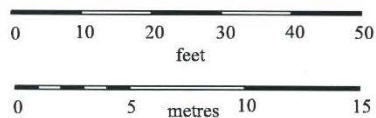
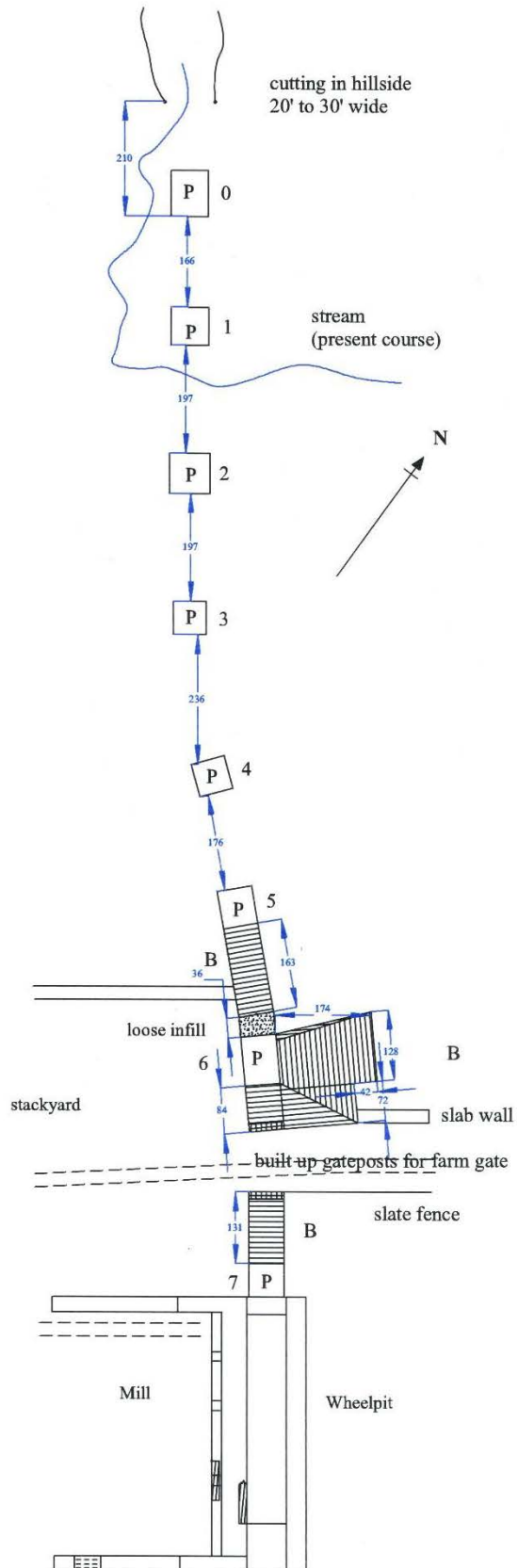
Surveyed by: Graham Isherwood, August 1982
 Drawn by: Celia Hancock, July 2005
 Scale: 1:300

Distance from cutting to wheelpit is approximately 60 yards

- P launder pillar
- B buttress
- later infill
- tramways as marked on 1919 OS (positions not exact)

pillar	length	width	note
0	7'	5'8"	at base top 5' wide **
1	5'9"	5'9"	
2	6'2"	6'3"	
3	5"	5'	4'10" at 4' up: stump only
4	5'2"	5'2"	leaning twisted, full height?
5	5'9"	5'4"	
6	7'6"	5'4"	
7	5'1"	5'4"	

** photo 1975 suggests pillar higher



Site	Conglog Slate Quarry		Doc No	CG006
Subject	Wheelpit			
Doc Date	2005	See also		
Doc Type	drawing	Grid ref	SH 6697 4657	
Drawing Type	plan	Scale	1/8" to 1ft	
Drawing Medium	CAD	Author(s)	CH, JGI	
Doc Material	paper	Source	Plas Course	
Doc Status	complete	Original	Doc Size	A4
Notes	measurements taken 1982			

Conglog Slate Quarry

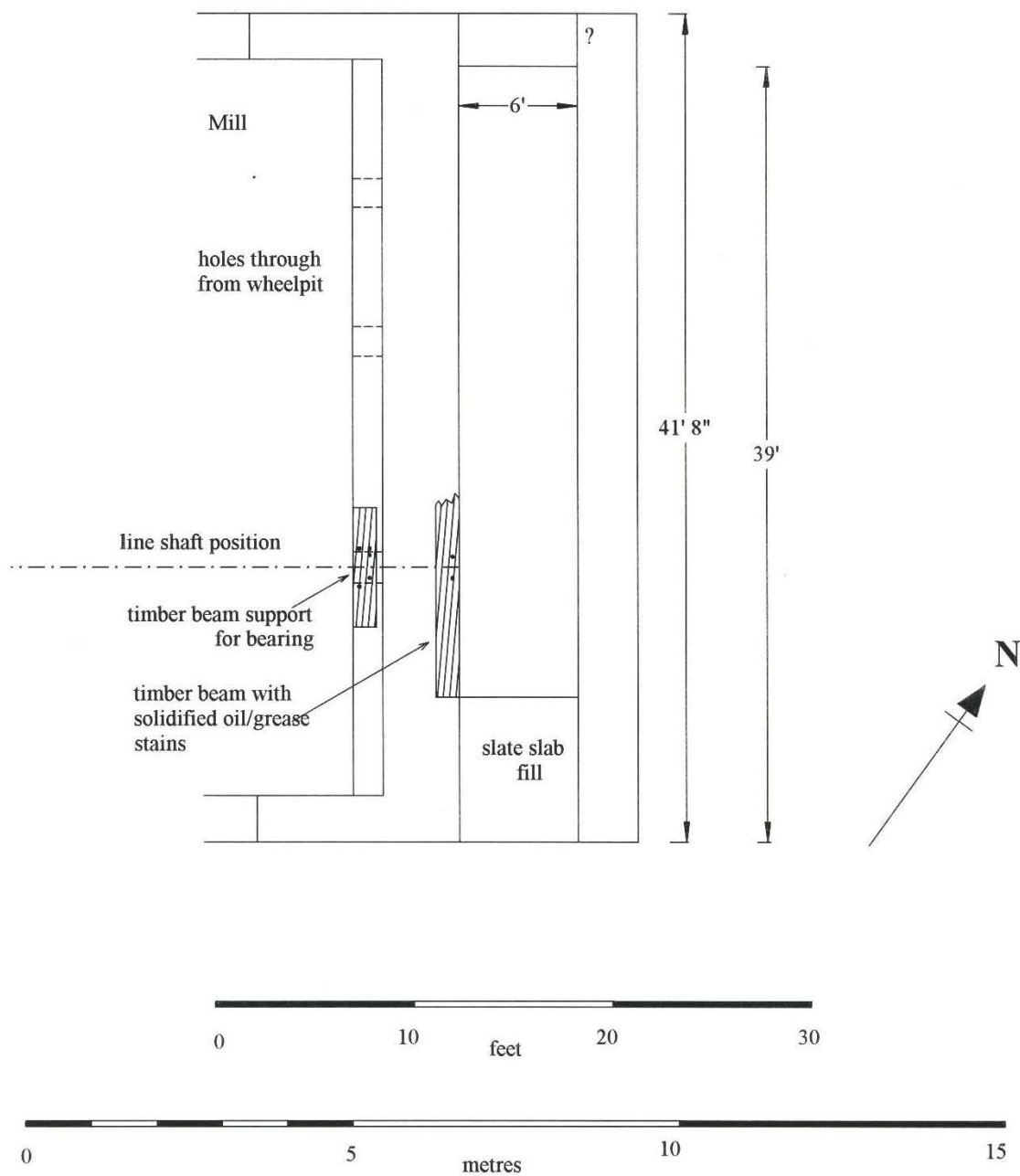
Mill Wheelpit

Surveyed by: Graham Isherwood, August 1982

Drawn by: Celia Hancock, July 2005

Scale : 1/8" to 1'

Dimensions in feet and inches



Conglog Slate Quarry

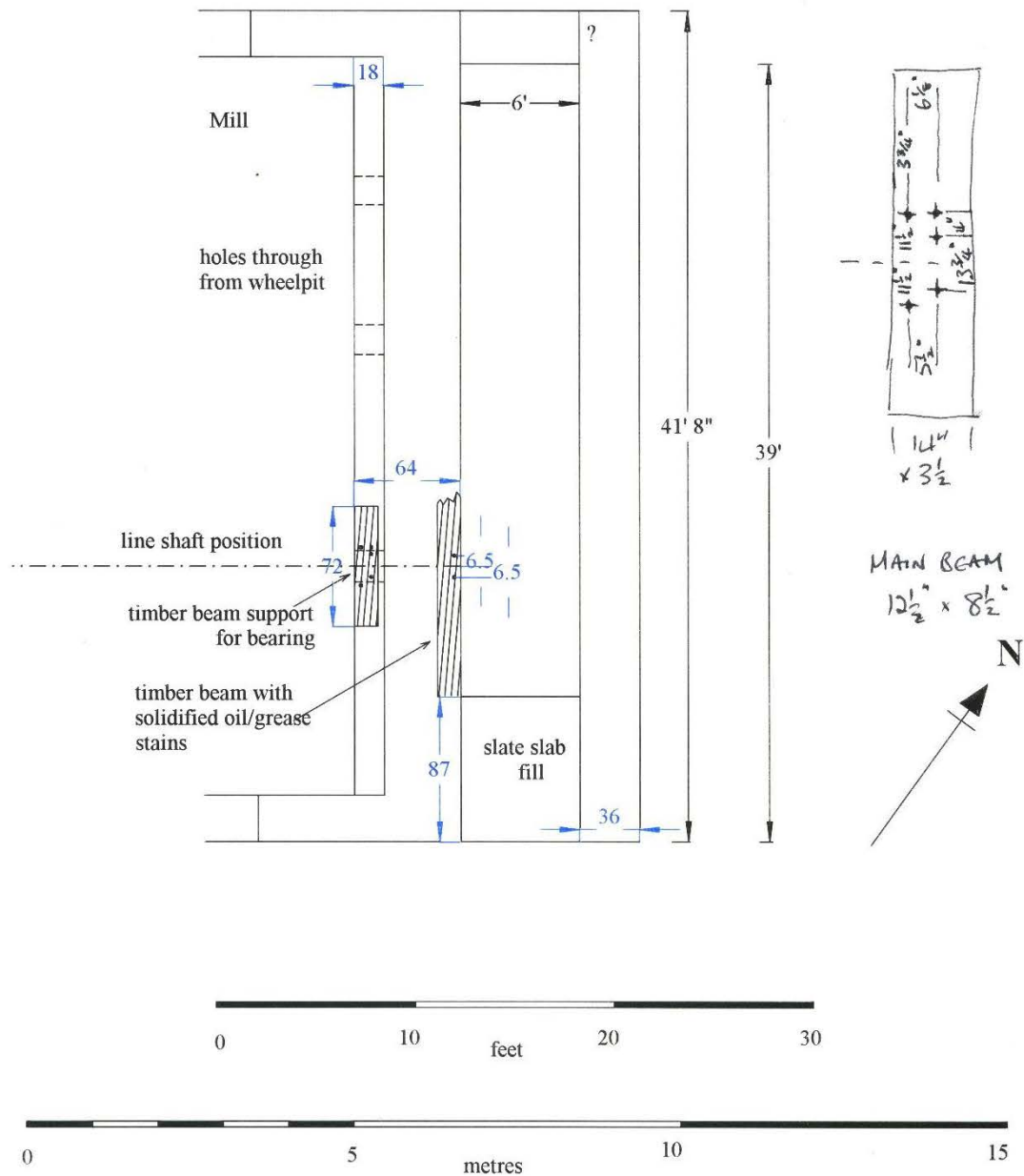
Surveyed by: Graham Isherwood, August 1982

Drawn by: Celia Hancock, July 2005

Scale : 1/8" to 1'

Dimensions in feet and inches

Mill Wheelpit



Site	Conglog Slate Quarry		Doc No	CG007
Subject	Smithy			
Doc Date	2005	See also		
Doc Type	drawing	Grid ref	SH 6692 4670	
Drawing Type	plan	Scale	1/8" to 1ft	
Drawing Medium	CAD	Author(s)	CH, JGI	
Doc Material	paper	Source	Plas Course	
Doc Status	complete	Original	Doc Size	A4
Notes	measurements taken 1982			

CONGLOG SLATE QUARRY

SMITHY

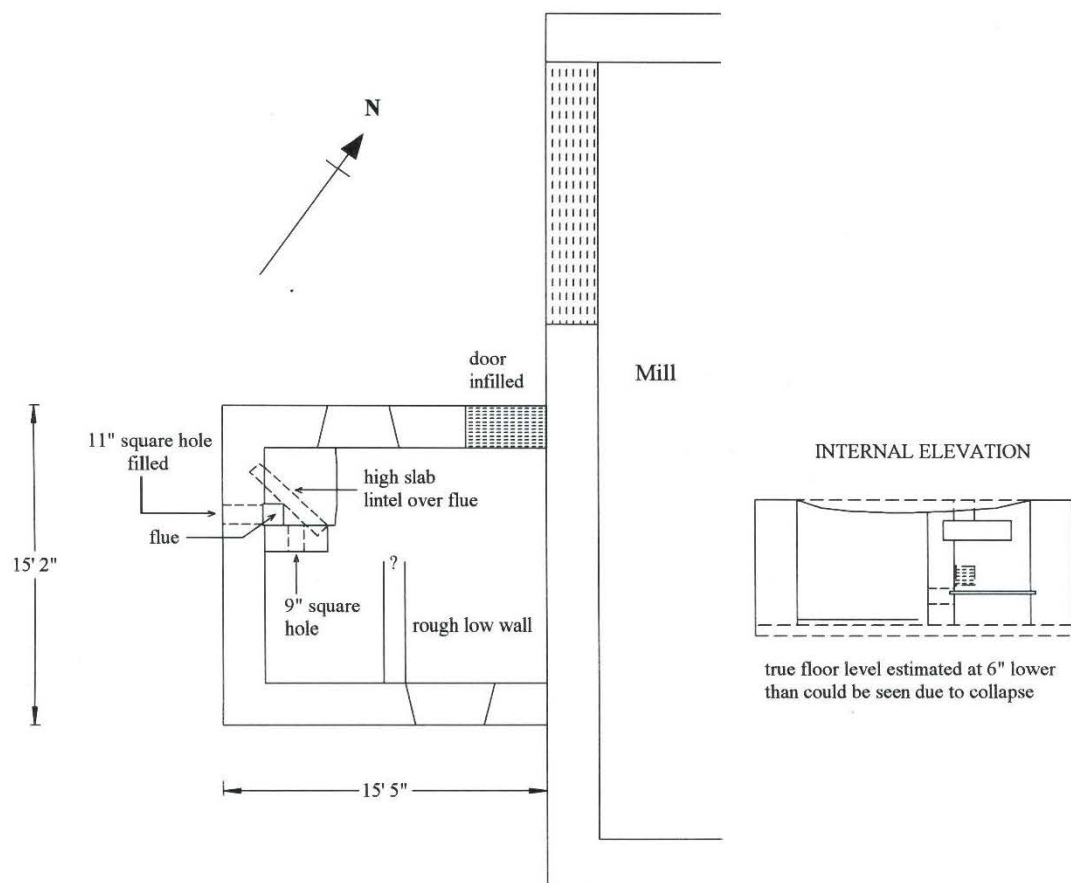
SH 6692 4670

Surveyed by: Graham Isherwood, August 1982

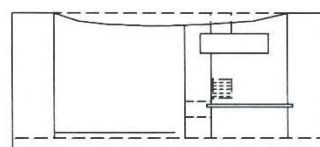
Drawn by: Celia Hancock, July 2005

Scale: 1/8" to 1'

Dimensions in feet and inches

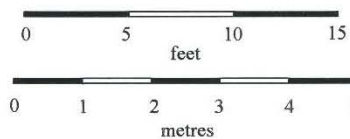
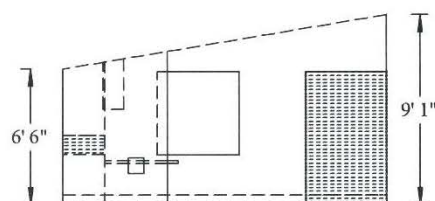


INTERNAL ELEVATION



true floor level estimated at 6" lower
than could be seen due to collapse

COMPOSITE SECTION/ELEVATION



Dimensioned CG007

CONGLOG SLATE QUARRY

SMITHY

SH 6692 4670

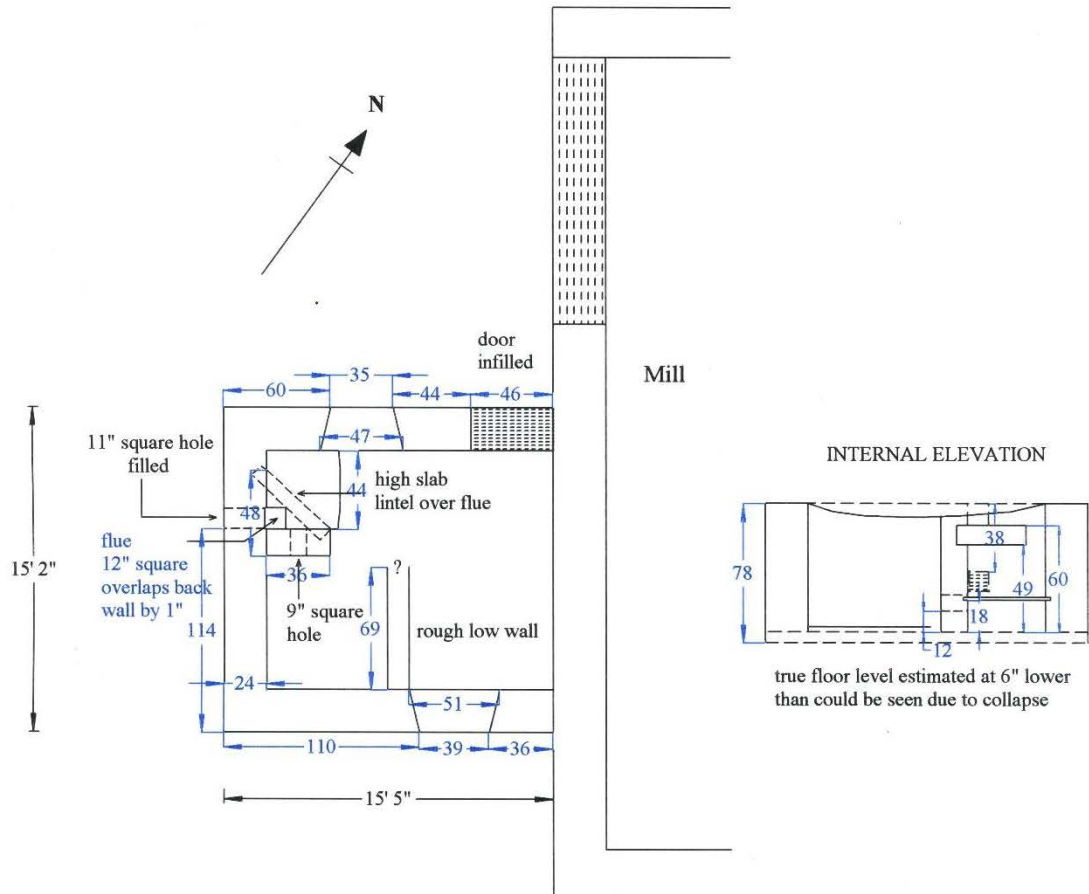
Surveyed by: Graham Isherwood, August 1982

Drawn by: Celia Hancock, July 2005

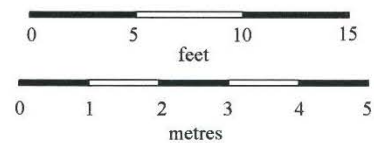
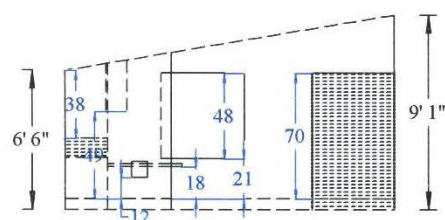
Scale: 1/8" to 1'

Dimensions in feet and inches

Dimensioned Sketch



COMPOSITE SECTION/ELEVATION



Site	Conglog Slate Quarry		Doc No	CG008
Subject	Hut, near mill			
Doc Date	2005	See also		
Doc Type	drawing	Grid ref	SH 6700 4661	
Drawing Type	plan/elev/sect	Scale	1/8" to 1ft	
Drawing Medium	CAD	Author(s)	CH	
Doc Material	paper	Source	private survey	
Doc Status	complete	Original	Doc Size	A4
Notes				

CONGLOG SLATE QUARRY

HUT NEAR MILL

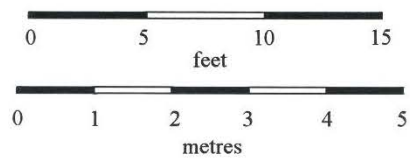
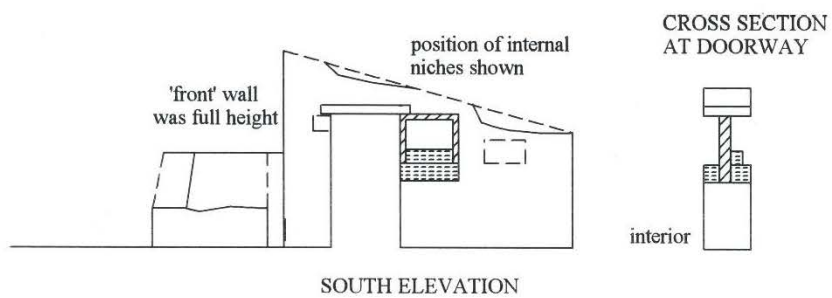
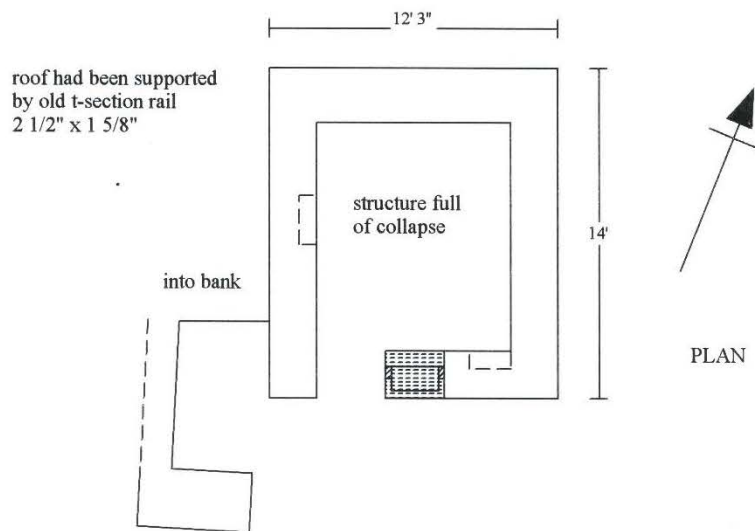
SH 6700 4661

Surveyed by: Celia Hancock, Tim Oulton, August 2005

Drawn by: Celia Hancock, September 2005

Scale 1/8" to 1'

Dimensions in feet and inches



CONGLOG SLATE QUARRY

HUT NEAR MILL

SH 6700 4661

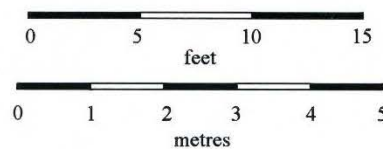
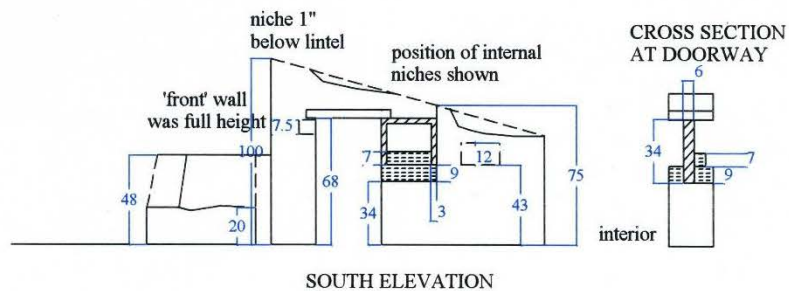
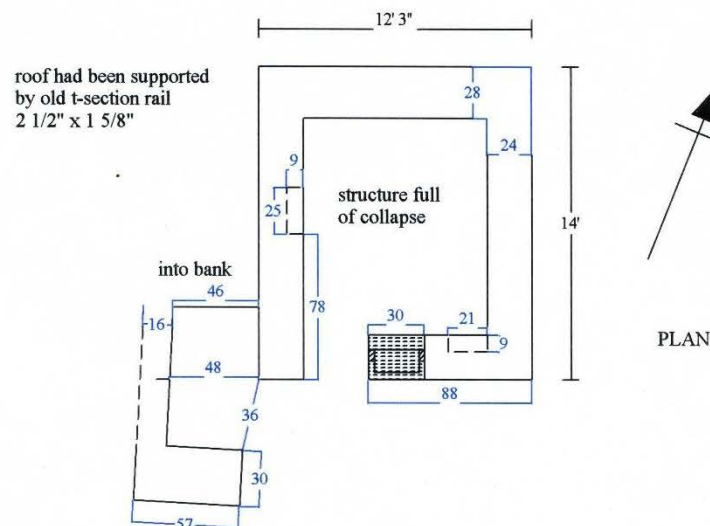
Surveyed by: Celia Hancock, Tim Oulton, August 2005

Drawn by: Celia Hancock, September 2005

Scale 1/8" to 1'

Dimensions in feet and inches

Dimensioned sketch



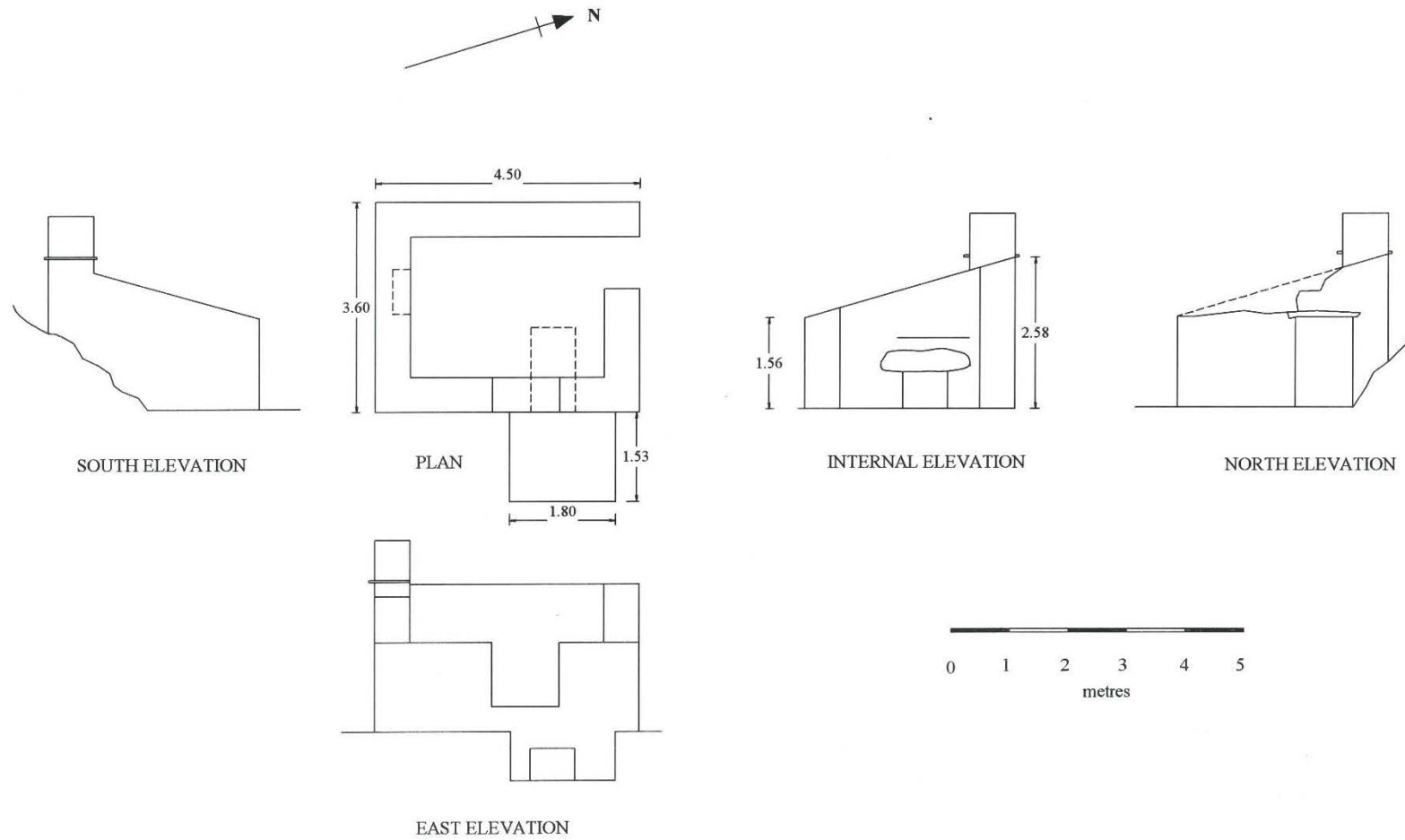
Site	Conglog Slate Quarry		Doc No	CG009
Subject	Weighhouse, Floor C			
Doc Date	2005	See also		
Doc Type	drawing	Grid ref	SH 668 467	
Drawing Type	plan/elevations	Scale	1:100	
Drawing Medium	CAD	Author(s)	CH	
Doc Material	paper	Source	private survey	
Doc Status	complete	Original	Doc Size	A4
Notes				

CONGLOG SLATE QUARRY

WEIGHHOUSE, FLOOR C

SH 668 467

Surveyed by: Celia Hancock, August 2005
Drawn by: Celia Hancock, September 2005
Scale 1:100
Dimensions in metres



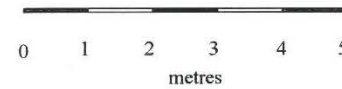
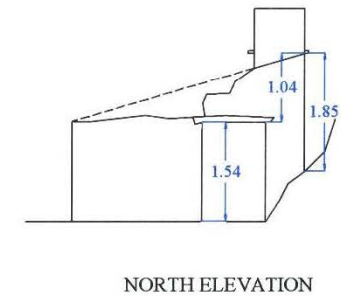
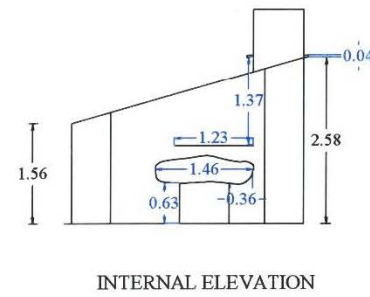
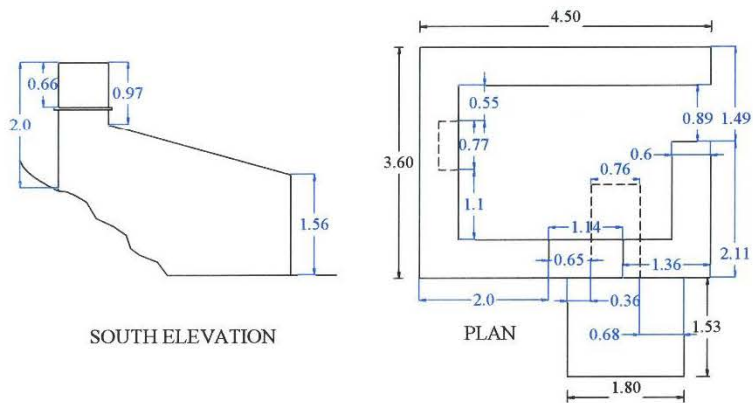
CONGLOG SLATE QUARRY

WEIGHHOUSE, FLOOR C

SH 668 467

Surveyed by: Celia Hancock, August 2005
Drawn by: Celia Hancock, September 2005
Scale 1:100
Dimensions in metres

Dimensioned CG009



Site	Conglog Slate Quarry		Doc No	CG010
Subject	Drumhouse, Floor C			
Doc Date	2005	See also		
Doc Type	drawing	Grid ref	SH 668 467	
Drawing Type	plan	Scale	1:100	
Drawing Medium	CAD	Author(s)	CH	
Doc Material	paper	Source	private survey	
Doc Status	complete	Original	Doc Size	A4
Notes				

CONGLOG SLATE QUARRY

DRUMHOUSE, FLOOR C

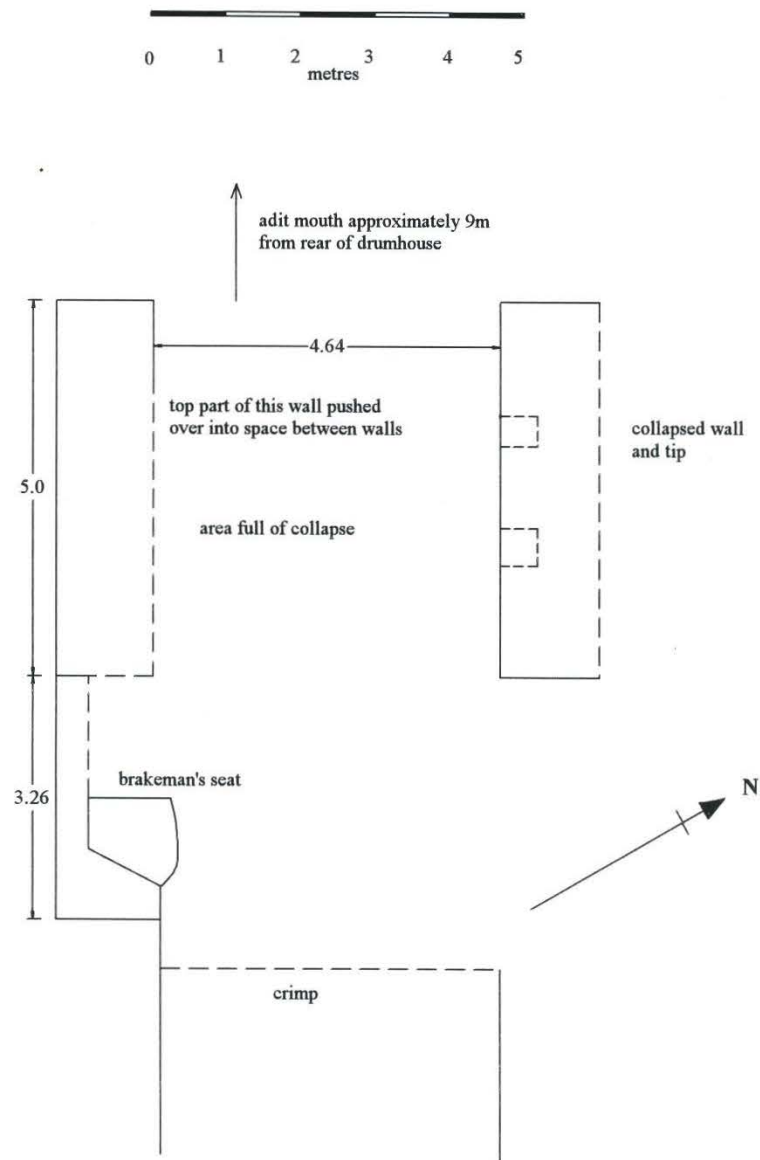
SH 668 467

Surveyed by: Celia Hancock, August 2005

Drawn by: Celia Hancock, September 2005

Scale: 1:100

Dimensions in metres



Dimensioned CG010

CONGLOG SLATE QUARRY

DRUMHOUSE, FLOOR C

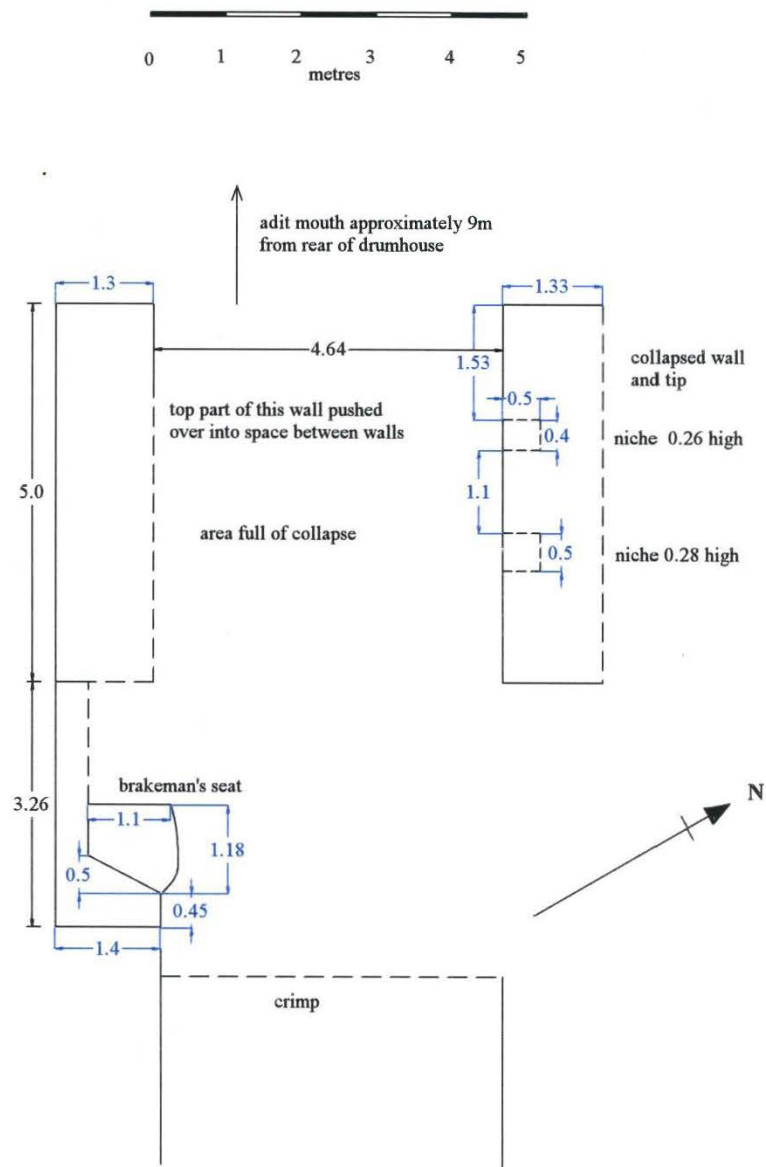
SH 668 467

Surveyed by: Celia Hancock, August 2005

Drawn by: Celia Hancock, September 2005

Scale: 1:100

Dimensions in metres



Site	Conglog Slate Quarry		Doc No	CG011
Subject	Water supply system			
Doc Date	2025	See also		
Doc Type	transcribed	Grid ref	SH 668 466	
Drawing Type		Scale		
Drawing Medium	comp gen	Author(s)	ID CH	
Doc Material	paper	Source	Plas Course	
Doc Status	complete	Original	Doc Size	A4
Notes				

See CG011-1

CONGLOG SLATE QUARRY – WATER SUPPLY SYSTEM

Leat System

The line of the first leat was traceable from where it had been overtipped by the Rhosydd Quarry to the mill. It followed the line shown on the Rhosydd Quarry Surface Plan North. (From Rhosydd Slate Quarry, Lewis and Denton, 1974)

The water was carried in a mixture of pillar supported launder and leats cut into the hillside.

The upper length from the Rhosydd tip is carried on mainly low pillars about 1 metre square with three short lengths in artificial cuttings on the hillside.

The line crosses the road in a culvert and runs steeply downhill in a gully on the north side of the road. The water is then carried in a launder on pillars to a point halfway down the incline on the north side of the road. It must have passed through the incline below track level then dropped steeply down a short shoot into a gully dropping steeply down the hillside under the road to the lower series of tall pillars outside the mill. The total drop in height being about 300' from the Rhosydd tip.

Later Water System

There is some evidence of man-made structures on the stream from Llyn Conglog just below the upper cascades at about the 1400-1500' contour. There is a bridge over the stream and a small fallen pillar. The height is correct for a gently falling gradient to the top of the incline. But as there is no intermediate evidence the whole postulation is speculative.

Ian Devine: 1982

Transcribed by Celia Hancock: 2025.

Site	Conglog Slate Quarry			Doc No	CG011-1
Subject	Water Supply system				
Doc Date	1982	See also	022		
Doc Type	report	Grid ref	SH 668 466		
Drawing Type		Scale			
Drawing Medium	ink	Author(s)	ID		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original	Y	Doc Size	A4, 4 pg
Notes					

CONCLOG SLATE QUARRYLEAT SYSTEM

The line of the first leat was traceable from where it had been overlapped by the Rhosydd Quarry to the mill. It followed the line shown on the Rhosydd Quarry Surface Plan North.

The water was carried on a mixture of pillar supported caunders and leats cut into the hillside.

The upper length from the Rhosydd tip is carried on mainly low pillars about 1 metre square with three short lengths in artificial cuttings on the hillside.

The line crosses the road in a culvert and runs steeply downhill in a gully on the north side of the road. The water

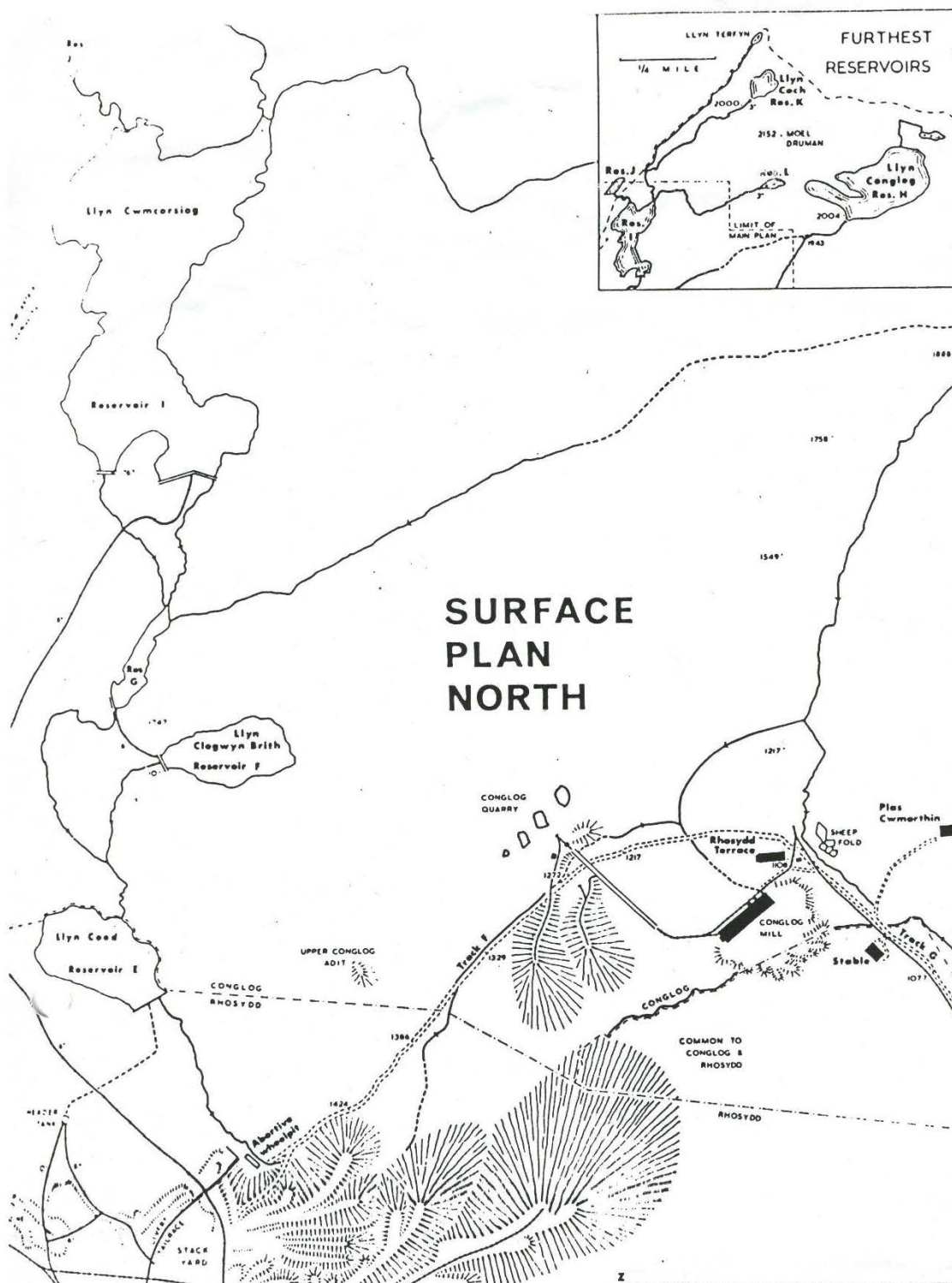
is then carried in a launder or pillars to the a point about halfway down the incline on the north side of the road. It must have passed through the incline below track level then dropped steeply down a short shoot into a gully dropping steeply down the hillside under the road to the lower series of tall pillars outside the mill. The total drop in height being about 300' from the Rhozydd tip.

Lates Water System

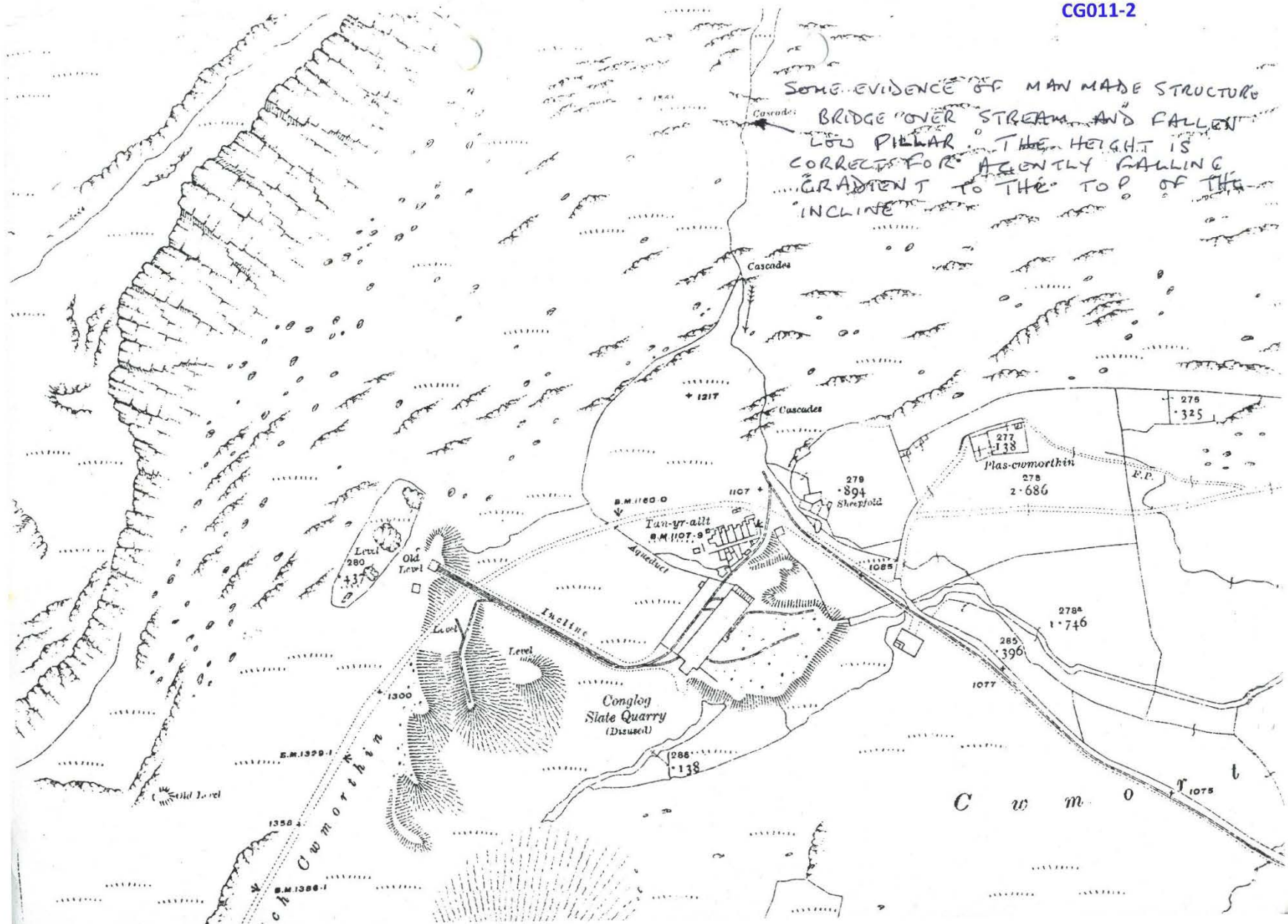
There is some evidence of man made structures on the stream from Llyn Conclog just below the upper cascades at about the 1400-1500' contour. There is a bridge over the stream and a small fallen

Piller. The height is correct for a gently falling gradient to the top of the incline. But as there is no intermediate evidence the whole postulation is speculative.

4/4



Site	Conglog Slate Quarry			Doc No	CG011-2
Subject	Water Supply system				
Doc Date	1982	See also	022		
Doc Type	map	Grid ref	SH 668 466		
Drawing Type	annotation	Scale			
Drawing Medium	photocopy	Author(s)	ID		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original	Y	Doc Size	A4
Notes					



Site	Conglog Slate Quarry			Doc No	CG011-3
Subject	Water Supply system				
Doc Date	1982	See also	022		
Doc Type	report	Grid ref	SH 668 466		
Drawing Type		Scale			
Drawing Medium	photocopy	Author(s)	IW		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original		Doc Size	A4
Notes	contains note on main incline				

Site	Conglog Slate Quarry			Doc No	CG011-3
Subject	Incline, from workings to mill				
Doc Date	1982	See also	022		
Doc Type	report	Grid ref	SH 668 466		
Drawing Type		Scale			
Drawing Medium	photocopy	Author(s)	IW		
Doc Material	paper	Source	Plas Course		
Doc Status	note	Original		Doc Size	A4
Notes	in report on Water Supply system				

Notes on the water supply system and main incline at Conglog Slate quarry - 1982

The water supply for Conglog Quarry was obtained from two sources, one was from the stream which flowed down Bwlch Cwmorthin from the west. This supply was at some time buried by the waste tips of Rhosydd Slate quarry and would have appeared to have been discontinued. The other supply was taken off the stream which flows out of Llyn Conglog, to the north-east.

The remains of a leat can be traced from high up on Bwlch Cwmorthin, by the side of the Rhosydd Slate quarry tip. This tip has buried some of the course of the leat. At this point it would appear to have run in a wooden launder on pillars and through rock cuttings around the hillside. The width of the pillar tops and the cuttings are about 3ft. After a short distance the leat joins a natural water channel coming down the hillside and uses it for a distance of about 70ft. It is then diverted into a man made channel lined with slate. This leat then continues around the hillside until the road up to Rhosydd is reached. The other side of the road a water channel was found continuing down the hill along side the road, with a maximum width of 3ft. The main incline of the quarry crosses the road about 2/3 of the way down the hill. As the incline is approached the leat left the side of the road after passing under the remains of a bridge or culvert (over which ran a tramway to the waste tips). After leaving the road side the leat continued on pillars up to the the the incline, which it appeared to pass under in a culvert. The other side of the incline there were 2 more pillars, but after this no more trace can be found until a water course can be seen near the bottom of some tipped waste by the incline head. From here it continues down the hill in an ever increasing channel size due to the profile of the ground, until it meets up with the other leat which has tapped the other stream. From here the large channel then turns down hill and passes under the road in a 2ft x 2ft culvert, then down the hillside and onto high pillars of a launder which connected the leat on the hillside to the water wheel at the mill.

The other leat starts from the stream which runs out of Llyn Conglog. It taps the stream about 200 ft above mill level then runs in a leat which is approx 3ft wide (and could have been slate lined) round the hillside. By the take off point the down hill side is heavily built up with trimmed stone. As the leat approaches the other leat it deepens to a size similar to the other one and after they meet the channel turns down towards the road.

Alongside the road below the incline is a water channel of similar size to the one which carried the leat water. This channel continues beside the road until it runs into the leat next to the culvert under the road. (This may have been a ditch to protect the road from surface water running off the hillside.)

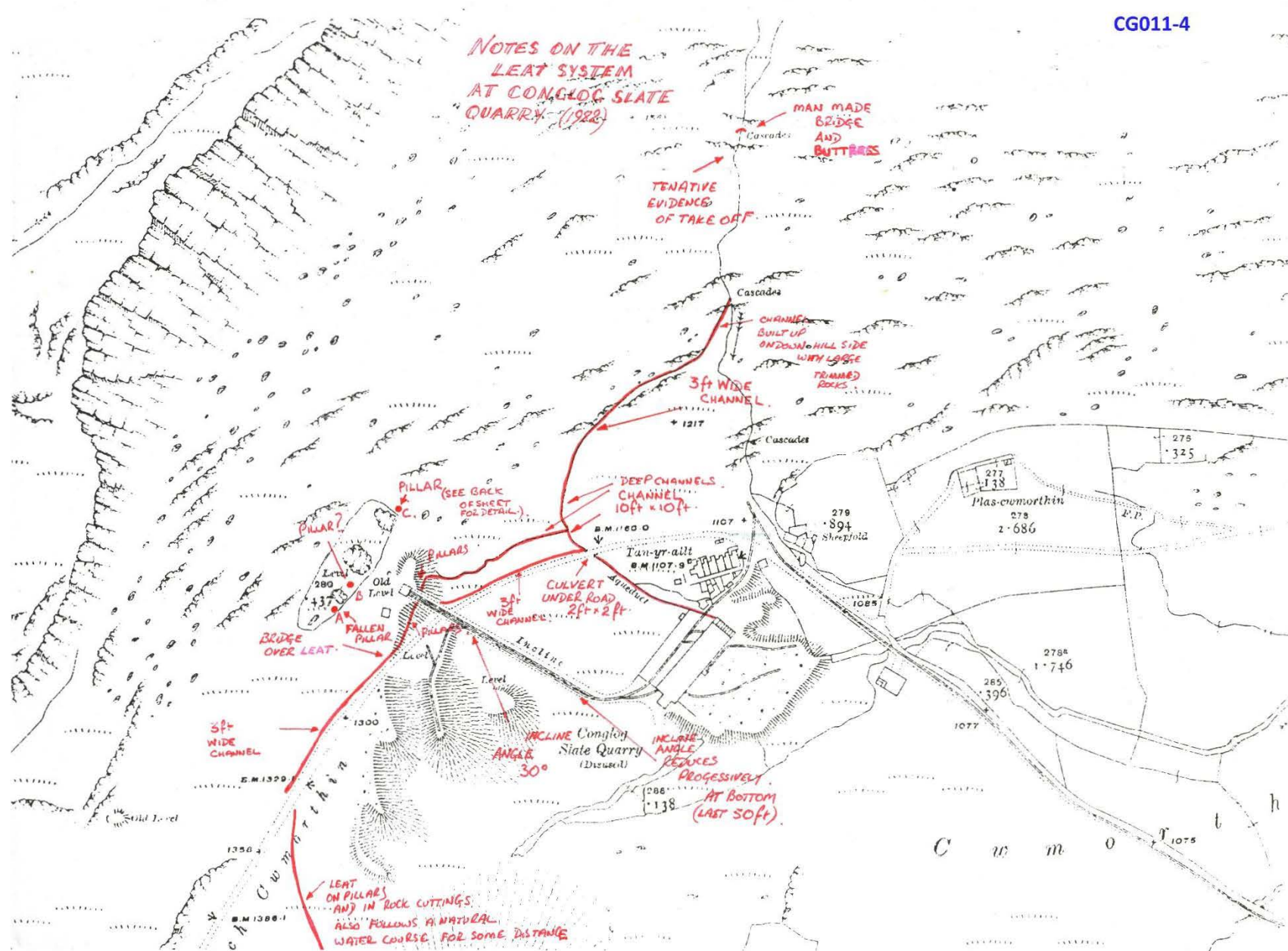
The size of each of these water channels was probably only 2ft wide and maybe 1ft to 1ft 6ins deep if the size of the culvert under the road is anything to go on.

Note on the main incline

The angle of the incline was measured at 30° to the horizontal but this decreased progressively from about 50ft from the bottom.

Ian Walters

Site	Conglog Slate Quarry		Doc No	CG011-4
Subject	Water Supply system			
Doc Date	1982	See also		
Doc Type	map	Grid ref	SH 668 466	
Drawing Type	annotation	Scale		
Drawing Medium	photocopy	Author(s)	IW	
Doc Material	paper	Source	Plas Course	
Doc Status	complete	Original	Y	Doc Size A4
Notes				

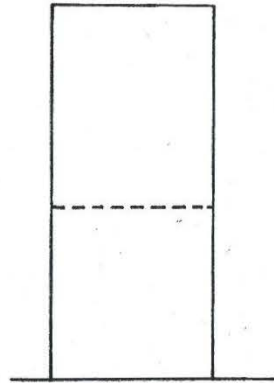
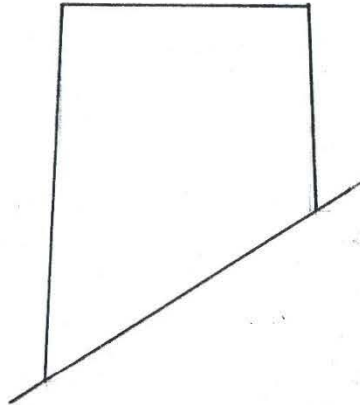


Site	Conglog Slate Quarry		Doc No	CG012
Subject	Pillar C, near open chambers			
Doc Date	1982	See also		
Doc Type	drawing	Grid ref	SH 668 466	
Drawing Type	plan/elevations	Scale	1" to 2ft	
Drawing Medium	photocopy	Author(s)	IW	
Doc Material	paper	Source	Plas Course	
Doc Status	complete	Original	Doc Size	A4
Notes	notes by MJTL			

CG012

Pillar C.

PILLAR C

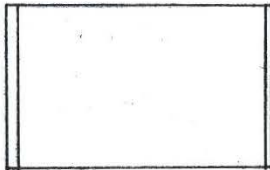


Pillar A probably collapsed
B probably shelter
C for win fence round bylaw

Annotation by Michael Lewis

0ft 1ft 2ft 3ft

SCALE

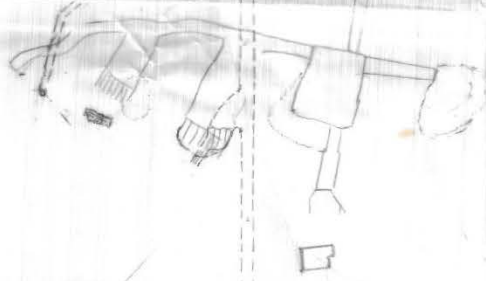


Site	Conglog Slate Quarry			Doc No	CG013-1
Subject	Underground workings				
Doc Date	1982	See also	024		
Doc Type	drawing	Grid ref	SH 668 466		
Drawing Type	plan	Scale	66' to 1 mile		
Drawing Medium	pencil	Author(s)	SH?		
Doc Material	tracing paper	Source	Plas Course		
Doc Status	incomplete	Original	Y	Doc Size	A2
Notes					

66-1

66
192

CG013-1

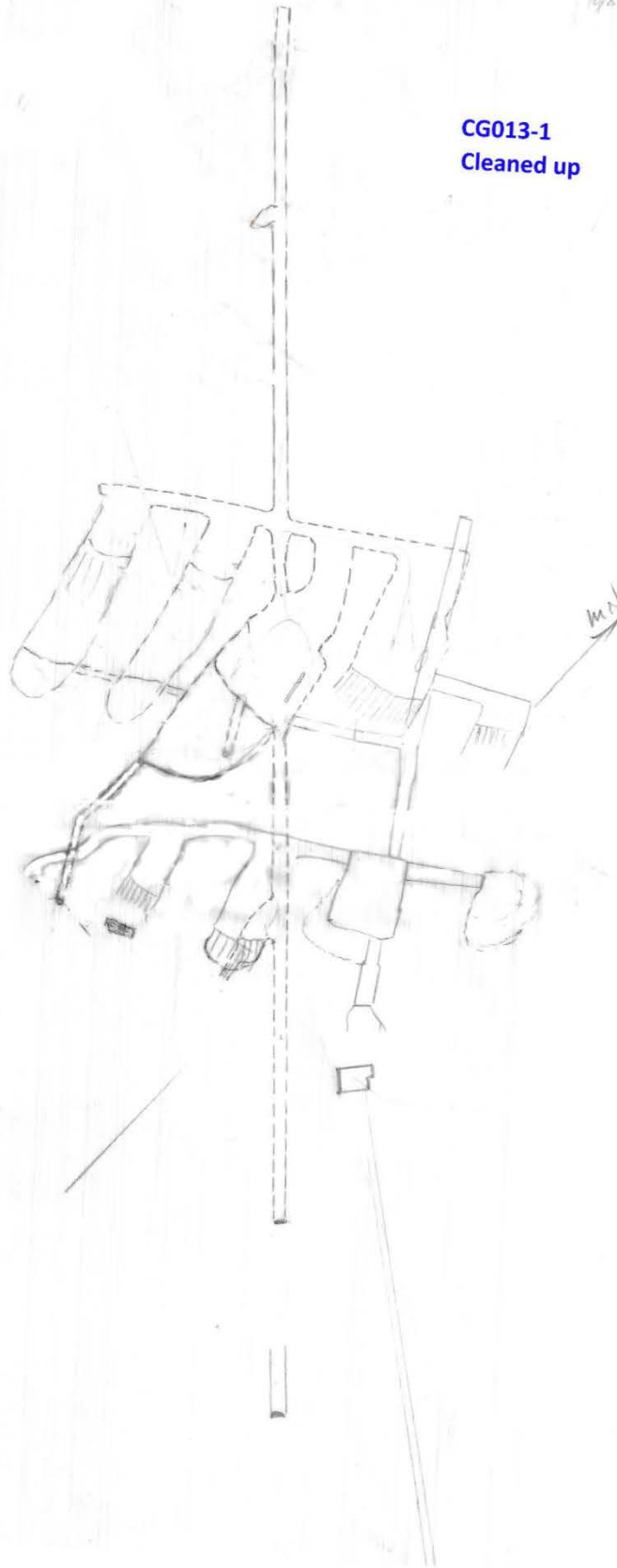


Complot

GG-1

66
198

CG013-1
Cleaned up



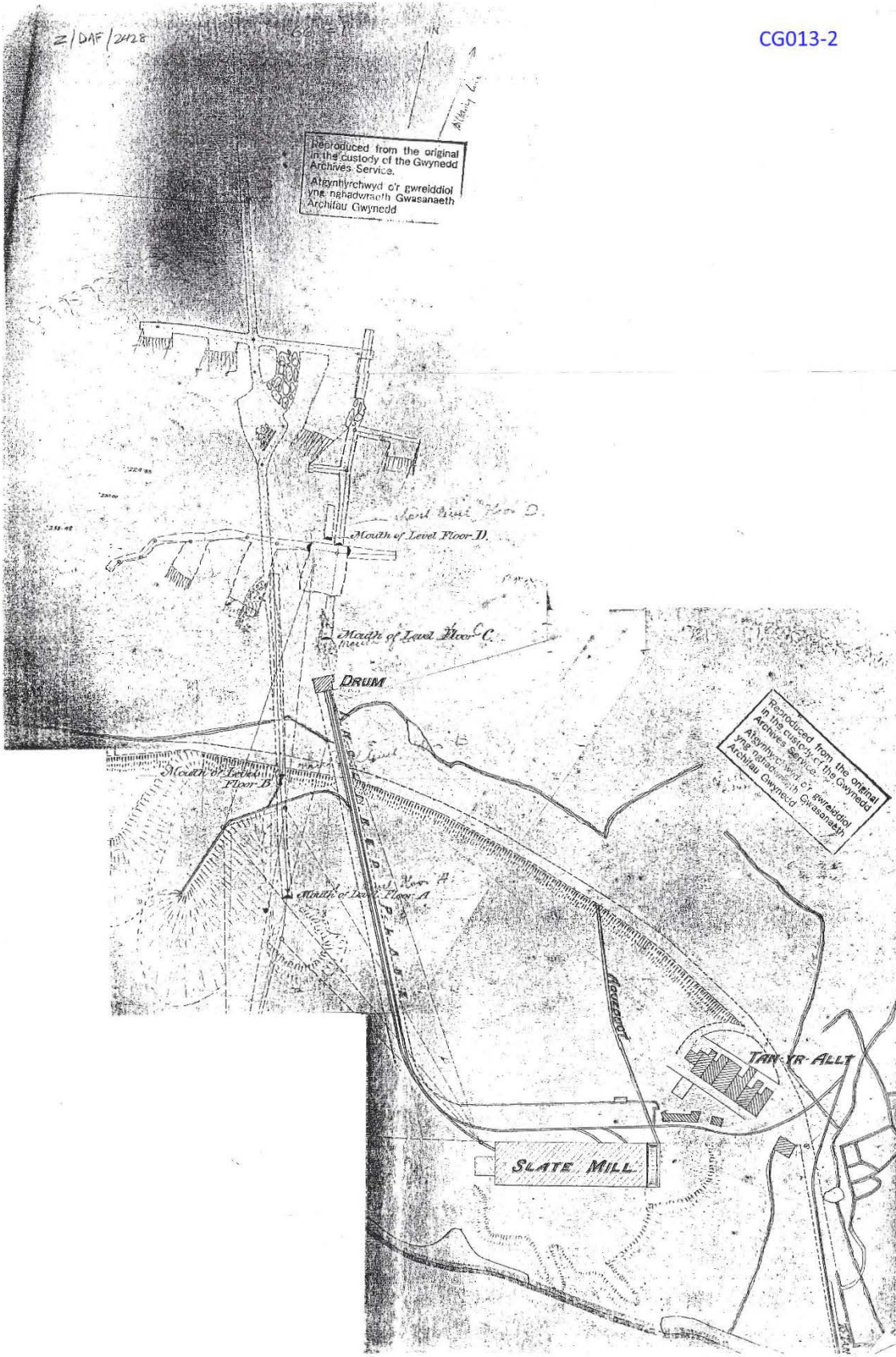
Site	Conglog Slate Quarry			Doc No	CG013-1
Subject	Underground workings				
Doc Date	1982	See also	024		
Doc Type	drawing	Grid ref	SH 668 466		
Drawing Type	plan	Scale	66' to 1 mile		
Drawing Medium	pencil	Author(s)	SH?		
Doc Material	tracing paper	Source	Plas Course		
Doc Status	incomplete	Original	Y	Doc Size	A2
Notes					

Z/DAF/2428

62-1

CG013-2

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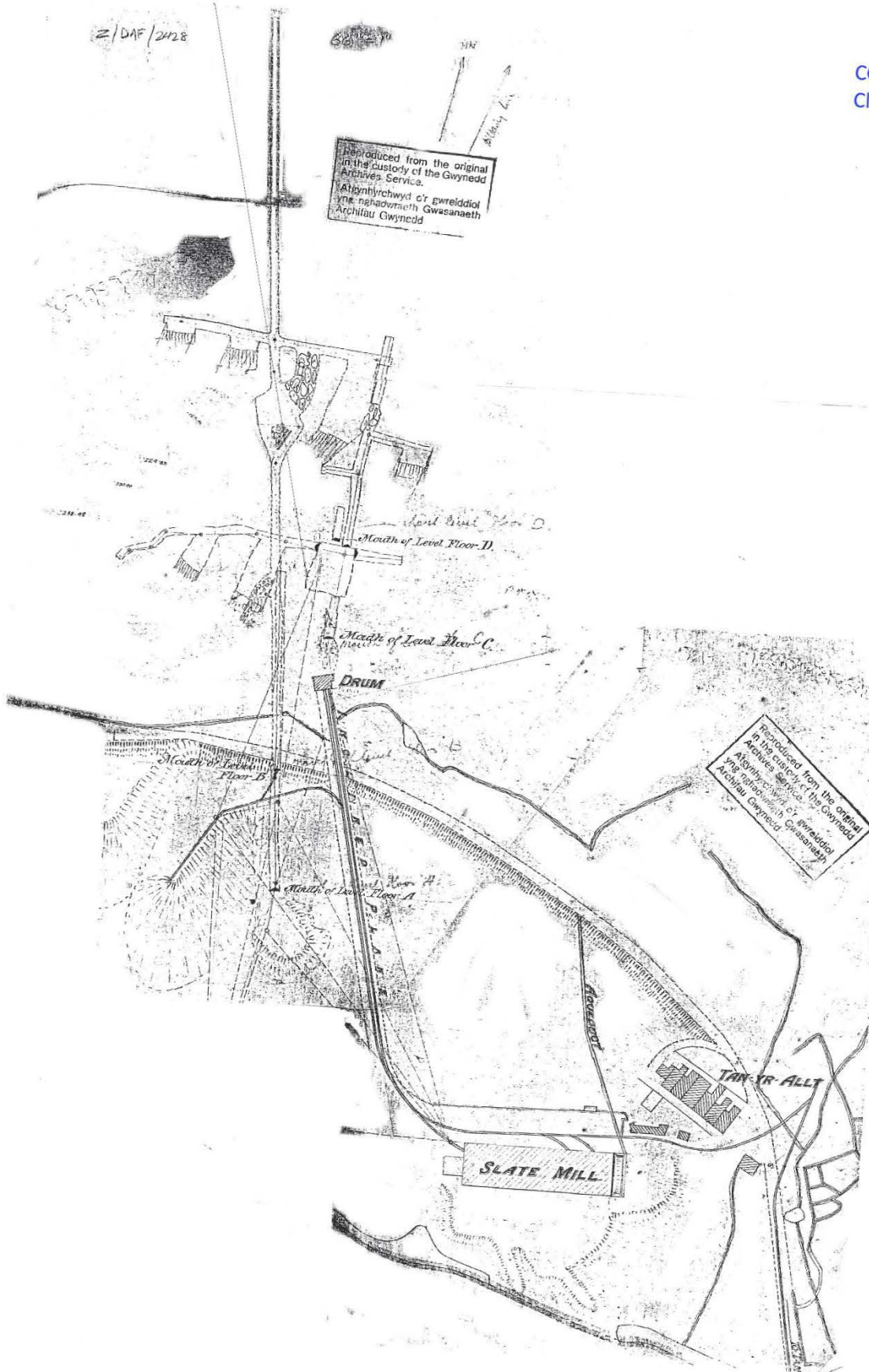
681270

HN

Allyn L.

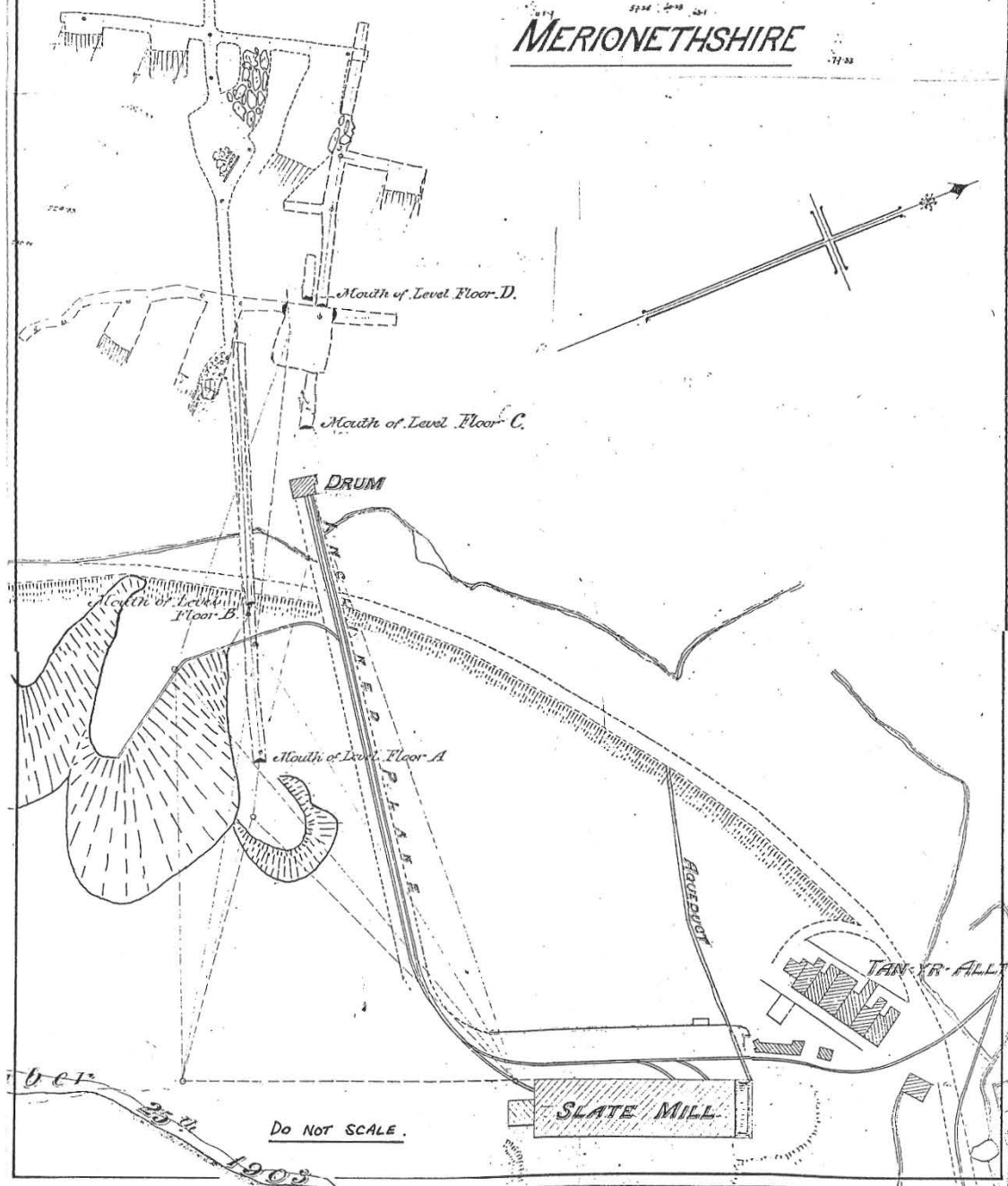
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yn nghadwraeth Gwasanaeth
Archifau Gwynedd

CG013-2
Cleaned up



Site	Conglog Slate Quarry		Doc No	CG013-3
Subject	Underground workings, Glyn Festiniog			
Doc Date	1903	See also	024	
Doc Type	drawing	Grid ref	SH 668 466	
Drawing Type	plan	Scale		
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A3	
Notes				

CG013-3



Site	Conglog Slate Quarry		Doc No	CG013-4
Subject	Underground workings			
Doc Date	2005	See also	024	
Doc Type	report	Grid ref	SH 668 466	
Drawing Type		Scale		
Drawing Medium	comp prints	Author(s)	JDK	
Doc Material	paper	Source	private survey	
Doc Status	complete	Original	Doc Size	A4, 10pg
Notes	includes coloured plans			

Conglog Slate Mine

Cwmorthin, Blaenau Ffestiniog

By Jon Knowles (Rev.1 March 2006)

This report is based on underground survey work undertaken by members of the Cumbria Amenity Trust Mining History Society in 2002/3. The members involved were John Aird, Chris Cowdery, Mark Waite, John Ashby and the leader was Jon Knowles.



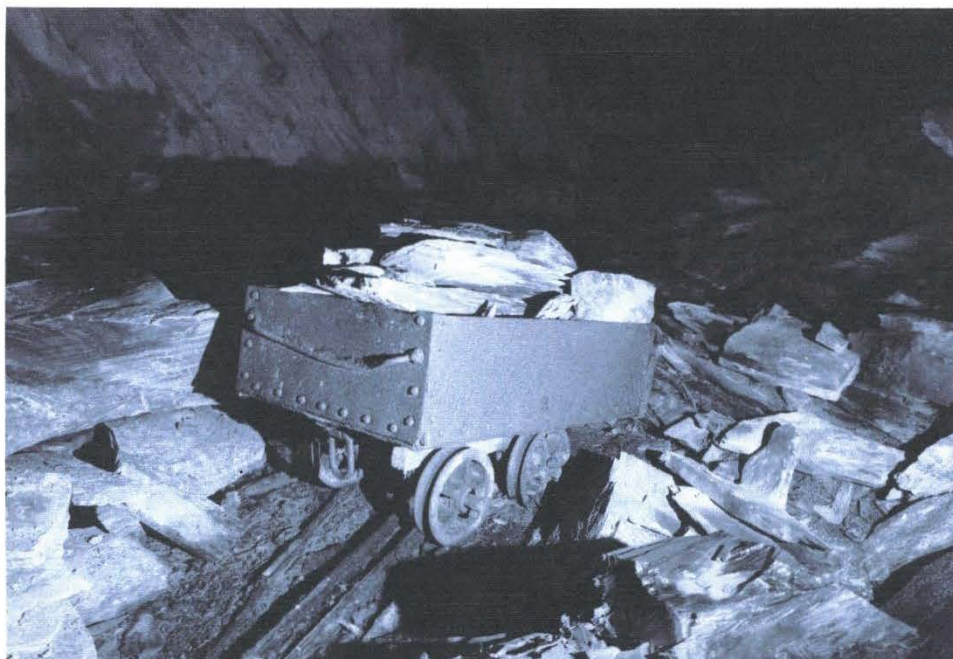
Photograph 1. A General View of the Site in August 2005. The track rising Cwmorthin to Rhosydd cuts through the tip from floor C whilst the tips from floors B and A can be seen below. On the hillside above are the open chambers C1, C2, C3 and C5.

When reading this description reference needs to be made to the "Plan of The Glyn Ffestiniog Slate and Slab Quarry in the Parish of Ffestiniog Merionethshire" dated October 25th 1903. Three copies of which have been hand coloured by the undersigned to show the extent of the working. Four floors are shown as having been worked lettered A to D in ascending order.

Floor A. This is a blind trial 105m on a bearing of 131 degrees. Drill holes indicate it was driven by compressed air.

Floor B. This is the only significant underground work. The adit is 249 m long from its mouth to a blind heading. Slate has been worked in two veins. 56m from the mouth a small chamber (B1) has been developed to the South. At this

point there are a set of spoon points and the fallen remains of a tripod crane.



Photograph 2. Loaded rubbish wagon in chamber B6.

After a further 40m it is necessary to squeeze past a rock fall to enter a large chamber (B4) into which water falls from the darkness above. From this point onwards rail track is in situ. This chamber is 14.5 m wide and connects with the surface in two further ways:-

1. A small roofing shaft, which is partly slabbed over on the surface, breaks into the top of the chamber. This was descended and where it breaks into the chamber it is 30 m above the floor.
2. On the southern side a low entranced tunnel on the surface breaks into the side of the chamber and it is from here that the water falls. This tunnel was driven from the chamber out to day so is clearly a roofing or ventilation shaft. This is on approximately the Floor D Horizon.

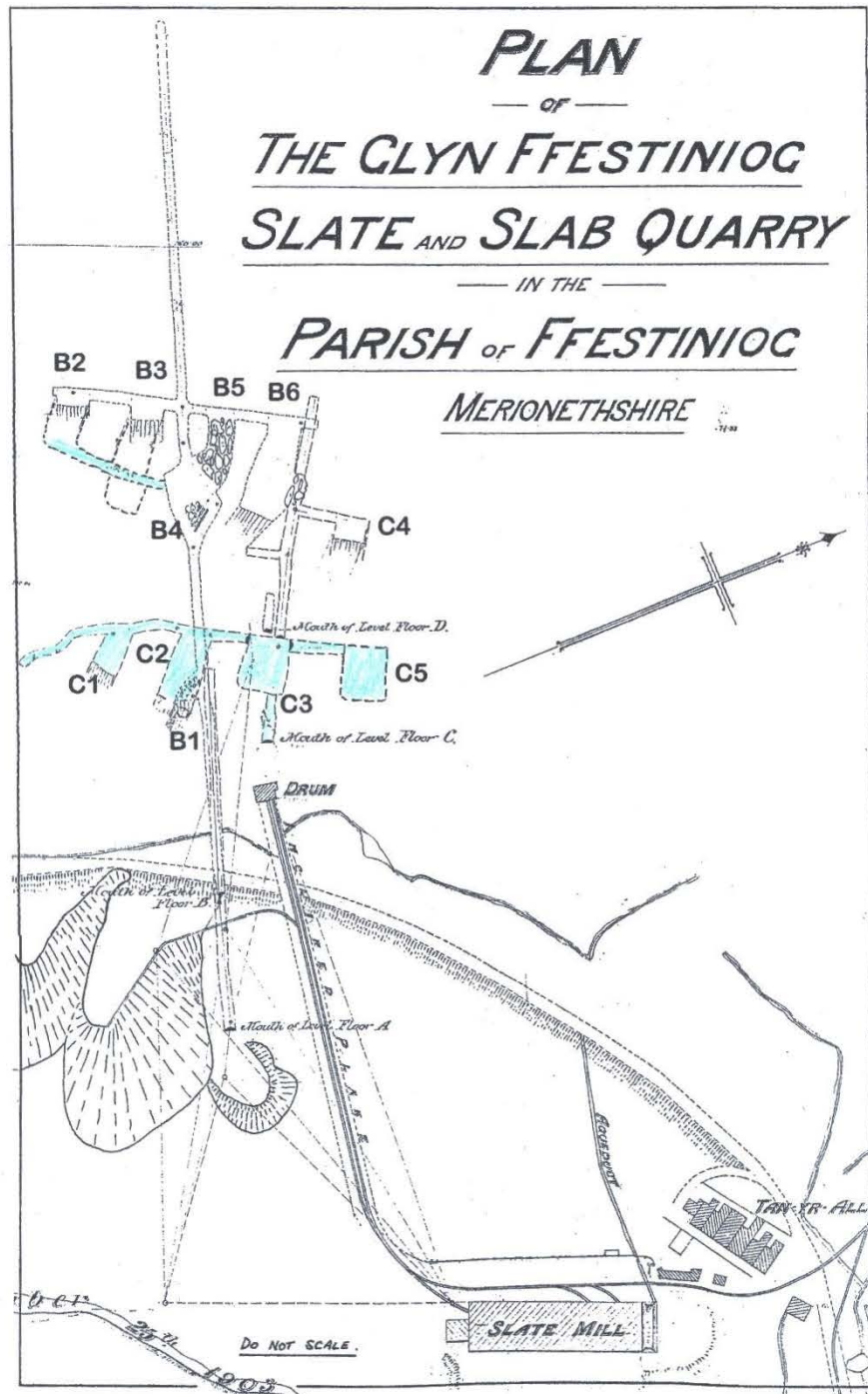
Returning to the floor and continuing inbye a cross-cut gives access to four further chambers (B2, B3, B5 & B6) although one (B5) is a continuation of the main chamber (B4). Only the second chamber to the north (B6) is significant and this rises past floor C. It contains a slab wagon (Photograph 3) and a full rubbish wagon (Photograph 2) together with the fallen remains of a tripod crane (Photograph 4). Ascending this chamber gave access to floor C where a fine jumper was found. From here it would be possible to exit into C3 although it would be a squeeze between fallen rocks. From the extant remains it is assumed that B6 was the last chamber in production.



Plan of Floor A



Plan of Floor B



Plan of Floors C and D



Photograph 3. Slab wagon in chamber B6.

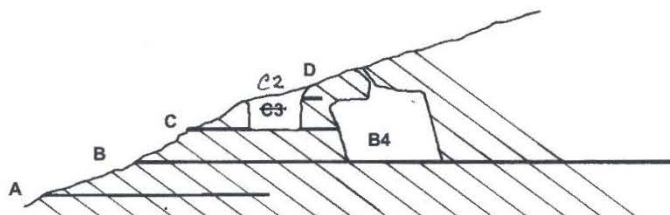


Photograph 4. Fallen tripod crane in chamber B6.

The first chamber to the south of the level (B3) was also ascended and a tunnel connects the top of chambers B2 and B3 with the main chamber B4. This is assumed to be on the floor C horizon.

The depth of water in Floor B adit varies with the weather and it is often waist deep but once beyond chamber B1 it is dry.

Simplified Section - Approximately on a Vertical Axis Along Floor B



Not to scale

Drawn J. Knowles 01.03.2006

Floor C. The adit is accessed from the top of the incline and is immediately run in. Climbing the hillside it is possible to rope down into either C1 or C2 and explore from there.

Chambers C1, C2, C3 and C5 are all open to day.

The inbye extension of the floor C adit has been cut by chamber B6 and can be seen but has not yet been entered. The entrance to Chamber C4 was not seen. Both of these points could be bolted up to.

Chamber C5 is not shown on the original 1903 although a tunnel has been driven towards it. However it does exist and is shown on the 1919 OS map so it is assumed that this chamber was developed between 1903 and 1919.

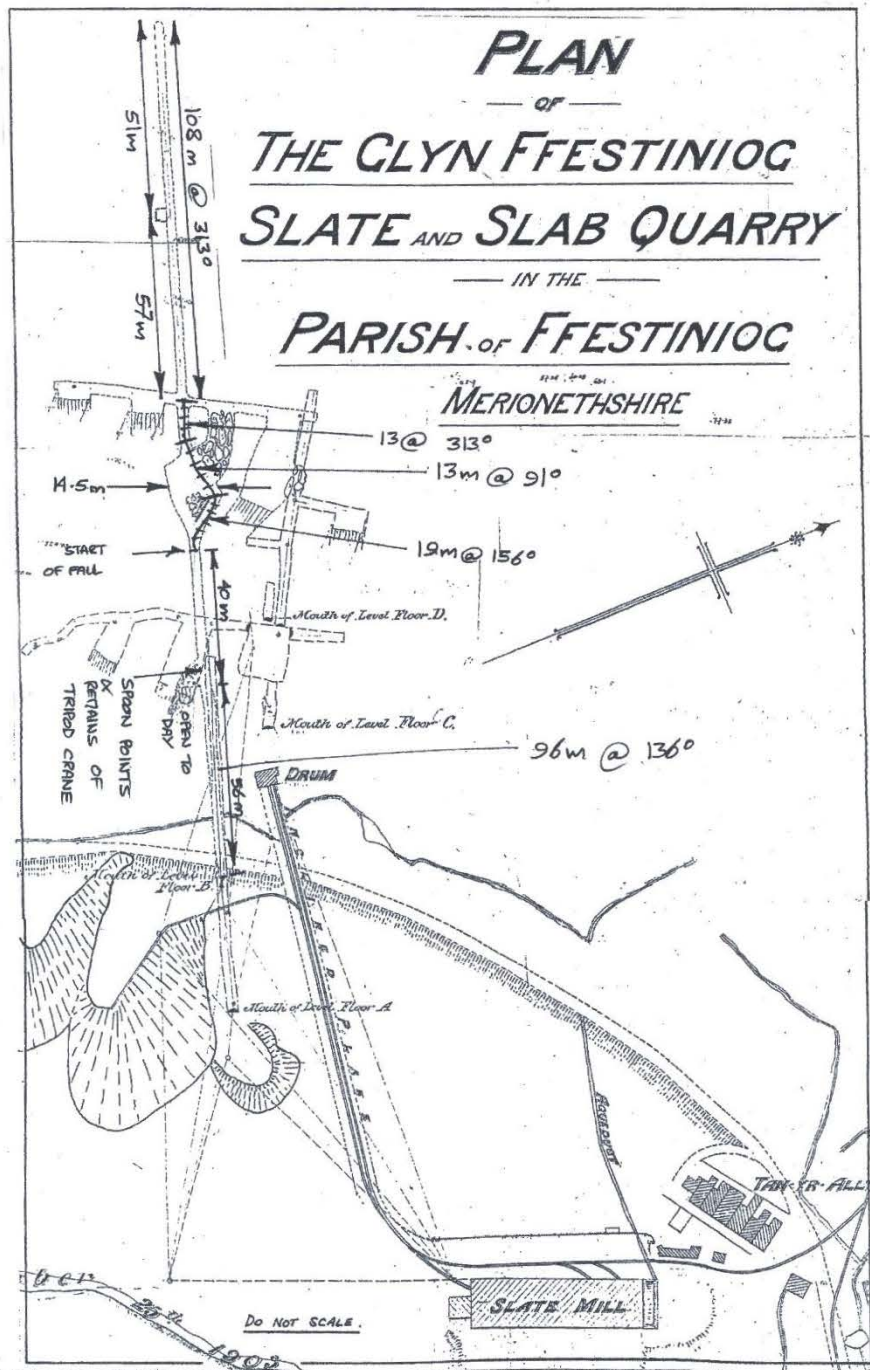
Floor D. This floor is assumed to the blocked tunnel which can be seen in the face of open chamber C3.

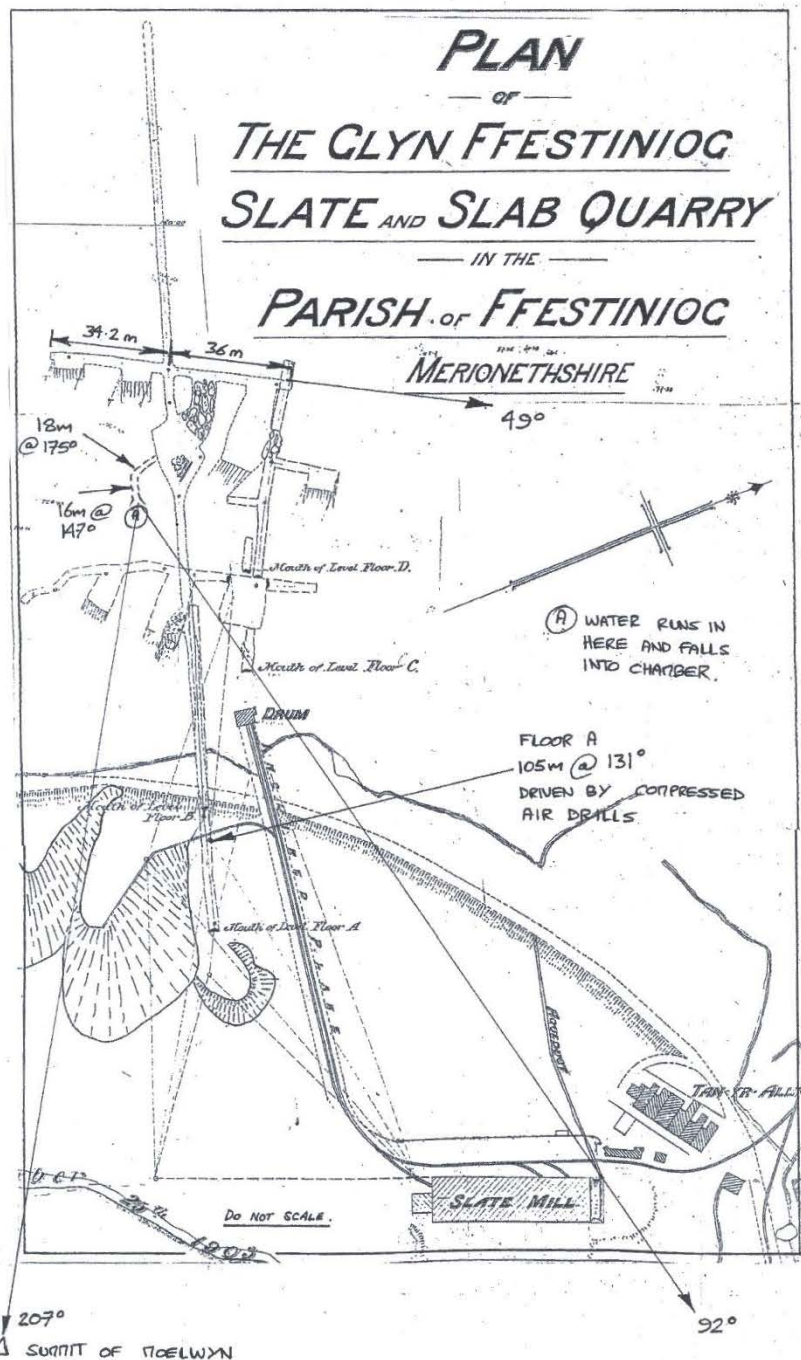
Note the bearings taken on the recent survey seem very different from those shown on the 1903 plan. For example the Floor B was recorded as being on a bearing of 313 - 316 degrees whilst the plan gives 288 degrees. Checking fixed features such as the mill against current mapping, it appears that the north shown on the 1903 plan is incorrect. Assuming that magnetic, rather than grid, north is shown this may account for 15 degrees of the difference but certainly not all of it.

Jon Knowles
March 2006

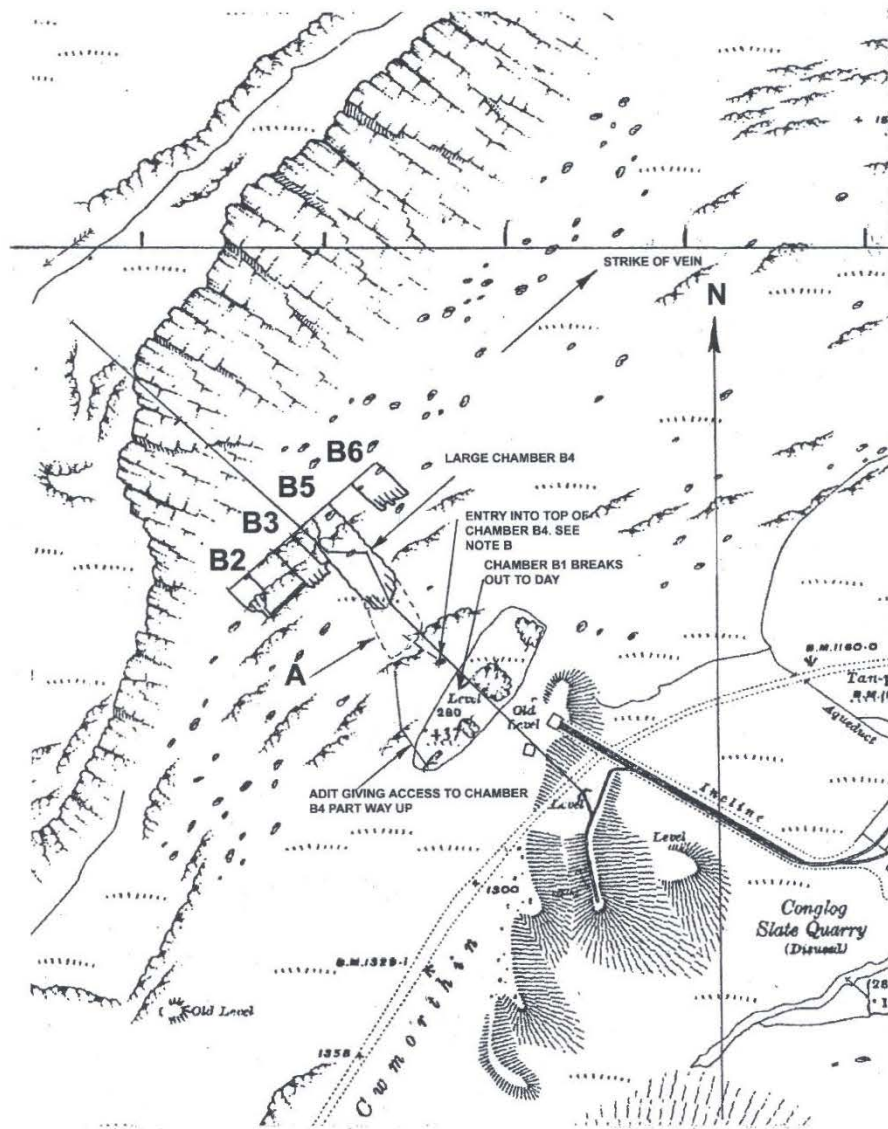
The raw survey data is attached. Note that dimensions and angles are not to scale.

Thanks go to John Aird, John Ashby, Chis Cowdery and Mark Waite, since without them the exploration would not have been possible, and also to Celia Hancock for providing a copy of the plan.





Note that in the above the bearing at 92° is to the NW corner of the mill.



A = Approximate outline of chamber B4 at roof.

B = Roofing shaft opens into top of chamber from where there is a 30m vertical drop to the floor. Minimum 50m rope required.

Surveyed 26.10.02 by JK, CC, JA & JA. Drawn 04.11.02 by JK. Further surveyed 09.02.03 by CC, JA, MW & JK. Additions to drawing 13.03.03 by JK.

Mark Up on 1919 25" OS Map

Site	Conglog Slate Quarry			Doc No	CG014-1
Subject	Underground, lower trial adit				
Doc Date	1982	See also			
Doc Type	drawing	Grid ref	SH 667 465		
Drawing Type	plan	Scale	1" to 10'		
Drawing Medium	pencil	Author(s)	JSP		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original	Y	Doc Size	A4
Notes					

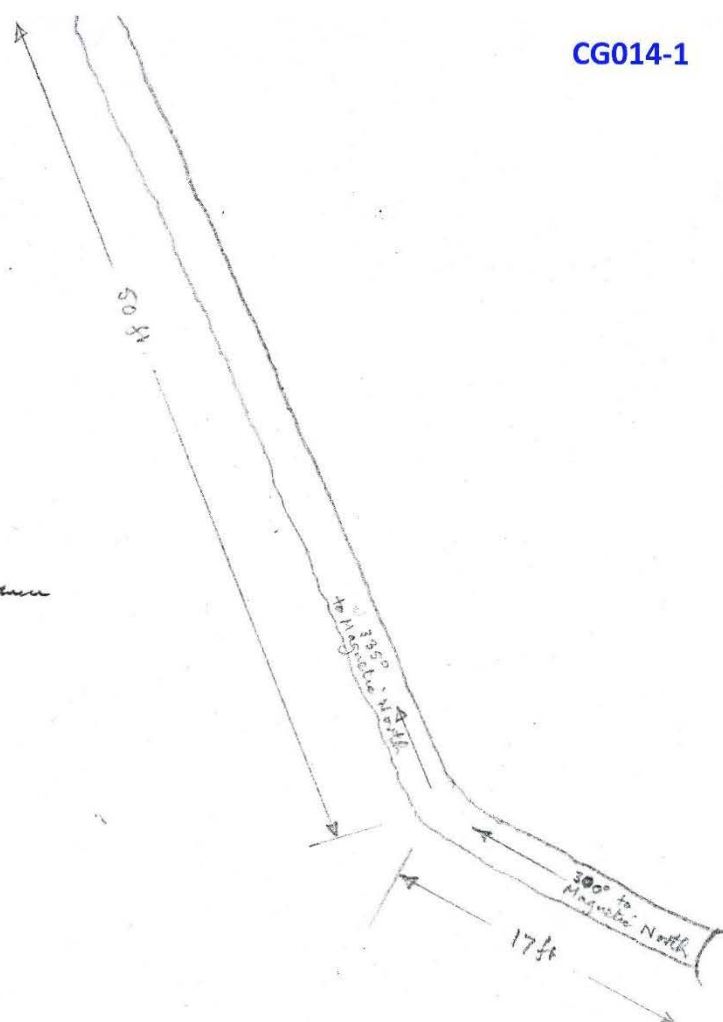
CONGLOG

PLAN OF LOWER TRIAL ADIT

2.67 feet long

12 AUG 82

Upper trial adit collapsed or entrance



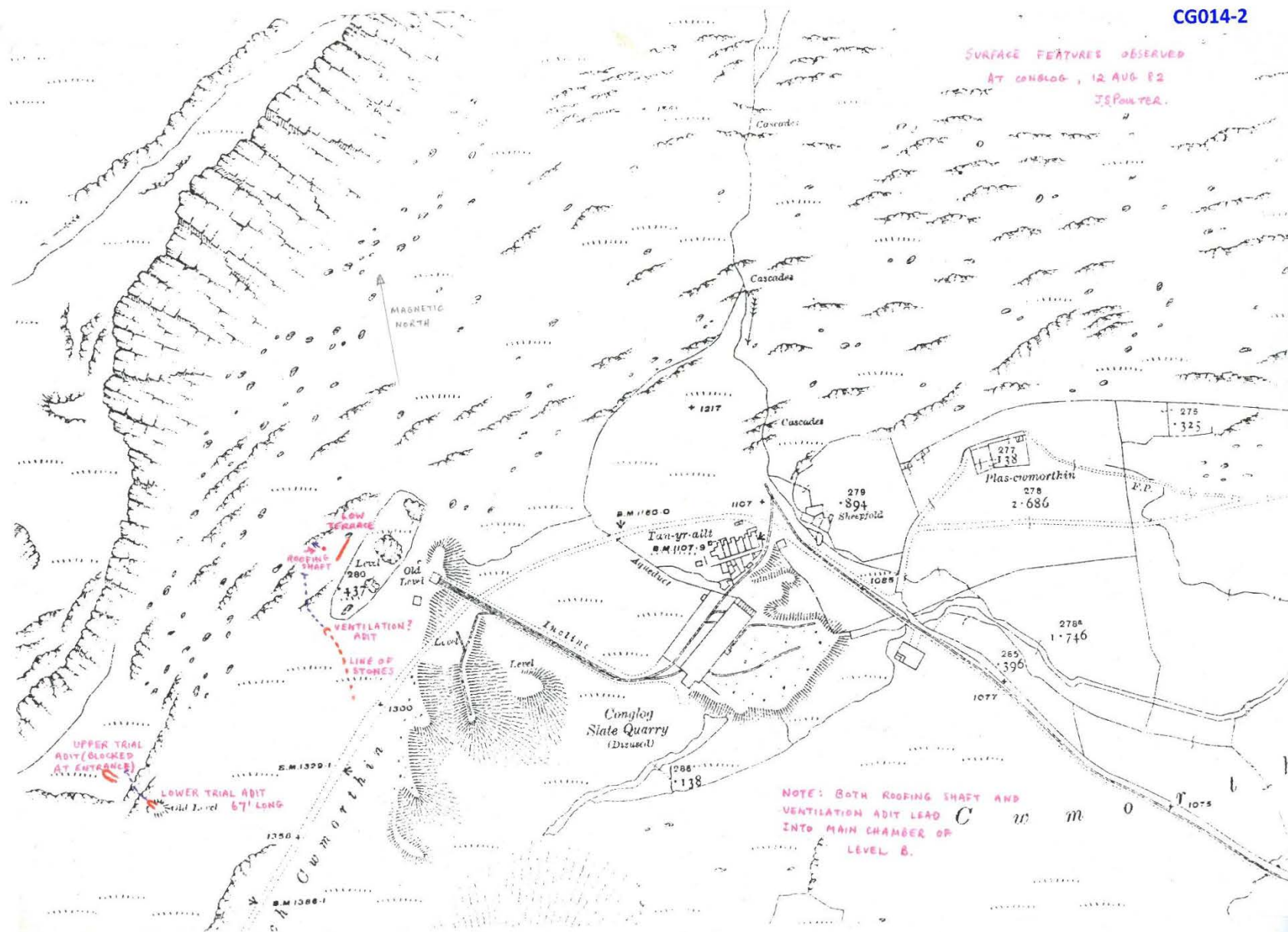
LEVEL A ADIT PAVED OUT AT 135 PAGES, DEAD STRAIGHT,

APPROX. CONFIRMING MAPPED LENGTH OF 110 YDS

Site	Conglog Slate Quarry			Doc No	CG014-2
Subject	Surface Features				
Doc Date	1982	See also			
Doc Type	map	Grid ref	SH 668 466		
Drawing Type	annotation	Scale	25" to 1 mile		
Drawing Medium	photocopy	Author(s)	JSP		
Doc Material	paper	Source	Plas Course		
Doc Status	complete	Original	Y	Doc Size	A4
Notes					

CG014-2

SURFACE FEATURES OBSERVED
AT CONBLOG, 12 AUG 82
JSPOLTER.



Site	Conglog Slate Quarry		Doc No	CG015
Subject	Price list for slates			
Doc Date	1906	See also		
Doc Type	reference	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4, 2pg	
Notes				

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January 1st, 1906.

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5d.	5 ½ d.	6 ½ d.	7d.	7 ½ d.	8d.	8 ½ d.	10d.

Lot 2, 12ft. to 24ft. super—

½ in.	¾ in.	1 in.	1 ¼ in.	1 ½ in.	1 ¾ in.	2 in.	2 ½ in.
6d.	7d.	8 ½ d.	9 ½ d.	10 ½ d.	11 ½ d.	12 ½ d.	14 ½ d.

Lot 3, 25ft. to 36ft. super—

¾ in.	1 in.	1 ¼ in.	1 ½ in.	1 ¾ in.	2 in.	2 ½ in.
9d.	10d.	11 ½ d.	12 ½ d.	14d.	15d.	17d.

*The following number of superficial feet of
Slabs is computed to weigh 1 Ton:—*

½ in.	¾ in.	1 in.	1 ¼ in.	1 ½ in.	1 ¾ in.	2 in.	2 ½ in.
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		Computed Weight.		Price per M. of 1,200.	Price per M. of 1,200.		Computed Weight.			Price per M. of 1,200.	Computed Weight	Price per M. of 1,200.									
Ins.	Ins.	t.	c.	q.	£	s.	d.	£	s.	d.	sq. yds.	Ins.	Ins.	t.	c.	q.	£	s.	d.		
24 by 14	3	5	0		16	5	0	14	0	0	136	24 by 14	4	0	0		11	5	0		
24 „ 12	2	15	0		14	5	0	12	17	6	116	24 „ 12	3	10	0		9	15	0		
22 „ 12	2	10	0		11	17	6	10	5	0	105	22 „ 12	3	5	0		8	15	0		
22 „ 11	2	5	0		10	17	6	9	10	0	97	22 „ 11	3	0	0		8	5	0		
20 „ 10	1	15	0		8	2	6	7	15	0	78	20 „ 10	2	7	2		6	7	6		
18 „ 10	1	12	2		6	15	0	6	5	0	69	18 „ 10	2	2	2		5	2	6		
18 „ 9	1	7	2		6	0	0	5	12	6	62	18 „ 9	1	17	2		4	7	6		
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16 „ 9	1	5	0		4	17	6	4	12	6	54	16 „ 9	1	12	2		3	15	0		
16 „ 8	1	2	2		4	2	6	4	0	0	48	16 „ 8	1	10	0		3	5	0		
14 „ 12	1	10	0		5	10	0	5	0	0	60	14 „ 12	1	17	2		4	5	0		
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14 „ 7	0	17	2		2	17	6	2	10	0	36	14 „ 7	1	2	2		2	2	6		
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13 „ 7	0	15	0		2	15	0	2	5	0	32	13 „ 7	1	0	0		1	17	6		
12 „ 10	1	0	0		3	7	6	3	0	0	40	12 „ 10	1	5	0		2	10	0		
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12 „ 6	0	14	0		1	15	0	1	10	0	25	12 „ 6	0	17	2		1	7	6		
10 „ 8	0	15	0		1	15	0	1	10	0	26	10 „ 8	0	17	2		1	7	6		
10 „ 6	0	12	2		1	0	0	0	17	6	20	10 „ 6	0	15	0		0	15	0		
													Dimensions.		Third Quality (Damp Course).						
													Inches.	Inches.		t.	c.	q.	£	s.	d.
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													20 „ 10	2	0	0			7	5	0
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													6 „ 9	0	12	2			0	16	0

Site	Conglog Slate Quarry		Doc No	CG016-1
Subject	Sale advertisement, in newspaper			
Doc Date	1891	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	CRO XD8/4/1236			

XD8/4/1236

1891

IN the County Court of Devonshire, holden at East Stonehouse.—In the matter of the Companies Acts 1862 to 1890, and in the matter of The New Conglog Slate and Slab Company (Limited).—No. 4 of 1891.—To be SOLD by TENDER, the Valuable Interest of the above Company in the well-known leasehold Slate and Slab Quarries of Conglog and Glyn Festiniog, situate in the County of Merionethshire, and distant about three miles from Blaenau Festiniog, the terminus of the L. and N.W.R. the G.W.R. and the narrow gauge from Portmadoc, the nearest station of the narrow gauge being about one and a half miles from the property, together with the plant, machinery, and effects, as specified in the schedule hereto. The property covers an area of about 350 acres, held under an agreement for a lease for 21 years, from 25th March, 1889. The dead rent is £50 per annum, merging into a royalty of 2s. per ton on sales. It has been worked for about seven years, and a very large sum has been expended in driving tunnels, opening out the quarry, and constructing tramways and providing the necessary plant and appliances for the efficient working of the Quarries. The Rock formation is Silurian. Slates are produced of strong and lasting quality. The speciality is the production of slabs from 8ft. to 10ft. long and 2ft. to 3ft. 6in. wide, which command a ready sale at good prices, and are used chiefly for hearth and tombstones, chimney-pieces, mantel-shelves, and ornamental purposes. The supply of water for driving machinery is abundant. Three cross-cut tunnels have been driven into the Slate Rock—No. 1, 76yds.; No. 2, 197yds.; and No. 3, 120yds.; about 7ft. high by 6ft. wide. A ventilating shaft has been put through from the surface to No. 2, and in levels driven in Nos. 1 and 2 four chambers have been opened. The produce is carried down by an incline to the planing and sawing house, which is fitted with machinery driven by a 30ft. diameter wheel 4ft. breast. The Company has the right of way over about half a mile and two inclines belonging to the New Welsh Slate Company, for which a royalty of one-fiftieth is payable. The cost of carriage to the L. and N.W.R. and the G.W.R. is 1s. 1d. per ton, including cost of loading and unloading; and the cost to Portmadoc is 2s. 7½d. per ton, carriage and loading; and from Minfordd Junction the Cambrian Railway Company grant a rebate of 1s. per ton. The veins of the "Lord Palmerston" Quarries, which have been making very large profits, are believed to pass through the property now offered for sale.

The Vendor does not bind himself to accept the highest or any of the tenders received. Tenders must be sent to the undersigned Liquidator on or before the 14th day of December, 1891.

For Forms and conditions of Tender, and further particulars, apply to Mr. J. K. ROWE, the Manager of the Quarries, Glastyn Villa, Penrhyndendrach, N. Wales; or to

Mr. THOMAS WOLFERSTAN,

Solicitor, Princess-square, Plymouth;

Messrs. PAIGE and GREYLLS,

Solicitors, Bedruth, Cornwall; or to

Mr. F. W. DAWE, C.A. (the Liquidator),

The Wilts and Dorset Bank Chambers, Plymouth.

THE SCHEDULE.

Water wheel, 30 feet diameter, 4 feet wide, with 150 feet shafting and pulleys, complete; 2 planing machine dressers, one full size, one small handy; 8 sawing tables, full size, complete; 1 iron slate dressing machine, 1 saw sharpening machine, 1 iron turn table, 1 travelling crane, damaged; 2 three-leg cranes for inside work, 1 weighing-bridge, 6 trollies (and 1 broken) wheels, complete; 10 rubbish wagons, 5 of which are damaged; 2 incline drums, 1 with wheel break good; about one and-half miles of railway, double rail with sleepers and chairs, say 50 tons, including 2 inclines, 4 incline wire ropes, steel hooks, &c.; 1 massive iron block, with brass wheels, 1 dressing bench for squaring slates, 80 yards of wooden water troughs, 2 feet wide, nearly new; 1 grind stone, 30 in. diam.; 1 smith's vice, several turnout plates, 1 ladder, 2 wooden hammers for loading slabs, 1 wooden lever, 18 feet long; 3 wooden oak crane legs, 6 beltings, about 30 feet long; 4 oil cans, 1 oil bottle, 1 wheelbarrow, several quarry chains, hooks, &c., 74 old saws, 253 old files, a quantity of old iron, &c.

OFFICE UTENSILS.—Writing desk, containing 3 drawers and 2 cupboards, 1 letter press, stool, and small table, 1 chair, spirit level, 1 tape measure, capacious machine house, 150 feet long by 40 feet wide, oil cask, containing small quantity of oil; about 10 tons slate and slabs.

Site	Conglog Slate Quarry		Doc No	CG016-2
Subject	Plant, list, in sale advertisement			
Doc Date	1891	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	CH	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	CRO XD8/4/1236			

List of Plant as quoted in newspaper advert, 1891

Water wheel, 30 feet diameter, 4 feet wide, with 150 feet shafting and pulleys, complete:
2 planing machine dressers, one full size, one small handy:
8 sawing tables, full size, complete:
1 iron slate dressing machine
1 saw sharpening machine
1 iron turntable
1 travelling crane, damaged
2 three-leg cranes for inside work
1 weighbridge
6 trollies (and 1 broken) wheels, complete
10 rubbish wagons, 5 of which are damaged
2 incline drums, 1 with wheel break good
about one and a half miles of railways, double rail with sleepers and chairs, say 50 tons, including 2
inlines, 4 incline wire ropes, steel hooks &c
1 massive iron block with brass wheels
1 dressing bench for squaring slates
80yds of wooden water troughs 2 feet wide, nearly new
1 grind stone, 30" diam
1 smith's vice
several turnout plates
1 ladder
2 wooden hammers for loading slabs
1 wooden lever, 18 feet long
3 wooden oak crane legs
6 beltings, about 300 feet long
4 oil cans
1 oil bottle
oil cask containing small quantity of oil
1 wheelbarrow
several quarry chains, hooks &c
74 old saws
258 old files
a quantity of old iron &c

capacious machine house, 150 feet long by 40 feet wide
about 10 tons slate and slabs

OFFICE UTENSILS

Writing desk, containing 3 drawers and 2 cupboards
1 letter press
stool and small table
1 chair
spirit level
1 tape measure

Site	Conglog Slate Quarry		Doc No	CG016-3
Subject	Plant, list and valuation			
Doc Date	1892	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	CRO XD8/4/1237			

24 June 1892

CG016-3

XD 8/4/1237

Conglog Quarry

List & Valuation of Plants

	£	s	d
1 Drum & ropes on the incline at Quarry	10	-	-
7 old iron waggon & 5 wooden trucks	6	10	-
2 Planing tables - - -	✓ 25	-	-
8 Sawing tables - - -	✓ 120	-	-
1 Dressing machine - - -	✓ 8	-	-
1 Sharping machine - - -	1	-	-
about 50 yards shafting - -	✓ 15	-	-
Pistols (Brass)	4	-	-
8 Pulleys 80/- 2 to 30/- - -	5	10	-
1 Traveling Crane - - -	✓ 2	-	-
Flags in Shed - - -	-	10	-
1 grind stone	✓ -	10	-
Part of weighing machine	-	2	-
Water wheel 30 ft - - -	✓ 40	-	-
wooden troughs - - -	✓ 2	-	-
single rails at Quarry about 2,000 yds ^{ton}	✓ 25	-	-
Rail road from Conglog to Cwmorthin	-	-	-
Quarry (single rails) about 2,700 yds ^{ton}	✓ 32	-	-
small winches (Cranes)	✓ 3	-	-
	£ 300	2	0
Incline by Cwmorthin Quarry			
single rails about 300 yds ^{3 1/4 ton}	✓ 5	-	-
To Drum & rope	✓ 8	-	-
	£ 3	2	0

Site	Conglog Slate Quarry		Doc No	CG017
Subject	Owners and agents			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

Owners

Robert Roberts 1854-72 *trading as Conglog Slab Co 1866*
 W.M.B.Kempe and T.M.Matthews 1872-3
 Conglog Slate & Slab Co Ltd 1873-51
 New Conglog Slate & Slab Co Ltd 1882-91
 R.R.H.Lockhart Ross trading as Glyn Festiniog Quarry 1894-1900
 Glyn Festiniog Slate Co 1900-09?

Agents

Joseph Kellow 1873-4
 John Edwards 1874-76
 J.Kellow Rowe by 1883-90
 Ellis Pritchard by 1897-1901
 Cadwaladr Roberts 1902-

Leases

2 Jan 1854 takenote WOG and MJOG to Roberts and Williams
 9 Aug 1855 ditto
 Mar 1863 ditto
 26 Mar 1866 takenote MJOG to Roberts
 14 Apl 1868 lease MJOG to Roberts 21 years
 6 Nov 1871 adjusting agreement re boundaries
 24 Mar 1872 lease Roberts to Kempe and Matthews of W half
 20 Apl 1874 lease Roberts to Kempe and Sims of E half
 14 Feb 1882 assignment of whole to Gillow and Betteley
 15 Dec 1895 lease Harlech to Ross 21 years, surrendered 2 Apl 1903
 17 Nov 1874 wayleave Cwmorthin to Conglog 21 years
 25 June 1896 wayleave Cwmorthin to Ross 7 years renewable

Site	Conglog Slate Quarry		Doc No	CG018 -1
Subject	Companies			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4, 2 pg	
Notes	research from ROs etc			

PRO BT31 1830/7119

Conglog Slate & Slab Co Ltd

Reg. 27 Mar 1873. To purchase lease of mines on Cwmorthin Ucha etc.

Cap. £40,000 in £10 shares.

First directors Wm Criper, Tavistock, merchant

Thos M. Matthews, Brent, Devon, gent

Wm H.B. Kempe, Brent, Devon, gent

Geo Braginton, Plymouth, gent

Thos B. Laws, London, mining secretary

John F. Penrose, Redruth, assaymaster

Thos Horswill, Tavistock, accountant

Agreement 21 Nov 1872: Kempe and Matthews to sell to Horswill as trustee for coy interest under lease of 24 Mar 1872 by Robert Roberts to Kempe and Matthews in slate etc under Cwmorthin Ucha and plant and machinery thereon, for £25,000 in cash before 1 Apl 1873, vendors to take 2000 shares in coy. Any difference over who shall pay outgoings to be arbitrated by Wm Williams, consulting manager of Welsh Slate Quarries.

Reg. Office 28 Cornhill, London, moved to Plymouth Oct 1873.

Shares 7 Aug 1873 held by (total 2800):

Criper 45

Matthews 5

Kempe 5

Braginton 5

Laws 5

Penrose 50

Horswill 5

Rev Herbert Frere, Bungay, 50

R.G.M. Macdonald, Dorset, 10

W.A. Gillow, Torquay, doctor, 100

E. Betteley, Plymouth, accountant, 200

Kempe & Matthews together 1625 (having sold 375 to Kellow on 2 Aug)

H.S. Dyer, Plymouth, paymaster RN, 10

Chas Leigh, Stonehouse, banker, 300

R. Criper, London, merchant, 10

Joseph Kellow, 2 Park Rd, Portmadoc, quarry engineer, 375

Shares 20 Apl 1878: major holders (4000 taken, £38,845 paid up):

Kempe 222, Penrose 75, Frere 150, Gillow 178, Betteley 463,

Leigh 90, R. Criper 103

G. Prout, Tavistock, ironfounder 120

Sir Archibald Douglas Stewart, bart, London, 110

Gillow and Penrose together 115

Rev G.J. Dunn, Coalville, 400

Rev F. Krisopp (?), Hexham, 100

Rev A.W. Dolman, London, 154

A. Rambeaux, Torquay, 305

Rev C.T. Dunn, Coalville, 200

Miss M.L. Gollop, Darlington, 200

No Kellow, no Matthews. Some small shareholders like rly guards

EGM 11 Apl 1881 resolved to wind up being unable because of liabilities to continue in business. Thos Horswill sec and liquidator.

PRO BT31 2959/16586

New Conglog Slate & Slab Co Ltd

Reg. 28 Mar 1882. To purchase from Wm A. Gillow and E. Betteley ~~mf~~ residue of lease of 24 Mar 1872 and residue of lease of 17 Nov 1874 "whereunder a certain wayleave and rights of laying and using a Railway and other liberties was granted by the Cwmorthin Slate Co Ltd to the Conglog Slate & Slab Co Ltd". Effects of CS&SCo purchased from liquidator by Gillow and Betteley.

Cap. £2000 in £25 shares.

Subscribers Gillow

Penrose

Edward T. Carlyon, Truro, solr

Stephen Nosworthy, Tavistock, bank manager

Thos Horswill, Plymouth, sec of mining coys

Geo Jackson, Plymouth, doctor

Braginton

Reg. Office Plymouth

May 1882 65 shares sold: much as subscribers plus some from previous coy like Rambeaux and Dunn.

NGM 5 Dec 1883 resolved to raise £2000 by debenture.

By 1885 all 80 shares sold

EGM 12 Nov 1885 resolved to wind up voluntarily and form new coy with capital of £10,000 in £5 shares. But no record of anything such done until 1891 wound up by court order, but not removed from list till 1911. J.J. Rowe liquidator.

BT34 295/16586

Liquidators' accounts, begin 17 July 1891.

Advert sale of quarry in Western Morning News, paid 9 Mar 1891.

do Western Daily Mercury, paid 21 Apr 1891

Stock in trade and machinery estimated at £200; assets £2011, liabilities £3621.

Dwindling accounts for several years, inc 15 Aug 1894 (first mention)

"New Welsh Slate Co, Rent of Track line £1.4.5".

No Glyn Festiniog Slate & Slab Quarry Co Ltd

Site	Conglog Slate Quarry		Doc No	CG018-2
Subject	Company, New Conglog S & S Co Ltd			
Doc Date	2002	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	J Knight	
Doc Material	paper	Source	PRO	
Doc Status	Original	Doc Size	A4, 2pg	
Notes	private research BT31/2959/16586			

New Conglog Slate & Slab Company Limited

28.3.1882

Memorandum of Association : Objects for which the Company is established is the purchase from Messrs William Mostyn Gillow and Edward Betteley for the residue of the term granted by indenture of lease dated the 24th March 1872 in the mines, seams, quarries, veins and beds of slate flag and other stones, mines and minerals in and under the land known as Cwmorthin Ucha, in the parish of Festiniog, in the County of Merioneth and also the residue of the term granted by indenture of lease dated the 17th November 1874 whereunder a certain wayleave and rights of laying and using a railway and other liberties were granted by the Cwmorthin Slate Company Limited to the Conglog Slate & Slab Company Limited.

Capital is £2,000 divided into 80 shares of £25 each.

Initial subscribers : William Mostyn Gillow, John Penrose, Edward Peasbody, Stephen Nosworthy, Thomas Horswill, George Jackson and George Braginton.

Situation of Registered Office : Unicorn Street, Plymouth, Devon.

12.5.1882

Summary of Capital and Shares

Total amount of shares taken up : 65

There has been called upon each share : £12.10s

Total amount of calls paid : £687.10s

Total amount of calls unpaid : £125

Shareholders : George Braginton 5, Letitia Bradbury 1, Edward Betteley 8, Edward Carlyon 6, Robert Dunn 2, Charles Dunn 2, William Gillow 4, Thomas Horswill 2, Francis Kersopp 2, Emily Norden 1, George Jackson 1, Stephen Nosworthy 2, John Penrose 9, John Paull 2, Archibald Stuart 2, A.Ranbeaux 12, James Dunn 2, Ellen Crosfield 1 & Margaret Crosfield 1.

22.11.1883

Notice of change of situation of Registered Office : 10, Unicorn Street, Plymouth, Devon.

5.1.1884

At an extraordinary general meeting of the members of the Company duly convened and held at the offices of the Company at 10, Unicorn Street, Plymouth, in the county of Devon on the 5th day of December 1883 the following special resolution was duly passed and at a subsequent extraordinary general meeting of the said Company duly convened and held in the same place on the 3rd day of January 1884 the following special resolution was duly confirmed -

That the Directors be and are hereby empowered to raise the sum, not exceeding £2,000, by issuing debentures or bonds or by the issue of preference or guaranteed shares by such times and under such terms as the Directors may decide.

18.6.1884

Notice of change of situation of Registered Office : 20, Princess Square, Plymouth, Devon.

New Conglog Slate & Slab Company Limited

24.5.1885

Summary of Capital and Shares

Total amount of shares taken up : 80

There has been called upon on each : £25

Total amount of calls paid : £2,000

Shareholders : George Braginton 7, Letitia Bradbury 1, Edward Betteley 9, Edward Carlyon 8, Robert Dunn 2, Charles Dunn 2, William Gillow 4, Thomas Horswill 2, Francis Kersopp 2, Emily Norden 1, George Jackson 1, Stephen Nosworthy 3, John Paull 2, John Penrose 11, Archibald Stuart 2, A.Ranbeaux 12, James Dunn, Ellen Crosfield 4, Henrietta Crosfield 4 and Margaret Crosfield 1.

12.1.1886

At an extraordinary general meeting of the Conglog Slate & Slab Company Limited duly convened and held at the registered office of the Company situate at 20, Princess Square, Plymouth, in the county of Devon on the 12th day November 1885 was duly passed and at a subsequent extraordinary general meeting of the members of the Company also duly convened and held at the same place on the 10th day of December 1885 the following special resolution was duly confirmed -

1. That the New Conglog Slate & Slab Company Limited be wound up voluntarily and a liquidator be appointed for the purpose of such winding up.
2. That Mr Thomas Horswill, the present Secretary, be appointed liquidator under the controlled supervision of affairs and finances of the Company.

18.3.1909

Board of Trade, 8 Delahay Street, Westminster

I beg to inform in pursuance of the sub section 1 of section 22 of the Companies (Winding up Act) 1890 the Board of Trade have by an order dated the 13th day of March 1909 granted the release of Mr Alfred Felix Goodman as liquidator of the the above named Company.

30.5.1911

Persuant to section 242 (3) of the Companies (Consolidation) Act 1908 I hereby give you notice that at the expiration of three months from the date hereof the name of your Company will, unless cause is shown to the contrary, be struck off register and the Company dissolved.

7.11.1911

This Company was dissolved under clause 242 (5) of the Companies (Consolidation) Act 1908 by notice in the London Gazette dated 7th November 1911.

Site	Conglog Slate Quarry		Doc No	CG019-1
Subject	Output			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status		Original	Doc Size	A4
Notes	research from ROs etc			

Site	Conglog Slate Quarry		Doc No	CG019-1
Subject	Employment			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status		Original	Doc Size	A4
Notes	research from ROs etc			

Output

CG019-1

Conglog output

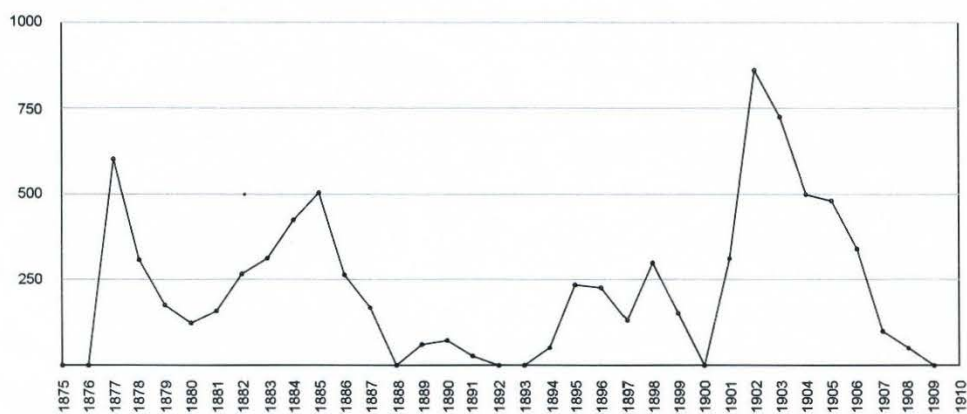
Make: Reports. Ship: JWG 58 (1860-85). Men: List of Mines and Reports.

	make	ship	men u/g	surface	total
1875	n.m.				
1876	worked				
1877	601		9	9	18
1878	308		11	18	29
1879	175		6	2	8
1880	123		7	3	10
1881	159	221	3	3	6
1882	267	-	15	5	20
1883	313	221	8	9	17
1884	425	-	16	3	19
1885	504	417	14	6	20
1886	264	70	6	5	11
1887	168	213	4	3	7
1888	n.m.	-	4	1	5
1889	61	-	3	2	5
1890	72	-	5	5	10
1891	27	-	2	2	4
1892	n.m.	-	-	-	-
1893	susp.	-	-	-	-
1894	51	-	4	12	16
1895	235	-	8	7	15
1896	226	-	10	7	17
1897	131	-	7	7	14
1898	299	-	4	5	9
1899	152	-	4	3	7
1900	-	-	-	-	-
1901	312	-	7	11	18
1902	862	-	8	11	19
1903	725	-	8	14	22
1904	500	-	5	5	10
1905	480	-	7	8	15
1906	340	-	4	4	8
1907	100	-	1	2	3
1908	50	-	1	2	3
1909	n.m.	-	1	1	2
1910-	n.m.	-	n.m.		

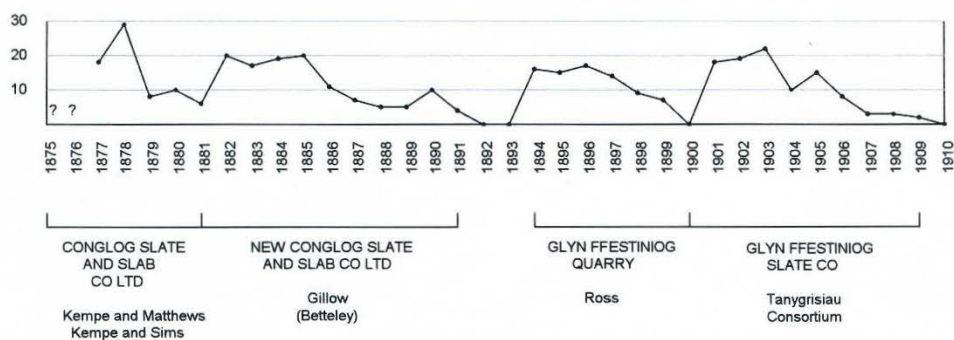
Site	Conglog Slate Quarry		Doc No	CG019-2
Subject	Output			
Doc Date	1982	See also		
Doc Type	graph	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	CH	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

Site	Conglog Slate Quarry		Doc No	CG019-2
Subject	Employment			
Doc Date	1982	See also		
Doc Type	graph	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	CH	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

PRODUCTION IN TONS



MEN EMPLOYED



Site	Conglog Slate Quarry		Doc No	CG020
Subject	Chronology			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4, 5 pg	
Notes	research from ROs etc			

1203. Takenote 2 Jan 1854 WOG and MJOG to Robert Roberts of Ffestiniog surgeon and John Williams of Ffestiniog quarryman, Bulch Cwmorthin for two years, 1/12 and £5-£7.10.0. Map as 1866.

1204. Repeat 9 Aug 1856.

NLW Longueville 1422. Edward Breeze to Longueville 31 Jan 1866, re takenote for Dr Roberts of Goglog Quarry. Takenote from Mar 1863 for 2 years. Last March you consented to obtain takenote for Roberts alone; rent etc all paid; please oblige.

1007. Takenote 26 Mar 1866 MJOG to Roberts, 2 years from 25 Mar for 1/12 and £10. Ink map xerox.✓

1006=1205. Lease 14 Apr 1868 MJOG to Roberts of Ffestiniog surgeon of all mines in part of Cwmorthin Ucha known as Bulch Cwmorthin as in plan (xerox). 2/- p ton, minimum £25, £2 p acre for tips. Plan: leased area brown except left triangle yellow. 21 years from 25 Mar 1868.

984. Letter 22 Aug 1868 Cwmorthin Slate Co Ltd, Port, F(?) C. Ball manager, to R. Roberts Esq Port. Willing to grant you right of way with leave to lay down rails through Cwmbychan (sic) for 6d p ton on all goods, and to pay our men for taking the waggons up and down our inclines to Tanygrisiau, the 6d to include use of inclines.

1013. Agreement JROG, Rhosydd Slate Co Ltd, and Roberts, 6 Nov 1871. JROG leases to Rhosydd for 21 years from 25 Mar 1871 and to Roberts 21 years from 25 Mar 1868. Disputes between Co and Roberts - same lands leased to both. Henceforth yellow land on plan (xerox), comprised in both leases, may be used for tipping jointly by Co and Roberts. Brown included in Roberts lease may be used by Co to tip, but not to interfere with Roberts mining. Co to have green land, Roberts sepia land. Co to retain cottages they built on land leased to Roberts till he shall require them. Co allowed to take water from Llyn Conglog (included in Roberts lease) upon building dam; if not sufficient for both concerns, to be raised at joint expense of Co and Roberts. Co to continue to have right to water from Llyn Clogwynbrith (included in Roberts lease) "by means of their syphon as heretofore". Roberts to have free use for workmen with or without horses and carts along road from his N boundary to Cwmorthin Co's land, he contributing proportion of cost of repair, and right to lay tramway at side of road. Roberts may lay rails from his quarry to Rhosydd tramway, Rhosydd Co conveying slate in Roberts' trucks at 8d p ton.

1014= 1206. Lease 24 Mar 1872 Roberts, Tyhantirbulch, to W.H.B. Kempe, Brent and T.M. Matthews, Brent. Consideration £900. Amended area. Roberts reserves right to build tramway from just below cottages to Rhosydd tramway without compensation to K and M. 21 years from 25 Mar 1868, 1/12 and £25 deadrent and £2 p acre for tips. Employ minimum 8 men. Form company. Map crude. W half only leased; boundary as pencilled on xerox plan from 1006.

1015. Licence 2 Oct 1872 JROG to Roberts to sublet as above.

1205. Letters Breese to Longueville. 8 July 1872. Roberts made arrangements "for the immediate working on a large scale of the best portion of the grounds granted to him at Conglog". To grant underlease of half to K and M on condition that company is formed. Gore's consent please. Given (as above) 3 Oct 1872.

14 Nov 1873. K and M working vigorously. Roberts' agreement with them to lease other half after 12 months on reimbursement of all his outlay over last 16 or 17 years. Gore's consent please. Given 11 Apl 1874.

17 Feb 1874. Kempe and Sims have considerable number of men working. Have driven levels, the no slate made yet. (Also included, quite early plan of Cwmorthin workings).

985. Letter 20 Oct 1873 Cwmorthin Slate Co, Joseph F. Sims manager, to Roberts Tyhntirbwlch. Has told Mr Kellow that "no contract has been entered into with you by my directors for the crooling of the slates from the Conglog Quarry down the inclines of the Cwmorthin Slate Co Ltd", and will see K to make mutually advantageous arrangements.

986. Matthews to Roberts, 30 Oct 1873. Has transferred all his interest in the agreement with you of Jan 1872 re lease of Bulch Cwmorthin to Edward Bettelley of Plymouth; please grant underlease applied for to him.

1017. Kempe and Matthews to Roberts, requesting underlease of remaining portion. 30 Oct 1873.

987. John Kelby, Plymouth, to Breese 31 Oct 1873. Sends notice to Dr Roberts asking him to grant sublease of remainder of property of his lease from Mrs Gore.

988. Edward Bettelley, Plymouth, to Roberts 24 Dec 1873. Request to grant underlease to Chas John Sims of Plymouth, manganese mine proprietor, together with Kempe.

1229. Prospectus of Conglog Slate & Slab Co Ltd, 1873. Secretary T.B. Laws. Vein 80 yds wide, and two other veins. Nearly 200 acres. Proposed to spend £15000 on development and machinery. Ample water power available with a fall of 500 ft for driving all machinery required. Agreement 21 Nov 1872 K and M - Horswill as trustee, selling property for £25000. One of 3 veins "has been pierced by trial tunnels of considerable length in several places". Within 500 yds of Croesor tramway, 1 mile of FR. Report of W. Williams, consulting manager of Welsh Slate Co: trials effective; struck by extraordinary size of slate; cleavage excellent. Report of J. Kellow, quarry engineer of 26 years practical experience: good roof and floor to vein. 80 yds wide at right angles to bed. Easily got. Large size. Tunnels short. 2 other veins to N. Lake 550 ft above. Easy to build tramway to Croesor Tramway - arrangement exists to use their line for 6d p ton. Report Wm Rowlands, manager Votty, similar. Kellow again: suggests extending present tunnels, driving 2 additional tunnels and opening 4 galleries; buying rails, waggons etc, waterwheel, sawing machinery etc (£3000), total £8500 in first two years.

1019-1207. Lease 20 Apl 1874 Roberts to Kempe and Sims of other half of Conglog property, for £2000 plus £25 deadrent and 1/12, 21 years from 25 Mar 1868. Poor map.

1018. JROG consent to sublet second half.

Mining Journal 1874 975 (Sep 5). Letter Edward Betteloy. 3 years ago Conglog taken up by a few gents who paid large premium for grant and spent several hundreds on driving tunnels. Proved slate for 80 yds wide, excellently large. Set up company last year, vigorous development, tunnels 150 yds thro vein. Construction of tramway to FR and erection of machinery to return 250 tons per month under way, to be ready by end of year. Only need to tunnel across vein, not along it.

Mining Journal 1874 1115 (Oct 10). Letter T. Horswill. 3 tunnels, 20 yds vertically apart, room for more than one above and one below. No 1 40 yds thro first vein, and drivage on it 72 yds long, from which chambers being opened. No 2 80 yds through first vein and 70 yds thro second. No 3 120 yds, not yet to first vein. Incline from No 2 to valley laid down, with machinery for working it. Tramway to Cwm Orthin Quarry nearly complete. Wheelpit built and shed for machinery advanced. Construction of incline and tramway great credit to manager, John Edwards of Festiniog.

1232. Lease 17 Nov 1874 Cwmorthin Slate Co Ltd to Conglog Slate & Slab Co Ltd, 21 years of wayleave and licence to make tramway. 1/50. Plan xerex. From A on boundary to stone at B, skeleton bridge on pillars over creek to stone at C near foot of gardens of Cwmbychan Terrace and embankment of stone to D near bridge, here no more than 10" above high water, to enable lessors to build tramway from Lake Mill and far down gradient for such waggons. To rock E with incline with culverts for stream and watercourses to F, drum to be high enough to allow 70' timbers under, wire ropes with 20 ton breaking strain; double tramway from incline foot to G at junction with existing tramway from Cross Mill to railway inclines. On expiry, to hand over D-G, lessors paying for drum, rails etc. Cwmorthin to work trucks below G.

(Cwmorthin tramway not there 1855 or 1860 (Spooners maps), there by Sep 1862. Boyd 446 who says 1850 is wrong).

FR table length of xxlines: Cwmorthin 1566 yards, 2 inclines; Conglog 1m 1360 yds, no inclines mentioned.

990. Letter 29 Apl 1876 John Horswill, Plymouth, to John Edwards. Wants copy of your quarry dues a/c. Lease says we pay 1/12 on all slates and slabs sold: does this mean amount raised including delivery, or value at quarry?

Cassey's Directory of Chester and N Wales 1876. At Portmadoc, slate companies include Conglog.

1233. Agreement 14 Feb 1882 Horswill to Gillo and Getteley. £25000 purchase money was paid to Kempe and Matthews, and company entered possession, but K and M did not assign lease to Horswill or company. K died 1878, M insane. Company now being wound up, H liquidator. Agreement to sell to G and B interest of company in lease and wayleave for £850, including waterwheel, tramways etc.

1234. Letter Roberts to Gillo 17 Feb 1886. If new company formed to take Conglog, willing to vary terms of lease to K and M of 1872 to £30 deadrent not £25; royalty 2/6 p ton not 1/12. Portion of land must be surrendered to me - that agreed between W.W.Morris of Rhosydd and J.Kellow Rowe of Conglog.

1003. Copy letter Roberts to Gillo, no date (1889?). Has given lessor notice requiring new lease for further 21 years. Ready to assign all my interests to K and M (or, because of latter reference, pre 1878?)

1001. Letter Horswill to Roberts 27 Feb 1889. On behalf of Gillo accepts offer re renewal and extension of leases of 1868.

1235. Letter 15 Aug 1890 J.K.Rowe, Penrhyn, to Roberts. What is delay over lease?

995. Letter 1890? J.K.Rowe, manager Conglog, to Roberts. "It is now a long time since the Company applied to you for a new lease of the above property, and of which they have a legal claim." Step on it.

1236. Newspaper ad including inventory, 1891 - xerox

1237. List and valuation of plant 24 June 1892 - xerox

1238. Agreement 16 Sep 1892 Lord Harlech and liquidator of CS&SQCo. Liquidator surrenders interest; will leave machinery; if he finds tenant in 18 months, Harlech will try to get tenant to buy machinery for £200. Schedule as 1236.

1208. Lease 15 Dec 1895 Lord Halech to Ronald Robert Hamilton Lockhart Ross of Llanishen, Mon, Esq of whole Conglog area: shared tip lands as before. 21 years from 24 June 1895. Rhosydd to have right to water from proposed new reservoir (Cwmcoedog), Conglog, Clogwynbrith etc and to cottages, unless Ross has bona fide need of site. 2/6 p ton plus £2 px acre tip plus deadrent £15-25-50 over three years.

NLW Sale catalogue 253. Cwmorthin sale 1900. Lease of wayleave and rights over tramway and inclines 25 June 1896 to Lockhart Ross for 7 years from 31 Dec 1895, £25 pa merging into royalty of 2/6 p ton. Option to renew for 7 years and again to 1916. Conglog incline drum 9' x 3'6", rope 840'.

1212. Agreement 1 May 1901 Lockhart Ross to Edward Rowlands, Geo B. Hughes, John Cadwaladr Roberts, Cadwaladr Roberts, Wm Sam Roberts, David John Rowlands, all of Tanygrisiau, henceforth termed workmen. Ross empowers workmen to use quarry for consideration of £200, from which Ross will pay arrears of rent to Harlech and other claims. Workmen free to engage own men at their expense, and to pay all rents royalties etc. Ross to receive half profit after working expenses etc paid. Workmen to take 6/- pd and pay all other able bodied workmen 4-5/- pd. Quarry to be worked properly, as approved by Ellis Pritchard, Port, quarry agent, as sole representative of Ross. "The Workmen are to put the water wheel in order also the inclines tramline and the machinery and buildings at their own expense and to their own satisfaction, and they are to maintain the same in proper order at the Quarry's expense". Should quarry be sold, men to be repaid £300. Not to be sold for less than £2500 without their consent. Ellis Pritchard to be paid 2½% pd all produce. Workmen to let bargains. For residue of lease.

1210. 2 Apr 1903 surrender of 1895 lease. Ross now of Mitcheldean.

6" 1899 rev (2nd ed, pub 1901) and 1914 rev (pub 1920) show Conglog track in situ.

DRO Z/DAF/389. Robert Roberts, Oakeley, to Ashmore, 19 Aug 1901. Conglog being worked by Cadwaladr Roberts et al: they don't find it convenient, as lease provides, to deal with 10 loaded waggons at a time - need to send less at a go: could he work inclines himself? We would like to stop trekking over to Cwmorthin for this small trade, so have provisionally agreed to let him work inclines at own responsibility.

Cadwaladr Roberts on paper of Glyn Festiniog Slate & Slab Quarry, Tan-y-Grisiau to RR 17 Aug 1901 with draft agreement: Oakeley to allow GF to crawl on inclines at own risk when number of waggons less than 10.

By 1912 no traffic.

do 2427. Plan of Conglog lease Oct 1903: as known, including shared land, proposed Cwmaorsing. Included: "Map of land held by the Conglog Slate Co: copy of Northcroft's survey", no date: "trials in slate" at B and C or C and D. Otherwise as early Conglog plans. And "A map of land held by the Conglog Slate Company, Festiniog. Thos Roberts Portmadoc 1.10.1866". Refers to sections, not present. Includes yellow triangle on west as 1868. Boundary on S includes later joint land. "Trials in slate" at C? Llyndubach = slake immediately W of Llyn Conglog.

do 2428. Plan of Glyn Festiniog Slate & Slab Quarry, xerox of central section. 66"=1". Rhosydd-Conglog boundary as agreed 25 Sep 1903. copy sent to Mr Foster (Harlech's agent) 22 Oct 1903.

Site	Conglog Slate Quarry		Doc No	CG021
Subject	Tramway, Croesor, traffic figures			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

UCNW Bangor 589 (ledger Jan 1872-Dec 1876), 590 (do, Jan 1877-Dec 1888).
592-3 (waggon daybooks 1886-96) no references.

589.29. Curtis & Harvey per Wm Davies Caerblaidd: powder to Rhosydd and Park, and Sep-Dec 1876 3 consignments of 10cwt each to Conglog.

590.60. ditto to Conglog: 10 cwt batches unless stated;

Jan 26, Apr 11, July 25 1877

Aug 14 (5 cwt), Oct 28 1878

1879 none

Mar 31, Oct 20 1880 (both 5 cwt)

1881 none

Mar 17 (5 cwt), Nov 8 (3 cwt) 1882

9 Aug 1883 (5 cwt)

no more

589.102. Conglog Quarry per Mr Kellow:

1873 Oct 30 Timber 8 cwt

Nov 24 1 rubbish waggon

28 1 truck from Park

Dec 16 1 window 1 door

22 powder 11 cwt

1874 Jan 1 Sleepers from Park 1 ton 5 cwt

Feb 2 Sleepers 1 ton 5 cwt

25 powder 10 cwt

Apr 2 candles

8 2 waggons machinery 1 ton 18 cwt

20 2 waggons machinery 15½ cwt

May 5 1 waggon machinery 1 ton 3 cwt 1 qr

13 timber and machinery 18 cwt

Jun 5 machinery to Port 1 ton

19 candles

July 29 1 piece timber 1 cwt

bill not paid till 22 Jan 1875.

590.131. Conglog Slate Quarry per Mr J. Rowe Manager:

1883 Dec 23 1 box saws

1884 Mar 20 slate from Port to Siding 1 ton.

No more till

590.119. Park Quarries per Wm Kellow:

1886 Sep 11 Slabs from Conglog to Siding 5 cwt @ 6d

Oct 25)

Nov 15) Slates and slabs from Conglog 5 tons 17 cwt @ 8d

(these must mean, at that rate, from FR to Croesor siding).

Site	Conglog Slate Quarry		Doc No	CG022
Subject	Water Supplies, agreements with Rhosydd			
Doc Date	1982	See also	011	
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

Rhosydd

CRO BJC Addl (4) 1216. "Re Conglog and Rhosydd Quarries. Memo of terms agreed upon as to water rights.

1. The Conglog Co to have the exclusive use of water from Conglog Lake with this reservation, that if at any time the Rhosydd Co shall require the use of the water ~~of~~ from that lake, they shall be at liberty at their own expense to raise the dam and convey the water required to Rhosydd provided that they do not in any way thereby cause loss or injury to the Conglog quarry, and if necessary afterwards that the Conglog Co should at their own expense convey the water from below the Rhosydd tips at a sufficiently high level to turn the Conglog waterwheels.

Should the dam be raised at the expense of the Conglog Co and the Rhosydd Co should afterwards require water from Conglog, under the same clause, then that Rhosydd shall pay to the Conglog Co half the expense so gone to, to raise the dam.

Rhosydd Co to have the exclusive ~~right~~ use of all other waters now used by them (other than Conglog) subject to the next clause.

2. That should the Conglog Co require water from the Rhosydd Co other than under clause 1, that they shall be entitled to same at their own expense, from the bottom of the rubbish tip (at a sufficiently high level to be effective to turn the Conglog waterwheel). 7th May 1903."

BJC Addl (4) 1217. Lloyd-George & George, solrs for Conglog, to Longueville 3 Oct 1903. Difficulty over boundary of land to be leased to Conglog settled by their representative meeting Rhosydd's on spot. Corrected plan on way.

UCNW Cynhaiarn 203. Lease Lord Harlech to New Rhosydd Slate Quarry Co, 21 Mar 1905, for 42 years of part of Cwmorthin Ucha, 293 acres. Conglog have right to enter property to execute works for conveying water to Conglog waterwheels, and excess~~ix~~ water coming out of Rhosydd tips. If necessary, Rhosydd may dam Llyn Conglog. So may Conglog; if they dam it and Rhosydd want to use water too, to pay half cost each. Cottages built by Rhosydd on land formerly occupied by Robert Roberts liable to be removed if Conglog want site

CRO BJC Addl (4) 1220. Lease as last, with plan. In Conglog lease, Rhosydd has Plas, Terrace, Clogwyn Brith, Res ~~H~~, and Cwmcorsio and Llyn Coch.

BJC Addl (4) 1222. Lease Harlech to Colmans 18 Oct 1922. All Rhosydd, Cwmorthin Ucha and Conglog, 550 acres, 42 years from 29 Sep 1920.

Site	Conglog Slate Quarry		Doc No	CG023
Subject	Mine Inspectors reports			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

CG023

Inspectors etc

1886 fatal accident to David ~~John~~ Lloyd Roberts, 22, run over by slab truck on surface.

Merioneth Mines Report 1894.

Highest adit 1425', lowest 1195', main office 1125'.

Site	Conglog Slate Quarry		Doc No	CG024-1
Subject	Report from unknown book			
Doc Date	1982	See also	013	
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4, 4 pg	
Notes	research from ROs etc			

Source Unknown

Chapter VI

THE CONGLOG PROPERTY

p. 60

The slate property of Conglog, situated *beside* the *preceding* but separated by a valley, has an area of 250 acres. The neighbouring mountain is a little less than that at Rhosydd.

Its working started in 1870 and continued to 1912 when it was given up; the people who exploited it, moreover, were simply working miners who started on the extraction of slate without any financial backing. They worked from day to day without any order or method, until the death of their principal members. The landlord, wishing to see his mines worked in the normal way, then took back from these workmen the mining rights he had conceded to them.

(no pay mining, but clearly some sort mining, even if only half a sentence).

p. 61

which acquired the buildings, plant and machinery.

This slate property is much less important than the preceding as regards galleries and chambers, but is capable of very great development.

The water power, which works the mill, is provided by a natural

lake called "Llyn Conglog", with an area of 19 acres. Its depth is considerable and I could not obtain an exact measurement. The difference in height between the lake and the Mill is 900ft, and the distance 2,000 ft. The water is brought from the lake to the Mill in pipes.

On the land of this property is, within the boundary and included in the lease, a farm of 7 acres bringing in £30.0.0 a year.

For further information refer to the -

"Map of the Surface of the two Slate Mines of Rhosydd and Conglog",

annexed to my report.

Valuation of Buildings & Constructions

Mill, consisting of Factory & Outbuildings	£4,000.0.0
Building used for Smithy & House	100.0.0
Construction of Inclines & tramways	2,000.0.0
Wheel Pit	350.0.0
Total of Works of Construction	£6,450.0.0

All these valuations are made at current prices^{1/2}

Valuation of Plant & Machinery

1 Water Wheel & Pinions	£200.0.0
Tramways	1,500.0.0
Water Channels & Pipes	1,200.0.0
11 Wagons for Slate debris	300.0.0
2 Trucks for Slate	20.0.0
8 Sawing Tables	1,360.0.0
4 Cutting Machines	200.0.0
1 Planing Machine	200.0.0
1 Travelling Crane & Accessories	100.0.0
1 Grindstone	10.0.0
1 Saw Sharpening Machine	30.0.0
Weighing Machines	100.0.0
Shafting and Bearings	150.0.0
2 Cranes complete with chains	70.0.0
Chains for slate blocks	15.0.0
Tools for Forge	10.0.0
1 Screw Jack	10.0.0
4 Turntables with rails	80.0.0
Etcetera	5.0.0
Total of Plant & Machinery	£5,560.0.0

All these valuations are made at current prices

Total Valuation

Buildings & Construction	£6,450.0.0
Plant & Machinery	5,560.0.0
	£12,010.0.0

When valuing the assets we will see what percentage should be deducted for age and usage.

Geological Composition

The soil of the Conglog property differs from that of Rhosydd in this way, that there are on the surface some beds arranged geologically above that of Llandeilo, in fact on the ground opened up there are seen the Bala and Caradoc beds separated from the North Vein of the Llandeilo bed by a granite deposit 90 ft thick. The North Vein itself is present in very great thickness.

The following is the sequence of the different beds commencing with the highest. It would be well to refer to the diagram of a section of the Conglog beds included in my report.

1) The Slate bed of Bala and Caradoc - 210 ft thick which has slates of no commercial value.

2) A Granite bed 90 ft thick.

Then comes -

3) The Llandeilo Slate bed which consists of -

a) The North Vein itself composed of slates of different qualities. The top slates of the bed over a thickness of 40 ft are without commercial value. The Slates from the next 60 ft can only be used for slabs. The slates from the next 50 ft can be used either for slates or slabs. Finally, the lower slates of the bed for a thickness of 110 ft are of excellent quality for roofing or slabs.

b) Next to the North Vein is a bed of unusable rock 8 ft thick.

c) Then comes the Back Vein of the same quality as the same vein at Rhosydd and 105 ft thick.

d) A rock bed 12 ft thick.

e) The Narrow Vein.

and so on following the same sequence as at Rhosydd, but the property ends in the middle of the Back Vein.

For the transport of slates from the openings of the tunnels to the Mill an inclined plane is used with rails going up and down, and the necessary machinery.

Galleries and Chambers

Entrance to the Mine is by three tunnels, one above the other running North West. The first has been bored at 40 ft above the Mill, the second 40 ft higher, and the 3rd 40 ft higher still.

The first Tunnel 330 ft long has not yet any chambers.

The second Tunnel 792 ft long, has a short cross gallery with 5 chambers - A.B.C.D.E.

The dimensions of the Chambers and of the Pillars are the same as at Rhosydd, which I have stated above.

The third Tunnel 314 ft long, has also a short transverse gallery which has 3 Chambers opened - A.B.C. Their dimensions are also the same as in the other mine.

The workings at Conglog are thus, according to the result of my investigation, very little developed, but a future of much greater

magnitude is possible, not comparable, however, to that of Rhosydd.

In Chapter IX we will investigate, as in the former mine, what further developments are possible.

The reports of the two experts, from which I have quoted some passages in reference to Rhosydd, are less enthusiastic regarding Conglog. In effect the first contents himself with saying -

"All the other Slate Veins situated on the adjacent property called Conglog, with its water power are included in the assets of the Company".

The second states:-

"Two lakes, situated on the Conglog property, with effective water falls of 600 and 900 ft will give more than enough electric power to work the quarries, mills, railways and mineral lodes. At least 2,500 h.p. can be generated, of which not more than half will be needed by the Company". and that is all. Although they seem to consider this mine to be an element of little importance, doubtless because it furnishes slates of a less brilliant quality than Rhosydd, I consider that Conglog can become an important source of riches, chiefly by exploiting it for tables and slabs from the North Vein for a workable thickness of 220 ft, out of a total thickness of 710 ft.

Reference may usefully be made of the

"Plan of the Working of the Slate Mine of Conglog" annexed to the report.

Transport of Slate

The removal of the products from Conglog is effected at the station of Tan-y-Grisiau 1 mile 1440 yards distant.

From the Mill to Lake Llyn Cwmorthin, 3,000 ft distant, the route is over the property thence it borrows the land of the Oakley Mine. Transport is by animal traction. The cost of this transport payable to the Oakley Mine is 1/- per ton.

Site	Conglog Slate Quarry		Doc No	CG024-2
Subject	Report, as in 024-1			
Doc Date	1921	See also	013	
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)		
Doc Material	paper	Source		
Doc Status		Original	Doc Size	A4, 6 pg
Notes	research from ROs etc			

The following is part of a

'Report of the Inspection of the Slate Quarries belonging to
THE RHOSYDD UNITED SLATE QUARRIES LIMITED'.

Undertaken by Emiele Bainier, expert engineer of the State, Chevalier, of the Legion of Honour, living in Paris.

Requested by Mr Dudley M Colman, living in London.

The quarries inspected were Rhosydd, Conglog and Groes y Ddwy Afon.

The report is dated 1 March 1921

CHAPTER VI.

THE CONGLOG PROPERTY.

The slate property of Conglog, situated beside the preceding, are separated by a valley, has an area of 250 acres. The height of the mountain is a little less than that of Rhosydd.

Its working started in 1870 and continued to 1919 when it was given up; the people who exploited it, moreover, were simply working miners who started on the extraction of slate without any financial backing. They worked from day to day without order or method, until the death of their principal members. The landlord, wishing to see his mines worked in a normal way, then took back from these workmen the mining rights he had conceded to them.

This property was started again in 1920 by the present Company,

which acquired the buildings, plant and machinery.

This slate property is much less important than the preceding as regards galleries and chambers, but is capable of very great development.

The water power, which works the mill, is provided by a natural lake called "Llyn Conglog", with an area of 19 acres. Its depth is considerable and I could not obtain an exact measurement. The difference in height between the lake and the mill is 900 ft., and the distance 2,000 ft. The water is brought from the lake to the mill by pipes.

On the land of this property is, within the boundary and included in the lease, a farm of 7 acres bringing in £30. 0. 0. a year.

For further information refer to the -

"Map of the Surface of the two Slate Mines of Rhosydd and Conglog",

annexed to my report.

Valuation of Buildings & Constructions.

Mill, consisting of Factory & Outbuildings -	£4,000. 0. 0.
Building used for Smithy & House -	100. 0. 0.
Construction of inclines & tramways -	2,000. 0. 0.
Wheel Pit -	350. 0. 0.
Total of Works of Construction -	£6,450. 0. 0.

All these valuations are made at current prices.

Valuation of Plant & Machinery.

1 Water Wheel & Pinions	-	-	£ 200. 0. 0.
Tramways	-	-	1,500. 0. 0.
Water Channels & Pipes	-	-	1,200. 0. 0.
11 Wagons for slate debris	-	-	300. 0. 0.
2 Trucks for Slate	-	-	20. 0. 0.
8 Sawing Tables	-	-	1,360. 0. 0.
4 Cutting Machines	-	-	200. 0. 0.
1 Planing Machine	-	-	200. 0. 0.
1 Travelling Crane & Accessories	-	-	100. 0. 0.
1 Grindstone	-	-	10. 0. 0.
1 Saw Sharpening Machine	-	-	30. 0. 0.
Weighing machines	-	-	100. 0. 0.
Shafting & Bearings	-	-	150. 0. 0.
2 Cranes complete with chains	-	-	70. 0. 0.
Chains for slate blocks.	-	-	15. 0. 0.
Tools for Forge	-	-	10. 0. 0.
1 Screw Jack	-	-	10. 0. 0.
4 Turntables with rails.	-	-	80. 0. 0.
Etcetera	-	-	5. 0. 0.
<u>Total of Plant & Machinery -</u>			<u>£5,560. 0. 0.</u>

All these valuations are made at current prices.

SUMMARY.

Total Valuation

Buildings & Constructions -	£6,450. 0. 0.
Plant & Machinery -	<u>5,560. 0. 0.</u>
	<u>£ 12,010. 0. 0.</u>

When valuing the assets we will see what percentage should be deducted for age and usage.

Geological Composition.

The soil of the Conglog property differs from that of Rhosydd

in this way, that there are on the surface some beds arranged geologically above that of Llandeilo, in fact on the ground opened up there are seen the Bala and Caradoc beds separated from the North Vein of the Llandeilo bed by a granite deposit 90 ft. thick. The North Vein itself is present in very great thickness.

The following is the sequence of the different beds commencing with the highest. It would be well to refer to the diagram of a section of the Conglog beds included in my report.

1). The Slate bed of Bala and Caradoc - 210 ft. thick which has slates of no commercial value.

2). A Granite bed 90 ft. thick.

Then comes -

3). The Llandeilo Slate bed which consists of -

a). The North Vein itself composed of slates of different qualities. The top slates of the bed over a thickness of 290 ft. are without commercial value. The Slates from the next 60 ft. can only be used for slabs. The slates from the next 50 ft. can be used either for slates or slabs. Finally, the lower slates of the bed for a thickness of 110 ft. are of excellent quality for roofing or slabs.

b). Next to the North Vein is a bed of unusable rock 8 ft. thick.

c). Then comes the Back Vein of the same quality as the same vein at Rhosydd and 105 ft. thick.

d). A rocky bed 12 ft. thick.

e). The Narrow Vein.

and so on following the same sequence as at Rhosydd, but the property

ends in the middle of the Back Vein.

For the transport of slates from the openings of the tunnels to the Mill an inclined plane is used with rails going up and down, and the necessary machinery.

Galleries and Chambers.

Entrance to the Mine is by three tunnels, one above the other running North West. The first has been bored at 40 ft. above the Mill, the second 40 ft. higher, and the 3rd 40 ft. higher still.

The first Tunnel 330 ft. long, has not yet any chambers.

The second Tunnel 792 ft. long, has a short cross gallery with 5 Chambers - A.B.C.D.E.

The dimensions of the Chambers and of the Pillars are the same as at Rhosydd, which I have stated above.

The third Tunnel 314 ft. long, has also a short transverse gallery which has 3 Chambers opened - A.B.C. Their dimensions are also the same as in the other mine.

The workings at Conglog are thus, according to the result of my investigation, very little developed, but a future of much greater magnitude is possible, not comparable, however, to that of Rhosydd.

In Chapter 1X we will investigate, as in the former mine, what further developments are possible.

The reports of the two experts, from which I have quoted some passages in reference to Rhosydd, are less enthusiastic regarding Conglog. In effect the first contents himself with saying -

"All the other Slate Veins situated on the adjacent property called Conglog, with its water power are included in the assets of the Company".

The second states:-

"Two lakes, situated on the Conglog property, with
"effective water falls of 600 and 900 ft. will give more
"than enough electric power to work the quarries, mills,
"railways and mineral lodes. At least 2,500 h.p. can
"be generated, of which not more than half will be needed
"by the Company".

and that is all. Although they seem to consider this mine to be
an element of little importance, doubtless because it furnishes
slates of a less brilliant quality than Rhosydd, I consider that
Conglog can become an important source of riches, chiefly by
exploiting it for tables and slabs from the North Vein for a workable
thickness of 220 ft. out of a total thickness of 710 ft.

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"Plan of the Working of the Slate Mine of Conglog"
annexed to the report.

Transport of Slate.

The removal of the products from Conglog is effected at the
station of Tan-y-Grisiau 1 mile 1440 yards distant.

From the Mill to Lake Llyn Cwmorthin, 3,000 ft. distant, the
route is over the property thence it borrows the land of the Oakley
Mine. Transport is by animal traction. The cost of this transport,
payable to the Oakley Mine, is 1/- per ton.

Site	Conglog Slate Quarry		Doc No	CG025
Subject	People			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	research from ROs etc			

Dr Robert Roberts, of Ffastiniog and later Tuhwntirbwlech, died 1892.

Joseph Kellow represented Park Quarry 1869-74, William Kellow 1875-92, Moses Kellow 1893-. William father of Moses; born (according to 1871 census) 1832-3 Tintagel; apparently general manager of Dolabole; to Wales 1865-6; 1871 lived Tremadoc. Joseph ^{b 1830/1 C. V. H.} father of William or brother? 1868 (according to his book) had 26 practical experience in slate (i.e. since 1842); but Conglog prospectus of 1873 also gives him 26 years experience; lived Tremadoc 1868, but not 1861. J. Kellow Rowe, agent of Conglog, must have been related too.

Sims: three in or interested in area at same time:

Chas John of Plymouth, manganese mine proprietor, involved in Conglog 1874-

Joseph F, manager of Cwmorthin in 1870s

A.H. of Brondanw, involved in Wrysgan 1873-5, also Hafoddy Slate Quarry Co 1875-6 (Banger 590)

1871 Census. Dr Robert Roberts Tuhwntirbwlech aged 49.

High St Portmadoc:	Joseph Kellow	40	Engineer	Cornwall
	Matilda	40	wife	Northampton Co. Pa
	Martin	9	son	do
	Joseph	6	son	Devonport Southampton!

Site	Conglog Slate Quarry		Doc No	CG026
Subject	Incline, lower, included in Cwmorthin sale, 1900			
Doc Date	1982	See also		
Doc Type	report	Grid ref		
Drawing Type		Scale		
Drawing Medium	photocopy	Author(s)	MJTL	
Doc Material	paper	Source		
Doc Status	Original	Doc Size	A4	
Notes	plus inventories of Cwmorthin mills			

Cwmorthin

MLW Sale catalogue 253. Cwmorthin sale 4 Apl 1900. 382 acres
 freehold. Three inclines (Conglog), Tai Muria and Tenygrisiaw.
 Cross mill part used, 5 saws and 5 dressers and 1 saw for timber.

20 hp waterwheel.

93' shafting

2 c.i. pulleys 4'6" dia

5 do 2'6"

1 w.i. do 9'

2 do 4'6"

1 do 3'6"

80' india rubber belting 4"

150' do 2½"

Lower mills, 2 parallel sheds, 21 saws, 21 dressers.

30 hp waterwheel

187' shafting 4"

89' do 3½"

12' do 3"

13 c.i. pulleys 4' dia

16 do 2'

4 w.i. do 5'

10 do 4'

1 do 3'

8 do 2'

136' leather belting 10"

60' rubber do 9"

710' do 4"

630' do 2½"

140' driving chain