

GLAM

SECTION OF

25 NE/1

at

Dyffryn Rhodda

COUNTY

Communicated by

Date of sinking

One-inch Map (N.S.)

Six-inch Map

HEIGHT ABOVE O.D.

DIP OF STRATA

SS 89/6

Black Band { coal - --- ft. 2
 Freclay - --- 0. 6
 Coal - --- 2. 10
 Coal - --- 0. 8

Measures

Rider Coal 11 ins

Measures

Victoria Coal, thin,

Measures

Albert Coal 1 ft. 2 ins

Measures

Yard Coal - 0 ft. 7 ins

Measures

Coal, called Two foot and half seam { cliff - --- ft. 2
 Coal - --- 2. 7
 Freclay - --- 2. 3
 Coal - --- 0. 6
 Freclay - --- 3. 4

Measures

{ cliff - --- ft. 2
 Coal - --- 1. 10
 Rashes - --- 0. 6
 Coal - --- 0. 3
 Freclay - ---

Cae David Seam

No 2 Rh. to 6 ft. seam.

SS89/6

Pumcynon: 1356 - 157 = 1229 ft.

Glynceorwg: = 1253 ft.

Dyffryn Rhondda: = 1624 ft.

Avan Colliers = 1641.

No 2 Rh. to Wenallt.

Ynyscorwg = 1088 ft.

Glynceorwg = 1074 ft.

Wickworth = 1575 ft.

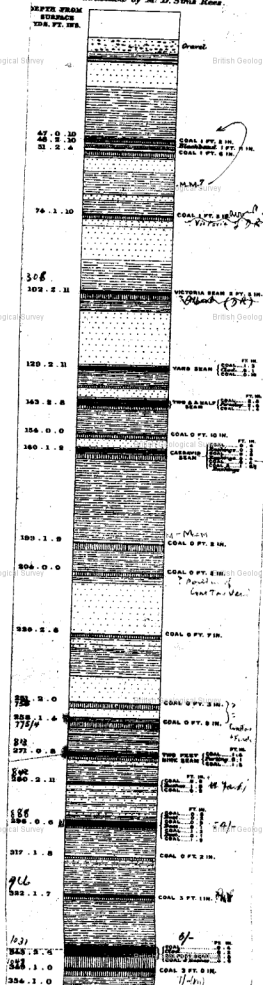
Glynceorwg = Wenallt to Hendregareg
= 510 ft.

CAERAU. PITS, № 1.

NORTH'S NAVIGATION CO.

Communicated by M^r D. Simon Ross

DEPTH FROM
SURFACE
YDS. FT. IN.



379 (11/27) Hawley, M
399 (11/27) H New - Fireworks
410 (12/30) A New - Fireworks
My + Mackay Glen
Mammals

Name and Number of Shaft or Bore given by Geological Survey:

County SS 84 56 / 13

6" Quarter Sheet

Carnon - North Pt. (cont. iii.)

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
				(feet)	
	Rock	38	5	207.39	679 11 1/2
	Coar		7	207.50	680 6 1/2
	Fireclay	3		208.44	683 6 1/2
	Best rock + cliff	6		210.29	689 6 1/2
	Best rock	9		213.09	698 6 1/2
	Cliff	26	5	221.11	884 11 1/2
	Coar		1	225.2	865 2
	Rock + fireclay	10	9	235.9	875 9 1/2
	White rock	19		254.9	894 9 1/2
	Irregular Coar		3	255.2	895 2
	Fireclay	5	6	260.6	900 6 1/2
	Rock	4		264.6	904 6 1/2
	Best rock	6		270.4	910 6 1/2
	Black best	1		271.6	911 6 1/2
	Rashes	3		274.6	914 6 1/2
	Coar		9	275.5	915 3 1/2
	Fireclay	7	3	282.6	922 6 1/2
	Cliff	7		289.6	929 6 1/2
	Ironstone		10	290.4	930 4 1/2
	Mild cliff	6	4	296.9	936 8 1/2
	Ironstone	3		298.2	936 11 1/2
	Mild cliff	13		309.1	949 11 1/2
	Clod		10	319.9	959 9 1/2
	Coar	1	4	322.1	952 1 1/2
	Ply. } 207.9				
	Coar	1	5	323.6	953 6 1/2
	Fireclay	3		326.6	956 6 1/2
	Best rock	5		331.6	961 6 1/2
	Strong cliff	19		340.6	970 6 1/2
	Coar		6	346.6	976 2
	Rashes } Unworked	1		347.6	977 2
	Coar		9	352.4	982 9 1/2
	Fireclay	3		355.4	985 9 1/2
	Cliff + rock	33		388.4	977 7 1/2
	Rising	12		399.6	990 9 1/2
	Fault in pit at 8 ft. above base of cliff				
	One side of pit. (not continuation)	28	1	401.6	996 9 1/2
	Cliff - beds of rock		2	403.6	996 2
	Coar	3		406.6	999 2
	Fireclay	8	4	414.6	1002 6
	Cliff + rock	26		420.6	1008 6
	Cliff	4	6	424.6	1012 2
	Coar	3	1	427.6	1015 1
	Fireclay	3		430.6	1018 1
	Cliff	49	5	435.6	1023 6
	Hard clod		8	443.6	1031 2
	Soft		2	445.6	1033 2
	Coar		4	449.6	1037 2
	Clod		2	451.6	1039 2
	Coar	5	8	456.6	1044 6
	Coar + rashes	4	6	460.6	1050 2



SS 893E/13
8659 9455

D

British Geological Survey

British Geological Survey

British Geological Survey

CODE 18-71

Nº 10.
CAERAU PITTS, Nº 1.
NORTH'S NAVIGATION C?

Communicated by M^r D. Sims Rees.

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DEPTH FROM
SURFACE
YDS. FT. INS.

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47 0 10
48 2 10
51 2 4

Gravel.
COAL 1 FT. 2 IN.
COAL 1 FT. 11 IN.
COAL 1 FT. 6 IN.

British Geological Survey

British Geological Survey

76 1 10

COAL 1 FT. 3 IN.

British Geological Survey

British Geological Survey

British Geological Survey

102 2 31

VICTORIA SEAM 2 FT. 3 IN.

British Geological Survey

British Geological Survey

British Geological Survey

129 2 31

YARD SEAM
COAL 1 FT. 2 IN.
COAL 1 FT. 11 IN.
COAL 1 FT. 6 IN.

British Geological Survey

British Geological Survey

British Geological Survey

143 2 8

TWO & A HALF SEAM
COAL 1 FT. 2 IN.
COAL 1 FT. 11 IN.
COAL 1 FT. 6 IN.

British Geological Survey

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British Geological Survey

154 0 0

COAL 0 FT. 10 IN.

British Geological Survey

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British Geological Survey

160 1 2

CARDWELL SEAM
COAL 1 FT. 2 IN.
COAL 1 FT. 11 IN.
COAL 1 FT. 6 IN.

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193 1 9

COAL 0 FT. 2 IN.

British Geological Survey

British Geological Survey

British Geological Survey

206 0 0

COAL 0 FT. 2 IN.

British Geological Survey

British Geological Survey

British Geological Survey

220 2 6

COAL 0 FT. 7 IN.

British Geological Survey

British Geological Survey

British Geological Survey

231 2 0

COAL 0 FT. 3 IN.

British Geological Survey

British Geological Survey

British Geological Survey

258 1 4

COAL 0 FT. 2 IN.

British Geological Survey

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British Geological Survey

271 0 8

TWO FEET
NINE SEAM
COAL 1 FT. 2 IN.
COAL 1 FT. 11 IN.
COAL 1 FT. 6 IN.

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British Geological Survey

280 2 11

COAL 0 FT. 2 IN.

British Geological Survey

British Geological Survey

British Geological Survey

296 0 6

COAL 0 FT. 2 IN.

British Geological Survey

British Geological Survey

British Geological Survey

317 1 8

COAL 0 FT. 2 IN.

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British Geological Survey

British Geological Survey

332 1 7

COAL 3 FT. 1 IN.

British Geological Survey

British Geological Survey

British Geological Survey

343 5 4

COAL 3 FT. 0 IN.

British Geological Survey

British Geological Survey

British Geological Survey

349 1 0

COAL 3 FT. 0 IN.

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354 1 0

COAL 3 FT. 0 IN.

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Caeraru Pits

SS 89SE/13
BL 59. 9465

Communicated by
North Navigation Co. Mr D. Sims-Rees

NB The crasms in this section
are where the section has been examined.
in MS to avoid repetition

EVERT SECTS
Sheet 85
No. 10

Thickness.

Yards. feet. ins. Yards.

1 Above surface level

Gravel

Cliff

Rock

Cliff

Rock

Cliff

Rock

Cliff

✓ COAL

Fire clay

✓ Black band

Fire clay

Rock

Cliff

✓ COAL

Fire clay

Cliff

Rock

Cliff

Cliff

✓ COAL

Rock

Cliff

✓ COAL

Fire clay

Rock

They indicated on V.S. that SS
as Caeraru Pits, No. 1
There is no evidence that the section
means No. 1 Pit — the section
are marked No. 2 No. 3 etc — the
section is evidently a continuation of
the section.

10 0 0

5 0 8

2 0 0

1 0 0

8

2 0

9

9 0 6

19 0 1

12

1 0 1

1 11

2

1 9

1 0 3

1 6

1 0 8

2 0

5 0 4

1 0 8

1 0 3

8 0 9

4

2 0 2

1 0 0

5 0 0

1 3

1 1 0

2 0 8

78 0 2

45

Thickness.			Depth from Surface.		
Yards.	feet.	ins.	Yards.	feet.	ins.
78	0	6		23	4
3	9	9			
12	1	10	90	2	4
10	2	10	101	2	2
	1	6	102	0	8
	2	3	102	2	11
2	0	6	105	0	5
4	0	0	109	0	5
19	0	6	128	0	11
	2	6	129	0	5
		2	129	0	7
	1	3	129	1	10
		12	129	1	11
	10	12	129	2	10
1	1	6	131	1	4
4	2	0	136	0	4
		1	136	0	5
	2	3	136	2	8
3	1	0	140	0	8
1	0	0	141	0	8
2	2	14	141	2	10
2	6		142	4	4
1	4		143	0	8
1	1	6	144	2	2
9	0	0	153	2	2
	10		154	0	0
1	1	2	155	1	2
155	0	7			

Rock

Cliff

Shale

✓ COAL Victoria

Fireclay

Cliff

Rock

Gravel

Clod

COAL

Clod

Coal

Shale & Fireclay

Cliff

Rashings

Fireclay

}

Rock

Cliff

✓ COAL "Two and a half" Washed at No. 9

Fireclay

Coal

Shale & Fireclay

Cliff

✓ COAL

Fireclay

W D & L (2) - 50830 - 1000-05

Rock
Cliff
Rashings
Coal
Rashings
Coal
Rashings
Coal
Coal & Rashings
Fireclay
Cliff
Coal
Fireclay
Cliff
Coal
Fireclay
Cliff
Rock
Coal
Fireclay
Rock & Cliffs
Cliff
Coal
Rock
Coal
Fireclay

Ca. defaid.

Thickness.			Depth from Surface.		
Yards.	feet.	ins.	Yards.	feet.	ins.
15.5	0	1 1/2	158	2	1 1/2
3	1	0	159	2	1
1	0	0	159	2	3
		2	159	2	7
		4	159	2	10
		3	159	2	10
		8	160	0	6
		4	160	0	10 1/2
		4	160	0	10 1/2
	1	8 1/2	160	0	11
2	0	6	160	0	5
30	1	2	193	1	7
		2	193	1	9
2	1	6	196	0	3
7	2	6	203	2	9
		3	204	0	0
1	1	6	205	1	6
2	1	0	207	2	6
18	2	5	226	1	11
15 1/2	2	1	226	2	6
		7	227	2	6
1	0	0	232	2	6
		0			
8	2	5	241	7 1/4	11
		1	241	7 1/2	
9	2	9	257	7 1/4	9
1	1	1			
		3	257	7 1/2	
1	2	6	253	1	6
25 3	1	6			

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Rock

Kist

Kashings

Coal

Fire clay

Cliff

Flintstone

Cliff

Flintstone

Cliff

Clod

COAL

Parting

COAL

Fire clay

Rock

Cliff

COAL

Kashings

COAL

Fire clay

Rock & Cliff

Hard Cliff

Soft Cliff

COAL

Bast

COAL

Bast

COAL

Bast

COAL

W B 4 L (5) 60850-1000-6-05

Thickness.

Depth from Surface.

Yards. feet. ins. Yards. feet. ins.

2	5	3	1	6	256	72	7
3	1	1	1	1	257	77	7
			1	0	258	77	7
1	0	0			258	77	7
			9		258	77	7
2	1	3	2	7	258	77	7
2	1	0			262	78	7
			10		262	79	5
2	0	4			265	79	6
			3		265	79	6
4	1	0			270	-	-
			10		270	0	10
			1	4	270	0	2
			1		270	0	3
			1	5	271	0	8
1	0	0			272	0	8
1	2	0			273	2	8
6	1	0			280	0	5
			6		280	0	2
			1	0	280	0	2
			9		280	2	11
1	0				281	0	11
1	0	0			292	0	11
2	0	0			294	0	11
			1	0	294	0	11
			6		294	0	5
			2		294	0	7
			9		295	0	4
			1		295	0	5
			1	3	295	0	8
			1		295	0	9
1	9				296	0	6

296

0

6

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W B & L (2) — 57880 — 1000-6-05

SECTION OF Cochran Reef at _____SS 895E/13
8659.9455COUNTY GranCommunicated by Morgan W. Davies

Date of sinking _____

One-inch Map (N.S.) 248Six-inch Map 26

HEIGHT ABOVE O.D. _____

DIP OF STRATA _____

*Differs slightly from Mr. Sims' section
See Vert. Sect. sheet 85 No. 10.*

	Thickness.			Depth from
	Yards.	feet.	ins.	
1600 Surface Level (Not detailed in Mon. 1' 248.)	10	0	0	
Gravel	5	0	9	
Cliff	2	0	3	
Rock		1	0	
Cliff			8	
Rock		1	0	
Cliff			9	
Rock	9	0	6	
Cliff	19	0	1	
Coal		1	2	47
Fireclay	1	0	1	
Black Sand		1	0	
Fireclay		2	0	
Rock		1	9	
Cliff	1	0	3	
Coal		1	6	51
Fireclay	1	0	8	
Cliff		2	0	
Rock		1	8	
Rock	4	1	8	
Not described			4	
Cliff	11	0	5	
Coal			2	
Rock	2	0	5	
Cliff	5	0	0	
Coal		1	8	
Fireclay	1	8	0	
Rock	14	2	0	
Cliff	10	2	10	
Shale		1	6	

	Thickness.			Depth from top of		
	Yards.	feet.	ins.	Yards.	feet.	ins.
Victoria Seam		2	3	10	2	5
Fireclay	2	0	6	10	2	5
Cliff	4	0	0			
Rock	19	0	6			
Shale		2	6			
Clod			2			
Coal		1	3 1/2			
Clod } Yard Vein			1 1/2			
Coal			10	12	9	2
Fireclay	1	1	6			
Cliff	4	0	0			
Reaching or			1			
Fireclay		2	3			
Rock	3	1	0			
Cliff	1	0	6			
Coal Two and a half		2	2			
Fireclay		2	6			
Coal		1	4	14	3	2
Shale and fireclay	1	1	6			
Cliff	9	0	0			
Coal		10	15	3	5	
Fireclay	1	1	2			
Rock	3	0	0			
Cliff	1	0	0			
Reaching			2			
Coal			4			
Reaching			3			
Coal } Caedaud			8			
Reaching			4			
Coal			4			
Coal and reaching	1	5 1/2	15			

Caern Meft

245

SS 89 SE 13. survey

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Thickness.

Depth from Sea Level

Yards. feet. ins. Yards. feet. ins.

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Fireclay

2 0 6

Cliff

10 1 2

Coal

2

Fireclay

2 1 6

British Geological Survey

British Geological Survey

British Geological Survey

Cliff

7 2 6

Coal

3

Fireclay

1 1 6

Cliff

2 1 0

Rock

18 2 5

British Geological Survey

British Geological Survey

British Geological Survey

Coal

7

Fireclay

1 0 0

Rock & Cliff

5 0 0

Cliff

8 2 5

British Geological Survey

British Geological Survey

British Geological Survey

Coal

1

Rock

9 2 9

Coal

3

Fireclay

1 2 6

Rock

3 0 1

British Geological Survey

British Geological Survey

British Geological Survey

Sand

1 0

Rackings

1 0 0

Coal

9

257 1 7 1/2

Fireclay

2 1 3

British Geological Survey

British Geological Survey

British Geological Survey

Cliff

2 0 0

Marble

10

Cliff

2 0 4

Marble

8

Cliff

4 1 0

British Geological Survey

British Geological Survey

British Geological Survey

Cliff

10

Coal

1 4

W D & L (x) - 50850 - 10000-05

Portland

Coal

1

1 5 2 7 2 0 4 1/2

Two foot nine beam

SECTION OF Cacrau at _____

SS 89 56/13

COUNTRY _____

Communicated by _____

Date of sinking _____

One-inch Map (N.S.) _____

Six-inch Map _____

HEIGHT ABOVE O.D. _____

DIP OF STRATA _____

	Thickness.			Depth from Surface.	
	Yards.	feet.	ins.	Yards.	feet.
Finishes	1	0	0		
Rock	1	2	0		
Cliff	1	1	0		
Coal			6		
Rockings		1	0		
Coal			9	279	2
Finishes		1	0		
Rock & cliff	11	0	0		
Cliff (rock)	2	0	6		
Cliff		1	0		
Coal			6		
Rest			2		
Coal			9		
Rest			1		
Coal		1	3		
Rest			1		
Coal		1	9	295	0
Shale			6		
Finishes		2	0		
Cliff &c.	10	0	6		
Coal			2		
Finishes	1	0	0		
Cliff & rock	2	2	4		
Cliff	10	0	6		
Coal	1	0	1	321	0
Finishes	1	0	0		
Cliff	16	1	5		
Clod			3		
Coal			4		
Clod			2		
Coal	1	2	8		

SECTION OF Cover 1/4 at _____

SS 89 SE 1/4

COUNTY _____

Communicated by _____

Date of sinking _____

One-inch Map (N.S.) _____

Six-inch Map _____

HEIGHT ABOVE O.D. _____

DIP OF STRATA _____

Soil and washings
Foribly
Coal
Foribly
Cliff

Thickness.			Depth from	
Yards.	feet.	ins.	Yards.	ins.
1	1	6		
4	1	6		
1	0	0		
2	0	0		
3	0	0		

Appendix B Coal Authority Non-Residential Mining Report



The Coal
Authority

Resolving the **impacts** of mining

CON29M Non-Residential Mining Report

BRYTWN ROAD
CYMMER

Date of enquiry: 20 January 2017
Date enquiry received: 20 January 2017
Issue date: 27 January 2017

Our reference: 51001347705001
Your reference: D36058



CON29M Non-Residential Mining Report

This report is based on, and limited to, the records held by the Coal Authority and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Client name

Emily Meehan

Enquiry address

BRYTWN ROAD, CYMMER

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

 /company/the-coal-authority
 /thecoalauthority
 /coalauthority



Approximate position of property



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Summary

Has the search report highlighted evidence or potential of		
1	Past underground coal mining	Yes
2	Present underground coal mining	No
3	Future underground coal mining	Yes
4	Mine entries	Yes
5	Coal mining geology	No
6	Past opencast coal mining	No
7	Present opencast coal mining	No
8	Future opencast coal mining	No
9	Coal mining subsidence	No
10	Mine gas	No
11	Hazards related to coal mining	No
12	Withdrawal of support	Yes
13	Working facilities order	No
14	Payments to owners of former copyhold land	No
15	Information from the Cheshire Brine Subsidence Compensation Board	No

Further recommended reports
Mine entry interpretive report
Mine entry plan and data sheets

For detailed findings, please go to page 4.

Detailed findings

1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 13 seams of coal at shallow to 870m depth, and last worked in 1959.

2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4. Mine entries

Within, or within 20 metres of, the boundary of the property there are 4 mine entries, the approximate positions of which are shown on the enquiry boundary plot.

Our records disclose the following information:

285195-009. No treatment details.

285195-007. No treatment details.

285195-004. This shaft was filled with stone in 1977 and the surface reinstated.

285195-010. No treatment details.

There may however be mine entries/additional mine entries in the local area which the Coal Authority has no knowledge of.

For an additional fee, the Coal Authority can provide a Mine Entry Interpretive Report. The report will provide a separate assessment for the mine entry/entries referred to in this report. It gives an opinion on the likelihood of mining subsidence damage caused from ground movement as a consequence of the mine entry/entries. It also gives details of the remedies available for subsidence damage where the mine entry was sunk in connection with coal mining.

Please note that it may not be possible to produce a report if the main building to the property cannot be identified from Coal Authority plans (ie for development sites and new build).

For further advice on how to order this additional information please visit www.groundstability.com.

5. Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6. Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7. Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8. Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9. Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

10. Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11. Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

12. Withdrawal of support

The property is in an area where notices to withdraw support were given in 1945, 1956.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13. Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14. Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

15. Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Comments on the Coal Authority information

The Coal Authority own the copyright in this report and the information used is protected by our database right.

The boundary plot shows the approximate location of the disused mine entry/entries referred to in this report. For reasons of clarity, mine entry symbols may not be drawn to the same scale as the plan.

Property owners have the benefit of statutory protection (under the Coal Mining Subsidence Act 1991*). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage from disused coal mine workings including disused coal mine entries. A leaflet setting out the rights and obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by visiting www.groundstability.com.

If you wish to discuss the relevance of any of the information contained in this report, you should seek the advice of a qualified mining engineer or surveyor. If you or your advisor wish to examine the source plans from which the information has been taken, these are available to view, free of charge, at our Head Office in Mansfield. To book an appointment please ring 01623 637225. Should you or your advisor wish to carry out a physical investigation that may enter, disturb or interfere with any disused mine entry, prior permission of the owner must be sought. For coal mine entries, the owner will normally be the Coal Authority.

The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries). Our emergency telephone number is 01623 646333.

*Note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before

beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

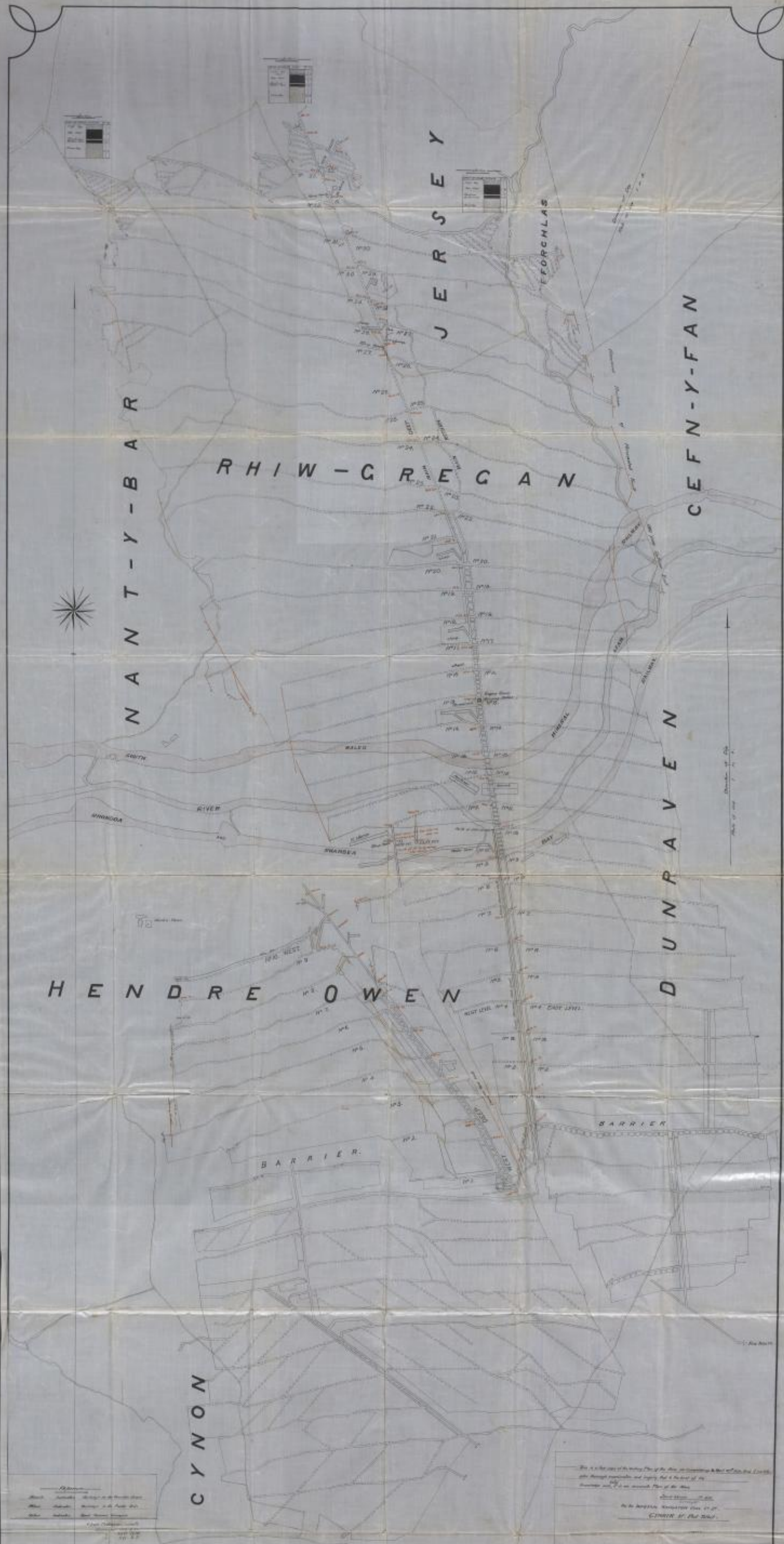
Disclaimer

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Alternative formats

If you would like this report in an alternative format, please contact our communications team.

Appendix C Coal Authority Mine Abandonment Plans



— PLAN —

OF
WORKINGS IN THE WERNDU SEAM
DUFFRYN RHONDDA COLLIERIES

Scale 2 Chains to the Inch

Plan of the
Duffryn Rhondda
Collieries
1880



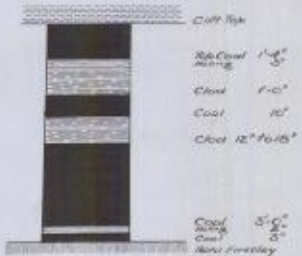
SECTIONS OF SEAMS.

WERNPISTYLL RIDER SEAM.



NO 2 RHONDDA SEAM.

At A.



At B.

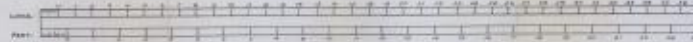


GLYNCYMMER COLLIERY

CYMMER PORT TALBOT CLAM.

PLAN SHEWING WORKINGS IN THE NO 2 RHONDDA
& WERNPISTYLL RIDER SEAMS.

SCALE 1/2500.

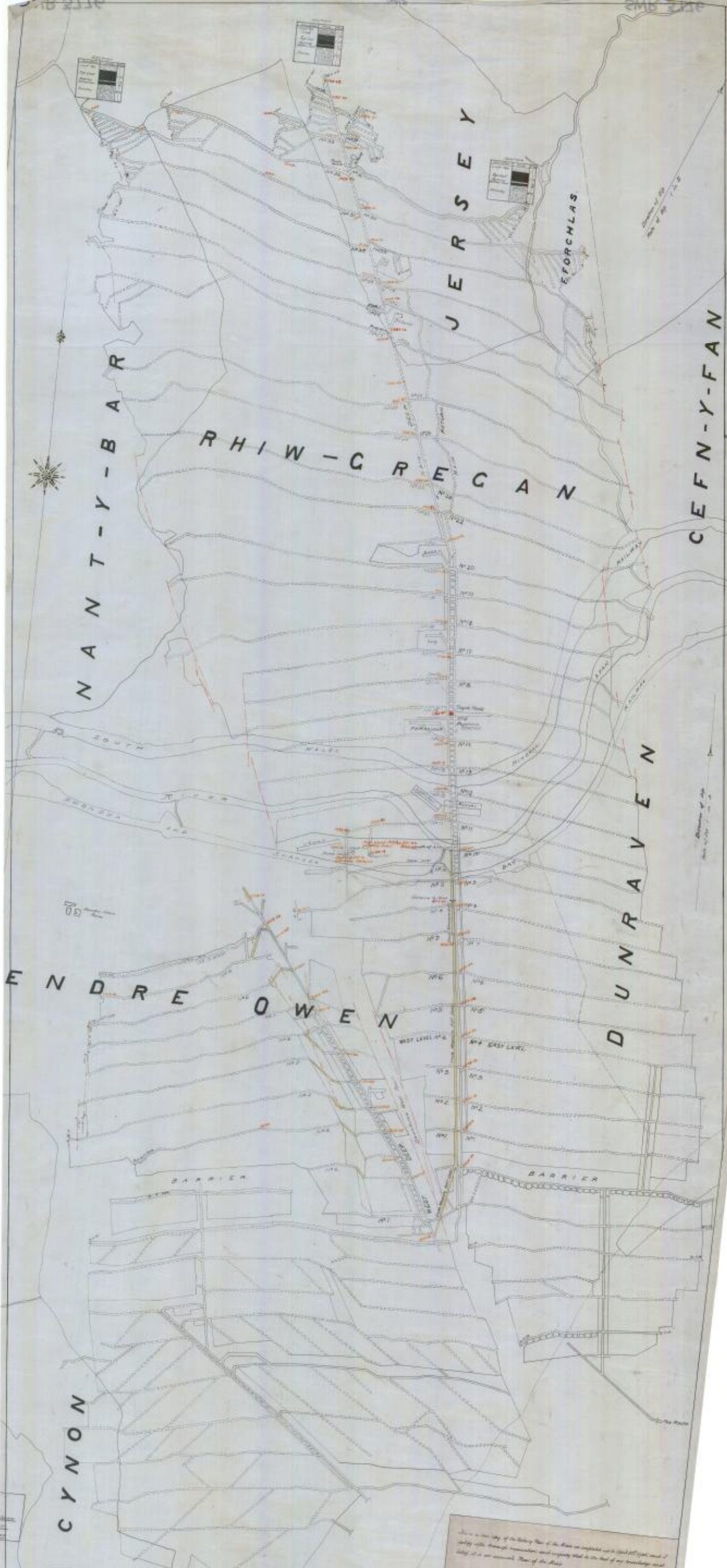


REFERENCE:-

Workings in No 2 Rhondda Seam shown in red.
Workings in Wernpistyll Rider Seam shown in blue.
Levels shown in feet above sea level.
Coal seams drifts shown in green.
All unworked pillars left blank.

This plan is a true copy of the working plan of the mine as completed up to June 30th 1928 and I certify after thorough examination and inquiry that to the best of my knowledge and belief it is an accurate plan of the mine.

Signed Hayden Davies.
Certificate No. 599.



PLAN
OF
WORKINGS IN THE WERNDU SEAM
DUFFRYN RHONDDA COLLIERIES
Scale 2 Chains to One Inch

This is a plan of the workings of the Wernddu Seam in the Duffryn Rhondda Collieries, showing the location of the workings, the boundaries of the seam, and the various geological features. The plan is based on a survey of the workings, and is intended to show the general layout of the workings, and the location of the various geological features. The plan is not intended to show the exact boundaries of the seam, or the exact location of the various geological features, but to show the general layout of the workings, and the location of the various geological features.

REFERENCE	
Black outline	Boundary of Seam
Blue line	Face of Seam
Red line	Face of Seam
Green line	Face of Seam

<u>No. 1. SHAFT.</u>		<u>No. 2. SHAFT.</u>		<u>DRIFT ENTRANCE.</u>	
21/8495/202.759.		21/8495/241.754.		21/8495/432.659	
SURFACE LEVEL.....	10507.74	SURFACE LEVEL.....	10508.10	SURFACE LEVEL.....	10508.62
Nail INSET LEVEL.....	9986.46	Nail INSET LEVEL.....	9985.11		
DEPTH OF SHAFT.....	796 yds.	DEPTH OF SHAFT.....	803 yds.	<u>DRAINAGE ADIT.</u>	
				21/8495/418.770.	

DATUM FOR LEVELS
10,000 feet below ORDNANCE DATUM.

CLIFT.....
COAL.....1' 11"
RASHING.....1 1/2"
COAL.....6"
FIRECLAY.....

DATE OF CONSTRUCTION 1966.

Appendix D Ordnance Survey Historical Mapping

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Oscars		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Pine		Rough Pasture
	Arrow denoting flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	Surface Level				
	Sketches Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	County Boundary (Geographical)		County & Civil Parish Boundary		
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)		County Borough Boundary (Scotland)		
	Rural District Boundary		Civil Parish Boundary		

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disturbed Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Machinery		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Borough or District Council		Borough, Borough or County Constituency
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Public Convenience
	Clock House		Public House
	Fire Engine Station		Signal Box
	Foot Bridge		Spring
	Fountain		Telephone Call Box
	Guide Post		Telephone Call Post
	Mile Post		Well
	Mile Stone		

1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

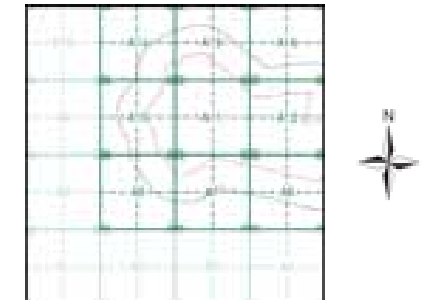
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1884	2
Glamorganshire	1:10,560	1900	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1938 - 1951	5
Historical Aerial Photography	1:10,560	1945 - 1949	6
Glamorganshire	1:10,560	1953	7
Ordnance Survey Plan	1:10,000	1964 - 1965	8
Ordnance Survey Plan	1:10,000	1975	9
Ordnance Survey Plan	1:10,000	1982 - 1988	10
Ordnance Survey Plan	1:10,000	1990	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2016	14

Historical Map - Slice A



Order Details

Order Number: 110795354_1_1
 Customer Ref: D36058
 National Grid Reference: 285060, 195510
 Slice: A
 Site Area (Ha): 130.06
 Search Buffer (m): 250

Site Details

Caerau Parc

Landmark
 LANDMARK INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

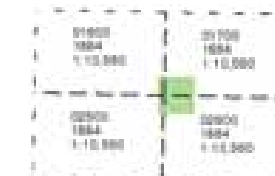
Glamorganshire

Published 1884

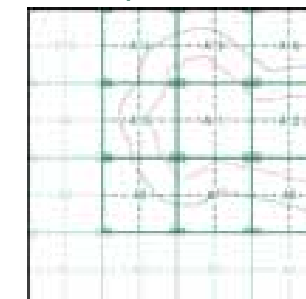
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 110795354_1_1
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 Slice: A
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 Search Buffer (m): 250

Site Details

Caerau Parc

Glamorganshire

Published 1900

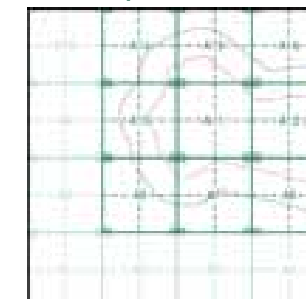
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 110795354_1_1
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 National Grid Reference: 285060, 195510
 Slice: A
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Site Details

Caerau Parc

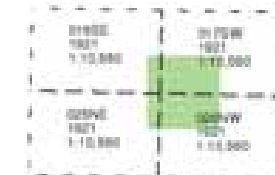
Glamorganshire

Published 1921

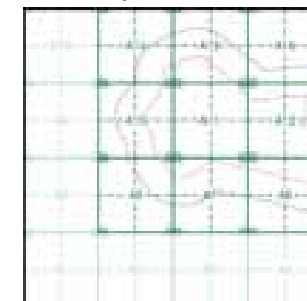
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Site Details

Caerau Parc

Glamorganshire

Published 1938 - 1951

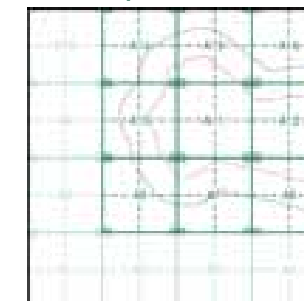
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 110795354_1_1
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Site Details

Caerau Parc

Historical Aerial Photography

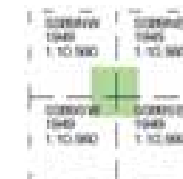
Published 1945 - 1949

Source map scale - 1:10,560

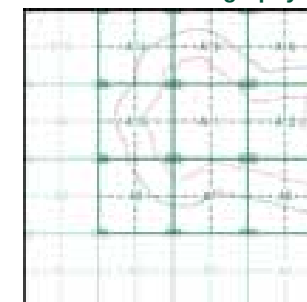
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



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