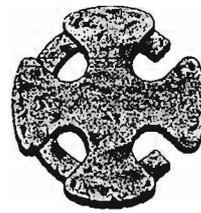


C002K561i



19333
Cadw
WELSH
HISTORIC
MONUMENTS

Tŷ Brunel, 2 Ffordd Fitzalan, Caerdydd CF2 1UY
Brunel House, 2 Fitzalan Road, Cardiff CF2 1UY
Tel: (0222) 465511

Eich Cyfeirnod/Your Reference

Ein Cyfeirnod/Our Reference CAM1/1/6421

Dyddiad/Date 3 March 1992

Clwyd-Powys Archaeological Trust
7a Church Street
Welshpool
Powys
SY21 7DL

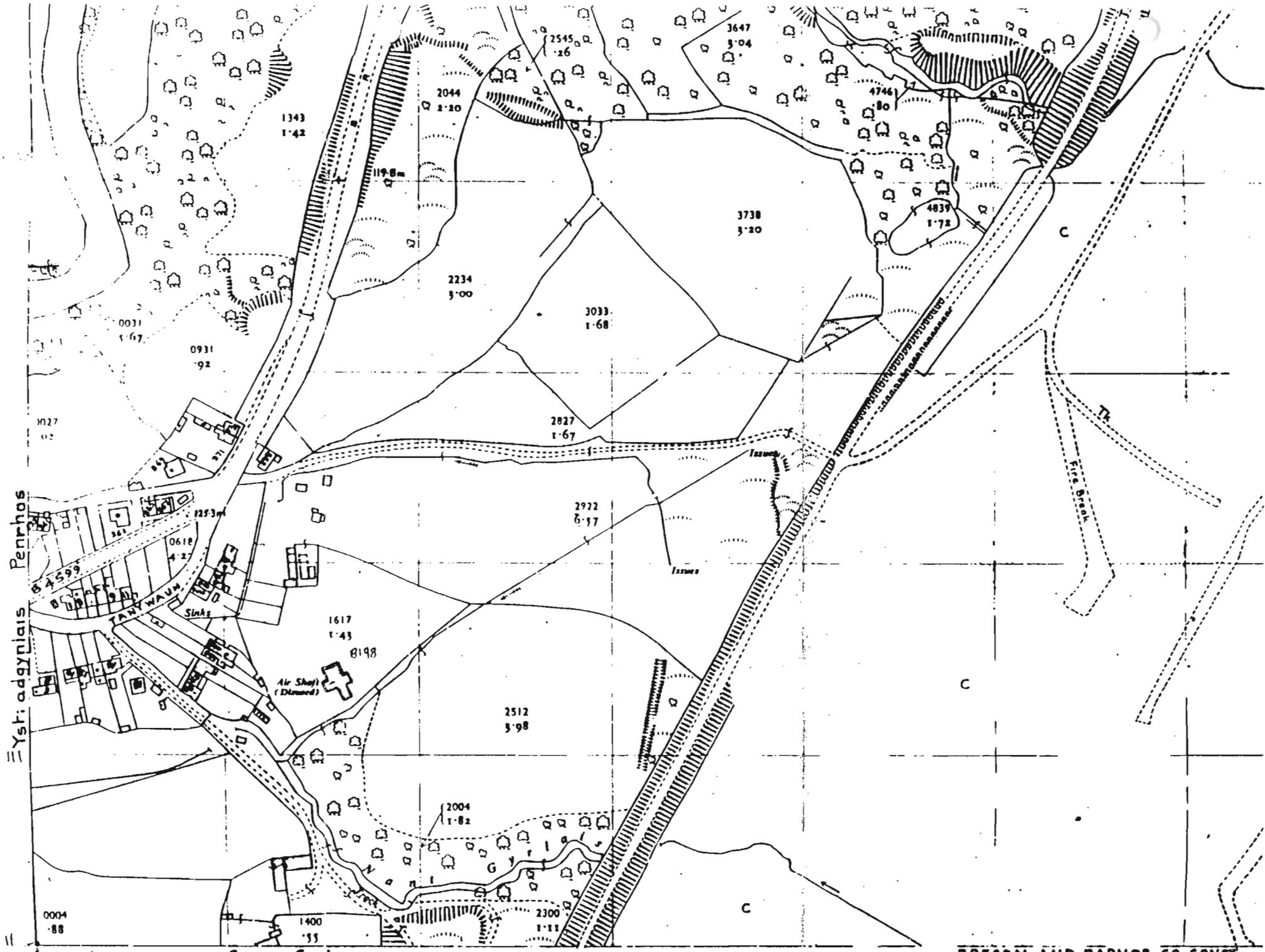
Dear Sir

MONUMENT: Ynysgedwyn Colliery Fan House
SCHEDULE: B 198
CLASS: Industrial
COUNTY: Powys
DISTRICT: Brecknock
COMMUNITY: Ystradgynlais
OS NUMBER: 160
NATIONAL GRID REFERENCE: SN 8016 1113

The above monument has been scheduled under the Ancient Monuments and Archaeological Areas Act 1979. The extent of the area scheduled is shown in red on the attached map.

Yours faithfully

JP SYLVIA M SALMON (MRS)
Ancient Monuments Administration



Yst: adgynlais Penrhos

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1-88

Gwern-Gyrlais

MID AND WEST WALES EURO CONST

BRECON AND RADNOR CO CONST

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WELSH
HISTORIC
MONUMENTS

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Ancient Monuments Administration

Pm 19333

Full Management Report - Internal Use
SAM Information Section 1 (General Information)

SAM No: BR198(POW)	AI No: 1	File No: 6421	Schedule Ref: 17/6421/BR198(POW)//
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SAM Name: Ynysgedwyn Colliery, Fan House

	Traditional	Qualifier	NGR-X	NGR-Y	Scheduled:
NGR	SN801111	0	280100	211100	Yes
	1:50, 000	1:10, 000	1:2, 500		
Primary	160	SN81SW	SN8011		

Additional

Unitary Authority(UA): Powys	Community: Ystradgynlais
Area(Ha): 0.02	Primary Class: Industrial
	Additional Class:

Summary:

**Full Management Report - Internal Use
SAM Information Section 1 (General Information)**

SAM No: BR198(POW) **SAM Name:** Ynysgedwyn Colliery, Fan House

Archaeological History:

Events	Name	Date
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Sources:

Type	Collection	Author	Year
Descriptive text	AM7	Wakelin A P	1991
Title:		Other:	

Type	Collection	Author	Year
Photograph			
Title:		Other:	

Type	Collection	Author	Year
Map	1:10,000 / 1:2,500		
Title:	Current Scheduled Area	Other:	

Type	Collection	Author	Year
Descriptive text		Hill A	1991
Title:	Coal Mining: A Technological Chronology	Other:	

Type	Collection	Author	Year
Descriptive text		Reynolds P & Hughes	1988
Title:	Industrial Archaeology of the Swansea Re	Other:	

Type	Collection	Author	Year
Descriptive text		Gerwin-Thomas W G	
Title:	Industrial Archaeology of the Swansea Va	Other:	

Type	Collection	Author	Year
Descriptive text			1993
Title:	935052-44	Other:	

Type	Collection	Author	Year
Descriptive text	AM107	Cliff J	2002
Title:		Other:	

Type	Collection	Author	Year
Photograph	AM107	Cliff J	2002
Title:	View from the West	Other:	JTC 10-18

Full Management Report - Internal Use
SAM Information Section 1 (General Information)

SAM No: BR198(POW)

SAM Name: Ynysgedwyn Colliery, Fan House

Type	Collection	Author	Year
Photograph	AM107	Cliff J	2002
Title:	From the north-east: uncovered foundation line parallel to the damper area.	Other: JTC 10-19	

Type	Collection	Author	Year
Photograph	AM107	Cliff J	2002
Title:	View from the East	Other: JTC 10-20	

Type	Collection	Author	Year
Photograph	AM107	Cliff J	2002
Title:	Showing pronounced lean of brickwork	Other: JTC 10-21	

Type	Collection	Author	Year
Aerial photograph	Aerial Monitoring Programme	RCAHMW	2001
Title:		Other: 2001/5001-49	

Full Management Report - Internal Use
SAM Visit Description Text

SAM No: BR198(POW)	SAM Name: Ynysgedwyn Colliery, Fan House
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Visit Date: 16/05/1991

Visited By: Wakelin A P

Description Text: (AM7) The ruined remains of Guibal Fanhouse built to ventilate Ynysgedwyn Colliery in the late 19th century, probably circa 1880. The building consisted of a rectangular stone chamber with a tower at one end topped with a yellow brick evisee through which the air was expelled. The chamber was circular in longitudinal section and contains a rotary fan operated by the steam engine adjacent to it. The sides of the chamber have been demolished or collapsed at the end furthest from the evisee. The remaining section of the curving roof is lined with planks. Yellow brick bearings near the centre of the circle carried the central shaft of the fan and there is a continuous iron runner set into the stonework marking the outer edge of the blades. The building is in derelict condition and some loose bricks and stones may be falling from it. Nevertheless the majority of the upstanding remains appear stable. The development of mechanical ventilation in coal mines was crucial to the improvement of safety and the extension of working potential during the late 19th century. The Guibal Fan was one of the earliest to come into general use and was the most successful, nearly 200 being installed within 14 years of its being patented in 1862. More of this type of fan were installed than all others put together. This is the only known Guibal Fanhouse to survive in Wales and one of only four remaining in the British Isles. One later example at Hunt Cliff in Cleveland is a scheduled ancient monument in the care of the National Trust.

Visit Date: 22/05/2002

Visited By: Cliff J

Description Text: As described in the schedule though there has been some deterioration of the site. I was informed by the owner that demolition of the site was initially carried out by the NCB in the 1970's following widespread concern at the time about the dangers of open shafts. This involved demolishing the fan chamber and other buildings and using this to block the shaft. A photograph in Hughs & Reynolds (1988) appears to show the chamber in its present condition but with the fan still present.

The NCB then employed Army engineers to demolish the tower by blowing out its foundations with dynamite. This was halted when structural damage started to appear in neighbouring properties. Stone is missing from the corner bases of the tower as a result of this. Two pronounced cracks in the tower, one in the west wall and one on the south side between the tower and the fan chamber may also stem from this. Within the last ten years the cornices have become dislodged from the tower. There is now ivy and shrubs growing on top. As a result the brickwork below, to a depth of a couple of metres or so, to where iron bosses are in place has become very unstable. It is bulging outwards considerably and bricks are falling regularly.

Recently the owner has re-orientated a track toward the north of the building using a JCB. When he was re-contouring the area to the south before seeding he revealed a stone foundation line to the south of the tower (photo 10-19).

Ref: Hughes S & Reynolds P. A Guide to the Industrial Archaeology of the Swansea Region (1988)