

Desk-based Assessment:

Tower Colliery, Hirwaun, Rhondda Cynon Taf

November 2019
(Updated September 2022)



Report No. 1848

By

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(Update by Charley James-Martin)




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Prepared for Tower Regeneration Ltd

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Non-technical Summary

In July 2022 Archaeology Wales was commissioned by Tower Regeneration Ltd. to conduct an archaeological desk-based assessment and site visit to determine the archaeological potential of land adjacent to the former Tower Colliery, Hirwaun, Rhondda Cynon Taf, centred on NGR SN 94746 05273. The assessment has been undertaken in advance of the submission of a planning application for the proposed construction of 130 new residential properties, a hotel, petrol filling station and other commercial properties, and properties for employment use.

There are 234 sites of archaeological interest within the 1km study area. Seven non-designated site lies within the boundary of the development; Hirwaun Common Rifle Range (GGAT07928m), Bute Colliery and Hirwaun Tramway (GGAT02498.0m), Hirwaun Common, West: area north of Bute Pit (GGAT09444m), two Trackside features, north of Bute Pit, Hirwaun Common (GGAT09857m & GGAT09858m), Old Level, northwest of Bute Pit, Hirwaun Common (GGAT09860m) and Former tramroad to Four Feet Level area, Hirwaun Common (GGAT09894m). These are all listed as being moved/destroyed. There is one Scheduled Monument and four Grade II Listed Buildings; comprising of Tramway Causeway and Bridge at Hirwaun Ironworks (LB 26827), the Hirwaun War Memorial Clock Tower (LB 26828), The Nebo Independent Chapel (LB 21370), and 44 Swansea Road (LB 10898) within the 1km study area. No new sites of archaeological interest were identified during the assessment.

No Conservation Areas or Registered Historic Park & Garden will be directly or indirectly affected by the proposed development. There is a potential for the Registered Historic Landscapes of East Fforest Fawr and Mynydd-y-Glog (HLW (MGI) 3), and The Rhondda (HLW (MGI) 5) to be indirectly affected by the proposed development.

There are several designated assets within the 3km search area which could be potentially indirectly impacted by the development. These comprise five Scheduled Monuments; the Hirwaun Ironworks (BR157) and the Remains of Gamlyn Railway Viaduct (GM533) and fourteen Listed Buildings. However, these sites are visually obscured by the intervening topography, vegetation and built landscape. Therefore, overall indirect impact on the surrounding assets will be Negligible.

The proposed development has the potential to directly impact the locations of seven heritage assets. Previous non-intrusive archaeological work was unable to establish any physical remains of these features. The area has been subject to large scale industrial works and reclamation, it is unlikely that any physical remains are intact.

There is a potential for there to be indirect impacts on some of the designated assets within the area. The indirect impacts are the potential visual impacts from the designated assets towards the development site. The mitigation suggested in this report is that the current level of tree growth and vegetation screening the site is maintained.

Crynodeb Annhechnegol

Ym mis Gorffennaf 2022 comisiynwyd Archeoleg Cymru gan Tower Regeneration Ltd. i gynnal asesiad desg archeolegol ac ymweliad safle i bennu potensial archeolegol y tir gerllaw hen Dŵr Pwll Glo, Hirwaun, Rhondda Cynon Taf, sydd wedi'i chanoli ar NGR SN 94746 05273. Cynhaliwyd yr asesiad cyn cyflwyno cais cynllunio ar gyfer y Gwaith arfaethedig i adeiladu 130 o dai preswyl newydd, gwesty, gorsaf betrol ac adeiladau masnachol arall, ac eiddo ar gyfer defnydd cyflogaeth.

Mae 234 o safleoedd o ddiddordeb archeolegol o fewn 1km o'r ardal yr astudiaeth. Maes Reifflau Comin Hirwaun (GGAT07928m), Pwll Glo Bute a Thramffordd Hirwaun (GGAT02498.0m), Comin Hirwaun, Gorllewin: yr ardal i'r gogledd o Bwll Bute (GGAT09444m), dwy nodwedd ymyl y trac, i'r gogledd o Bwll Bute, Comin Hirwaun (GGAT09857m & GGAT098), Hen Lefel, i'r gogledd-orllewin o Bwll Bute, Comin Hirwaun (GGAT09860m) a chyn ardal dramffordd i Lefel Pedwar Troedfedd, Comin Hirwaun (GGAT09894m). Mae'r rhain i gyd wedi'u rhestru fel rhai sy'n cael eu symud/dinistrio. Mae un heneb gofrestredig a phedwar adeilad rhestredig gradd II; yn cynnwys Tramsarn a Phont yng ngwaith haearn Hirwaun (LB 26827), Tŵr-cloc Cofeb Rhyfel, Hirwaun (LB 26828), Capel Annibynnol Nebo (LB 21370), a 44 Heol Abertawe (LB 10898) o fewn yr 1km ardal astudiaeth. Ni nodwyd unrhyw safleoedd o ddiddordeb archeolegol newydd yn ystod yr asesiad.

Ni fydd y datblygiad arfaethedig yn effeithio'n uniongyrchol nac yn anuniongyrchol ar unrhyw Ardaloedd Cadwraeth nac unrhyw Gerddi a Pharc Hanesyddol Rhestredig. Mae potensial i dirweddau hanesyddol cofrestredig; Dwyrain Fforest Fawr a Mynydd-y-glog (HLW (MGI) 3), a'r Rhondda (HLW (MGI) 5) gael eu heffeithio'n anuniongyrchol gan y datblygiad arfaethedig.

Mae nifer o asedau dynodedig o fewn yr 3km ardal chwilio a allai gael eu heffeithio'n anuniongyrchol gan y datblygiad. Mae'r rhain yn cynnwys dwy Heneb Gofrestredig; Gweithfeydd Haearn Hirwaun (BR157) ac olion Traphont Rheilffordd Gamlyn (GM533) a hefyd phedwar ar ddeg o adeiladau rhestredig. Fodd bynnag, mae'r safleoedd hyn wedi'u cuddio'n weledol gan y topograffi, y llystyfiant a'r dirwedd adeiledig. Felly, prin iawn fydd yr effaith anuniongyrchol gyffredinol ar yr asedau cyfagos.

Mae gan y datblygiad arfaethedig y potensial i gael effaith uniongyrchol ar leoliadau saith ased treftadaeth. Nid oedd gwaith archeolegol anymwthiol blaenorol yn gallu sefydlu unrhyw weddillion ffisegol o'r nodweddion hyn. Mae'r ardal wedi bod yn destun gwaith diwydiannol ar raddfa fawr ac adfer, mae'n annhebygol bod unrhyw weddillion ffisegol yn gyfan.

Mae'n bosibl y ceir effeithiau anuniongyrchol ar rai o'r asedau dynodedig o fewn yr ardal. Yr effeithiau anuniongyrchol yw'r effeithiau gweledol posibl o'r asedau dynodedig tuag at y safle datblygu. Y lliniaru a awgrymir yn yr adroddiad hwn yw gynnal y lefel bresennol o dyfiant coed a sgrinio llystyfiant.

1 Introduction

- 1.1 In July 2022 Archaeology Wales (AW) was commissioned by Tower Regeneration Limited to carry out an archaeological desk-based assessment ahead of the proposed construction of 130 new residential properties, a hotel, petrol filling station and other commercial properties, and properties for employment use on land adjacent to the former Tower Colliery, Hirwaun, Rhondda Cynon Taf, approximately centred on NGR SN 94746 05273 (Figure 1).
- 1.2 This assessment has been prepared prior to the submission of a planning application. The purpose of the desk-based assessment, which is detailed in the following report, is to provide Glamorgan-Gwent Archaeological Trust Archaeological Planning Management (GGAT-APM), advisors to the local planning authority Rhondda Cynon Taf County Borough Council Planning Authority, with the information they are likely to request in respect of the proposed development, the requirements for which are set out in Planning Policy (revised edition 11, 2021), Section 6 and Technical Advice Note (TAN) 24: The Historic Environment (2017). The work is to highlight and assess the impact upon standing and buried remains of potential archaeological interest and to ensure that they are fully investigated and recorded if they are disturbed or revealed as a result of subsequent activities associated with the development.

2 Site Description

- 2.1 The proposed development site measures approximately 40 hectares of reclaimed land associated with the adjacent Tower Colliery surface mine. It lies to the south of the A4061, to the east of Rhigos Road, and to the south of the A465, forming a valley hillside that generally rises from north to south away from the main village with the land to the north forming open mountainside. The plot consequently sits above the main village and forms a highly visible and prominent site from the existing, established residential areas nearby, as well as from panoramic views at various locations in both the immediate and wider localities across the valley.
- 2.2 The geology beneath the proposed development area comprises of mudstone, siltstone and sandstone belonging to the South Wales Lower Coal Measures Formation. This bedrock formed approximately 318 to 319 million years ago in the Carboniferous Period in a local environment previously dominated by swamps, estuaries, and deltas. The superficial deposits comprises of Till, Devensian - Diamicton. Deposits which formed up to 2 million years ago in the Quaternary Period in a local environment previously dominated by ice age conditions (BGS, 2022).

3 Methodology

- 3.1 The primary objective of this desk-based assessment is to assess the impact of the development proposals on the historic environment. This will help inform future decision making, design solutions and potential mitigation strategies. The aim is to make full and effective use of existing information in establishing the archaeological significance of the site, to elucidate the presence or absence of archaeological material,

its character, distribution, extent, condition, and relative significance.

3.2 The work includes a comprehensive assessment of regional context within which the archaeological evidence rests and aims to highlight any relevant research issues within national and regional research frameworks.

3.3 This report provides information of sufficient detail to allow informed planning decisions to be made which can safeguard the archaeological resource. Preservation in situ has been advocated where at all possible, but where engineering or other factors could result in the loss of archaeological deposits, preservation by record has been recommended.

3.4 This assessment considers the following:

a) The nature, extent, and degree of survival of archaeological sites, structures, deposits, and landscapes within the study area through assessment of various readily available primary sources:

- Collation and assessment of all relevant information held in the regional HER at the Glamorgan-Gwent Archaeological Trust within a 1km buffer zone around the proposed development area.
- Collation and assessment of the impact on all Designated archaeological sites (Scheduled Ancient Monuments, Listed Buildings, Historic Parks & Gardens, landscapes, Conservation Areas) within 3km buffer zone around the proposed development area.
- Assessment of all available excavation reports and archives including unpublished and unprocessed material affecting the site and its setting.
- Assessment of aerial photographic (AP) and satellite imagery evidence;
- Assessment of archive records held at the County Archive, the National Library of Wales (NLW) and the Royal Commission on Ancient and Historical Monuments in Wales (RCAHMW).
- Records held by the developer e.g. bore-hole logs, geological/geomorphological information, aerial photographs, maps, plans, ztv data.
- Map regression analysis using all relevant cartographic sources e.g. all editions of the Ordnance Survey County Series, Tithe and early estate maps (as available).
- Place-name evidence.
- Historic documents (e.g. charters, registers, estate papers):

a) The significance of any remains in their context both regionally and nationally and in light of the findings of the desk-based study.

b) The history of the site.

c) The potential impact of any proposed development on the setting of known sites of archaeological importance.

- d) The potential for further archaeological remains to be present, which have not been identified in pre-existing archaeological records.
- e) The potential for further work, with recommendations where appropriate for a suitable investigative and/or mitigation methodology.
- 3.5 In assessing the value of archaeological assets, and the potential impacts upon them by the proposed development, the terms and guidance used in the Design Manual for Roads and Bridges, Volume 11, Section 3 (Highways England 2007) has been utilised. Values are given as:
- Very High (World Heritage Sites and other sites of international importance);
 - High (Scheduled Monuments, undesignated assets of schedulable quality, assets of National importance that can contribute significantly to acknowledged national research objectives);
 - Medium (Designated or undesignated assets of regional importance that contribute to regional research objectives);
 - Low (assets of local importance, assets compromised by poor preservation or poor survival of contextual associations);
 - Negligible (assets with little or no surviving archaeological interest);
 - Unknown (the importance of the resource has not been ascertained).
- 3.6 The magnitude of the potential impact on the archaeological assets (which can be either positive or negative), is given as:
- Major (change to most or all key archaeological materials, such that the resource is totally altered; comprehensive changes to setting);
 - Moderate (changes to many key archaeological materials, such that the resource is clearly modified; considerable changes to setting that affect the character of the asset);
 - Minor (changes to key archaeological materials, such that the asset is slightly altered; slight changes to setting);
 - Negligible (very minor changes to archaeological materials, or setting);
 - No Change
- 3.7 This work conforms to the Standard and Guidance for Archaeological Desk-Based Assessment, as produced by the Chartered Institute for Archaeologists (CIfA 2014).

4 Archaeological and Historical Background

4.1 Previous Archaeological Studies

- 4.1.1 There are twenty-one previous archaeological investigations recorded on the regional Historic Environment Record within a 1km buffer zone around the proposed development area.
- 4.1.2 In 1941 an excavation was undertaken on a Cairnfield at Twyn Bryn-Hir by Fox and Murray-Threipland. Nine cairns and burial mounds were completely excavated, and sections cut into three others on the main site. On the second site five out of the nine

cairns were examined (PRN E000512).

- 4.1.3 In 1976 the Royal Commission on the Ancient and Historical Monuments of Wales (RCAHMW) surveyed the Hirwaun Causeway/Penderyn Railway/Aberdare Canal. It was recorded as a large early nineteenth century dry-stone embankment, characteristic of early railway construction. (PRN E000551).
- 4.1.4 The Ironbridge Gorge Museum Trust Archaeological Unit conducted a field survey of the remains of the Hirwaun Ironworks ahead of a proposed reclamation scheme in 1993. This included a recording of all existing earthworks, and an investigation of the ironworks water supply, as well as gave recommendations regarding the approach to conservation and interpretation of the site (PRN E003867).
- 4.1.5 The Hirwaun Ironworks Reclamation Scheme generated several reports for Taylor Woodrow: In 1995 Glamorgan-Gwent Archaeological Trust (GGAT) conducted two watching briefs. One was at a site near the Hirwaun Bypass (PRN E002374), conducted for the import and export of fill material for the bypass. The second was in an area being excavated for use as a land fill in Hirwaun (PRN E003989). No archaeological remains were encountered. In 1996, GGAT conducted another watching brief continuing the site of works for the land fill (PRN E003990). Archaeological features discovered included three brick walls which were possibly part of a culvert. Also, in 1996, GGAT conducted another watching brief, following a desk-based assessment in 1994 and a survey in 1995, for works on an area of land near Hirwaun Iron Works for the import and export of fill materials (PRN E002394). Two features were encountered: a structure of mortared stone and slag blocks interpreted as a culvert for the Afon Cynon; the other was a brick culvert probably associated with the railway lines formerly crossing the site.
- 4.1.6 In 1999 borehole survey was conducted by Professor F M Chambers and Dr E W Cloutman University of Gloucestershire and Dr P D M Hughes University of Southampton, commissioned by The Countryside Council for Wales to aid accurate categorisation of the site in support of its notification as a SSSI (PRN E004881).
- 4.1.7 The building of the A465 dual carriageway from Abergavenny to Hirwaun generated desk-based and non-intrusive archaeological works in 2003 (PRN E004946).
- 4.1.8 In 2004 a field visit was undertaken by Glamorgan-Gwent Archaeological Trust (GGAT) as part of the South East Wales Industrial Ironworks Landscapes Project (GGAT80 SEWILL Yr1). To assess the survival/condition of ironworks and related features (PRN E000044).
- 4.1.9 Between 2005 and 2010 GGAT conducted the Southeast Wales Industrial Ironworks Project. This project was instigated in response to the ongoing threats faced by the industrial remains of southeast Wales. The aim of the project was to assess the current state of survival/preservation of ironworks landscapes in the northern coalfield rim to inform conservation, protection and management of these monuments and their associated landscapes (PRN E000954).
- 4.1.10 A field visit was undertaken in 2005 by GGAT at Tappenden's Tramroad East and West. It was concluded that approximately 20% of the entire tramroad survives with numerous features in situ (PRN E001996).

- 4.1.11 In 2006 GGAT was commissioned by the Countryside Council for Wales to undertake a management report (with a site visit) for Ty Draw Farm, Rhigos, Aberdare, as part of the Tir Gofal scheme (whole farm agri-environment scheme for Wales which encourages farmers to maintain and enhance the agricultural landscape). The report contains general observations, identifies conservation needs of historic features associated with the farm, and provides specific management recommendations to preserve the archaeological resource (PRN E005161).
- 4.1.12 In 2011 GGAT undertook an archaeological watching brief during the excavation of trial pits in advance of a mains renewal scheme at Hirwaun Industrial Estate, Hirwaun. A total of eight trial pits were observed during excavation. No archaeologically significant features, deposits or structures were encountered. Similarly, no artefactual material was recovered from the excavations (PRN E003405).
- 4.1.13 In 2012 Mr and Mrs Humphreys undertook a photographic survey of Nebo Chapel, Merthyr Road, Hirwaun prior to working on the structure. Though it was not recommended as a planning condition (as it has already been previously recorded for a book) the survey was provided as an additional and independent study (PRN E002180).
- 4.1.14 Between 2021 and 2022, Archaeology Wales undertook multiple archaeological watching briefs and an archaeological SMR in areas of Hirwaun under the mitigation of the A465 extension works. These included:
- A SMR located in area of Afon Cynon next to the A465. The strip uncovered the remains of a 19th century farmstead with associated cobbled yards and dry-stone wall field boundaries.
 - A watching brief and an SMR in the area of Trewaun, Hirwaun for a number of linear industrial features to the east of the proposed development. The strip uncovered the remains of a large earthwork bank associated with the Aberdare to Rhondda tramway, an earthwork and gravel track also associated with the Aberdare to Rhondda tramway, a road which was once part of the Hirwaun Common Railway, another trackway associated with the Aberdare to Rhondda Railway and the possible remains of a tramline which connected Knobby Drift Ironstone mine with a smithy to the north.

4.2 Identified sites of archaeological interest

4.2.1 There are 234 sites of archaeological interest within the 1km study area (Figure 1-5, Table 1). These include four Grade II Listed Buildings, one Scheduled Monument, and one Site of Special Scientific Interest (SSSI). Seven of these sites are located inside the development area; Hirwaun Common Rifle Range (GGAT07928m), Bute Colliery and Hirwaun Tramway (GGAT02498.0m), Hirwaun Common, West: area north of Bute Pit (GGAT09444m), two Trackside features, north of Bute Pit, Hirwaun Common (GGAT09857m & GGAT09858m), Old Level, northwest of Bute Pit, Hirwaun Common (GGAT09860m) and Former tramroad to Four Feet Level area, Hirwaun Common (GGAT09894m). The remaining sites lie outside of the proposed development area.

Table 1. Sites of archaeological interest within the 1km study area

PRN; NPRN; LB; SM	Name	NGR	Period	Condition	Status
GGAT00006m	Cairn field, Twyn Bryn-Hir	SN93770662	Bronze Age	Destroyed	
GGAT01039.1m	Pontwalby Power Operated 2 Stage Incline	SN925075	Post-Medieval	Damaged	
GGAT01039.2m	Manchester Place Tramway	SN96080540	Post-Medieval	Destroyed	
GGAT01092m	Bryn Y Gaer	SN94440649	Post-Medieval	Not known	SSSI
GGAT01093.0m; LB 26827; NPRN 34847; NPRN 34649	Hirwaun Causeway, Penderyn Railway, Aberdare Canal	SN95750565	Post-Medieval	Near intact	Grade II LB
GGAT01109m; BR157; NPRN 40381	Hirwaun Ironworks	SN95770592	Post-Medieval	Near destroyed	Scheduled Monument
GGAT01275m; NPRN 301371	Inscribed Stone - Hirwaun Common	SN9505	Early Medieval	Not known	
GGAT01796m	Hirwaun Toll House	SN94120589	Post-Medieval	Not known	
GGAT01797m; NPRN 226638	Crawshays Tower	SN9412004392	Post-Medieval	Not known	
GGAT01798m	Building, Glyneath to Aberdare Tramway	SN95160550	Post-Medieval	Not known	
GGAT01799m	Manchester Place	SN95650542	Post-Medieval	Not known	
GGAT01800m	Hirwaun Ironworks Water Pump	SN95250590	Post-Medieval	Not known	
GGAT01801m; NPRN 33130	Hirwaun	SN95620599	Multi-period	Not known	
GGAT01802m	Cardiff Arms Coaching House	SN95770567	Post-Medieval	Not known	
GGAT01803m	Workers cottages, Hirwaun	SN95730556	Post-Medieval	Not known	
GGAT01804m	Kendon Square Sweetshop	SN95870553	Post-Medieval	Not known	
GGAT01805m	Palace Cinema	SN956056	Post-Medieval	Not known	

GGAT01806m	Maes y Rhydiau Farm	SN95920583	Post-Medieval	Not known	
GGAT01808m	Stone road bridge	SN95120620	Post-Medieval	Not known	
GGAT01809m; NPRN 402061	Hirwaun Ponds	SN94800599	Post-Medieval	Not known	
GGAT01815.0m	A185 Desk-Based Assessment L1	SN95300550	Post-Medieval	Not known	
GGAT02211m; LB 10898; NPRN 20013	44 Swansea Road, Town house	SN9610005480	Post-Medieval	Intact	Grade II LB
GGAT02498.0m	Bute Colliery and Hirwaun Tramway	SN95200505	Post-Medieval	Not known	
GGAT02880m	Hirwaun Ironworks Afon Cynon Culvert	SN95530593	Post-Medieval	Not known	
GGAT02881m	Hirwaun Ironworks Railway Culvert	SN95580595	Post-Medieval	Not known	
GGAT03168m	256 Culvert, Aberdare-Rhondda Tramroad	SN95820506	Post-Medieval	Damaged	
GGAT03210m	251 Pig-Pens	SN95440535	Post-Medieval	Damaged	
GGAT03219m	277 Hirwaun Common Railway (branch line)	SN96170500	Post-Medieval	Damaged	
GGAT03220m	276 The Hirwaun Common Mineral Railway	SN94950618	Post-Medieval	Damaged	
GGAT03221.0m	275 Tramway Branch-Hirwaun Common Railway	SN95970500	Post-Medieval	Near destroyed	
GGAT03222m	273 Tramroad	SN95660520	Post-Medieval	Near destroyed	
GGAT03223.0m	255B Tramroad B – branch of the Aberdare and Rhondda Tramroad	SN95810512	Post-Medieval	Damaged	
GGAT03224m	255 Railway A - Aberdare and Rhondda railway	SN95780514	Post-Medieval	Near destroyed	
GGAT03227m	253 Turfstone Walled Landscape	SN95250533	Post-Medieval	Damaged	
GGAT03231.0m	255c Tramroad C	SN95870510	Post-Medieval	Near destroyed	
GGAT03232m	274 Knobby Drift Ironstone Pit, Johnson Park	SN95590491	Post-Medieval	Near destroyed	
GGAT03233m	254 Coal Tips, Bryngelli Estate	SN95200534	Post-Medieval	Near intact	
GGAT05190m	Bute Pit	SN95230470	Post-Medieval	Not known	
GGAT06020m	Knobby Drift Culvert, near Hirwaun	SN95320499	Post-Medieval	Damaged	
GGAT07808m; LB 21370;	Nebo Chapel, Merthyr Road	SN95900552	Post-Medieval	Intact	Grade II LB

NPRN 8889					
GGAT07928m; NPRN 419301	Hirwaun Firing Range, Rhondda Cynon Taff, Rhigos	SN94900534	Modern	Destroyed	
GGAT08091m; NPRN 507369	Cairn, Hirwaun Common	SN93750424	Unknown	Damaged	
GGAT08098m	Tower Graig Tramway, near Hirwaun Common	SN93860525	Post-Medieval	Near Destroyed	
GGAT08411m	Royal Observer Corps Monitoring Post, Hirwaun	SN95110609	Modern	Near Destroyed	
GGAT08465.2m	Bryngwyn Extension, Mr Glover's Railroad	SN9605405351	Post-Medieval	Near intact	
GGAT08466m	Stone Blocks, Mr Glover's Railroad	SN9588205751	Post-Medieval	Not known	
GGAT08467m	Stone Blocks and Causeway, Mr Glover's Railroad	SN95870585	Post-Medieval	Not known	
LB 26828	Hirwaun War Memorial Clock Tower	SN9574905649	Modern	Not known	Grade II LB
NPRN 85176, 85175, 85174, 85173	Hirwaun Ironworks: Furnaces No. 4, No. 3, No. 2, No. 1	SN95740584	Post-Medieval	Not known	
NPRN 422074	Tower Colliery Opencast Mine Workings	SN94590495	Post-Medieval	Not known	
NPRN 86950	Hirwaun Common	SN9504	Prehistoric	Intact	
NPRN 34640	Hirwaun Ironworks: Glover's Tramroad Bridge	SN9585905697	Post-Medieval	Not known	
NPRN 91589	Towers And The Beacons, Hirwaun	SN95710525	Post-Medieval	Not known	
NPRN 13457	Mission Room, Hirwaun	SN9564005758	Post-Medieval	Destroyed	
NPRN 13458	Baptist Chapel, Foundry Road, Hirwaun	SN95590548	Post-Medieval	Not known	
NPRN 13461	Wesleyan Methodist Chapel, Penyard Road, Hirwaun	SN95910576	Post-Medieval	Not known	
NPRN 85007	Tower (Old) Colliery, Hirwaun	SN94890484	Post-Medieval	Not known	
NPRN 91588	Tower Graig Level, Hirwaun	SN93570470	Post-Medieval	Not known	
NPRN 91587	Tower Drift Mine, Hirwaun	SN94140476	Post-Medieval	Not known	
NPRN 24478	Sheepfold South Of Llethr Las	SN932042	Post-Medieval	Not known	
NPRN 421664	St Theresa Of Lisieux Catholic Church, Hirwaun	SN9579105660	Modern	Not known	
NPRN 308127	Hirwaun Royal Ordnance Factory, Hirwaun	SN9350006300	Modern	Not known	
NPRN 88070	Bridge West Of Rhigos Halt, Hirwaun	SN93090692	Post-Medieval	Not known	
NPRN 8914	Ramoth Welsh Baptist Chapel, Trevenock Place,	SN95870556	Post-Medieval	Modified	

	Hirwaun				
NPRN 8948	Soar Wesleyan Methodist Chapel (Cofeb Blaen-Gwawr), Station Road, Hirwaun	SN95810567	Post-Medieval	Destroyed	
NPRN 8932	Penyard Calvinistic Methodist Chapel	SN9505	Post-Medieval	Not known	
NPRN 8923	Bethel Welsh Calvinistic Methodist Chapel, Wind Street, Hirwaun, Aberdare	SN95990555	Post-Medieval	Modified	
NPRN 8898	Tabernacle Independent Chapel, Harris Street, Hirwaun	SN95840544	Post-Medieval	Destroyed	
NPRN 8888	Mount Pleasant English Independent Chapel, Harris Street, Hirwaun	SN95820543	Post-Medieval	Intact	
NPRN 6153	Hirwaun Methodist Chapel (Wesleyan; Hirwain), Hirwaun	SN95920576	Post-Medieval	Not known	
NPRN 300329	Swansea Road,45, Hirwaun	SN96090548	Post-Medieval	Not known	
NPRN 286131; 286132; 286133; 286135	Bethel Place, 5; 6-7; 7-8; Nn, Hirwaun	SN95970552	Post-Medieval	Not known	
NPRN 286134; 286405; 286328	Wind Street, Mm; Pp; Qq, Hirwaun	SN95970557	Post-Medieval	Not known	
NPRN 286326; 286327	Penmark Row, 1-4; 5-14, Hirwaun	SN95310597	Post-Medieval	Not known	
NPRN 19020	High Street, 5-19 And 22-30, Hirwaun	SN9563805671	Post-Medieval	Not known	
NPRN 407328	Tower Coal Preparation Plant, Hirwaun	SN9423004970	Post-Medieval	Not known	
NPRN 409951	St Lleurwg's Church, Hirwaun	SN9582405642	Post-Medieval	Not known	
NPRN 507344	Llethr Las, Pylons IX	SN9328204683	Modern	Not known	
NPRN 507345; 507346	Nant-Y-Bwlch, Field Boundary I; II	SN9488304213	Post-Medieval	Not known	
NPRN 507347	Twyn Canwyllyr, Coal Level	SN9422204395	Post-Medieval	Not known	
NPRN 507348	Twyn Canwyllyr, Quarry I	SN9387804419	Post-Medieval	Not known	
NPRN 507349	Llethr Las, Trackway III	SN9375404537	Post-Medieval	Not known	
NPRN 507350	Llethr Las, Trackway IV	SN9368504612	Post-Medieval	Not known	
NPRN 507351	Llethr Las, Trackway IV	SN9372004594	Post-Medieval	Not known	
NPRN 507624	Tirherbert Colliery, Fan House	SN9307604755	Modern	Not known	
NPRN 507327	Padell-Y-Bwlch, Tramway I	SN9470104153	Post-Medieval	Not known	

NPRN 507328	Nant-Y-Bwlch, Coal Level III	SN9470904163	Post-Medieval	Not known	
NPRN 507329	Nant-Y-Bwlch, Spoil Tip VI	SN9471904215	Post-Medieval	Not known	
NPRN 507330	Nant-Y-Bwlch, Incline Engine House I	SN9444104241	Modern	Not known	
NPRN 507331	Nant-Y-Bwlch, Inclined Plane II	SN9442204304	Modern	Not known	
NPRN 507332	Tower Graig Level, Subsidence Pits	SN9353104636	Post-Medieval	Not known	
NPRN 507333; 507334	Llethr Las, Quarry I; II	SN9362104578	Post-Medieval	Not known	
NPRN 507625	Tirherbert Colliery, Field Bank	SN9314804777	Post-Medieval	Not known	
NPRN 507626	Tirherbert Colliery, Enclosure	SN9315804783	Modern	Not known	
NPRN 507627	Llethr Las, Track	SN9317504786	Post-Medieval	Not known	
NPRN 507628; 507629	Tower Collieries, Spoil Tip I; II	SN9350905085	Post-Medieval	Not known	
NPRN 507335	Llethr Las, Coal Level V	SN9380704556	Post-Medieval	Not known	
NPRN 507336; 507337; 507338; 507339; 507340; 507341; 507342; 507343	Llethr Las, Pylons I; II; III; IV; V; VI; VII; VIII	SN9404404533	Modern	Not known	
NPRN 507633; 507634	Tirherbert Colliery, Spoil Tip II; III	SN9302204765	Modern	Not known	
NPRN 507783	Twyn Canwyllyr, Long Hut IV	SN9374904449	Post-Medieval	Not known	
NPRN 507784	Padell-Y-Bwlch, Hut V	SN9414004112	Post-Medieval	Not known	
NPRN 507794	Twyn Canwyllyr, Settlement	SN9367204366	Post-Medieval	Not known	
NPRN 507802	Llethr Las, Subsidence Pit II	SN9406104724	Modern	Not known	
NPRN 507803	Twyn Canwyllyr, Subsidence Pit	SN9422004390	Post-Medieval	Not known	
NPRN 507457	Nant-Y-Bwlch, Trackway VI	SN9425504192	Post-Medieval	Not known	
NPRN 507458	Twyn Canwyllyr, Ditch I	SN9404904288	Unknown	Not known	
NPRN 507459	Twyn Canwyllyr, Trackway	SN9409804312	Post-Medieval	Not known	
NPRN 507460	Padell-Y-Bwlch, Tramway II	SN9475404115	Post-Medieval	Not known	
NPRN 507320	Nant-Y-Bwlch, Spoil Tip V	SN9454604341	Modern	Not known	
NPRN 507321	Nant-Y-Bwlch, Trackway III	SN9470104486	Modern	Not known	
NPRN 507322	Nant-Y-Bwlch, Culvert	SN9456404363	Modern	Not known	
NPRN 507323	Nant-Y-Bwlch, Coal Level II	SN9467404217	Post-Medieval	Not known	
NPRN 507324; 507325	Nant-Y-Bwlch, Subsidence Pits I; II	SN9466304209	Post-Medieval	Not known	
NPRN 507326	Nant-Y-Bwlch, Building Platform	SN9467604166	Post-Medieval	Not known	

NPRN 507440	Nant-Y-Bwlch, Cairn	SN9501104129	Unknown	Not known	
NPRN 507441	Nant-Y-Bwlch, Sheepfold II	SN9488504007	Post-Medieval	Not known	
NPRN 507355	Twyn Canwyllyr, Air Shaft	SN9408204432	Post-Medieval	Not known	
NPRN 507356	Twyn Canwyllyr, Track	SN9408504336	Post-Medieval	Not known	
NPRN 507357; 507358; 507359	Twyn Canwyllyr, Long Hut I; II; III	SN9370604343	Post-Medieval	Not known	
NPRN 507283	Llethr Las, Engine House	SN9361004943	Post-Medieval	Not known	
NPRN 507284	Llethr Las, Tramway I	SN9365304974	Modern	Not known	
NPRN 507285	Llethr Las, Wall	SN9370805004	Modern	Not known	
NPRN 507286	Llethr Las, Workman's Hut	SN9371304990	Modern	Not known	
NPRN 507287	Llethr Las, Subsidence Pits I	SN9375804971	Post-Medieval	Not known	
NPRN 507289	Llethr Las, Coal Level I	SN9379004887	Post-Medieval	Not known	
NPRN 507290	Llethr Las, Spoil Tip I	SN9380604944	Post-Medieval	Not known	
NPRN 507291	Llethr Las, Trackway I	SN9384704834	Modern	Not known	
NPRN 507292	Tower Graig Level, Incline	SN9364404844	Post-Medieval	Not known	
NPRN 507293	Llethr Las, Trackway II	SN9394104773	Modern	Not known	
NPRN 507294	Tower Graig Level, Trackway I	SN9374504761	Post-Medieval	Not known	
NPRN 507301	Llethr Las, Coal Level IV	SN9323704756	Post-Medieval	Not known	
NPRN 507302; 507303	Tower Graig Level, Building I; II	SN9357804702	Post-Medieval	Not known	
NPRN 507304	Tower Graig Level, Spoil Tip	SN9358004732	Post-Medieval	Not known	
NPRN 507453	Nant-Y-Bwlch, Coal Level IV	SN9427704228	Post-Medieval	Not known	
NPRN 507454; 507455	Nant-Y-Bwlch, Spoil Tips VI; VII	SN9430504242	Post-Medieval	Not known	
NPRN 507456	Nant-Y-Bwlch, Trackway V	SN9423904295	Post-Medieval	Not known	
NPRN 507305	Llethr Las, Subsidence Pits III	SN9396704646	Post-Medieval	Not known	
NPRN 507306	Llethr Las, Air Shaft III	SN9401904648	Post-Medieval	Not known	
NPRN 507313	Nant-Y-Bwlch, Coal Level I	SN9452304309	Modern	Not known	
NPRN 507314	Nant-Y-Bwlch, Inclined Plane I	SN9459604436	Modern	Not known	
NPRN 507315	Nant-Y-Bwlch, Coal Level Engine House	SN9454804319	Modern	Not known	
NPRN 507316; 507317; 507319	Nant-Y-Bwlch, Spoil Tip II; III; IV	SN9439504419	Modern	Not known	

NPRN 507318	Nant-Y-Bwlch, Trackway II	SN9464804328	Modern	Not known	
NPRN 507414	Nant-Y-Bwlch, Pylon Bases	SN9494504017	Modern	Not known	
NPRN 507415	Nant-Y-Bwlch, Sheepfold I	SN9506204174	Post-Medieval	Not known	
NPRN 507295; 507297	Llethr Las, Coal Level II; III	SN9402504649	Post-Medieval	Not known	
NPRN 507296; 507298	Llethr Las, Spoil Tip II; III	SN9406504677	Post-Medieval	Not known	
NPRN 507410; 507411; 507412	Nant-Y-Bwlch, Boundary Stone I; II; III	SN9520504150	Post-Medieval	Not known	
NPRN 507299; 507308	Llethr Las, Field Boundary I; II	SN9335204592	Post-Medieval	Not known	
NPRN 507300	Llethr Las, Air Shaft II	SN9325004747	Post-Medieval	Not known	
NPRN 507307	Llethr Las, Pit	SN9405604635	Post-Medieval	Not known	
NPRN 507309	Nant-Y-Bwlch, Spoil Tip I	SN9452104386	Modern	Not known	
NPRN 507310	Gorllwyn Level	SN9435105606	Post-Medieval	Not known	
NPRN 507311	Tower Graig Colliery, Trackway II	SN9349704866	Post-Medieval	Not known	
NPRN 507312	Nant-Y-Bwlch, Trackway I	SN9455404477	Modern	Not known	
NPRN 507371	Craig-Y-Bwlch, Sheepfold	SN9400004177	Post-Medieval	Not known	
NPRN 416798	Victoria Hall Cinema And Working Men's Institute, Hirwaun	SN9567205556	Modern	Destroyed	
GGAT08615m	Feeder leat, Hirwaun Pond	SN9413706068	Post Medieval	Moved	
GGAT08616m	Nant Ochain	SN9367705886	Post Medieval	Not Applicable	
GGAT08617m	New Pond, Hirwaun	SN9489205799	Post Medieval	Damaged	
GGAT08618m	Leat for Hirwaun Pond	SN9393705647	Post Medieval	Destroyed	
GGAT08619m	Nant-y-Cnapiau	SN9410404608	Post Medieval	Not Applicable	
GGAT08620m	Leat and Sluice for New Pond	SN9470405425	Post Medieval	Near Destroyed	
GGAT08621m	New Pond Leat	SN9491405630	Post Medieval	Near Intact	
GGAT08622m	Nant-y-Bwlch	SN9511704652	Not Applicable	Not Applicable	
GGAT08623m	Feeder leat for New Pond	SN9419905737	Post Medieval	Destroyed	

GGAT08624m	Reservoir at Bute Pit	SN9533204544	Post Medieval	Near Destroyed	
GGAT08625m	Feeder Leat for Reservoir at Bute Pit	SN9516904581	Post Medieval	Destroyed	
GGAT08626m	Outlet/Overflow Channel for Reservoir at Bute Pit	SN9524404570	Post Medieval	Near Destroyed	
GGAT08627m	Small Pond at Bute Pit	SN95234 04688	Unknown	Destroyed	
GGAT08628m	Feeder Channel for Reservoir North of Hirwaun	SN9537806199	Post Medieval	Damaged	
GGAT08630m	Leat Outlet from Reservoir North of Hirwaun	SN9561206153	Post Medieval	Near Intact	
GGAT08631m	Leat in Vicinity of Hirwaun Ironworks	SN9578105890	Post Medieval	Destroyed	
GGAT08632m	Leat for Hirwaun Brickworks	SN9604905613	Post Medieval	Near Intact	
GGAT08635m	Leat at Hirwaun Ironworks	SN9585005617	Post Medieval	Intact	
GGAT08638m	Reservoir at Hughes's Patch, Hirwaun	SN9311905951	Post Medieval	Destroyed	
GGAT08639m	Sluice for Reservoir Near Hirwaun Ironworks	SN9533704578	Post Medieval	Destroyed	
GGAT08645m	Sluice, Hirwaun Ironworks	SN9578005887	Post Medieval	Not Known	
GGAT08647m	Sluice at New Pond, Hirwaun	SN9491405692	Post Medieval	Not Known	
GGAT08649m	Water Storage tank at Hirwaun Ironworks	SN9584005822	Post Medieval	Not Known	
GGAT08650m	Water storage tank, Hirwaun Ironworks	SN9581805846	Post Medieval	Not Known	
GGAT08651m	Water storage tank, Hirwaun Ironworks	SN9584205864	Post Medieval	Not Known	
GGAT08652m	Water storage tank, Hirwaun Ironworks	SN9584605870	Post Medieval	Not Known	
GGAT08653m	Water storage tank, Hirwaun Ironworks	SN9585005874	Post Medieval	Not Known	
GGAT08654m	Water storage tank, Hirwaun Ironworks	SN9583805861	Post Medieval	Not Known	
GGAT08655m	Water storage tank, Hirwaun Ironworks	SN9583405857	Post Medieval	Not Known	
GGAT09348m	Rhigos Extractive Area	SN9418804430	Post Medieval	Moved	
GGAT09396m	Hirwaun Common, East: area west of Waungron	SN9581004904	Post Medieval	Moved	
GGAT09444m	Hirwaun Common, West: area north of Bute Pit	SN9516505119	Post Medieval	Moved	
GGAT09445m	Hirwaun Common, West: Knobby Drift	SN9552904879	Post Medieval	Moved	
GGAT09716m	Drift Mine, Hirwaun Common	SN9595304610	Post Medieval	Moved	
GGAT09717m	Horse Way Level, Hirwaun Common	SN9593204871	Post Medieval	Moved	
GGAT09718m	Circular Mound (former Pit or Shaft?), W of Horse Way Level, Hirwaun Common	SN9589204877	Post Medieval, Mode	Moved	

			rn		
GGAT09719m	Tramroad spur off the Aberdare Rhondda Railway, Hirwaun Common	SN9583804871	Post Medieval	Moved	
GGAT09720m	Aberdare Rhondda Railway, Hirwaun Common	SN9558405038	Post Medieval	Moved	
GGAT09760m	Tramroad, Hirwaun Common	SN9579804974	Post Medieval	Moved	
GGAT09855m	Rectangular water feature, Knobby Drift	SN9557304756	Post Medieval	Moved	
GGAT09856m	Engine House, Knobby Drift	SN9556904956	Post Medieval	Moved	
GGAT09857m	Trackside feature, N of Bute Pit, Hirwaun Common	SN9520304995	Post Medieval	Moved	
GGAT09858m	Trackside feature, N of Bute Pit, Hirwaun Common	SN9517704946	Post Medieval	Moved	
GGAT09859m	Trackside feature, N of Bute Pit, Hirwaun Common	SN9517204938	Post Medieval	Moved	
GGAT09860m	Old Level, NW of Bute Pit, Hirwaun Common	SN9505605086	Post Medieval	Moved	
GGAT09861m	Air Shaft, Hirwaun Common	SN9346704962	Post Medieval	Moved	
GGAT09862m, NPRN 507288	Air Shaft, Hirwaun Common	SN9372404893	Post Medieval	Moved	
GGAT09863m	Old Coal Level, Hirwaun Common	SN9406404826	Post Medieval	Moved	
GGAT09864m	Air Shaft, Hirwaun Common	SN9405104807	Post Medieval	Moved	
GGAT09865m	Trial Level, Hirwaun Common	SN9380904541	Post Medieval	Moved	
GGAT09866m	Air Shaft, Hirwaun Common	SN9407504423	Post Medieval	Moved	
GGAT09867m	Old Level, Hirwaun Common	SN9429004649	Post Medieval	Moved	
GGAT09868m	Gorllwyn Level, Hirwaun Common	SN9434704547	Post Medieval	Moved	
GGAT09871m	Trial Level, Hirwaun Common	SN9324804747	Post Medieval	Moved	
GGAT09872m	Linear Quarry, Hirwaun Quarry	SN9351704633	Post Medieval	Moved	
GGAT09873m	Quarry and tips, Hirwaun Common	SN9362504573	Post Medieval	Moved	
GGAT09874m	Platform, Hirwaun Common	SN9351304682	Post Medieval	Moved	
GGAT09876m	Long quarry workings, Hirwaun Common	SN9353604529	Post Medieval	Moved	
GGAT09877m	Boundary bank, Hirwaun Common	SN9380204476	Post Medieval	Moved	
GGAT09878m	Leat, Hirwaun Common	SN9374704604	Post Medieval	Moved	
GGAT09879m	Leat (Hush), Hirwaun Common	SN9378104650	Post Medieval	Moved	

GGAT09880m	Tower Craig Level Incline I, Hirwaun Common	SN9346904937	Post Medieval	Moved	
GGAT09881m	Culvert, Hirwaun Common	SN9351104819	Post Medieval	Moved	
GGAT09882m	Leat, Hirwaun Common	SN9373004589	Post Medieval	Moved	
GGAT09883m	Leat, Hirwaun Common	SN9377804645	Post Medieval	Moved	
GGAT09884m	Tower Craig Level Incline II, Hirwaun Common	SN9364804855	Post Medieval	Moved	
GGAT09885m	Trial Level?/Linear Working, N of Tower Craig Level	SN9379804916	Post Medieval	Damaged	
GGAT09886m	Quarry, SE of Tower Craig Level	SN9377204545	Post Medieval	Moved	
GGAT09887m	Leat, E of Tower Craig Level	SN9377704505	Post Medieval	Moved	
GGAT09888m	Old Ironstone Workings, E of Tower Craig Level	SN9395604690	Post Medieval	Moved	
GGAT09889m	Old Ironstone Workings, NW of Gorllwyn Level	SN9427604582	Post Medieval	Moved	
GGAT09891m	Track from Hirwaun to Rhyd-y-cyllyll	SN9368504358	Post Medieval	Moved	
GGAT09893m	Track to Tower Craig Level	SN9376904727	Post Medieval	Moved	
GGAT09894m	Former tramroad to Four Feet Level area, Hirwaun Common	SN9514105082	Post Medieval	Moved	
GGAT09895m	Former tramroad to Level NE of Four Feet Level, Hirwaun Common	SN9512205200	Post Medieval	Moved	
GGAT09896m	Former tramroad, N of Four Feet Level, Hirwaun Common	SN9514005224	Post Medieval	Moved	

4.3 The Historic Landscape

- 4.3.1 No Conservation Areas or Registered Historic Park & Gardens lie within the development area or within the 1km study area.
- 4.3.2 Two Registered Historic Landscapes are located within a 3km study area (Figure 6). East Fforest Fawr and Mynydd-y-Glog (HLW (MGI) 3) is located approximately 2km north-east of the proposed development area. The Rhondda (HLW (MGI) 5) is located approximately 2.6km south of the development area. Both of these landscapes are described as being landscapes of Special Historic Interest.

4.4 Scheduled Monuments

- 4.4.1 Scheduled Monuments (SM) are sites considered to be of national importance and have statutory protection under the Ancient Monuments and Archaeological Areas Act 1979. No Scheduled Ancient Monument lie within the boundary of the proposed development area, however there is one SM within 1km of the proposed development and a further four within the 3km study area (Figure 6).
- 4.4.2 The nearest SM being the site of the Hirwaun Ironworks (BR157). This is situated approximately 700m to the north-east of the development area. The Scheduled Monument is described below:
- 4.4.3 The Hirwaun Ironworks dates from 1757 when John Mayberry obtained a lease of 99 years from Lord Windsor for land at Hirwaun to erect a furnace. The works soon encountered financial difficulties and the lease was terminated. In 1780 Mayberry transferred the Hirwaun Ironworks to Anthony Bacon of Cyfarthfa. At some point during this period the ironworks converted from charcoal to coke to fire the furnaces, and this became the first in Wales to do so. However, it is unclear as to whether Bacon or Mayberry were responsible for the conversion. In 1803 Bacon's son and heir, Anthony, leased the ironworks to Homfray, Bowcer and Oliver. Homfray was soon replaced by George Overton, and this new partnership subsequently developed the site. This development consisted of two well-constructed furnaces, two cast houses, an air furnace and two fineries, a blast engine on Boulton and Watt's principle, with a blowing cylinder working through a water regulator, a forge with ten puddling furnaces and five balling furnaces and a Trevithick steam engine working two pairs of puddling and a pair of finishing rollers capable of rolling 80 to 100 tons weekly. Nonetheless, in 1813 the firm became bankrupt and the site was unoccupied until 1819. William Crawshay II bought the ironworks in 1819 and incorporated it with his works at Cyfarthfa. In the following years four new blast furnaces were built, with associated engine-house and mill-house. Output was improved and continued to rise with 7,020 tons of iron being produced in 1826 and 9,370 tons in 1830. The furnaces were in blast for the first six months of 1859 after which the Crawshay's abandoned the site. The works reverted to the landowner, the Marquis of Bute, and in 1864 was leased to Handel Cossham and Thomas Challender Hinde who put two furnaces in blast. Between 1865 and 1866 when the works was under the control of the Hirwaun Iron and Coal Company the remaining two furnaces were repaired. However, operations were short lived and in 1867 the word 'iron' was dropped from the title of

the company. When the Hirwaun Ironworks was advertised for sale in 1870 it was described as having four furnaces with a powerful blast engine, arrangements for utilising waste gases, hot air stoves, a spacious forge and mills with powerful engine, trains of rolls, nineteen puddling furnaces, forges and steam hammers. No interested parties came forward and the Hirwaun Coal Company was wound up. The ironworks site remained unoccupied until 1880 when the Stuart Iron, Steel and Tin Plate Company took it over. The Hirwaun Ironworks was renamed the Stuart Ironworks and some improvements were made to the furnaces. However, little production of iron took place and the works later became a general foundry. The works were abandoned in 1905 (Cadw SM Report; Grant, 1991).

- 4.4.4 The site currently comprises of four ruinous blast furnaces which survive as overgrown earthen mounds showing variable amounts of outer brickwork, both in situ and fallen. Aligned WNW-ESE they are separated from the charge bank by a blast passage. In addition to the ruins of the blast furnaces, the site retains a massive tramroad causeway and bridge (Cadw SM Report).
- 4.4.5 The second Scheduled Monument is remains of Gamlyn Railway Viaduct (GM533). The remains are approximately 2.8km east of the development area. The Scheduled Monument is described below:
- 4.4.6 The viaduct is described as a timber fan trestle viaduct designed by Isambard Kingdom Brunel. It was built between 1854 and 1857 and comprises of a high viaduct of timber on stone piers, which was designed to reduce the costs of new railways. The Gamlyn viaduct was one of the largest in South Wales. The line was built as a double track broad gauge railway using Barlow rails without sleepers. The remains include two approach embankments, ten stone piers and two abutments (Cadw SM Report).
- 4.4.7 The remaining three SMs, Craig y Bwlch round cairn (GM564), Tarren y Bwlch round cairn (GM565) and Rhondda Fach Cairn (GM541) all lie to the south of the proposed development at a distance of between 1.5km to 2.8km and are thought to date to the Bronze Age.

4.5 Listed Buildings

- 4.5.1 No Listed Buildings lie within the proposed development area.
- 4.5.2 There are fourteen Listed Buildings within the 3km study area. Four of which lie within 1km of the development area (Figure 6). These are described below.
- 4.5.3 The Tramway Causeway and Bridge at Hirwaun Ironworks (LB 26827) is a Grade II Listed Building located approximately 900m to the north-east of the development area. The causeway and bridge can be found crossing the Afon Cynon approximately 100m north-east of St Lleurwg's church, on the north side of Station Road and south side of the former Hirwaun Ironworks. It was built by the engineer George Overton between the years 1806-08 and was built to replace an earlier bridge of a tramroad that was built in 1793. This tramroad was used to transport raw materials being carried to the furnaces of Hirwaun ironworks and the limestone being brought from the quarries at Penderyn. It is described as a high single-track causeway approximately

100m in length, of snecked rubble, in parts rebuilt in coursed rubble. It crosses the Afon Cynon in a single span with segmental arch and narrow dressed stone voussoirs. It is abutted on the R bank by coursed rubble revetments. The flat deck is a footpath retaining some stone sleeper blocks.

- 4.5.4 The Hirwaun War Memorial Clock Tower (LB 26828) is a Grade II Listed Building and it is located approximately 760m north-east of the development area. The Listed Building Report describes this as an Art-Nouveau influenced 3-stage square clock tower of coursed rock-faced 'Shaddris' stone, with ashlar 'Patent Empire Stone' dressings and upper stage, and a swept pyramidal slate roof on bracketed eaves, with lead finial. The lower 2 stages have diagonal buttresses, the upper parts of which are ashlar with scroll enrichment to the offset. In its front and side faces the lower stage has metal plaques with marginal interlace ornament and roll of honour in raised letters for the 1914-18 and 1939-45 wars. At the rear is a doorway in a dressed surround with keyed tripartite lintel below a balustrade. The door is steel. In the second stage each face has a narrow opening with louvres on a corbelled apron. Above the openings each face has a segmental arch. In the upper stage are round clock faces to the front and sides, and a blind round panel to the rear. It was unveiled in 1924 and designed by E.W.G. Richards, architect of Merthyr Tydfil, and built by E.P. Davies of Dowlais. The clock was made by John Smith & Sons at Midland Clock Works, Derby.
- 4.5.5 The Nebo Independent Chapel (LB 21370) is a Grade II Listed Building that is located 790m to the north-east of the development area. The Listed Building Report describes this as a Welsh Independent chapel of 1851 in simple Victorian classical style, repaired in 1890. On the site of a building of 1823 that was rebuilt in 1830 and improved in 1836. Now the only Welsh-speaking chapel in Hirwaun, following the absorption of the neighbouring Bethel congregation in 1996. It was listed for its architectural interest as one of the earliest surviving chapels in the region, retaining mid-19th century external character with unaltered later 19th century interior.
- 4.5.6 44 Swansea Road is a grade II Listed Building (LB 10898), including its forecourt wall and piers, it is situated 950m north-east of the development area. It is located immediately to the east of 45 Swansea Road, which has been argued, predates that of 44 Swansea Road (Franklin, 2001). The Listed Building Report describes 44 Swansea Road as an early-19th century house shown on the 1840 Tithe map, which may therefore have been occupied by a clerk or manager at Hirwaun Ironworks. Its physical appearance is described as a Georgian house of two storeys with attic and basement, of limewashed rubble-stone three-window front, roof replaced with synthetic slates, and rendered end stacks. It was listed as a rare well-preserved early-19th century town house retaining original character.
- 4.5.7 The remaining ten Listed Buildings lie within 3km of the development area. South of the proposed development lie remnants of Tower Colliery; and include the Engine House and Fan House at Tower Colliery (LB 10901) and the Headframe and pithead at Tower Colliery (LB 10902). North of the proposed development include; Old house, with attached byre and barn at Trebanog Fach (LB 26832), Church of St Cynog (LB 18046), Signpost at road junction SE of St Cynog's church (LB 26834), Churchyard wall,

including pound & lych gate, at St Cynog's church (LB 18047), The Rectory (LB 18048), Siloa Baptist Church (LB 21371), Agricultural range at Bodwigiad (LB 26833), and Bodwigiad (LB 11381).

4.6 Known Archaeological Remains and Historical Development

- 4.6.1 There are 234 sites listed in the regional Historic Environment Record (HER) and the National Monuments Record (NMR) and by Cadw within 1km of the proposed development site, two of which lie within the proposed development site (Appendix I).
- 4.6.2 A search of artefacts and coins recorded within the Portable Antiquities Scheme database (www.finds.org.uk) within the same search area recorded no finds from the 'Hirwaun' area.
- 4.6.3 The recorded archaeological sites are briefly described below, according to period, where they are incorporated into a summary of the historical development of the area.

Prehistoric: Palaeolithic (c.450,000 – 10,000 BC), Mesolithic (c.10,000 – 4400 BC), Neolithic (4400 BC – 2300 BC), Bronze Age (2300 BC – 700 BC) & Iron Age (700 BC – AD 43)

- 4.6.4 There is significant prehistoric activity within the surrounding area of the proposed development. However, no prehistoric sites are located within the boundary of the site and there is only one located within 1km of the proposed development area.
- 4.6.5 Approximately 950m north-west of the development site is the former cairnfield of Twyn Bryn-Hir (PRN 00006m), now the site of Hirwaun Industrial Estate. This cairnfield comprised of seventeen mounds which were dated to the Bronze Age. Twelve of the mounds were excavated in 1942 by Fox and Murray-Threipland, but none were found to contain burials or grave goods.
- 4.6.6 Although outside of the 1km study area, a notable late Bronze Age/Early Iron Age hoard was discovered approximately 3km south-west of the development area. The Llyn Fawr hoard (00023m) was uncovered by workers buried beneath two feet of peat. The hoard included a cauldron, several chisels, sickles and socketed axes, a sword, a spearhead, a razor, and horse harness equipment.
- 4.6.7 Iron Age activity is prevalent in wider area, but there are no sites of this period in the 1km study area.

Roman (AD 43 – c. AD 410)

- 4.6.8 There are no Roman sites recorded on the HER within the 1km search area or in the surrounding area.

Early Medieval (c. AD 410 – AD 1086), Medieval (1086 – 1536)

- 4.6.9 There is very little evidence of Early Medieval or Medieval activity within this area. The

only evidence within 1km of development area is an apparent Early Medieval inscribed stone (GGAT01275m). An inscribed stone was reported in 1827 to be on Hirwaun Common, and it was believed to be an early Christian inscription of the late 5th century. The stone is now lost and due to extensive open-cast mining in the area, and it is unlikely to be rediscovered.

Post-Medieval (1536 – 1899) & Modern (1900 – present day)

- 4.6.10 There is an abundance of Post-medieval activity within 1km of the development area and within the wider landscape. Hirwaun, like other areas in this part of South Wales, changed considerably during the late 18th and 19th century due to heavy industry.
- 4.6.11 There are two sites that will be located within the development area, Hirwaun Common Rifle Range (NPRN 419301; GGAT07928m) and the Bute Colliery and Hirwaun Tramway (GGAT02498.0m).
- 4.6.12 The site of the rifle range is approximately 220m south of the roundabout linking the A465 with the A4061 and A4059. The rifle range is first shown on the 1885 Ordnance Survey map (see section 5.3 below). Shooting competitions on Hirwaun Common were reported in the local press as early as 1861. The range had gone out of use by 1904 but it is believed that it came back into use briefly during the First World War. The field the range was located on has been truncated by the A465 to the north and opencast mining/reclamation to the south. The site was visited in 2013 and failed to detect any traces of the mapped range features. It was concluded that the field has had coal waste graded over it at some point since the range went out of use, part of the field being reclaimed and now used for pasture.
- 4.6.13 The site of the tramway is located at the eastern extent of the development area. The tramway is also first shown on the 1885 Ordnance Survey map. The route of the tramway is preserved to the east of the development but similarly, to the rifle range, it is possible that at some point the former tramway could have had coal waste graded over it, within the development area, and the land reclaimed.
- 4.6.14 The site of Hirwaun Ironworks is located approximately 900m to the north of the development area. In 1757 John Mayberry founded the Hirwaun Ironworks (BR157; PRN 01109m) with the building of a furnace. This was to be the first coke-fired furnace in Wales. The ironworks were built along the River Cynon, which supplied the water to help power the ironworks. The Hirwaun Ironworks currently comprise of the ruins of the former ironworks. This includes four blast furnaces aligned WNW-ESE survive as overgrown earthen mounds showing variable amounts of outer brickwork, both in situ and fallen. They are separated from the charge bank by a blast passage which runs the full length to their rear. The Hirwaun Ironworks was the last of its type to close in the area and remained a forge and foundry until the 1900s.
- 4.6.15 The surrounding hillsides of Hirwaun contained outcrops of coal and ironstone these were subsequently mined extensively during the Post-Medieval and Modern period. This mining activity led to the construction of related infrastructure, e.g. railways and tramways. Many of these are recorded on Ordnance Survey maps (see section 5) and the remains of these industrial structures account for the majority of the site of

archaeological interest on HER (Table 1).

- 4.6.16 Numerous houses, cottages, chapels, and schools also account for several sites recorded on the HER/NMR. Again, this correlates with the expanding industrial activity and the increase in population in the late 18th, 19th and early 20th century.

5 Map Regression

5.1 Tithe Map, Plan of the parish of Penderyn in the County of Brecon, 1840

- 5.1.1 The tithe map of 1840 shows the 'Herwain' Ironworks and its associated buildings to the north of the River Cynon. There are also a number of structures to the east of the ironworks.
- 5.1.2 However, south of the River Cynon is the parish boundary and there are no further details on this map.

5.2 Tithe Map, A plan of the parish of Aberdare in the County of Glamorgan, 1847

- 5.2.1 The tithe map of 1847 map shows the village of Hirwaun, south of the River Cynon, in more detail.
- 5.2.2 There are several roads and structures within the village itself, and the River Cynon can be seen running north-west to south-east through the village.
- 5.2.3 The proposed development area at this point is located to the south of the village of Hirwaun and the parish boundary and is made up of common land.

5.3 Ordnance Survey Map, 1885, 6-inch map (Figure 7)

- 5.3.1 This is the first detailed Ordnance Survey map of Hirwaun and its surrounding areas. The proposed development area is located to the south of the Aberdare Rhondda Railway and the Hirwaun Common Railway. There are also several tramways crossing this area associated with the heavy industry.
- 5.3.2 Within the development area, south of the A465 roundabout upgrade, a Volunteer Rifle Range is located. The range is detailed as having three targets and ranges in 100 yard increments up to 500 yards.
- 5.3.3 Two coal mines are also detailed on this map within close proximity of the development area; Four Feet Level and Bute Pit along with their associated structures, e.g. engine house. North-east of Bute Pit an Ironstone mine, labelled Knobby Drift, is located.
- 5.3.4 Earthworks associated with the mines discussed above can be seen spread out across the landscape.
- 5.3.5 Further south of the development area Tower Colliery can be seen.

5.4 Ordnance Survey Map, 1901, 6-inch map

- 5.4.1 By 1901 the rifle range is no longer in use and the targets are now labelled as 'Old Targets'. Also, the mines of Four Feet Level, Bute Pit and Knobby Drift are now all labelled as being no longer in use at this time.
- 5.4.2 The predominant industrial activity within the area of the proposed development is now Tower Colliery. The railway that was labelled as belonging to the Aberdare Rhondda Railway is now labelled as Tower Colliery Railway.

5.4.3 No other visible changes can be seen.

5.5 Ordnance Survey Map, 1901-1934, 6-inch map

5.5.1 There are no visible changes between 1901 and 1934.

5.6 Ordnance Survey Map, 1951, 6-inch map

5.6.1 The only noticeable change between 1934 and 1951 is that the railway, located to the south of Hirwaun and north of the development area, that was labelled as Tower Colliery railway has now been decommissioned. The former railway is now an unnamed road.

5.7 Ordnance Survey Map, 1962 (Partial), 1:2,500

5.7.1 A noticeable change in this version of the OS maps is that to the south of Hirwaun and to the east of the development area a recreation ground, including a bowling green and tennis courts, have been built.

5.7.2 Also, the village of Hirwaun has expanded to its east towards the village of Penywaun.

6 Aerial Photographs and Lidar

6.1 Aerial Photographs

6.1.1 A search for aerial photographs of the area produced twenty-six images between 1945 and 2009.

6.1.2 There are two photographs from 1945 and these are the earliest available. The photographs show the development area as a mix of cultivated fields and a landscape heavily scarred by industrial activity. The village of Hirwaun can be seen to the south-east of the photo.

6.1.3 The photographs from 1946 and 1947 show no change from the 1945 photograph.

6.1.4 The photograph from 1953 to 1972 document the growth of the village of Hirwaun to the north and east of the development site. Industrial activity in the area continues and this can be seen to the west of the development area where the industrial estate increases in size. Also, south of the development area the expansion of Tower Colliery is noticeable. However, there is little change to the development site itself, and it appears to be made up of fields with boundaries.

6.1.5 The nine photographs between 1973 and 1988 now clearly show the newly constructed A465 road. Again, little has changed in and around the development area. However, there is now a sports field to the east of the development site.

6.1.6 The seven photographs between 1989 and 2009 show no change to the development area itself. But, again, the continuing activity at Tower Colliery seems to change throughout time. At the southern edge of the development site there appears to be structures relating to the mining activity and land reclamation at Tower Colliery.

6.2 Lidar

6.2.1 The Lidar data coverage of the site area is at a 2m resolution for digital terrain models (DTM), which illustrates the topography of the site but does not allow for much detail.

- 6.2.2 There is no Lidar data available for the area to the west of the A465 roundabout. The data that is available clearly shows the natural feature of the Nant y Bwlch stream running north-south and Tower Road which is running on the same axis as Nant y Bwlch. There is some activity in the northern area of the development site, just to the south of the A465, but this appears to be trees and vegetation. There are other features showing on the Lidar, but these appear to be trackways that are already noted on Ordinance Survey maps.

7 Site Visit

- 7.1.1 A site visit was undertaken on the 9th October 2019 (Plates 1-15). Conditions were overcast with occasional precipitation. Visibility was poor in the distance due to low-lying clouds.
- 7.1.2 The site was as described in Chapter 2. The north-eastern area of the site is adjacent to the current layout of the A465. This area is mostly made up of fields consisting of long grass and vegetation (Plates 1-3). Tower Road also lies within this area of the site (Plate 4), and just to the east of Tower Road a footpath is within the proposed boundary of the site. There are two sites recorded on the HER which are located in this area of the site (GGAT07928m & GGAT02498.0m). GGAT07928m refers to the Hirwaun Common Rifle Range, but there was no evidence to suggest that any remains of this survive (Plate 5). This is also true of GGAT02498.0m, the Bute Colliery and Hirwaun Tramway (Plate 6). Two other sites are also noted on the HER, although outside of the proposed development, they are in close proximity of the development. One of these sites is the Inscribed Stone (GGAT01275m), but this was lost in the 19th century and there is no way of ascertaining its location in the present day. The other site is the Knobby Drift Culvert (GGAT06020m), during the site visit there was no trace of this. The landscape where the culvert was situated has undergone many changes linked to the Tower Colliery's industrial activities, land reclamation, etc. therefore it is likely that the culvert was destroyed in the process (Plate 7 & 8).
- 7.1.3 The north-western area of the site is situated to the south of Rhigos Road and on the edges of Hirwaun Industrial Estate. This area of the site is currently used by the remnants of the Tower Colliery workforce for offices and storage yards.
- 7.1.4 The southern area of the development area is dominated by the activities of the former Tower Colliery, and coal tips can be seen throughout this southern area of site (Plate 9 & 10).
- 7.1.5 The site generally rises from north to south away from the A465 to the north forming open mountainside. The southern area of site sits above the main village of Hirwaun and is in a prominent position. Whereas the northern area of the site is in a lower position and views are limited due to industrial and residential properties on the opposite side of the A465.
- 7.1.6 It is not possible to establish any visual relationship north-west to the site of the Scheduled Monument of the Hirwaun Ironworks (BR157). However, the southern area of the proposed site may be visible from the ironworks (Plates 11-13).

8 Impact Assessment

8.1 Assessment of Archaeological Potential and Importance

- 8.1.1 The site is considered to have a low potential for archaeological remains associated with Prehistoric-Medieval activity throughout the proposed development boundary. Of the seven known sites within the development boundary, none were evident within during the site visit. There is considered to be a moderate potential for Post-Medieval remains, and such remains are likely to be of a more local (Low) archaeological importance.

8.2 Previous Impacts

- 8.2.1 Previous impacts across the proposed development area are of great significance in determining the survival and importance of the known and potential archaeological resource.
- 8.2.2 It is clear from historic maps, aerial photography, and the site visit that the proposed development area, and its immediate surroundings, has seen intensive development from the latter half of the 19th century onwards with various mining and other industrial activities (Figure 8).

8.3 Potential Impacts of the Proposed Development

- 8.3.1 The proposed development is still in the development process, the outline elements of which include new residential properties, a hotel, petrol filling station and other commercial properties, and properties for employment use. Any of the following activities associated with the proposed development could therefore expose, damage, or destroy archaeological remains:
- Enabling works, such as the installation of the contractor's compound, construction of access roads, parking areas, storage areas, and associated services;
 - Landscaping and terracing works;
 - Surface stripping and levelling;
 - Construction of roads and infrastructure;
 - Foundation excavations;
 - Service installation.
 - Any other ground disturbing works
- 8.3.2 The proposed development also has the potential to generate indirect effects on archaeological sites, such as altering the visual setting or tranquillity of the sites and landscapes.

8.4 Historic Landscapes

- 8.4.1 No Conservation Areas or Registered Historic Park & Gardens will be directly or indirectly affected by the proposed development.

- 8.4.2 No Registered Historic Landscape will be directly affected by the proposed development area. However, East Fforest Fawr and Mynydd-y-Glog HLW (MGI) 3 has the potential to be indirectly affected by the proposed development. This historic landscape is visible from some areas of the site, but it is from a distance (Plate 14 & 15). The overall indirect impact on East Fforest Fawr and Mynydd-y-Glog will be Negligible.
- 8.4.3 The Registered Historic Landscape of The Rhondda (HLW (MGI) 5) is not visible from the proposed development area, nor is the proposed development visible from the historic landscape. The impact on this landscape will be Negligible.

8.5 Scheduled Monuments

- 8.5.1 No Scheduled Monuments (SM) will be directly affected by the proposed development.
- 8.5.2 There are five SMs within 3km of the proposed development site. These are the Hirwaun Ironworks (BR157), Gamlyn Railway Viaduct (GM533), Craig y Bwlch round cairn (GM564), Tarren y Bwlch round cairn (GM565) and Rhondda Fach Cairn (GM541). Much of the site of the former ironworks is hidden from view by the intervening topography, vegetation and built landscape. The proposed development is unlikely to have a significant indirect impact on the remaining SMs.

8.6 Listed Buildings

- 8.6.1 No listed buildings will be directly affected by the proposed development.
- 8.6.2 There are 14 listed buildings within a 3km search surrounding the proposed development, which have the potential to be indirectly impacted. These include the Tramway Causeway and Bridge at Hirwaun Ironworks (LB 26827), the Hirwaun War Memorial Clock Tower (LB 26828), Nebo Independent Chapel (LB 21370), and 44 Swansea Road including its forecourt wall and piers (LB 10898) which lie within 1km of the development. The other Listed Buildings are in the table below.

Table 2. Listed Buildings within a 3km search area

Listed Building Number	Name	NGR	Grade
26827	Tramway Causeway and Bridge at Hirwaun Ironworks	SN 95847 05730	II
26828	Hirwaun War Memorial Clock Tower	SN 95749 05649	II
21370	Nebo Independent Chapel	SN 95896 05517	II
10898	44 Swansea Road (including its forecourt wall and piers)	SN 96100 05480	II
10901	Engine House and Fan House at Tower Colliery	SN 92649 04267	II
10902	Headframe and pithead at Tower Colliery	SN 92649 04267	II
26832	Old house, with attached byre and barn at Trebanog Fach	SN 94437 07377	II

18046	Church of St Cynog	SN 94480 08550	II
26834	Signpost at road junction SE of St Cynog's church	SN 94515 08505	II
18047	Churchyard wall (including pound & lych gate, at St Cynog's church)	SN 94510 08503	II
18048	The Rectory	SN 94525 08464	II
21371	Siloe Baptist Church	SN 95061 08096	II
26833	Agricultural range at Bodwigiad	SN 95363 08456	II
11381	Bodwigiad	SN 95363 08485	II

- 8.6.3 The intervening topography, vegetation and the built environment obscures all surrounding listed buildings from view. The overall indirect impact on the listed buildings will be Negligible.

8.7 Non-designated Archaeological Sites

- 8.7.1 It is likely that the development which has previously been undertaken within the site boundary has removed any physical remains of the Hirwaun Common Rifle Range (GGAT07928m), Bute Colliery and Hirwaun Tramway (GGAT02498.0m), Hirwaun Common, West: area north of Bute Pit (GGAT09444m), two Trackside features, north of Bute Pit, Hirwaun Common (GGAT09857m & GGAT09858m), Old Level, northwest of Bute Pit, Hirwaun Common (GGAT09860m) and Former tramroad to Four Feet Level area, Hirwaun Common (GGAT09894m). These are all listed as being moved/destroyed and are all of Local (Low) value. There is the potential, although unlikely, for below-ground remains of such structures to remain, which could be disturbed by further development of this area

9 Conclusions

9.1 Indirect Impacts

- 9.1.1 The Registered Historic Landscape of East Fforest Fawr and Mynydd-y-Glog HLW (MGI) 3 has the potential to be indirectly affected by the proposed development. The historic landscape is only partially visible from the site, and the views are relatively limited due to the distances involved. Whereas the Registered Historic Landscape of The Rhondda (HLW (MGI) 5) is not visible from the site, or from the historic landscape. There are a number of designated assets within the 3km study area which could be potentially indirectly impacted by the development. These comprise of five Scheduled Monuments and fourteen Listed Buildings. These sites are visually obscured by the intervening topography, vegetation and built landscape. There will be little change in the setting to these designated sites, beyond the construction phase, as the majority of the sites are obscured and are not visible to/from the site. The proposed site may be visible from certain designated sites, for example, Hirwaun Ironworks. But this will not be significant and will not affect the setting of the designated asset(s). Therefore, the overall indirect impact on the surrounding assets is considered to be Negligible.

9.2 Direct Impacts

9.2.1 There are seven sites with the potential to be directly impacted by the proposed development. These include Hirwaun Common Rifle Range (GGAT07928m), Bute Colliery and Hirwaun Tramway (GGAT02498.0m), Hirwaun Common, West: area north of Bute Pit (GGAT09444m), two Trackside features, north of Bute Pit, Hirwaun Common (GGAT09857m & GGAT09858m), Old Level, northwest of Bute Pit, Hirwaun Common (GGAT09860m) and Former tramroad to Four Feet Level area, Hirwaun Common (GGAT09894m) all of Local (Low) value and noted on the HER as being destroyed/moved. Given the extent of the previous developments on the site, physical remains are thought to be unlikely.

Table 3. Sites of archaeological interest with potential indirect or direct impacts

PRN; NPRN; LB; SM	Name	Site type	Value	Magnitude of Impact
BR157	Hirwaun Ironworks	Ironworks	High	Negligible
GM533	Gamlyn Railway Viaduct	Railway Viaduct	High	Negligible
LB26827	Tramway Causeway and Bridge at Hirwaun Ironworks	Tramway	High	Negligible
LB26828	Hirwaun War Memorial Clock Tower	Clock tower	High	Negligible
LB 21370	The Nebo Independent Chapel	Chapel	High	Negligible
LB 10898	44 Swansea Road	House	High	Negligible
GGAT07928m; NPRN 419301	Hirwaun Common Rifle Range	Rifle Range	Low	Negligible
GGAT02498.0m	Bute Colliery and Hirwaun Tramway	Tramway	Low	Negligible
GGAT09444m	Hirwaun Common, West: area north of Bute Pit	Spoil Heap, Level, Coal Workings, Coal Mining Site	Low	Negligible
GGAT09857m	Trackside feature, N of Bute Pit, Hirwaun Common	Structure	Low	Negligible
GGAT09858m	Trackside feature, N of Bute Pit, Hirwaun Common	Structure	Low	Negligible
GGAT09860m	Old Level, NW of Bute Pit, Hirwaun Common	Level	Low	Negligible
GGAT09894m	Former tramroad to Four Feet Level area, Hirwaun Common	Tramway	Low	Negligible

10 Mitigation

- 10.1.1 There will be little change in the setting to any designated sites, beyond the construction phase, as the sites are visually obscured by the intervening topography, vegetation and built landscape. The only mitigation that can be suggested is that the current tree growth and vegetation is maintained, this is to ensure that there will be no future indirect impacts upon the designated assets.
- 10.1.2 The sites of direct impact have most likely been destroyed during mining/reclamation operations over the decades at Tower Colliery and many aspects of the linear features to pass through the site have been recorded previously as a part of the A465 extension works.
- 10.1.3 No previously unknown sites of archaeological interest have been discovered during the course of this assessment.

11 Sources

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Figures

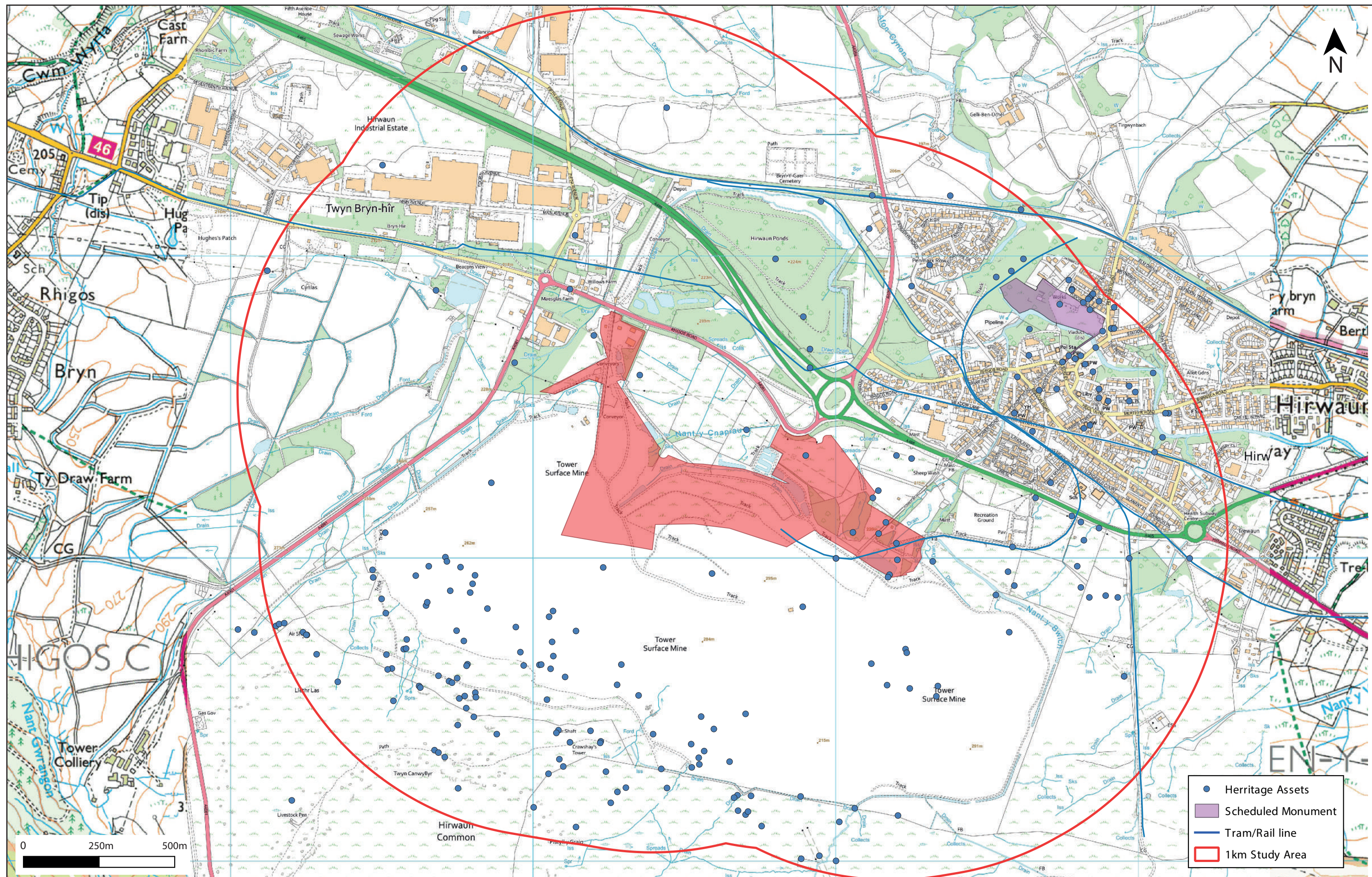


Figure 1. Location of development area (red) with the 1km study area (red outline), showing all known sites of archaeological interest (blue), further detail shown on Figures 2-5.

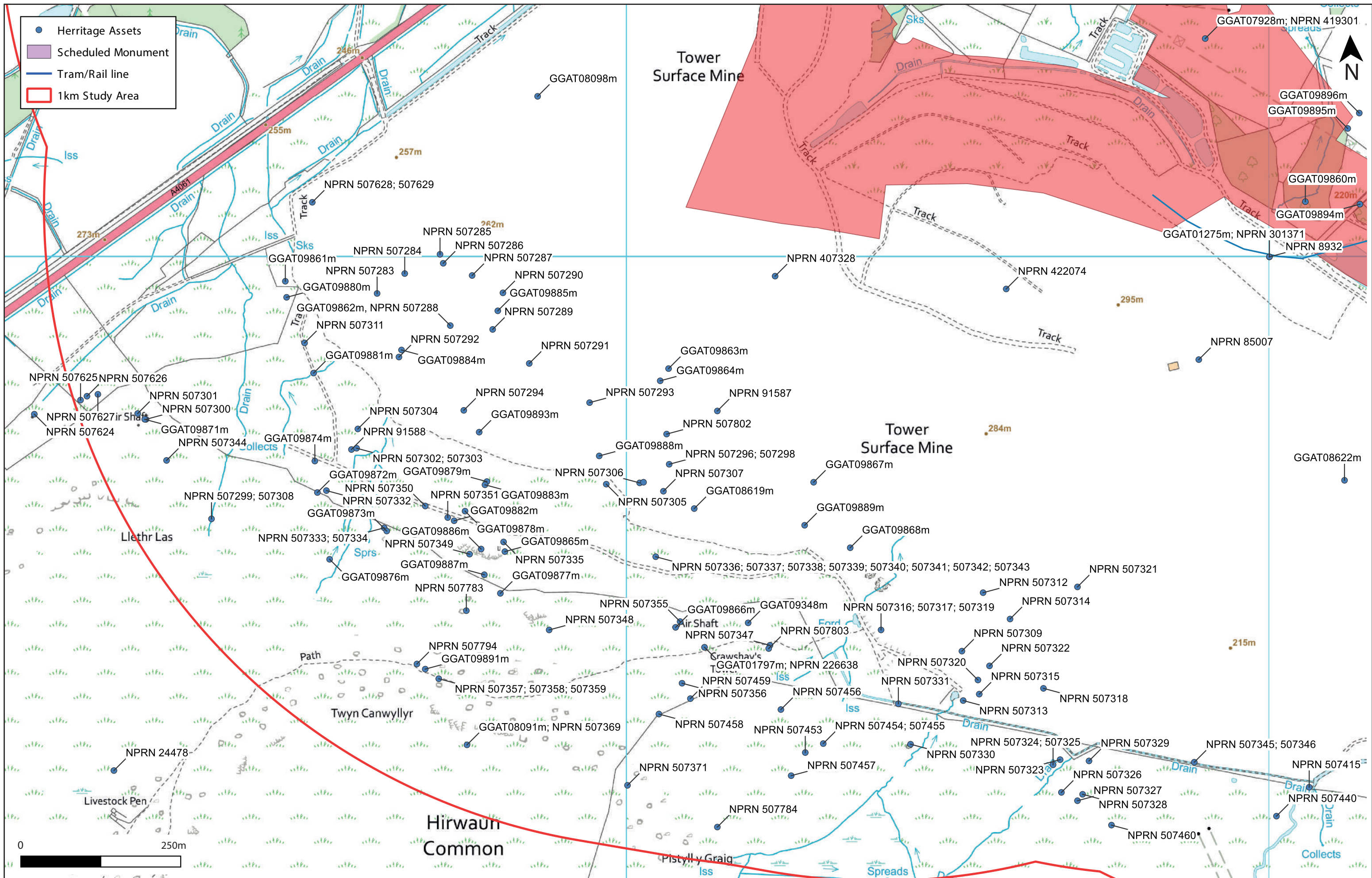


Figure 2. Detail of the south west area of the development (red) with the 1km study area (red outline), showing all known sites of archaeological interest (blue)

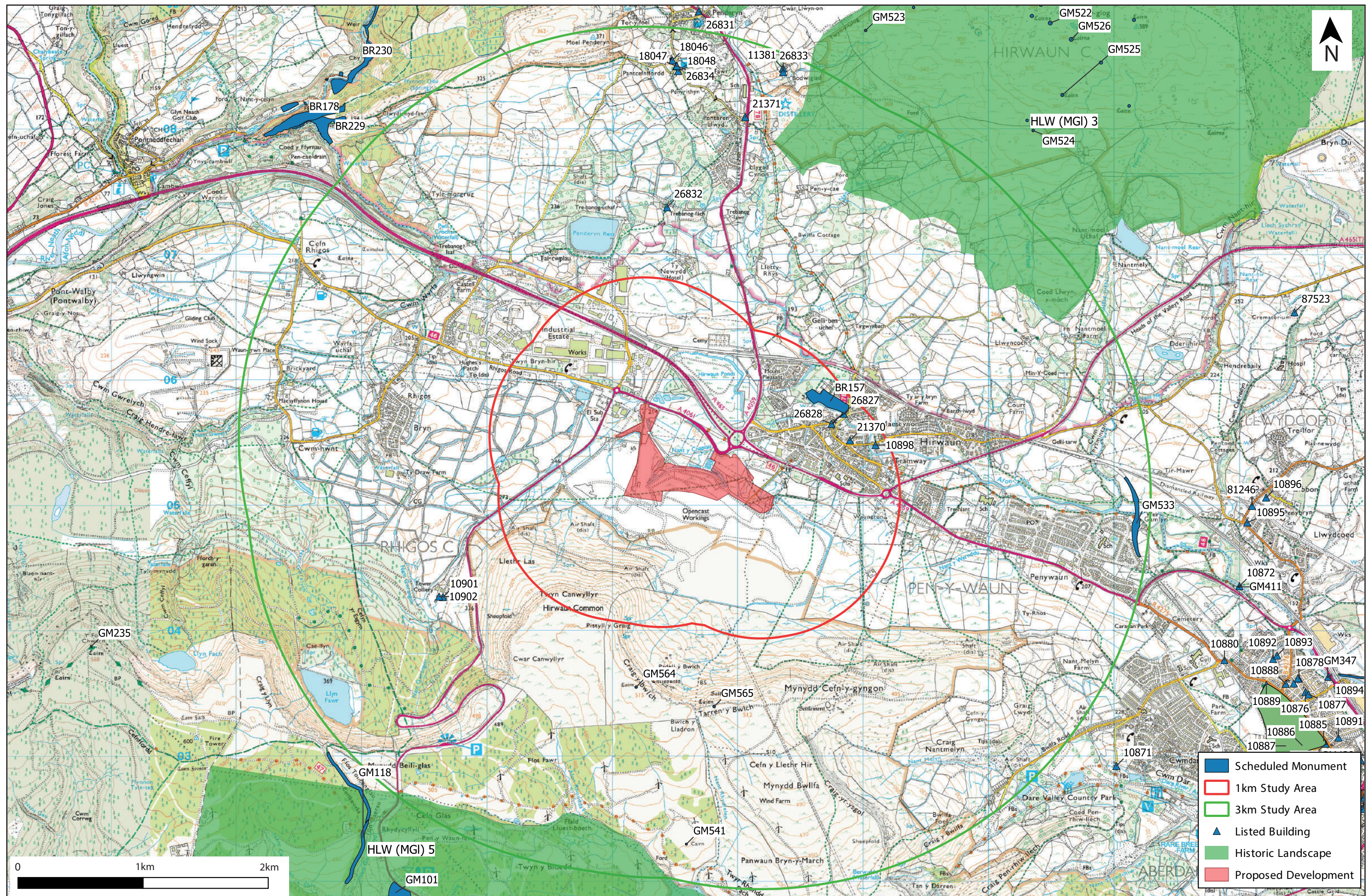


Figure 6. Plan of the development (red) with the 1km study area and the 3km Study Area showing Designated Assets

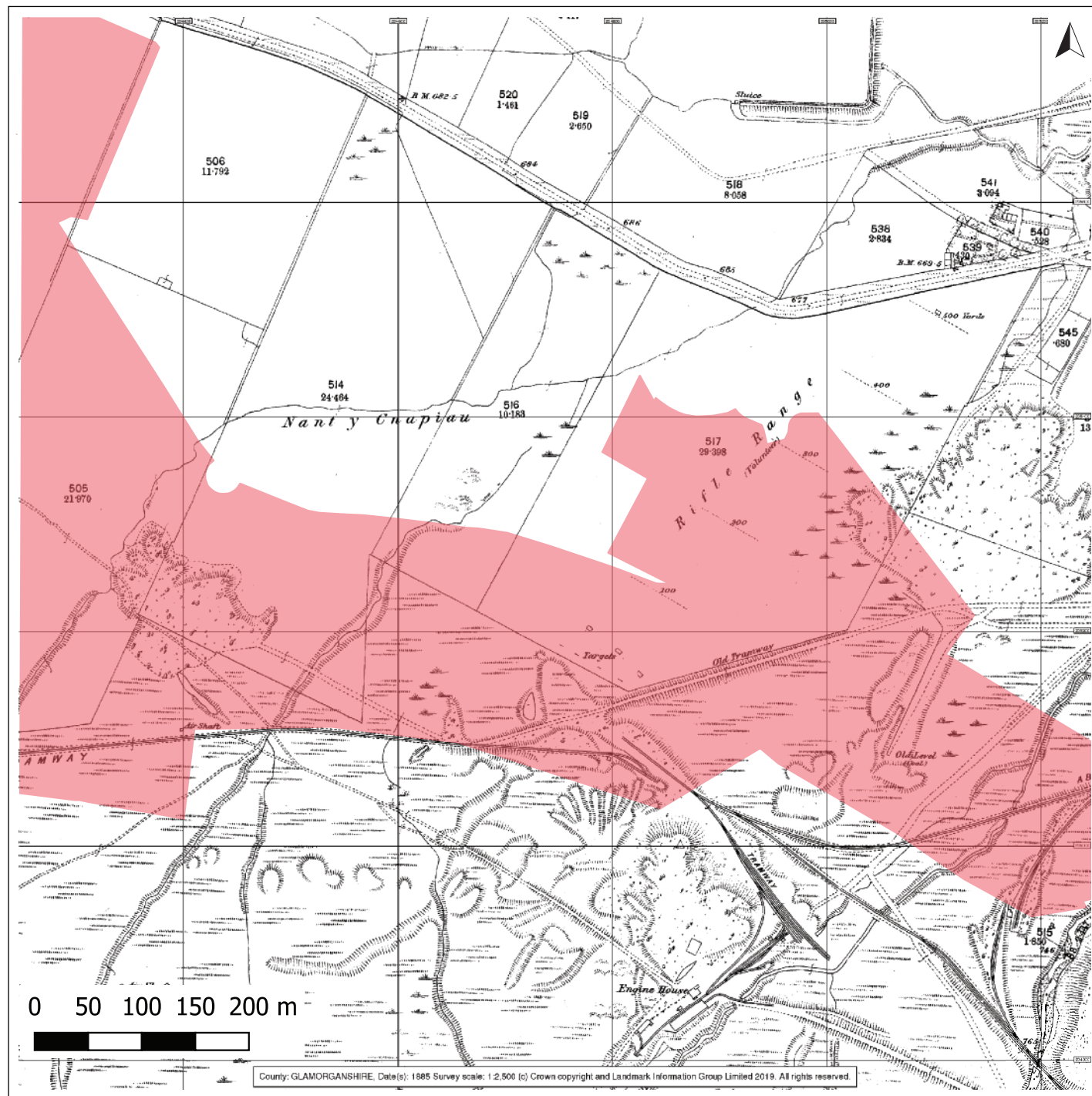


Figure 7
Historic plan of
Glamorganshire of 1885



Figure 8. Aerial view of the proposed development area showing recent works (2021)

Plates



Plate 1. Northern area of the development site, looking north



Plate 2. Northern area of the development area, looking west



Plate 3. Northern area of the development site, looking north-west



Plate 4. Northern area of the development site, looking north-west



Plate 5. Location of Hirwuan Common Rifle Range (GGAT01275m), looking south-east



Plate 6. Location of Bute Colliery and Hirwaun Tramway (GGAT02498.0m), looking north-west



Plate 7. Location of Knobby Drift Culvert (GGAT06020m), looking south-east



Plate 8. Location of Knobby Drift Culvert (GGAT06020m), looking east



Plate 9. Southern area of the development site, looking south-east



Plate 10. Southern area of the development site, looking south



Plate 11. Site of Hirwaun Ironworks (BR157) with limited views of development site, facing south



Plate 12. Site of Hirwaun Ironworks (BR157) with limited views of the development site, facing south-east



Plate 13. Site of Hirwaun Ironworks (BR157) with limited views of development site, facing south



Plate 14. Views from development area towards East Fforest Fawr and Mynydd-y-Glog (HLW (MGI) 3), looking north-east



Plate 15. Views from development area towards East Fforest Fawr and Mynydd-y-Glog (HLW (MGI) 3), looking north-east

Appendix I Gazetteer of sites recorded on the Regional HER

GLAMORGAN GWENT ARCHAEOLOGICAL TRUST HISTORIC ENVIRONMENT RECORD ENQUIRY REPORT - CORE RECORDS

Enquiry reference number: 6847

**Prepared by: Calli Rouse, Glamorgan Gwent Archaeological Trust
Produced for: Jessica Woolley, Archaeology Wales**

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Search criteria

Hirwaun, RCT

**PRN 00006m NAME CAIRNFIELD, TWYN BRYN-HIR NGR SN93770662 COMMUNITY Hirwaun
TYPE Bronze Age, Cairnfield, RANK: 1**

SUMMARY A possibly sepulchral cairnfield consisting of seventeen mounds in an area 165m long from E to W by 69m wide; twelve were excavated (as site A) by A Fox and M E Murray Threipland (1942). None yielded signs of burials or grave goods.

DESCRIPTION A possibly sepulchral cairnfield consisting of seventeen mounds in an area 165m long from E to W by 69m wide; twelve were excavated (as site A) by A Fox and M E Murray Threipland (1942). They were oval or circular in shape and ranged in size between 8.9m and 2.3m across. None of the excavated cairns yielded any certain signs of burial or grave goods, though two contained slabs which may have been derived from cists and one covered a hole 0.6m square which had been dug into the subsoil and floored with a flat slab. Four were 'scoop graves', not now considered to be funerary. Confirmed as destroyed by inspection from road: NGR lies within landscaped grounds of a unit on the industrial estate. Reference: Fox, A and Murray Threipland, M E, 1942, The excavation of two cairn cemeteries at Hirwaun, Glamorgan, Archaeol Cambrensis 97, 77-92 Dimensions: See description. (1965/1976) A possibly sepulchral cairnfield on level ground, consisting of seventeen mounds in an area 165m long from E to W by 69m wide. They are almost all gutted by excavation trenches which were not refilled. Of seventeen cairns originally recorded, twelve were excavated by A Fox and M E Murray Threipland (Arch Camb 97 1942 77-92 site A). Probable identifications with the excavators' number sites are given below; Fox no 12 was not identified and our (xiv) does not seem identifiable with a Fox site. (i) Fox no. 1. The remains of an oval stony grass-grown mound, 5.2m by 4m, and 0.5m high. The centre has been completely dug out. (ii) Fox no 2, at 137 deg 11m from (i). An oval stony grass-grown mound, 6.1m by 4.6m, and 0.5 m high. Gutted by excavation trenches. (iii) Fox no 5, at 040 deg 52m from (ii). A circular stony grass-grown mound, 4m in diameter and 0.3m high. There are some big stones in places around the edge. Gutted by central and peripheral excavation trenches. (iv) Fox no 4, at 036 deg 27m from (iii). An oval stony patch, 8.9m by 5.8m, at the centre of which is a gutted hollow with a rim 0.3m high. (v) Fox no 6, at 151 deg 26m from, (iv). A stony patch, 4.3m in diameter, gutted by excavation trenches. Most of the stones have been removed a piled on either side of the trenches. (vi) Fox no 10, at 113 deg 13m from (v). The remains of a circular stony grass-grown mound, 4.3m in diameter and 0.3m high. Gutted by a deep central excavation trench. (vii) Fox no 8, at 224 deg 17m from (vi). A small circular excavated patch, 2.3m in diameter, apparent the size of the former cairn. The stones are piled on the N side. (viii) Fox no 7, at 271 deg 8m from (vii). A small oval stony grass-grown mound, 3.7m by 2.5m and 0.2m high. (ix) Fox no 9, at 139 deg 23m from (viii). The remains of an oval stony grass-grown mound 5.8m by 3.8m and 0.3m high. Gutted by excavation trenches. (x) Fox no 11, at 142 deg 20m from (ix). A roughly circular stony patch, apparently the remains of a cairn, 4.3m in diameter and perhaps originally 0.3m high. Completely excavated; most of the stones have been removed and piled to N and S. (xi) Fox no 16, at 069 deg 27m from (x). An irregular excavated hollow, some 4.6m across,

possibly the site of a former cairn. Grass-grown spoil mounds lie to the NW and SE. (xii) Fox no 17, at 030 deg 10m from (xi). An irregular excavated hollow, some 4.6m across. There is little sign of a cairn, and few stones. A small spoil dump lies to the W. (xiii) Fox no 13, at 127 deg 7.3m from (xi). A circular stony grass-grown mound, 4m in diameter and 0.2m high. (xiv) At 135 deg 15.5m from (xiii). A small excavation trench; no sign of a former cairn. (xv) Fox no 14, at 142deg 20m from (xiv). A small excavation trench; no sign of a former cairn. (xvi) Fox no 15, at 105 deg 16.5m from (xv). Excavation trenches, with a few stones, possibly the site of a former cairn. Spoil heaps and stones lie to N and S. (xvii) Fox no 3; at 299 deg 18.3m from iii. A circular grass-grown stony patch, 2.5m in diameter. None of the excavated cairns yielded any certain signs of burial or grave goods. Nos (iii) and (x) each yielded four slabs which might have been from a disturbed cist. No (vi) covered a rectangular hole 0.6m square, dug into the subsoil and floored with a flat slab. Nos (xi), (xii), (xv) and (xvi) were termed 'scoop graves' by the excavators. They were interpreted as the sites of inhumation burials carried out as follows: The corpse was laid extended in a shallow scrape from which the turf had been removed. The head was partly outlined by a setting of stones. The body was then covered with soil dug from quarry ditches on either side, but mainly from the large ditch on the upper side, and finally the mound was bordered and perhaps covered with stones gathered from the surface round about. (Source 01) (1978) These cairns have been destroyed and their site occupied by a factory. (Source 05) GGAT 72 Prehistoric Funerary and Ritual Sites Project

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1977

STATUS None recorded

CROSS REFERENCES Associated with 001m, Associated with 002m, Associated with 003m, Associated with 004m, Associated with 005m, Associated with 010m GGATE000512, GGATE000959, GGATE003405

SOURCES

01/PM List/RCAHMW/1976/Glam Invent/No497
 02/MM Record Card/OS/1964/SN 90 NW 3
 03/PM Desc Text/Lady Fox & Threipland A & ME/1943/Arch Camb/pp77-92
 04/PM Desc Text/Fox C&A/1935/BBCS/Cairn Cemetry Vol8 Pt1 pp92-3
 05/MM Record Card/OS/1977/SN 90 NW 3
 PM Desc Text/Evans EM/2000/GGAT 72 Prehistoric Funerary and Ritual Sites Project ARCHWILIO URL
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT00006m>

PRN 00022m NAME PADELL Y BWLCH NGR SN9447703549 COMMUNITY Rhigos

TYPE Iron Age, Hut circle, RANK: 1

SUMMARY The remains lie on a slope facing NE below the high cliff of Craig y Bwlch, on well-drained ground at the top of a marshy slope. The walls are roughly built, those of the enclosures being formed by a rough alignment of large blocks of stone, with rubble filling, while those of the huts contain smaller blocks showing some coursing.

DESCRIPTION The site is positioned at about 420m above OD and 2km S of Hirwaun. The remains lie on a slope facing NE below the high cliff of Craig y Bwlch, on well-drained ground at the top of a marshy slope. The walls are roughly built, those of the enclosures being formed by a rough alignment of large blocks of stone, with rubble filling, while those of the huts contain smaller blocks showing some coursing. The material was most probably sourced locally. The remains have been adapted in places to provide shelter for sheep. A. NGR SN 94414 03578; height OD 432m Sub-rectangular to vaguely kidney-shaped hut, made of locally sourced unworked limestone blocks (from scree) measuring between 0.15 to 0.90m across. Possible compartments to the S (inner side). Along SE wall (outer side), running N-S is a corridor with up to 4 to 5 layers of coursing in the S end, walls up to 0.80m in height. There is a possible entrance from the corridor into the main enclosure to the N in form of a 0.80m wide gap in the hut wall, opposite which the corridor creates a sort of antechamber, and perhaps a flue gap further N in the SE enclosure wall. Extent of enclosure and corridor is 12.80m (NW-SE) x 10.90m (NE-SW); NW-SE width of hut only, without the adjacent corridor measures 8.20m for its NE wall and 10.70m for its SW wall. Perhaps not prehistoric, appears to be more recent. B. NGR SN 94437 03559; height OD 425m Sub-rectangular hut, stones similar to A with a few boulders, lies 20.60m to SE of A. Frequent scattered blocks on the ground. Coursing of up to 5 layers visible in NE corner, walls up to 0.60m in height, 1.60m in width on average. SW wall not clearly visible, disturbed by scree, with possible entrance in S corner. Roughly bow-shaped wall links SW sides of A and B. Slightly offset prolongation of SE wall to the N, reaches wide enclosure wall F. Extent of hut is 11.80m (NW-SE) x 8.45m (NE-SW); Distance between SW hut wall, and wall F to the N is 19.85m. Perhaps not prehistoric, appears to be more recent. C. NGR SN 94473 03549; height OD 424m Sub-rectangular structure of slabs and blocks of local limestone, coursed up to 7 layers in the N, the entrance is to the S corner. Enclosure C is 4.50m wide from NW-SE, with wall width of 0.80m, and height of 0.70m. Probably a sheep shelter. D. NGR SN 94496 03541; height OD 415m Hut of irregular shape, roughly trapezoidal in plan. Right angle to the N, two straight segments of wall from there (towards SW and towards SE respectively), and two walls joining at an obtuse angle to the S; NW-SE width 9.40m, NE-SW length 13.10m, wall height 0.20m, wall width 1.30m. Perhaps not prehistoric, appears to be more recent. E. NGR SN 94480 03527; height OD 418m Rectangular hut with entrance gap in NW wall. NE wall extends out of enclosure towards NW in a straight line, but end of it was not found during site visit. According to RCAHMW description (1976, 74), NE wall is not interrupted and curves towards N then NE, runs under structure C, then joins wall F. Hut E measures 8.20m NE-SW, 4.80m NW-SE, walls preserved to height of 0.50m, wall width 0.70m. NE

wall visible over 12.10m (including NE segment part of hut). Perhaps not prehistoric, appears to be more recent. F. An irregular outer wall made of a rough alignment of large blocks of stone and rubble filling. It runs in a roughly NW-SE direction, to the NE of huts listed above, to a total length of c. 138m. It creates wide enclosed areas between the huts. The NW end lies at NGR SN9443903597, at 417m OD, and the SE end lies at NGR SN9447503552 to a height of 423m OD. Perhaps not prehistoric, appears to form an ensemble with the huts (Egloff 2009).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1977

STATUS None recorded

CROSS REFERENCES - - GGATE001229

SOURCES

Report Egloff, S. 2009 Later Prehistoric Undefended and Roman Rural Settlement in Southeast Wales 2620 01/PM List/RCHM//1976/Glam Invent/No.712;
02/MM Desc Text/OS//1977/SN 90 SW 16/;
03/MM Record Card/OS//SN 90 SW 16/;
04/MM Record Card/OS//1985/SN 90 SW 16/ **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT00022m>

PRN 00163m NAME Hut Settlement, Tarren y Bwlch **NGR** SN9508903530 **COMMUNITY** Hirwaun
TYPE Iron Age, Settlement, **RANK:** 1

SUMMARY Huts, below Tarren y Bwlch, at circa 460m above O.D. on a steep N-facing slope, about 600m E of 712. 4 huts lie on small shelves in very broken ground.

DESCRIPTION Huts, below Tarren y Bwlch, at circa 460m above O.D. on a steep N-facing slope, about 600m E of 712. 4 huts lie on small shelves in very broken ground. (A) GPS SN9508903530; height (OD) 447m. Easternmost circular hut, 5.90m from east to west, 6m from north to south, max height 0.70m. Circular hut on a shelf on a steep north facing hill slope, below a ridge. The north side of the wall is up to 0.70m high and 1.50m wide, limestone slabs heaped to the south, the north side tumbled away, and all is covered in moss. The slabs are from 0.10m to 0.70m in length, and the south side is quite well preserved. B&W photo #6, 2 digital photos. (B) GPS SN9506803523; height (OD) 450m. Oblong hut (northernmost), is 5.80m E-W and 5.5m N-S, walls height 0.70m. Oval shaped hut made out of quite large slabs ranging from 0.20m to 0.70m, situated on a shelf that slopes slightly northwards below a ridge and above a steep drop towards grazing fields. Sub ovoid in shape with wide end to SW. There is a large boulder measuring 1.7m inside of the enclosure, and the biggest wall is 1.9m thick. Hut B lies 23m away from A at 233 degrees. B&W photo #7 (C) GPS SN9504703536; height (OD) 449m. Site on a steeply faced ridge beneath a sloping hill, on quite uneven ground. Hut C lies 23.70m away from B at 310 degrees. It measures 5.70m E-W and 6.60m N-S. Shape unclear, roughly sub-circular or sub-rectangular. Scattered rock and large boulders ranging from 0.10m to 0.65m surrounding the site, as well as within the hut. The thickest wall is 0.80m wide and 0.30m in height. Abbutted by D (see below). B&W photo #8 (D) GPS SN9508003536; height (OD) 447m. Abbutts C in a figure of eight. Shape unclear, roughly sub-circular. Measures 4.40m E-W and 4.90m N-S. A mass of piled rocks on the north side, uncertain whether natural or man-made occurrence. The boulders range from 0.10m to 0.70m and the thickest wall is 0.50m wide and 0.60cm in height (Egloff 2009).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: E001232 RECORDED: 2009

STATUS None recorded

CROSS REFERENCES - - GGATE001232

SOURCES

Report Egloff, S. 2009 Later Prehistoric Undefended and Roman Rural Settlement in Southeast Wales 2620 01/PM List/RCHM//1976/Glam Invent/No.713;
02/MM Record Card/OS//1976/SN 90 SE/;
03/MM Record Card/OS//1982/SN 90 SE 7/;
04/MM Record Card/OS//1983/SN 90 SE 7/ **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT00163m>

PRN 01039.1m NAME Pontwalby Power Operated 2 Stage Incline **NGR** SN891065,
SN925075 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY Tramway incline that runs 800m west from Deri Hir and built as part of the Cefn Rhigos Tramroad in 1803-5, with the objective to connect the ironworks at Aberdare with the Neath Canal and used by a high-pressure steam-engine.

DESCRIPTION Tramway incline on the Cefn Rhigos Tramroad (also known as Tappender's Tramroad (Van Laun 2001)). It is a 800m long tramway incline running west from Deri Hir and built as part of the Cefn Rhigos

Tramroad in 1803-5, with the objective to connect the ironworks at Aberdare with the Neath Canal. It was used by a Trevithick high-pressure steam-engine. The site of the engine-house is at the end of the incline, now as a sunken earthwork (HUGHES S. 1990). This section was more or less abandoned after the opening of the Aberdare canal and extension of the eastern section and comprises and now survives as a minor track. The NW section run towards an old railway (OS map 1877), and survives as a rough cobbled stone surface through a wooded area. However, in some parts it is overgrown or littered by trees. Then, the tramroad doesn't survive until SN89310650, where it is a section that may survive but with unknown condition as it lies within private land (ROBERTS R. and JONES C. 2006).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES Associated with 03225.1m GGATE001996

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks 2060

HUGHES S., 1990, The Archaeology of an early Railway System, The Brecon Forest Tramroads, RCAHMW, p.316 Industrial Ironworks Landscapes, p.147 ; 160-1

MM MENTION//NMW//1983/HIRWAUN & DISTRICT PLAN/SITES OF INDUST ARCH INTEREST*

ROBERTS R. and JONES C., 2006, GGAT report 2006/013, Project GGAT 80, Southeast Wales

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01039.1m>

PRN 01039.2m **NAME** Manchester Place Tramway **NGR** SN9544005560, SN96080540 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY Tramway junction, between Glynneath, Aberdare and Penderyn. It appears on the First three edition OS maps (1877; 1900; 1919) without changes. Doesn't exist any more (OS 2006).

DESCRIPTION Tramway junction, between Glynneath, Aberdare and Penderyn. It appears on the First three edition OS maps (1877; 1900; 1919) without changes. Doesn't exist any more (OS 2006).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - -

SOURCES

1:10000 OS map (2006)

First edition OS map, 1877

MM LIST/NMW//1983/HIRWAUN & DISTRICT LOCAL PLAN/SITES OF INDUS ARCHAEOLOGICAL IMPORTANCE*

Second edition OS map, 1900

Third edition OS map, 1919 **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01039.2m>

PRN 01092m **NAME** BRYN Y GAER **NGR** SN94440649 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Farmstead, **RANK:** 1

SUMMARY A ruined farm sited in an excellent position for a small fort. No evidence of an IA enclosure.

DESCRIPTION A ruined farm sited in an excellent position for a small fort. No evidence of an IA enclosure.

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1980

STATUS SSSI

CROSS REFERENCES - -

SOURCES

01/MM Record Card/OS/1977/SN 90 NW 16

02/MM Record Card/OS/1982/SN 90 NW 16 **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01092m>

PRN 01093.0m **NAME** *Hirwaun Causeway, Penderyn Railway, Aberdare*

Canal **NGR** SN95750565 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, Tramway transport site, RANK: 1*

SUMMARY *Tramway causeway. An early C19th stone-built viaduct carried a single-track tramway across the Afon Cynon. It remains virtually intact, and in use as a footpath.*

DESCRIPTION *An early C19th stone-built viaduct carried a single-track tramway across the Afon Cynon. It remains virtually intact, and in use as a footpath.*

CONDITION

CONDITION: *MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1996*

STATUS *listed building 26827 II*

CROSS REFERENCES - - GGATE000551, GGATE003867

SOURCES

Online Resource The Handley Partnership HAABase built heritage assessment system: Buildings at Risk database

01/MM Record Card/OS/1977/SN 90 NE 16

02/PM Mention/Hughes SR & Richards ET/1976/Arch in Wales p53 no131(1)

03/MM List/NMW/1983/Hirwaun & District local plan/Sites of Ind Arch Importance

04/MM Record Card/OS/1982/SN 90 NE 16

05/PM Mention/10.85/SW Wales Ind Arch Soc Bulletin 40 pp4-6

06/MM Record Card/OS/SN 90 NE 16 ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01093.0m>

PRN 01109m **NAME** *HIRWAUN IRON WORKS* **NGR** SN95770592 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, Iron works, RANK: 1*

SUMMARY *The Hirwaun Ironworks is an important ironworks of national and international significance; as the first coke-fired ironworks in South Wales, being founded in 1757. The site comprises four ruinous blast furnaces surviving as overgrown earthen mounds showing variable amounts of outer brickwork, both in situ and fallen*

DESCRIPTION *The Hirwaun Ironworks (NPRN: 40,381; PRN 01109m) is an important ironworks of national and international significance; as the first coke-fired ironworks in South Wales, being founded in 1757. The site is also notable for its historic associations with numerous ironmasters associated with the early development of the South Wales coke fired iron industry. The site comprises four ruinous blast furnaces (NPRNs: 85,173-6), protected by inclusion in a scheduled area (SAM BR157); these furnaces survive as overgrown earthen mounds showing variable amounts of outer brickwork, both in situ and fallen. Aligned WNW-ESE they are separated from the charge bank by a blast passage, which runs the full length to their rear and a blast passageway. The furnaces, like much of the site are in an overgrown state of disrepair and dereliction. In addition to the ruins of the blast furnaces, the site retains the former manager's house, Tymawr, a massive tramroad causeway and two limekilns Roberts 2005).*

CONDITION

CONDITION: *MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1980*

STATUS *BBNP , Scheduled Monument BR157*

CROSS REFERENCES *Associated with 01093.0m, Associated with 01809m, Associated with 08615m, Associated with 08616m, Associated with 08617m, Associated with 08618m, Associated with 08619m, Associated with 08620m, Associated with 08621m, Associated with 08622m, Associated with 08623m, Associated with 08624m, Associated with 08625m, Associated with 08626m, Associated with 08627m, Associated with 08628m, Associated with 08629m, Associated with 08630m, Associated with 08631m, Associated with 08632m, Associated with 08633m, Associated with 08634m, Associated with 08635m, Associated with 08636m, Associated with 08637m, Associated with 08638m, Associated with 08639m, Associated with 08645m, Associated with 08646m, Associated with 08647m, Associated with 08648m, Associated with 08649m, Associated with 08650m, Associated with 08651m, Associated with 08652m, Associated with 08653m, Associated with 08654m, Associated with 08655m, Associated with 08656m, Associated with 08657m, Same as 40381, Same as 85173, Same as 85174, Same as 85175, Same as 85176 GGATE000044, GGATE000959, GGATE002374, GGATE002394, GGATE003867, GGATE003990, GGATE005092*

SOURCES

01/PM Desc Text//Morgan Rees D/1975/Industrial Archaeol of Wales/p173

02/PM Desc Text//Morgan Rees D/1968/Industry Before the Industrial Revolution/Vol1 pp257-8, 309

03/PM Map/OS/1905/6 Inch

04/PM Desc Text/Vaughan CM/Pioneers of Welsh Steel/p11

05/PM Mention/HMS Newsletter/Early Blast Furnaces in Uk

06/MM Record Card/OS/1977/SN 90 NE 14

07/MM Record Card/OS/1981/SN 90 NE 14
08/PM Mention/Ince L/1989/J Hist Metal 23,2 pp108-12
Ironbridge assessment Hirwaun Ironworks **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01109m>

PRN 01212m NAME CRAIG-Y-BWLCH NGR SN942035 COMMUNITY Rhigos
TYPE Neolithic, Lithic implement, **RANK: 1**
SUMMARY A fine example of a polished-edge discoidal knife, rare in Wales, was with a collection of flint implements found by the Forestry Commission.

DESCRIPTION A fine example of a polished-edge discoidal knife, rare in Wales, was with a collection of flint implements found by the Forestry Commission. Neolithic knife, One tool type and material, Single item. No function ascribed. Exposure not specified. GGAT 66 Lithics survey 2000.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1981

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Article Savory H.N. 1973 *Archaeological Notes: Prehistoric Periods*
Article Savory H.N. 1975 "A Discoidal Knife with Polished Edge from Hirwaun Common (Glam)" in *current work on Welsh Archaeology, Excavations and Discoveries*
01/PM Desc Text/Savoury HN/1975/Bull Board Celtic Stud/Vol26 pp243-4
02/PM Note/1973/Savoury NH/Arch in Wales p25 no13
03/MM Record Card/OS/1977/SN 90 SW 20
04/PM Desc Text/Savoury HN/1973/Morgannwg/Vol17 pp51-3 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01212m>

PRN 01275m NAME HIRWAUN COMMON NGR SN9505 COMMUNITY Rhigos
TYPE Early Medieval, Inscribed stone, **RANK: 1**
SUMMARY An inscribed stone was reported in 1827 to be on Hirwaun Common. Now lost.

DESCRIPTION An inscribed stone was reported in 1827 to be on Hirwaun Common. Inscription illustrated in original publication: 'ERECOR/MAGLORI/CVNIIAC/FICIT' (= Of Erecor[ius?] [son of] Maglorius. Cuniiac[us] made [it]) All Roman capitals except for cursive forms of G and L, implies Early Christian inscription of late C5th (RCAHMW 1976, 39 (i)). Extensive open-cast mining reduces possibility of rediscovering the stone. Evans 2003: GGAT 73 Early-Medieval Ecclesiastical Sites Project database

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2004

STATUS None recorded

CROSS REFERENCES Same as G3 GGATE000959

SOURCES

Book RCAHMW 1976 *An inventory of the Ancient monuments in Glamorgan, I, iii: The Early Christian period*
Book Redknap, M and Lewis, J M 2007 *A corpus of Early medieval inscribed stones and stone sculpture in Wales. vol 1: South-east Wales and the English border*
01/PM List/RCAHMW/1976/Glam Invent/Vol1 Pt3 p39
02/PM Record Card/OS/1986/SN 90 NE
Evans EM, 2003-04, GGAT 73 Early Medieval Ecclesiastical Sites Project **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01275m>

PRN 01787m NAME BWLCH Y LLADRON NGR SN945033 COMMUNITY Rhigos
TYPE Mesolithic, Flint scatter, **RANK: 1**
SUMMARY Find spot of a Mesolithic or Neolithic flint scraper found in rough pasture on the edge of Hirwaun Common, near a dyke at Bwlch y Lladron. Possibly donated to NMGW.

DESCRIPTION Find spot of a Mesolithic or Neolithic flint scraper found in rough pasture on the edge of Hirwaun Common, near a dyke at Bwlch y Lladron. Possibly donated to NMGW. Mesolithic scraper, One tool type and material, Group of 2-10. No function ascribed. Exposure not specified. GGAT 66 Lithics survey 2000.

CONDITION

CONDITION: **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:**

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

01/MM Desc Text//Clayton D/1979// **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01787m>

PRN *01796m* **NAME** *Hirwaun Toll House* **NGR** *SN94120589* **COMMUNITY** *Rhigos*
TYPE *POST MEDIEVAL, Toll house, RANK: 1*
SUMMARY *Toll house on Merthyr to Neath Pike road.*

DESCRIPTION *Toll house on Merthyr to Neath Pike road.*

CONDITION
CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1984

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

01/MM List//NMW/1983/Hirwaun and District and Local Plan/Sites of Industrial Archaeological Interest **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01796m>

PRN *01797m* **NAME** *Crawshays Tower, Rhigos* **NGR** *SN9412004392* **COMMUNITY** *Rhigos*
TYPE *POST MEDIEVAL, Castle, RANK: 1*
SUMMARY *Crawshays tower, similar to Nantyglo. C.1820. Structure remains within 12ft of ground level; considered suitable for listing.*

DESCRIPTION *Crawshays tower, similar to Nantyglo. C.1820. Structure remains within 12ft of ground level; considered suitable for listing.*

CONDITION
CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1984

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

01/MM Mention//NMW/1983/Hirwaun and District Local Plan/Sites of Industrial Archaeological Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01797m>

PRN *01798m* **NAME** *Building, Glyneath to Aberdare Tramway* **NGR** *SN95160550* **COMMUNITY** *Hirwaun*
TYPE *POST MEDIEVAL, Building, RANK: 1*
SUMMARY *Small building alongside the Glynneath - Aberdare Tramway, possiby used for stables or for housing a weighing machine.*

DESCRIPTION *Small building alongside the Glynneath - Aberdare Tramway, possiby used for stables or for housing a weighing machine.*

CONDITION
CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1984

STATUS *None recorded*
CROSS REFERENCES - - *GGATE000959*

SOURCES

01/MM List//NMW/1983/Hirwaun and District local plans/Site of Industrial Archaeological Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01798m>

PRN 01799m NAME MANCHESTER PLACE NGR SN95650542 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, House, RANK: 1
SUMMARY *Interesting group of houses c.1860 - 1870 with front facing coal shuted, circular internal stairs. In fair condition and of historical and architectural interest*

DESCRIPTION *Interesting group of houses c.1860 - 1870 with front facing coal shuted, circular internal stairs. In fair condition and of historical and architectural interest*

CONDITION
CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1984

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Indust
Archaeological Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01799m>

PRN 01800m NAME Hirwaun Ironworks Water Pump NGR SN95250590 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, Leat, RANK: 1
SUMMARY *Cast iron water pump still in situ.*

DESCRIPTION *Cast iron water pump still in situ.*

CONDITION
CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1984

STATUS *None recorded*
CROSS REFERENCES - - GGATE003867

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of
Industrial Archaeological Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01800m>

PRN 01801m NAME HIRWAUN NGR SN95620599 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, House, RANK: 1
SUMMARY *Post-medieval dwellings in Hirwaun, one with a cast-iron gate dating to 1876. NGR is unclear - this places it behind Ty Mawr on waste ground/SN95620559 places it in an urban area off the A4059 Brecon Road.*

DESCRIPTION *Post-medieval dwellings in Hirwaun, one with a cast-iron gate dating to 1876. NGR is unclear - this places it behind Ty Mawr on waste ground/SN95620559 places it in an urban area off the A4059 Brecon Road.*

CONDITION
CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1984

STATUS *None recorded*
CROSS REFERENCES - - GGATE003867

SOURCES

01/MM List//NMW/1983/Hirwaun & District Local Plab/Sites of Indust
Archaeological Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01801m>

PRN 01802m NAME CARDIFF ARMS COACHING H NGR SN95770567 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, Coaching inn, RANK: 1
SUMMARY *Cardiff Arms coaching house.*

DESCRIPTION *Cardiff Arms coaching house.*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1984

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Indust

Archaeological Importance **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01802m>

PRN *01803m* **NAME** *Workers cottages, Hirwaun* **NGR** *SN95730556* **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, Workers cottage, RANK: 1*

SUMMARY *Row of Workers' Cottages. c1830-40*

DESCRIPTION *Row of Workers' Cottages. c1830-40*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1984

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Indust

Archaeological Importance **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01803m>

PRN *01804m* **NAME** *KENDON SQUARE SWEETSHOP* **NGR** *SN95870553* **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, Shop, RANK: 1*

SUMMARY *Kendon Square lod sweetshop - (Kendon Square also the site of notable Chartists meetings)*

DESCRIPTION *Kendon Square lod sweetshop - (Kendon Square also the site of notable Chartists meetings)*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1984

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Indust

Archaeological Importance **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01804m>

PRN *01805m* **NAME** *PALACE CINEMA* **NGR** *SN956056* **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, Cinema, RANK: 1*

SUMMARY *Daners Bioscope (now Palace Cinema). First bioscope in South Wales.*

DESCRIPTION *Daners Bioscope (now Palace Cinema). First bioscope in South Wales.*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1983

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

01/MM list//NMW/1983/Hirwaun and District Local Plan/Sites of

Industrial Archaeological Importance **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01805m>

PRN 01806m NAME MAES YRHYDIAU FARM NGR SN95920583 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, Lime kiln, RANK: 1

SUMMARY Maesyryddiau Farm. 2 lime kilns (remains of an original bank of 7) possibly served by a railway loop off the Penderyn Tramway (Railway).

DESCRIPTION Maesyryddiau Farm. 2 lime kilns (remains of an original bank of 7) possibly served by a railway loop off the Penderyn Tramway (Railway).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1984

STATUS None recorded

CROSS REFERENCES - -

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Indust
Archaeological Importance **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01806m>

PRN 01808m NAME STONE ROAD BRIDGE NGR SN95120620 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, Bridge, RANK: 1

SUMMARY Stone Road Bridge - Good example of Brunel's style of Road Bridge and Cutting designed for the 7ft broad gauge.

DESCRIPTION Stone Road Bridge - Good example of Brunel's style of Road Bridge and Cutting designed for the 7ft broad gauge.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1984

STATUS None recorded

CROSS REFERENCES - - GGATE000959, GGATE003867

SOURCES

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Indust
Archaeological Importance **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01808m>

PRN 01809m NAME HIRWAUN PONDS NGR SN94800599 COMMUNITY Hirwaun
TYPE POST MEDIEVAL, Reservoir, RANK: 1

SUMMARY Ponds may have been header reservoirs which were used for enhancing the flow in the Afon Cynon and leats lower down the Valley which served the iron works.

DESCRIPTION Ponds may have been header reservoirs which were used for enhancing the flow in the Afon Cynon and leats lower down the Valley which served the iron works. Large embanked pond/reservoir depicted on 1st Ed OS map. Has later been tipped on although the main embankment may survive the reservoir has been reduced to a number of smaller ponds around a central tip (Roberts & Jones 2007).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1984

CONDITION: MOVED **DESCRIPTION:** Partial survival, the area has been largely landscaped and tip-flattened (Roberts & Jones 2007). **RELATED EVENT:** - **RECORDED:** 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m, Associated with 2497M GGATE000954, GGATE000957, GGATE000959

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes
Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

01/MM List//NMW/1983/Hirwaun and District Local Plan/Sites of Ind Arch Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01809m>

PRN 01815.0m **NAME** A185 DESK-BASED ASSESSMENT L1 **NGR** SN95300550 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, Railway, **RANK:** 1

SUMMARY A desk-based assessment for the A465 Abergavenny to Hirwaun dual carrageway identified the course of the Hirwaun Common Mineral Railway, visible in the form of an embankment. The line linked the Vale of Neath Railway to the Bute Colliery

DESCRIPTION A185 DESK-BASED ASSESSMENT A465 ABERGAVENNY TO HIRWAUN DUALLING Course of the Hirwaun Common Mineral Railway (Fig. 3). The course of the Hirwaun Common Mineral Railway (L1 [Fig. 3]) is also visible in the form of an embankment; this line linked the Vale of Neath Railway to the Bute Colliery, and was closed c.1960.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1998

STATUS None recorded

CROSS REFERENCES - -

SOURCES

DESK-BASED ASSESSMENT A465 ABERGAVENNY TO HIRWAUN **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT01815.0m>

PRN 02150m **NAME** Stone hut, Rhondda, Cynon, Taff **NGR** SN943037 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, House, **RANK:** 1

SUMMARY dry stone hut with fireplace recess in sw gable part of s wall rebuilt very ruined sheepfold attached

DESCRIPTION dry stone hut with fireplace recess in sw gable part of s wall rebuilt very ruined sheepfold attached

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1990

STATUS None recorded

CROSS REFERENCES Same as 18441

SOURCES

01/mm desc text//Davis PR/1990//Sites in the Rhondda Valley **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT02150m>

PRN 02211m **NAME** Town house, Rhondda, Cynon, Taff **NGR** SN9610005480 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, House, **RANK:** 1

SUMMARY early to mid 19th c A specially well preserved 'valleys' town house possibly with industrial assoc

DESCRIPTION early to mid 19th c A specially well preserved 'valleys' town house possibly with industrial assoc

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 1991

STATUS listed building 10898 II

CROSS REFERENCES Same as 20013

SOURCES

Online Resource The Handley Partnership HAABase built heritage assessment system: Buildings at Risk database
01/mm desc text/Cadw//1991/Listed Building List/ **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT02211m>

PRN 02498.0m **NAME** BUTE COLLIERY AND HIRWAUN

TRAMWAY **NGR** SN95200505 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY Course of the dismantled Bute Colliery to Hirwaun Tramway intersects with the preferred route south of A465 and has now been replaced by the Tower Road. To the south at SO 9506 0501 the Bute colliery tramway and the Aberdare to Rhondda Railway appear to

DESCRIPTION Course of the dismantled Bute Colliery to Hirwaun Tramway intersects with the preferred route south of A465 and has now been replaced by the Tower Road. To the south at SO 9506 0501 the Bute colliery

tramway and the Aberdare to Rhondda Railway appear to

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED:

STATUS None recorded

CROSS REFERENCES - - GGATE000959

SOURCES

01/MM Mention/NMW/1983/Hirwaun & District local plan/Sites of Ind Arch Importance **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT02498.0m>

PRN 02500.0m **NAME** Vale of Neath Railway (Linear Feature) **NGR** SN89130648,

SO08320861 **COMMUNITY** Glynneath

TYPE POST MEDIEVAL, Railway, **RANK:** 1

SUMMARY The construction of the Vale of Neath Railway was authorised by Act of Parliament in 1846. The first trains ran between Neath and Pontypool in 1863 and in the same year the Vale of Neath Railway amalgamated with the Great Western Railway.

DESCRIPTION The construction of the Vale of Neath Railway was authorised by Act of Parliament in 1846. The first trains ran between Neath and Pontypool in 1863 and in the same year the Vale of Neath Railway amalgamated with the Great Western Railway. The line played an important part in the later development of industry and mining in the Vale of Neath carrying coal, iron and chemicals as well as passengers. In 1967 the section of line from Glynneath to Aberdare was closed. The rest of the line was closed in 1985. The line between Neath and Glynneath is now being restored by the Vale of Neath Railway Society as a potentially very important tourist attraction. (04) MV174 Embankment for railway line. The course of the line under construction shown on the 1850 Tithe map. The railway appears on 1876 1st ed OS 25" and later editions. Crossed the Nant Rhyd-y-Car at SO05080524 (Lawler 2000)

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED:

STATUS BBNP

CROSS REFERENCES Associated with 02817m, Associated with 1027.0w, Associated with 1027.13w, Associated with 1070.0w, Associated with 1982w, Associated with 3292w, Associated with 5296w, Associated with 556w, Associated with 559w GGATE000959, GGATE001074, GGATE002656, GGATE003827

SOURCES

Report Maynard, D. 1993 Archaeological Desk-Top Study, Rhyd-Y-Car Land Reclamation Scheme Merthyr tydfil, Mid Galmorgan 250 93_026

Report Wilkinson, P.F. and Owen John, H.S.. 1989 The A465 Aberdulais-Glynneath Improvement 8 78-89_01 01/PM Desc Text/Bowen RE/1966/Journal of SE Wales Ind Arch Soc vol1 no2 p34

02/MM Mention/NMW/1983/Hirwaun & District local plan/Sites of Ind Arch Importance

03/PM Desc Text/Barrie DSM/1980/Regional Hist of Railways of Gr Brit, vilXII: S Wales

04/Pm Desc Text/A465 Aberdulais - Glynneath Improvement: Archaeological Assessment/GGAT 1989/GGAT SMR Report Archive **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT02500.0m>

PRN 02880m **NAME** Hirwaun Ironworks Afon Cynon Culvert **NGR** SN95530593 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Culvert, **RANK:** 1

SUMMARY GGAT assessment Hirwaun Ironworks A246 - stone and cinder block culvert carrying the Afon Cynon under the ironworks site

DESCRIPTION GGAT assessment Hirwaun Ironworks A246 - stone and cinder block culvert carrying the Afon Cynon under the ironworks site

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - - GGATE003867

SOURCES

GGAT assessment Hirwaun Ironworks A246 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT02880m>

PRN 02881m **NAME** *Hirwaun Ironworks Railway Culvert* **NGR** SN95580595 **COMMUNITY** *Hirwaun*
TYPE *POST MEDIEVAL, Culvert, RANK: 1*
SUMMARY *GGAT assessment Hirwaun Ironworks A246 - brick culvert associated with the railway*

DESCRIPTION *GGAT assessment Hirwaun Ironworks A246 - brick culvert associated with the railway*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS *None recorded*

CROSS REFERENCES - - GGATE003867

SOURCES

GGAT assessment Hirwaun Ironworks A246 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT02881m>

PRN 03168m **NAME** *256 CULVERT, ABERDARE-RHONDDA*
TRAMROAD **NGR** SN95820506 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, Culvert, RANK: 1*

SUMMARY *A small culvert below the course of tramroad B. (No.255), of drystone construction now partly collapsed on the eastern side. Built from sandstone blocks, the culvert is contemporary with the initial construction of the tramroad. Within Phase 2 of the arc*

DESCRIPTION *A small culvert below the course of tramroad B. (No.255), of drystone construction now partly collapsed on the eastern side. Built from sandstone blocks, the culvert is contemporary with the initial construction of the tramroad. Within Phase 2 of the arc*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS *None recorded*

CROSS REFERENCES - - GGATE000959

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03168m>

PRN 03210m **NAME** *251 PIG-PENS* **NGR** SN95440535 **COMMUNITY** *Hirwaun*
TYPE *POST MEDIEVAL, Pigsty, RANK: 1*

SUMMARY *Uncoursed masonry pig-pens belonging to a farmstead between the river Nant-y-Bwlch and Tower road, probably dating from the mid-nineteenth. Associated with this farmstead is the remains of a demolished masonry building on the bank of the river which pro*

DESCRIPTION *Uncoursed masonry pig-pens belonging to a farmstead between the river Nant-y-Bwlch and Tower road, probably dating from the mid-nineteenth. Associated with this farmstead is the remains of a demolished masonry building on the bank of the river which pro*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03210m>

PRN 03219m **NAME** *277 HIRWAUN COMMON RAILWAY (BRANCH*
LINE) **NGR** SN96170500 **COMMUNITY** *Pen-y-waun*

TYPE *POST MEDIEVAL, Railway, RANK: 1*

SUMMARY *At the point where the Hirwaun Common Mineral Railway crosses the A465, a branch line diverges*

to the south and currently survives as a footpath. This branch line is marked on the 1880 O.S. (but not on the tithe map). Two trenches were evaluated with Stag

DESCRIPTION At the point where the Hirwaun Common Mineral Railway crosses the A465, a branch line diverges to the south and currently survives as a footpath. This branch line is marked on the 1880 O.S. (but not on the tithe map). Two trenches were evaluated with Stag

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - - GGATE000959

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03219m>

PRN 03220m **NAME** 276 The Hirwaun Common Mineral Railway **NGR** SN94950618 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Railway, **RANK:** 1

SUMMARY The Hirwaun Common Mineral Railway was marked as a tramroad on the tithe map of c.1840 and a conventional locomotive-operated railway on the O.S. map of c.1880. The line can be followed to the west of Hirwaun at SO 9495 0618 where it converges with the V

DESCRIPTION The Hirwaun Common Mineral Railway was marked as a tramroad on the tithe map of c.1840 and a conventional locomotive-operated railway on the O.S. map of c.1880. The line can be followed to the west of Hirwaun at SO 9495 0618 where it converges with the V

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - - GGATE000959, GGATE003867

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03220m>

PRN 03221.0m **NAME** 275 TRAMWAY BRANCH-HIRWAUN COMMON RAILWAY **NGR** SN95970500 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY This tramway survives as a north/south track and is marked on the O.S.map of 1880. It was a branch line of the Hirwaun Common Railway and would have carried coal from collieries to the south. Within Stage 3 of the archaeological programme, two trenches w

DESCRIPTION This tramway survives as a north/south track and is marked on the O.S.map of 1880. It was a branch line of the Hirwaun Common Railway and would have carried coal from collieries to the south. Within Stage 3 of the archaeological programme, two trenches w

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - - GGATE000959

SOURCES

ARCHWILIO URL
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03221.0m>

PRN 03222m **NAME** 273 TRAMROAD **NGR** SN95660520 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY A local tramroad, surviving as a track, which transported ironstone from the Knobby Drift Ironstone pit (No.274) to the Hirwaun Ironworks during the mid 19th century. Within Stage of the archaeological programme,

two trenches were evaluated and were loca

DESCRIPTION *A local tramroad, surviving as a track, which transported ironstone from the Knobby Drift Ironstone pit (No.274) to the Hirwaun Ironworks during the mid 19th century. Within Stage of the archaeological programme, two trenches were evaluated and were loca*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS *None recorded*

CROSS REFERENCES - - GGATE000959

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03222m>

PRN 03223.0m **NAME** 255B TRAMROAD B - BRANCH OF THE ABERDARE and RHONDDA TRAMROAD **NGR** SN95810512 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY *Shown on the OS map of 1880 as an abandoned branch of the Aberdare & Rhondda tramroad, continuing SSW, presumably to pits, which had vanished by the time of the OS in 1880. The tramroad is built upon an earth bank over 1.5m high which has been truncated*

DESCRIPTION *Shown on the OS map of 1880 as an abandoned branch of the Aberdare & Rhondda tramroad, continuing SSW, presumably to pits, which had vanished by the time of the OS in 1880. The tramroad is built upon an earth bank over 1.5m high which has been truncated*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03223.0m>

PRN 03224m **NAME** 255 RAILWAY A. ABERDARE and RHONDDA RAILWAY **NGR** SN95780514 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Railway, **RANK:** 1

SUMMARY *The course of the Aberdare & Rhondda Railway running roughly west/east, and crossing the proposed line of the A465 near to the crossing over the Nant-y- Bwlch. It is marked on the OS of 1880 as the Aberdare & Rhondda 'main line'. From a bridge over the*

DESCRIPTION *The course of the Aberdare & Rhondda Railway running roughly west/east, and crossing the proposed line of the A465 near to the crossing over the Nant-y- Bwlch. It is marked on the OS of 1880 as the Aberdare & Rhondda 'main line'. From a bridge over the*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS *None recorded*

CROSS REFERENCES - - GGATE000959

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03224m>

PRN 03225.0m **NAME** Tappenden's Tramroad **NGR** SN9616405313, SO0151202181 **COMMUNITY** Cwmbach

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY *Opened 1805, the tramroad was built in two sections; the first by the Neath Canal Company commenced in 1802 from the canal head at Glyn Neath to Wyfra bridge, the second by Homfray, Birch and the*

Tappendens eastwards from the bridge to the ironworks. Later converted to a railway.

DESCRIPTION *It took long deliberation before the construction of a tramroad connecting the ironworks at Llwydcoed and Abernant with the Neath Canal was finally begun. The tramroad was eventually built in two sections; the first by the Neath Canal Company commenced in 1802 from the canal head at Glyn Neath to Wyfra bridge, the second by Homfray, Birch and the Tappendens eastwards from the bridge to the ironworks (Mear 1999). The whole tramroad was eventually opened in 1805. The section east of Hirwaun (03225.0m), also known as the Abernant Tramroad, carried limestone brought from Penderyn along the pre-existing Mr Glover's tramroad (PRNxxx) to Aberdare and Abernant furnaces. Following the eventual commencement of the Aberdare Canal in 1809 a new tramroad branch was built from the proposed canal head to Gelli Isaf bridge. Later in 1819 Abernant ironworks constructed a direct line to the canal, making the route westwards (03225.1m) redundant. In 1827 Gadlys ironworks was linked via a small branch to Robertstown bridge (van Laun 2001: 188-196). The growth of Abernant ironworks resulted in increased traffic and acted as a catalyst for the conversion of the eastern section of tramroad to Aberdare canal firstly to a steam-hauled line and then to a railway in 1852. This route represents the most long-lived section of Tappendens's Tramroad east of Hirwaun, which thrived after the construction of the Aberdare Canal. This includes the original route running between Abernant and Llwydcoed to Hirwaun; later branches built to the new canal head from Gelli-Isaf bridge and Abernant ironworks as well as the 1827 branch linking Gadlys ironworks to the whole system. From Hirwaun the route can be followed along a tarmaced track and footpath just south of the River Cynon above Penywaun to Gelli-isaf bridge near Llwydcoed. Through the site of Llwydcoed ironworks the route can be followed along a footpath then minor road to Abernant, where the later route to the canal can be traced as a footpath to the canal. The branch running from a junction at Gelli-isaf bridge (01084m) to the canal can now be traced along a tarmaced footpath to the canal. approximately 29% of the tramroad survives in varying condition, surviving features include; stone blocks, revetment, bridges (Roberts and Jones 2006). A branch of the Hirwaun-Aberdare Tramroad exists to the west of Hirwaun and follows the present route of the Rhigos Road (A 4059). Orientated roughly east/west, the route approaches Hirwaun from the south-west, and then heads north-east through the town (pmgb 1998).*

CONDITION

CONDITION: MOVED DESCRIPTION: *The surviving tramroad to Llwydcoed Ironworks has been divided into 3 sections: SN 96164 05313 to SN 01512 02181 now forms a footpath crossing Gelli-Isaf tramroad bridge and is reasonably well preserved with exposed stone blocks in situ. The bridge itself is a Scheduled Ancient Monument (SAM GM411). SN 99119 04370 to SN 99012 04350) exists in formation as a muddy footpath continuing east from Gelli-Isaf bridge with no surface finds, however, buried remains are possible. SN 99267 04350 to SN 99119 04370 continues along the footpath from the section above in slightly better condition, through a hollow under a bridge for the mineral railway. No surface features were visible, however, buried remains are possible. Four sections surviving at the canal end of the tramroad are: SO 01139 02850 to SO 01332 02447 is a badly damaged section. Even though this is a public footpath, a drain has been excavated through the middle of the track, destroying the tramroad formation. A couple of finds were made and more may be buried under the dense leaf litter. SO 01428 02349 to SO 01463 02277 survives as a slight grassed over bank, running into a wood. This is on private property and therefore was not surveyed. SO 01199 02398 to SO 01339 02313 is wider than the other sections, the track bed survives and is built up for use as a footpath, buried remains are possible. SO 01199 02398 to SO 01339 02313 the track bed formation survives under built up footpath. Buried remains are possible. SO 00120 03599 to SO 00489 02945 is currently a muddy footpath. The tramroad formation survives in generally good condition with a number of exposed stone blocks, which extends over a bridge abutment. This section has suffered from erosion and disturbance and requires conservation work. A number of stone blocks have been displaced and the south end of the section is untidy, rubbish has been dumped here and building works are ongoing nearby. A fence has been constructed along the west side of the tramroad in this area, this may have destroyed some of the tramroad formation. SN 99701 03611 to SO 00120 03599 is an exceptionally well-preserved section, including an arched stone bridge; the Gelli-isaf bridge built between 1803 and 1805 to the designs of Evan Hopkin, the noted Swansea Valley Engineer. Many exposed stone blocks survive in situ. Although part of the tramway has been destroyed by the A4509, this section includes the scheduled Robertstown Bridge (SAM GM347, 01096m) (Roberts and Jones 2006). **RELATED EVENT: E001996 RECORDED: 2010***

STATUS *None recorded*

CROSS REFERENCES *Associated with 03225.1m GGATE000956, GGATE000959, GGATE001996*

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks 2060

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03225.0m>

PRN 03225.1m **NAME** Tappenden's Tramroad West **NGR** SN8871206736, SN9616405313 **COMMUNITY** Glynneath

TYPE POST MEDIEVAL, Tramway, **RANK:** -

SUMMARY *Opened 1805, the tramroad was built in two sections; the first by the Neath Canal Company commenced in 1802 from the canal head at Glyn Neath to Wyfra bridge, the second by Homfray, Birch and the Tappendens eastwards from the bridge to the ironworks.*

DESCRIPTION *It took long deliberation before the construction of a tramroad connecting the ironworks at Llwydcoed and Abernant with the Neath Canal was finally begun. The tramroad was eventually built in two sections; the first by the Neath Canal Company commenced in 1802 from the canal head at Glyn Neath to Wyfra bridge, the second by Homfray, Birch and the Tappendens eastwards from the bridge to the ironworks (Mear 1999). The whole tramroad was eventually opened in 1805. The western section ran west from Hirwaun to the Neath canal head at Glyn-Neath. This section was more or less abandoned after the opening of the Aberdare canal and extension of the eastern section. Most of the tramroad route now comprises minor roads and tracks. From Hirwaun this route can be followed along Manchester Place and Meadow Lane; from this point the tramroad route has been interrupted by road construction and land redevelopment. Its route can be picked up again along Rigos Road. It heads south west through private land and then along a footpath as far as Wyfra Ucha. West of Wyfra Uchaf farm to the Vale of Neath Gliding Club, the route can be traced along a gravelled and tarmaced track. From here the route of the footpath depicted on the map has been diverted and the tramroad lost to land reclamation. West of Graig-y-nos farm the route can be followed along a tarmaced road, down an incline then along Merthyr and Aberdare Roads. Approximately 16% of the tramroad survives in varying condition, surviving features include; bridge, causeway and inclined plane (Roberts and Jones 2006).*

CONDITION

CONDITION: *MOVED DESCRIPTION:* The surviving section of this tramroad can be split into five parts. SN 92622 06281 to SN 92446 06203 survives as a grassed over formation through private land. Horses and erection of temporary stabling have caused some erosion and damage. A stone bridge survives in an overgrown state. SN 92444 06203 to SN 92102 06225 survives in a cutting with stone and earth field-banks to either side. This section is very overgrown with reeds. Drainage of the area is poor and therefore it is difficult to clearly see the tramroad surface and formation. SN 92102 06225 to SN 92019 06199 this section survives as a raised causeway and possible culvert. However, the sides of the embankment are badly eroded and the section that crosses Nant Gwrrangon is covered in thick vegetation. SN 89386 06477 to SN 89922 06322 a section may survive here but the condition is unknown as this lies within private land and was unavailable for survey. SN 89142 06545 to SN 89217 06528 this is a section of incline surviving in good condition through a wooded area as a rough cobbled stone surface. However, in some parts the section is overgrown and littered with fallen trees (Roberts and Jones 2006).. **RELATED EVENT:** E001996 **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES Associated with 01039.1m, Associated with 03225.1m, Associated with 03225.2m GGATE000956, GGATE001996

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks 2060

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03225.1m>

PRN 03227m **NAME** 253 TURFSTONE WALLED LANDSCAPE **NGR** SN95250533 **COMMUNITY** Rhigos **TYPE** POST MEDIEVAL, Field boundary, **RANK:** 1

SUMMARY *Either side of the A465 are the remnants of a turfstone walled landscape which probably predates industrial activity in the area*

DESCRIPTION *Either side of the A465 are the remnants of a turfstone walled landscape which probably predates industrial activity in the area*

CONDITION

CONDITION: *MOVED DESCRIPTION:* - **RELATED EVENT:** - **RECORDED:** 1998

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03227m>

PRN 03231.0m **NAME** 255C TRAMROAD C **NGR** SN95870510 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Tramway, **RANK:** 1

SUMMARY *The course of a tramway running SSW, but not shown on the OS of 1880. The tramroad intersects with Tramroad B. causing the partial destruction of its earth bank, and indicating its later construction date. Within Stage 3 of the archaeological programme,*

DESCRIPTION *The course of a tramway running SSW, but not shown on the OS of 1880. The tramroad intersects*

with Tramroad B. causing the partial destruction of its earth bank, and indicating its later construction date. Within Stage 3 of the archaeological programme,

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - - GGATE000959

SOURCES**ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03231.0m>

PRN 03232m **NAME** 274 KNOBBY DRIFT IRONSTONE PIT, JOHNSON

PARK **NGR** SN95590491 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Quarry, **RANK:** 1

SUMMARY This ironstone pit was served by a tramway which fell into disuse before it was surveyed for the O.S. in the 1870s (No. 273). The quarry supplied ironstone to the Hirwaun Ironworks during the mid 19th century.

DESCRIPTION This ironstone pit was served by a tramway which fell into disuse before it was surveyed for the O.S. in the 1870s (No. 273). The quarry supplied ironstone to the Hirwaun Ironworks during the mid 19th century.

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03232m>

PRN 03233m **NAME** 254 COAL TIPS, BRYNGELLI ESTATE **NGR** SN95200534 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, Spoil heap, **RANK:** 1

SUMMARY South of the A465, and close to the second roundabout west of Hirwaun, are extensive coal-tippings that date from the nineteenth/twentieth centuries. Standing around 25m high and running for 300m the tips originate from nearby collieries to the south. A

DESCRIPTION South of the A465, and close to the second roundabout west of Hirwaun, are extensive coal-tippings that date from the nineteenth/twentieth centuries. Standing around 25m high and running for 300m the tips originate from nearby collieries to the south. A

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 1998

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Babtie assessment Hirwaun to Clydach A465 **ARCHWILIO URL**

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT03233m>

PRN 04774m **NAME** Signal Box, Tir Mawr Farm, Llwyncoed **NGR** SN980053 **COMMUNITY** Llwydcoed

TYPE POST MEDIEVAL, Railway signal box, **RANK:** 1

SUMMARY A signal box on the OS 1st Edition map.

DESCRIPTION A signal box on the OS 1st Edition map (Graves-Brown 1999).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2003

STATUS None recorded

CROSS REFERENCES - - GGATE001729, GGATE002618

SOURCES

Report Graves-Brown, P. 1999 Tir Mawr Farm, Llwydcoed, Aberdare: Tir Gofal HE2 Farm Visit Report 2110 01/Pm desc text/GGAT 67 Tir Gofal/1999-2000/CCW Tir Gofal HE2 data/S15000470 **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT04774m>

PRN 05190m **NAME** Bute Pit **NGR** SN95230470 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, Colliery, **RANK**: 1

SUMMARY This colliery visible on the 1877 first edition OS map. North of the pit is the Bute Tramway. A number of disused tips, noted on map. Related sites include Bute Colliery and Hirwaun Tramway, as well as Knobby Drift Ironstone Pit, Johnson Park.

DESCRIPTION This colliery visible on the 1877 first edition OS map. North of the pit is the Bute Tramway. A number of disused tips, noted on map. Related sites include Bute Colliery and Hirwaun Tramway, as well as Knobby Drift Ironstone Pit, Johnson Park (01).

CONDITION

CONDITION: MOVED **DESCRIPTION**: - **RELATED EVENT**: - **RECORDED**: 2006

STATUS None recorded

CROSS REFERENCES Associated with 02498.0m, Associated with 03232m

SOURCES

01/Map/Ordnance Survey/1st Edition (Epoch) OS Historical Map/1877. **ARCHWILIO URL**
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT05190m>

PRN 06020m **NAME** Knobby Drift Culvert, near Hirwaun **NGR** SN95320499 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, Culvert, **RANK**: -

SUMMARY Modern culvert runs roughly east/west through land-parcel.

DESCRIPTION Modern culvert runs roughly east/west through land-parcel. The culvert is a linear ditch cut, approximately 1.5m in width and 0.5m in depth; it is now grassed over.

CONDITION

CONDITION: MOVED **DESCRIPTION**: - **RELATED EVENT**: E005161 **RECORDED**: 2006

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report Thomas, C 2006 Ty Draw Farm, Rhigos, Aberdare, RCT: Tir Gofal HE2 Farm Visit Report: 3018
ARCHWILIO URL
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT06020m>

PRN 07808m **NAME** Nebo Chapel, Merthyr Road **NGR** SN95900552 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, chapel, **RANK**: -

SUMMARY The site comprises a two storeyed post-medieval chapel with a 'U' shaped upper floor of pews.

DESCRIPTION The site comprises a two storeyed post-medieval chapel with a 'U' shaped upper floor of pews.

CONDITION

CONDITION: MOVED **DESCRIPTION**: - **RELATED EVENT**: E002180 **RECORDED**: 2013

STATUS None recorded

CROSS REFERENCES - - GGATE002180

SOURCES

Report (digital) Humphreys, Mr and Mrs 2012 Photographic Survey Record Report: Nebo Chapel, Merthyr Road, Hirwaun, Aberdare CF44 9PB 3251; HER_MM_0266
Report Humphreys, Mr and Mrs 2012 Digital photographs (75) Nebo Chapel, Merthyr Road HER_MM_0266; HERP2249.1-75
ARCHWILIO URL
<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT07808m>

PRN 07928m **NAME** Hirwaun Firing Range, Rhondda Cynon Taff,

Rhigos **NGR** SN94900534 **COMMUNITY** Rhigos

TYPE Modern, Firing range, **RANK:** -

SUMMARY A 'Volunteer Firing Range' is shown on the OS First Edition six-inch map, described as 'Firing Range' on the 25-inch sheet (surveys dated 1867-72). The range occupied a field located to the immediate south of the old Heads of the Valleys road (A465) to the west of Hirwaun. Targets (of which there were three centred at SN94810518) are shown at the south-west end of the field, slightly uphill from shooting butts the lines of which are shown at 100, 200, 300, 400 and 500 yard intervals to the north-east of the targets. Former coal workings surrounded the site on the south and west which impinged on the field on its west side. Field investigation failed to detect any traces of the mapped range features. The field has been truncated at its north-east end by the current A465 trunk road which has erased the 500 yard butts. To the south-west the site of the targets and the 100 yard butts is now occupied by the Tower Colliery opencast/reclamation area which was in operation when the site was visited in August 2013; access to confirm the destruction of those features could not be obtained. The intervening butts could not be located in dense rush overgrowth. The unevenness of the ground here together with the pattern of grassland nearby suggests the field has had coal waste graded over it at some point since the range went out of use, part of the field being reclaimed and now used for pasture. Before the time of the OS Second Edition map (1904), however, it is clear that there had been a change in the way the range was used. The original targets and butts had been removed - perhaps erased - and new targets created; one some 20-30 yards behind the old ones and another in the south-west corner of the field at SN95680522, both sites now in the opencast area. As these are described as 'old targets' the range had gone out of use before 1904. However, it is believed to have come back into use briefly during the First World War.

DESCRIPTION A 'Volunteer Firing Range' is shown on the OS First Edition six-inch map, described as 'Firing Range' on the 25-inch sheet (surveys dated 1867-72). The range occupied a field located to the immediate south of the old Heads of the Valleys road (A465) to the west of Hirwaun. Targets (of which there were three centred at SN94810518) are shown at the south-west end of the field, slightly uphill from shooting butts the lines of which are shown at 100, 200, 300, 400 and 500 yard intervals to the north-east of the targets. Former coal workings surrounded the site on the south and west which impinged on the field on its west side. Field investigation failed to detect any traces of the mapped range features. The field has been truncated at its north-east end by the current A465 trunk road which has erased the 500 yard butts. To the south-west the site of the targets and the 100 yard butts is now occupied by the Tower Colliery opencast/reclamation area which was in operation when the site was visited in August 2013; access to confirm the destruction of those features could not be obtained. The intervening butts could not be located in dense rush overgrowth. The unevenness of the ground here together with the pattern of grassland nearby suggests the field has had coal waste graded over it at some point since the range went out of use, part of the field being reclaimed and now used for pasture. Before the time of the OS Second Edition map (1904), however, it is clear that there had been a change in the way the range was used. The original targets and butts had been removed - perhaps erased - and new targets created; one some 20-30 yards behind the old ones and another in the south-west corner of the field at SN95680522, both sites now in the opencast area. As these are described as 'old targets' the range had gone out of use before 1904. However, it is believed to have come back into use briefly during the First World War.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** E004823 **RECORDED:** 2014

STATUS None recorded

CROSS REFERENCES - - GGATE004823

SOURCES

Report Crawford, J. 2014 First World War Scoping Study Glamorgan and Gwent 4707 2020_06

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT07928m>

PRN 08091m **NAME** Cairn, Hirwaun Common **NGR** SN93750424 **COMMUNITY** Rhigos

TYPE UNKNOWN, Cairn, **RANK:** -

SUMMARY Possible cairn identified on scarp of Hirwaun Common at NGR SN93750424.

DESCRIPTION Possible cairn identified on scarp of Hirwaun Common at NGR SN93750424. Low rise mound of stones, roughly circular in plan with a diameter of approximately 1.5m. It is covered in short grass with some exposed stonework to the west. The size of the cairn and its proximity to the footpath suggests that it is a track marker rather than a prehistoric ritual or funerary monument.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** E005161 **RECORDED:** 2006

STATUS None recorded

CROSS REFERENCES - - GGATE005161

SOURCES

Report Thomas, C 2006 Ty Draw Farm, Rhigos, Aberdare, RCT: Tir Gofal HE2 Farm Visit Report: 3018

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08091m>

PRN 08098m **NAME** Tower Graig Tramway, near Hirwaun

Common **NGR** SN93860525 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, Tramway, **RANK:** -

SUMMARY Historic maps identify an old tramway running roughly north/south through land-parcels G and E (TG200) towards Tower Graig Level (NPRN91588).

DESCRIPTION Historic maps identify an old tramway running roughly north/south through land-parcels G and E (TG200) towards Tower Graig Level (NPRN91588). The tramway is also recorded as 'dismantled' on modern maps. Site visit confirmed that the course of the old tramway is still visible as earthworks within land-parcel G, but terminates where it reaches spoil tips (TG199); this reflects the features visible on modern maps. The course of the tramway can be seen ascending the north facing slope of Hirwaun Common to Tower Graig Level within land-parcel E.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** E005161 **RECORDED:** 2006

STATUS None recorded

CROSS REFERENCES - - GGATE005161

SOURCES

Report Thomas, C 2006 Ty Draw Farm, Rhigos, Aberdare, RCT: Tir Gofal HE2 Farm Visit Report: 3018

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08098m>

PRN 08411m **NAME** Royal Observer Corps Monitoring Post,

Hirwaun **NGR** SN95110609 **COMMUNITY** Hirwaun

TYPE MODERN, ROYAL OBSERVER CORPS SITE, **RANK:** -

SUMMARY A former Royal Observer Corps monitoring post. Built to provide information to both civil and military authorities in the event of military attack. The site at Hirwaun is located on waste ground to the rear of the Mount Pleasant Inn on the W side of the A4059. At the time of visiting in 2000 the bunker had been mostly demolished above ground with only some reinforcing rods visible.

DESCRIPTION A former Royal Observer Corps monitoring post. Built to provide information to both civil and military authorities in the event of military attack. The underground bunker was designed to provide satisfactory nuclear blast protection and self sufficiency for a number of weeks. The site at Hirwaun is located on waste ground to the rear of the Mount Pleasant Inn on the W side of the A4059. It was opened in October 1959 and closed in October 1968. At the time of visiting in 2000 the bunker had been mostly demolished above ground with only some reinforcing rods visible. The entrance shaft had been filled with soil and rubble. For further information see the Subterranea Britannica web-site.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2000

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Online Resource Royal Observer Corps Association

Online Resource Subterranea Britannica An on-line Survey of the U.K.'s R.O.C. & U.K.W.M.O. Monitoring Posts

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08411m>

PRN 08465.1m **NAME** Mr Glover's Railroad **NGR** SN9412308950,

SN9615105323 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, RAILWAY, **RANK:** -

SUMMARY Railroad. From the quarries at Penderyn the tramroad ran south to Hirwaun ironworks.

DESCRIPTION From the quarries at Penderyn the tramroad ran south to Hirwaun ironworks. Its route can be followed along what is now the Penderyn Quarry Trail, Broniestyn Terrace, Penyard Road, across the scheduled causeway (SAM BR157), along High Street, Heol Uchaf to where it once joined with Tappendens' Tramroad (03225.0m) (Roberts and Jones 2006).

CONDITION

CONDITION: MOVED DESCRIPTION: Between SN9446608916 to SN9412308950. The section is rated as: Moderately Intact: formation in good condition, occasionally with associated features visible in situ, and high potential for buried remains. This is a moderate to well-preserved section of tramroad formation now used as a footpath. West of SN 94157 09024 there are numerous features relating to both the tramroad and surrounding quarries. This area would benefit from a detailed survey (Roberts and Jones 2006). **RELATED EVENT:** - **RECORDED:** 2006

CONDITION: MOVED DESCRIPTION: Between SN9514308447 to SN9593006081. The section is rated as: Altered: formation (of tramroads/railways) survives with upper surface in altered state, some potential for buried remains. This section is a currently Penderyn quarry Trail, as a well-maintained footpath with information boards 08469m and picnic tables. (This section is recorded as U1 by John van Laun). The survival of original features here is largely unknown. The track bed has been built up, nearby finds (e.g. 08469m, 08471m) indicate that the route continued in use until mid-20th century; appearing as the Penderyn Railway on 3rd Ed OS map of 1919. The area retains a number of features including a couple of early stone blocks (08474m, 08475m) found out of situ. There is potential, however, for buried remains (Roberts and Jones 2006). **IWT014(ii) RELATED EVENT:** - **RECORDED:** 2006

CONDITION: MOVED DESCRIPTION: Between SN9589205793 to SN9577105659. The section has been rated as: Intact: well-preserved formation with abundant associated features visible in situ. The section follows a route parallel to station road and continues across a revetted causeway (01093.0m/34847/34640) over the Afon Cynon until Tudor Avenue. Despite its status (SAM BR157), the whole section is severely overgrown and in a neglected state as is the rest of the scheduled ironworks area. The 'entrance' to the footpath is through an unmarked gap in a fence. Nevertheless, the formation of the tramroad is essentially well preserved as a series of part exposed stone blocks with wear marks and even some spikes in situ on blocks visible along the left side of the track. The well-preserved nature of the exposed remains would suggest considerable potential for other buried remains (Roberts and Jones 2006). **IWT014(i) RELATED EVENT:** - **RECORDED:** 2006

STATUS None recorded

CROSS REFERENCES Associated with 08465.2m, Associated with 08466m, Associated with 08467m, Associated with 08468m, Associated with 08469m, Associated with 08470m, Associated with 08471m, Associated with 08472m, Associated with 08473m, Associated with 08474m, Associated with 08475m, Associated with 08476m, Associated with 08477m, Associated with 08478m, Associated with 08479m, Associated with 08480m, Associated with 08481m, Associated with 08482m, Associated with 08483m, Associated with 08484m, Associated with 08485m, Associated with 08486m, Division of 08465.0m GGATE000956

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks 2060

ARCHWILIO URL

<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08465.1m>

PRN 08465.2m **NAME** Bryngwyn Extension, Mr Glover's Railroad

NGR SN9605405351 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, RAILWAY, RANK: -

SUMMARY From a junction with Mr Glover's Railroad at Heol Uchaf, The tramroad ran southeast to Bryngwyn Patches.

DESCRIPTION From a junction with IWT014 at Heol Uchaf, The tramroad ran southeast to Bryngwyn Patches. The exact route of the 1794 tramroad to Bryngwyn Patches is unknown, however, a route has been postulated (dashed line on figure 69) and this follows that depicted on 1st Ed OS, which at this date had apparently become a branch line to the Hirwaun Common Railway (Roberts and Jones 2006).

CONDITION

CONDITION: MOVED DESCRIPTION: Between SN9715504569 to SN9725704456. The section is rated as: Moderately Intact: formation in good condition, occasionally with associated features visible in situ, and high potential for buried remains. Nearly the whole route of this tramroad has been destroyed by urban development and landscape remodelling. This section is possibly the original bank of the tramroad; a raised, grassed over formation following the designated footpath south of Penywaun to a stile to the east. Make up of the embankment includes substantial blocks of slag and stone. Bank is approx. 1.5m wide and 0.6m high, a stream runs along the south side of formation. (This section corresponds to part of U2 noted by John Van Laun). East of SN 97257 04456 the land has been remodelled, some linear features are present in this area but it was not possible to ascertain their use (Roberts and Jones 2006). **IWT14a(i) RELATED EVENT:** - **RECORDED:** 2006

STATUS None recorded

CROSS REFERENCES Associated with 08465.1m, Associated with 08487m, Associated with 08488m, Division of 08465.0m GGATE000956

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks

2060

ARCHWILIO URL<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08465.2m>

PRN 08466m **NAME** *Stone Blocks, Mr Glover's Railroad* **NGR** SN95610556, SN9588205751 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, STONE BLOCK, RANK: -*

SUMMARY *Series of exposed stone blocks associated with Mr Glover's Tramroad, near clock tower. Track continues over stone built causeway.*

DESCRIPTION *Series of exposed stone blocks near clock tower. Track continues over stone built causeway (Roberts and Jones 2006). Associated with Tramroad 08465.1m*

CONDITION

CONDITION: MOVED DESCRIPTION: *As reported in Roberts and Jones 2006. No further details of condition given. Associated with IWT014(i)* **RELATED EVENT:** - **RECORDED:** 2006

STATUS *None recorded*

CROSS REFERENCES *Associated with 08465.1m GGATE000956*

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks 2060

ARCHWILIO URL<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08466m>

PRN 08467m **NAME** *Stone Blocks and Causeway, Mr Glover's Railroad* **NGR** SN95870585 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, STONE BLOCK, RANK: -*

SUMMARY *About 6 exposed stone blocks with chair wear marks along the scheduled causeway on Mr Glover's Railroad; one has a spike in situ.*

DESCRIPTION *About 6 exposed stone blocks with chair wear marks along the scheduled causeway; one has a spike in situ (Roberts and Jones 2006). Related to Railroad 08465.1m*

CONDITION

CONDITION: MOVED DESCRIPTION: *As reported in Roberts and Jones 2006. No further condition record given. Associated with IWT014(i)* **RELATED EVENT:** - **RECORDED:** 2006

STATUS *None recorded*

CROSS REFERENCES *Associated with 08465.1m GGATE000956*

SOURCES

Report Roberts, R. Jones, C. 2006 Southeast Wales Industrial Ironworks Landscape Year 2: transport networks 2060

ARCHWILIO URL<https://archwilio.org.uk/arch/query/page.php?watprn=GGAT08467m>

PRN 08615m **NAME** *Feeder leat, Hirwaun Pond* **NGR** SN9413706068, SN9449606171 **COMMUNITY** *Rhigos*

TYPE *POST MEDIEVAL, LEAT, RANK: -*

SUMMARY *Feeder leat depicted on 1st edition OS map which connected Hirwaun Pond with Nant Ochain.*

DESCRIPTION *Feeder leat depicted on 1st edition OS map which connected Hirwaun Pond (01809m) with Nant Ochain (08616m). Area now that of Hirwaun Industrial estate (Roberts & Jones 2007).*

CONDITION

CONDITION: MOVED DESCRIPTION: *Area now that of Hirwaun Industrial estate (Roberts & Jones 2007)* **RELATED EVENT:** - **RECORDED:** 2007

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08615m>

PRN 08616m **NAME** Nant Ochain **NGR** SN9367705886, SN9421906747 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, LEAT, **RANK:** -

SUMMARY Natural stream depicted on 1st edition OS map which ran from moorland to the south. A feeder leat ran east from a part of the stream to the large pond at Hirwaun.

DESCRIPTION Natural stream depicted on 1st edition OS map which ran from moorland to the south. A feeder leat (08615m) ran east from a part of the stream to the large pond at Hirwaun (01809m) (Richards & Jones 2007).

CONDITION

CONDITION: NOT APPLICABLE **DESCRIPTION:** Natural feature (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08616m>

PRN 08617m **NAME** New Pond, Hirwaun **NGR** SN9489205799 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, RESERVOIR, **RANK:** -

SUMMARY Reservoir depicted on 1st Ed OS as New Pond. Directly south of Hirwaun Pond.

DESCRIPTION Reservoir depicted on 1st Ed OS as New Pond. Directly south of Hirwaun Pond (01809m). Large earthwork/embankment survives to north and east of feature. Reservoir now much reduced to a few small ponds adjacent to this embankment.

CONDITION

CONDITION: DAMAGED **DESCRIPTION:** Reservoir now much reduced to a few small ponds adjacent to this embankment (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08617m>

PRN 08618m **NAME** Leat for Hirwaun Pond **NGR** SN9393705647, SN9454305942 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, LEAT, **RANK:** -

SUMMARY Leat depicted on 1st edition OS map which ran from marshland to the Southwest.

DESCRIPTION Leat depicted on 1st edition OS map which ran from marshland to the Southwest. Joined to natural issue. (Roberts & Jones 2007).

CONDITION

CONDITION: DESTROYED **DESCRIPTION:** Noted as destroyed in year 3 of Southeast Wales Industrial Ironworks project (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08618m>

PRN 08619m **NAME** Nant-y-Cnapiau **NGR** SN9410404608, SN9514505656 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, STREAM, **RANK:** -

SUMMARY Small stream, partially embanked, depicted on 1st edition OS map which ran from near Tower Colliery to leat connected to Hirwaun New Pond.

DESCRIPTION Small stream, partially embanked, depicted on 1st edition OS map which ran from near Tower Colliery to leat (IWW008) connected to New Pond (08617m).

CONDITION

CONDITION: NOT APPLICABLE **DESCRIPTION:** Noted in year 3 of Southeast Wales Industrial Ironworks project (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08619m>

PRN 08620m **NAME** Leat and Sluice for New Pond **NGR** SN9470405425, SN9483405699 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, LEAT, **RANK:** -

POST MEDIEVAL, SLUICE, RANK: -

SUMMARY Sluice with small leat depicted on 1st edition OS map, which connected New Pond with Nant-y-Cnapiau.

DESCRIPTION Sluice with small leat depicted on 1st edition OS map, which connected New Pond (08617m) with Nant-y-Cnapiau (08619m) (Roberts & Jones 2007).

CONDITION

CONDITION: NEAR DESTROYED **DESCRIPTION:** Partial survival; there are indications that part of this leat may survive from APs. (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08620m>

PRN 08621m **NAME** New Pond Leat **NGR** SN9491405630, SN9560705789 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, LEAT, **RANK:** 0

SUMMARY Leat depicted on 1st edition OS map which ran from New Pond to join the River Cynon via a small section of Nant y Bwlch.

DESCRIPTION Leat depicted on 1st edition OS map which ran from New Pond (08617m) to join the River Cynon via a small section of Nant y Bwlch (IWW009). This section of the River Cynon was used as a water supply for Hirwaun Ironworks (Roberts & Jones 2007).

CONDITION

CONDITION: NEAR INTACT **DESCRIPTION:** Survives largely intact along the same route, but partially diverted

underground. (Roberts & Jones 2007) RELATED EVENT: RECORDED: 2007

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m GGATE000954, GGATE000957*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08621m>

PRN 08622m **NAME** *Nant-y-Bwlch* **NGR** SN9511704652, SN9563305819 **COMMUNITY** *Hirwaun*

TYPE *NOT APPLICABLE, STREAM, RANK: -*

SUMMARY *Stream noted in year 3 of Southeast Wales Industrial Ironworks project.*

DESCRIPTION *Stream noted in year 3 of Southeast Wales Industrial Ironworks project (Roberts & Jones 2007)*

CONDITION

CONDITION: NOT APPLICABLE DESCRIPTION: Noted in year 3 of Southeast Wales Industrial Ironworks project (Roberts & Jones 2007) RELATED EVENT: RECORDED: 2007

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m GGATE000954, GGATE000957*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08622m>

PRN 08623m **NAME** *Feeder leat for New Pond* **NGR** SN9419905737,

SN9478305855 **COMMUNITY** *Rhigos*

TYPE *POST MEDIEVAL, LEAT, RANK: 0*

SUMMARY *Feeder leat for New Pond depicted on 1st edition OS map.*

DESCRIPTION *Feeder leat for New Pond (08617m) depicted on 1st edition OS map, connected to leat 08618m sourced by natural issue in marshy ground to southwest (Roberts & Jones 2007).*

CONDITION

CONDITION: DESTROYED DESCRIPTION: Recorded as destroyed during Southeast Wales Industrial Ironworks Landscapes project (Roberts & Jones 2007) RELATED EVENT: RECORDED: 2007

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m GGATE000954, GGATE000957*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08623m>

PRN 08624m **NAME** *Reservoir at Bute Pit* **NGR** SN9533204544 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, RESERVOIR, RANK: -*

SUMMARY *Reservoir depicted on 1st edition OS map at Bute Pit.*

DESCRIPTION *Reservoir depicted on 1st edition OS map at Bute Pit, fed by leat 08625m from Nant y Bwlch. Also with outlet to smaller pond 08627m (Roberts & Jones 2007).*

CONDITION

CONDITION: NEAR DESTROYED DESCRIPTION: Possible partial boundary depicted on APs, but otherwise

this feature is no longer visible. (Roberts & Jones 2007) RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08624m>

PRN 08625m **NAME** Feeder Leat for Reservoir at Bute Pit **NGR** SN9516904581,

SN9542404723 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, LEAT, **RANK:** 0

SUMMARY Feeder leat depicted on 1st edition OS map, which ran from Nant y Bwlch to reservoir (08624m) at Bute Pit.

DESCRIPTION Feeder leat depicted on 1st edition OS map, which ran from Nant y Bwlch to reservoir (08624m) at Bute Pit (Roberts & Jones 2007).

CONDITION

CONDITION: DESTROYED **DESCRIPTION:** Recorded as destroyed during Southeast Wales Industrial Ironworks Landscapes project (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08625m>

PRN 08626m **NAME** Outlet/Overflow Channel for Reservoir at Bute Pit **NGR** SN9524404570,

SN9533904676 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, DRAINAGE CHANNEL, **RANK:** -

SUMMARY Outlet or overflow channel for reservoir at Bute Pit depicted on 1st edition OS map, which lead to a smaller pond to the northwest.

DESCRIPTION Outlet or overflow channel for reservoir (08624m) at Bute Pit depicted on 1st edition OS map, which lead to a smaller pond (08627m) to the northwest (Roberts & Jones 2007).

CONDITION

CONDITION: NEAR DESTROYED **DESCRIPTION:** Possible survival on APs, although not marked on modern map (Roberts & Jones 2007). **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08626m>

PRN 08627m **NAME** Small Pond at Bute Pit **NGR** SN95234 04688 **COMMUNITY** Hirwaun

TYPE UNKNOWN, POND, **RANK:** -

SUMMARY Possible overflow pond for larger reservoir to southeast at Bute Pit depicted on 1st edition OS map

DESCRIPTION Possible overflow pond for larger reservoir (08624m) to southeast at Bute Pit depicted on 1st

edition OS map (Roberts & Jones 2007).

CONDITION

CONDITION: DESTROYED **DESCRIPTION:** Recorded as destroyed during Southeast Wales Industrial Ironworks Landscapes project (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08627m>

PRN 08628m **NAME** Feeder Channel for Reservoir North of Hirwaun **NGR** SN9537806199, SN9578906560 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, LEAT, RANK: 0

SUMMARY Leat depicted on 1st edition OS map directed from weir on River Cynon which ran to reservoir north of Hirwaun Ironworks.

DESCRIPTION Leat depicted on 1st edition OS map directed from weir on River Cynon which ran to reservoir (08629m) north of Hirwaun Ironworks (Roberts & Jones 2007).

CONDITION

CONDITION: DAMAGED **DESCRIPTION:** Not detailed on modern maps but may survive as dry leat, there is some hint of this on APs though the area is heavily wooded. (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08628m>

PRN 08630m **NAME** Leat Outlet from Reservoir North of Hirwaun **NGR** SN9561206153, SN9578506221 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, LEAT, RANK: -

SUMMARY Water outlet/overflow channel which ran from reservoir into the River Cynon depicted on 1st edition OS map

DESCRIPTION Water outlet/overflow channel which ran from reservoir (08629m) into the River Cynon depicted on 1st edition OS map (Roberts & Jones 2007).

CONDITION

CONDITION: NEAR INTACT **DESCRIPTION:** Survives on modern mapping (Roberts & Jones 2007) **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08630m>

PRN 08631m **NAME** *Leat in Vicinity of Hirwaun Ironworks* **NGR** SN9578105890,
SN9585005956 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, LEAT, RANK: -*

SUMMARY *Part of leat above ground depicted on 1st edition OS map, possibly a continuation of channel from reservoir which supplied water to the furnaces at Hirwaun Ironworks.*

DESCRIPTION *Part of leat above ground depicted on 1st edition OS map, possibly a continuation of channel from reservoir 08629m which supplied water to the furnaces at Hirwaun Ironworks (Roberts & Jones 2007).*

CONDITION

CONDITION: *DESTROYED DESCRIPTION:* *Destroyed, now the location of housing (Roberts & Jones 2007)*

RELATED EVENT: *RECORDED: 2007*

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m GGATE000954, GGATE000957*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08631m>

PRN 08632m **NAME** *Leat for Hirwaun Brickworks* **NGR** SN9604905613,
SN9610406001 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, LEAT, RANK: 0*

SUMMARY *Outlet for Hirwaun Brickworks depicted on 1st edition OS map, flowed into River Cynon.*

DESCRIPTION *Outlet for Hirwaun Brickworks (01807m) depicted on 1st edition OS map, flowed into River Cynon (Roberts & Jones 2007).*

CONDITION

CONDITION: *NEAR INTACT DESCRIPTION:* *The southern section survives as shown on OS maps, northern section may still survive underground. (Roberts & Jones 2007)* **RELATED EVENT:** *RECORDED: 2007*

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m GGATE000954, GGATE000957*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08632m>

PRN 08635m **NAME** *Leat at Hirwaun Ironworks* **NGR** SN9585005617,
SN9606405891 **COMMUNITY** *Hirwaun*

TYPE *POST MEDIEVAL, LEAT, RANK: 0*

SUMMARY *Possible outlet leat at Hirwaun Ironworks depicted on 1st edition OS map, ran into the River Cynon.*

DESCRIPTION *Possible outlet leat at Hirwaun Ironworks depicted on 1st edition OS map, ran into the River Cynon. Part of the route of this leat is postulated as some of it runs underground (Roberts & Jones 2007).*

CONDITION

CONDITION: *INTACT DESCRIPTION:* *Survives on modern OS map as shown on the 1st edition OS. (Roberts & Jones 2007)* **RELATED EVENT:** *RECORDED: 2007*

STATUS *None recorded*

CROSS REFERENCES *Associated with 01109m GGATE000954, GGATE000957*

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08635m>

PRN 08638m **NAME** Reservoir at Hughes's Patch, Hirwaun **NGR** SN9311905951 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, RESERVOIR, **RANK:** 0
SUMMARY Reservoir depicted on 1st edition OS map at Hughes's Patch possibly used in the scouring process.

DESCRIPTION Reservoir depicted on 1st edition OS map at Hughes's Patch (01795m) possibly used in the scouring process. Or may be flooded ironstone mine (Roberts and Jones 2007).

CONDITION

CONDITION: DESTROYED **DESCRIPTION:** Destroyed, though a smaller pond to the south may be a remnant (Roberts & Jones 2007). **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08638m>

PRN 08639m **NAME** Sluice for Reservoir Near Hirwaun
Ironworks **NGR** SN9533704578 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, SLUICE, **RANK:** -
SUMMARY Sluice depicted on 1st edition OS map at reservoir at Bute Pit, Hirwaun

DESCRIPTION Sluice depicted on 1st edition OS map at reservoir 08624m at Bute Pit, Hirwaun (Roberts & Jones 2007).

CONDITION

CONDITION: DESTROYED **DESCRIPTION:** Destroyed (Roberts & Jones 2007). **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08639m>

PRN 08645m **NAME** Sluice, Hirwaun Ironworks **NGR** SN9578005887 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, SLUICE, **RANK:** -
SUMMARY Sluice depicted on 1st edition OS map at Hirwaun Ironworks located near furnaces and associated with a nearby leat.

DESCRIPTION Sluice depicted on 1st edition OS map at Hirwaun Ironworks located near furnaces and associated with leat 08631m (Roberts & Jones 2007).

CONDITION

CONDITION: NOT KNOWN **DESCRIPTION:** Condition recorded as Unknown in Roberts & Jones 2007. **RELATED EVENT:** RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08645m>

PRN 08647m **NAME** Sluice at New Pond, Hirwaun **NGR** SN9491405692 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, SLUICE, **RANK:** 0

SUMMARY Sluice gate south side of New Pond Hirwaun, depicted on 1st edition OS map.

DESCRIPTION Sluice gate south side of New Pond (08617m) Hirwaun, depicted on 1st edition OS map (Roberts and Jones 2007).

CONDITION

CONDITION: NOT KNOWN **DESCRIPTION:** Condition recorded as Unknown in Roberts & Jones 2007.

RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08647m>

PRN 08649m **NAME** Water Storage tank at Hirwaun
Ironworks **NGR** SN9584005822 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, WATER TANK, **RANK:** -

SUMMARY Water storage tank at Hirwaun ironworks near kilns, depicted on 1st edition OS map.

DESCRIPTION Water storage tank at Hirwaun ironworks near kilns, depicted on 1st edition OS map (Roberts and Jones 2007).

CONDITION

CONDITION: NOT KNOWN **DESCRIPTION:** Condition recorded as Unknown in Roberts & Jones 2007.

RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08649m>

PRN 08650m **NAME** Water storage tank, Hirwaun
Ironworks **NGR** SN9581805846 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, WATER TANK, **RANK:** 0

SUMMARY Water storage tank at Hirwaun ironworks adjacent to furnaces/kilns, depicted on 1st edition OS map

DESCRIPTION Water storage tank at Hirwaun ironworks adjacent to furnaces/kilns, depicted on 1st edition OS map (Roberts and Jones 2007).

CONDITION

CONDITION: NOT KNOWN **DESCRIPTION:** Condition recorded as Unknown in Roberts & Jones 2007.

RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08650m>

PRN 08651m **NAME** Water storage tank, Hirwaun Ironworks **NGR** SN9584205864 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, WATER TANK, **RANK:** 0

SUMMARY Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces

DESCRIPTION Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces (Roberts & Jones 2007).

CONDITION

CONDITION: NOT KNOWN DESCRIPTION: Condition recorded as Unknown in Roberts & Jones 2007.

RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08651m>

PRN 08652m **NAME** Water storage tank, Hirwaun Ironworks **NGR** SN9584605870 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, WATER TANK, **RANK:** 0

SUMMARY Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces

DESCRIPTION Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces (Roberts & Jones 2007).

CONDITION

CONDITION: NOT KNOWN DESCRIPTION: Condition recorded as Unknown in Roberts & Jones 2007.

RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012

Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08652m>

PRN 08653m **NAME** Water storage tank, Hirwaun Ironworks **NGR** SN9585005874 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, WATER TANK, **RANK:** 0

SUMMARY Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces

DESCRIPTION Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces (Roberts & Jones 2007).

CONDITION

CONDITION: NOT KNOWN DESCRIPTION: Condition recorded as Unknown in Roberts & Jones 2007.

RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012
Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08653m>

PRN 08654m **NAME** Water storage tank, Hirwaun
Ironworks **NGR** SN9583805861 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, WATER TANK, RANK: 0
SUMMARY Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces

DESCRIPTION Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces (Roberts & Jones 2007).

CONDITION

CONDITION: NOT KNOWN **DESCRIPTION:** Condition recorded as Unknown in Roberts & Jones 2007.
RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012
Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08654m>

PRN 08655m **NAME** Water storage tank, Hirwaun
Ironworks **NGR** SN9583405857 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, WATER TANK, RANK: 0
SUMMARY Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces

DESCRIPTION Row of water storage tanks depicted on 1st edition OS map at Hirwaun Ironworks, near to furnaces (Roberts & Jones 2007).

CONDITION

CONDITION: NOT KNOWN **DESCRIPTION:** Condition recorded as Unknown in Roberts & Jones 2007.
RELATED EVENT: RECORDED: 2007

STATUS None recorded

CROSS REFERENCES Associated with 01109m GGATE000954, GGATE000957

SOURCES

Online Resource Glamorgan-Gwent Archaeological Trust 2010 Southeast Wales Industrial Ironworks Landscapes Website accessed 29 Feb 2012
Report Roberts, R. Jones, C. 2007 Southeast Wales Industrial Ironworks Landscapes Year 3: water management features 2300

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT08655m>

PRN 09348m **NAME** Rhigos Extractive Area **NGR** SN9418804430 **COMMUNITY** Rhigos
TYPE , IRONSTONE WORKINGS, RANK: -
POST MEDIEVAL, COLLIERY, RANK: -
SUMMARY Extractive area identified during Year 4 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 4: Extraction Areas.

DESCRIPTION Very large extractive area depicted on 1st edition OS maps with high density of extractive features, most of which are coal-related. These include Four Feet Level, Bute Pit, towards the northeast of the area, Tower Colliery in the centre, Tower Craig coal level, and Corllwyn coal level. As well as an abundance of levels, including two trial levels, and ventilation shafts, there are large areas of earthworks, unlabelled but likely to be

extractive features. In addition to these coal-related features, is the ironstone quarry at Knobby Drift in the eastern part of the area (Roberts & Graham 2008).

CONDITION

CONDITION: *MOVED DESCRIPTION:* The central part of the area has been opencast, but most of the southwest of the area survives, as well as small corner in the northeast (Roberts & Graham 2008). **RELATED EVENT:** - **RECORDED:** 2008

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Map Ordnance Survey 1st Edition OS map 1:2500

Report Roberts, R. Graham, E. 2008 Southeast Wales Industrial Ironworks Landscapes Year 4: extraction areas 2618

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09348m>

PRN 09396m **NAME** Hirwaun Common, East: area west of Waungron **NGR** SN9581004904 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, METAL EXTRACTION SITE, RANK: -

POST MEDIEVAL, MINERAL EXTRACTION SITE, RANK: -

POST MEDIEVAL, MINING INDUSTRY SITE, RANK: -

SUMMARY Area identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley

DESCRIPTION This area was not specifically visited during the current fieldwork (Roberts 2010).

CONDITION

CONDITION: *MOVED DESCRIPTION:* - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09396m>

PRN 09444m **NAME** Hirwaun Common, West: area north of Bute Pit **NGR** SN9516505119 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, COAL MINING SITE, RANK: -

POST MEDIEVAL, COAL WORKINGS, RANK: -

POST MEDIEVAL, LEVEL, RANK: -

POST MEDIEVAL, SPOIL HEAP, RANK: -

SUMMARY Area identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley

DESCRIPTION A discrete area of relatively small-scale workings, depicted on the 1st edition OS map (1877/1885), an old coal level, and its associated tips. The area has been mainly reclaimed and damaged. The tramroad survives as a small fragment in an otherwise altered landscape, with tipping lines and passing loops visible. The tips alongside the former tramroad remain as grassed-over embankments and cuttings. The large tips associated with the old level are now heavily overgrown, with gorse etc, while the immediate area of the level is also overgrown, with visible signs of disturbance (Roberts 2010).

CONDITION

CONDITION: *MOVED DESCRIPTION:* - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09444m>

PRN 09445m **NAME** *Hirwaun Common, West: Knobby Drift* **NGR** SN9552904879 **COMMUNITY** *Hirwaun*
TYPE *POST MEDIEVAL, IRONSTONE LEVEL, RANK: -*
POST MEDIEVAL, IRONSTONE MINE, RANK: -
POST MEDIEVAL, MINING INDUSTRY SITE, RANK: -
POST MEDIEVAL, SPOIL HEAP, RANK: -
POST MEDIEVAL, TRAMWAY, RANK: 0

SUMMARY *Area identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley*

DESCRIPTION *A discrete area of relatively small-scale workings, depicted on the 1st edition OS map (1877/1885), Knobby Drift ironstone mine and its associated tips. The tips remain, and the cutting for the mine entrance is extant, though it has been partially landscaped (Roberts 2010). A number of former tramroads (serving workings to the south) shown on the 1st edition 1:2500 OS map are within the area.*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09445m>

PRN 09716m **NAME** *Drift Mine, Hirwaun Common* **NGR** SN9595304610 **COMMUNITY** *Hirwaun*
TYPE *POST MEDIEVAL, DRIFT MINE, RANK: -*

SUMMARY *Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *A coal drift mine depicted on the 1st edition OS map (1877), in an area of small-scale, isolated workings. Feature survives to be shown on modern OS mapping. Not visited (Roberts 2010).*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09716m>

PRN 09717m **NAME** *Horse Way Level, Hirwaun Common* **NGR** SN9593204871 **COMMUNITY** *Hirwaun*
TYPE *POST MEDIEVAL, LEVEL, RANK: -*

SUMMARY *Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *A level named 'Horse Way' on 1st edition OS map (1877/1885), with associated tip to northnortheast, its eastern end cut by the north-west route of the former incline to Bryn-gwyn Colliery (now a metallated track). The level cutting is shown to survive on modern OS maps (Roberts 2010).*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09717m>

PRN 09718m **NAME** Circular Mound (former Pit or Shaft?), W of Horse Way Level, Hirwaun Common **NGR** SN9589204877 **COMMUNITY** Hirwaun

TYPE MODERN, MOUND, RANK: -

POST MEDIEVAL, PIT, RANK: -

POST MEDIEVAL, SHAFT, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A circular feature (Pit or collapsed shaft?) shown on 1st edition OS map (1877/1885), located to the west of Horse Way Level. Feature visible on aerial photographs survives as a circular mound, c. 10m in dia., surmounted by low rectangular embanked structure, c.5.8m square. (Roberts 2010). This might be a capped shaft - but unconfirmed.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09718m>

PRN 09719m **NAME** Tramroad spur off the Aberdare Rhondda Railway, Hirwaun Common **NGR** SN9583804871 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, TRAMWAY, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A surviving section of tramroad depicted on the 1st edition OS map (1877/1885) running south to a stream gully at SN9589504758 on the lower slopes of Hirwaun Common, from a junction of the Aberdare and Rhondda Railway at SN9580605204. The feature is shown un-railed on the 1st edition OS map and is noted as an 'Old Tramway' by 1900 (2nd edition OS map 1900/1904). The surviving section (shown on modern OS maps) runs south as a grassed over formation/embankment, c.3.28m (width varies) from SN9580905125, just south of the former junction (now lost to 20th century road construction), carried over stream by a culvert (03168m), it is cut by the SSW-NNE course of the later tramroad EA005.66 at SN9582605027, before entering a cutting at SN9583404890, which curves southeast to the stream gully, where the feature terminates (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09719m>

PRN 09720m **NAME** Aberdare Rhondda Railway, Hirwaun Common **NGR** SN9558405038 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, RAILWAY, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Surviving sections of railway embankment/formation depicted on the 1st edition OS map (1877/1885), part of the line named the 'Aberdare Rhondda Railway' on the 1st edition map (later Tower Colliery Railway on 2nd edition OS map 1900/1904). The surviving eastern section, c.3.6m wide (width varies), comprises a slightly embanked/raised loop curving from west to north (between SN9564205033 and SN9578905139), and formerly extended beyond a junction with tramroad spur EA005.64 at SN9580605204 (now lost to road

development) to join with the Hirwaun Common Railway. And a further surviving section to the west of SN9526905064 comprising two closely associated spur loops, shown railed on the 1st edition OS map. The loops are associated with trackside features EA027.03, EA07.04 and EA07.05 and set within a curvilinear area of tips. These tips and the route of the tramroad/railway formation survive within an area of recent plantation. The majority of the railway route between the surviving eastern and western formations is in use as a track (Roberts 2010). Course of surviving sections shown on modern OS mapping.

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09720m>

PRN 09760m **NAME** Tramroad, Hirwaun Common **NGR** SN9579804974 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, TRAMWAY, **RANK:** -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A surviving section of a tramroad, c.3.6m wide (width varies), first depicted on the 2nd edition OS map (1900/1904) extending SSW-NNE from Padell y Bwll Graig Colliery (at SN9510803687), cutting the embanked line of 'Old Tramway' EA005.64 at SN9582605027, and terminating at a siding on the Hirwaun Common Railway (at SN9592205185). Surviving section lies between SN9586605105 and SN9565504706; to the south of SN9575104887 the route survives as a shallow linear cutting, north of this point as a slightly raised grass covered formation

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09760m>

PRN 09855m **NAME** Rectangular water feature, Knobby Drift **NGR** SN9557304756 **COMMUNITY** Hirwaun
TYPE POST MEDIEVAL, RESERVOIR, **RANK:** -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A rectangular feature, probably a small reservoir or holding tank depicted on 1st edition OS maps (1877/1885), with connecting leats. This feature was not individually visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09855m>

PRN 09856m **NAME** Engine House, Knobby Drift **NGR** SN9556904956 **COMMUNITY** Hirwaun

TYPE POST MEDIEVAL, ENGINE HOUSE, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Building, probably an engine house, depicted on 1st edition OS maps (1877/1885) to the north of Knobby Drift Ironstone Pit, on the west side of a short length of tramroad which runs due north from the level portal. A platform area is visible at this point measuring 18m north-south by 12m east-west, the ground at this point has obviously been disturbed. There is also a small structure 2.5m by 3m, with grassed-over stone-built footings visible, and brick visible on the surface. A small depression and a number of small scoops were noted in the vicinity (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09856m>

PRN 09857m **NAME** Trackside feature, N of Bute Pit, Hirwaun

Common **NGR** SN9520304995 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, STRUCTURE, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A rectangular feature depicted on the 1st edition OS map (1877/1885) on the west side of a tramroad line which links Bute Pit, to the south, with the Aberdare Rhondda Railway to the north. This feature was not individually visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09857m>

PRN 09858m **NAME** Trackside feature, N of Bute Pit, Hirwaun

Common **NGR** SN9517704946 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, STRUCTURE, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A small rectangular feature depicted on the 1st edition OS map (1877/1885) between two tramroad lines, one of which runs south to Bute Pit, with the other joining the Aberdare Rhondda Railway to the north. This feature was not visited during the GGAT80 Year 6 field work (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09858m>

PRN 09859m NAME *Trackside feature, N of Bute Pit, Hirwaun*

Common NGR SN9517204938 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, STRUCTURE, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A rectangular structure or building, with a small annexe on the north side, depicted on the 1st edition OS map (1877/1885) between two tramroad lines, one of which runs south to Bute Pit, with the other joining the Aberdare Rhondda Railway to the north. This feature was not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09859m>

PRN 09860m NAME *Old Level, NW of Bute Pit, Hirwaun*

Common NGR SN9505605086 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, LEVEL, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION An old coal level depicted on the 1st edition OS map, (1877/1885) disused by this date, with the entrance cutting running northeast from the portal. No associated tramroad is depicted on the map. This feature was not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09860m>

PRN 09861m NAME *Air Shaft, Hirwaun Common* **NGR** SN9346704962 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, VENTILATION SHAFT, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded project Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Air shaft depicted on 1st edition OS maps (1877). This feature was not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09861m>

PRN 09862m NAME *Air Shaft, Hirwaun Common* **NGR** SN9372404893 **COMMUNITY** Maerdy

TYPE POST MEDIEVAL, VENTILATION SHAFT, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Air shaft depicted on 1st edition OS maps (1877). This feature was not seen during the GGAT80 Year 6 visit to the area (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** Likely destroyed within opencast area. **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09862m>

PRN 09863m **NAME** Old Coal Level, Hirwaun Common **NGR** SN9406404826 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, LEVEL, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Old coal level depicted on 1st edition OS maps (1877/1885), disused by this date. The entrance cutting is depicted running roughly north from the portal, but no tramroad is shown. A watercourse appears to run out of the portal, and it is likely that the line of the former tramroad became an active water feature and drain for the underground workings. Not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** Within open cast area. **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09863m>

PRN 09864m **NAME** Air Shaft, Hirwaun Common **NGR** SN9405104807 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, VENTILATION SHAFT, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Rectangular air shaft depicted and labelled on 1st edition OS maps (1877/1885), next to old coal level EA027.09. Not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** Within opencast area. **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09864m>

PRN 09865m **NAME** Trial Level, Hirwaun Common **NGR** SN9380904541 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, LEVEL, RANK: -

POST MEDIEVAL, TRIAL MINE, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks

Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Trial level depicted on 1st edition OS map (1881), next to a small area of quarrying. Two short, stubby tips lie to either side of the entrance, one is c6m long and 1m wide, splayed and gently sloping in profile. The curvilinear entrance runs between the tips, c0.8m in width. There is an area of disturbed ground above which may be indicative of patch working or scouring activity. There is a patch of exposed rock face above the site of the level portal. The level entrance itself has collapsed, and the whole area is well vegetated (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09865m>

PRN 09866m **NAME** Air Shaft, Hirwaun Common **NGR** SN9407504423 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, VENTILATION SHAFT, **RANK:** -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Air shaft depicted on 1st edition OS maps (1877). Not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09866m>

PRN 09867m **NAME** Old Level, Hirwaun Common **NGR** SN9429004649 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEVEL, **RANK:** -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Old coal level, depicted on 1st edition OS maps (1877), disused by this date. The entrance appears to have faced northeast, no tramroad is visible serving the level, though a watercourse is shown to issue from the area of the level portal. Site not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: Likely destroyed on edge of open cast area. RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09867m>

PRN 09868m **NAME** Gorllwyn Level, Hirwaun Common **NGR** SN9434704547 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEVEL, **RANK:** -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Gorllwyn Level (Coal), depicted and named on 1st edition OS maps (1877). The lack of associated tramroad depicted on the historic maps suggests that the level was no longer in use by this date, and the watercourse, which issues from the portal possibly follows the line of any former tramroad. Site not visited during the GGAT80 Year 6 fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09868m>

PRN 09871m **NAME** Trial Level, Hirwaun Common **NGR** SN9324804747 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEVEL, RANK: -

POST MEDIEVAL, TRIAL MINE, RANK: -

POST MEDIEVAL, VENTILATION SHAFT, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A series of small workings terraced into the slope, with an air shaft, or possible chimney base at the head of the complex [possibly a ventilation shaft]. This is a small brick-lined circular shaft, c1m wide and c1.2m deep, with jumbled brick at the base, the brickwork lining appears to have been pushed in on itself from the north side. The bricks have been placed end-on lining the shaft, with a single thickness of bricks, which are yellow and unfrogged. This shaft is set on a platform c4m by 4m, c0.4m deep defined by 2-3 courses of roughly placed stone. There is a series of quarry/level workings downslope from this, firstly a cutting directly below the shaft, possibly the level entrance, with a second slight cutting below this and three fingertips further down the slope. This area is labelled as a trial level on the 1st edition OS map (1881) (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09871m>

PRN 09872m **NAME** Linear Quarry, Hirwaun Quarry **NGR** SN9351704633 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, QUARRY, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A linear series of quarry scoops, running along the spring line, which appear to be following a seam or outcrop, and are aligned along a spring line (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09872m>

PRN 09873m **NAME** *Quarry and tips, Hirwaun Common* **NGR** SN9362504573 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, QUARRY, RANK: -
POST MEDIEVAL, SPOIL HEAP, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Small areas of exposed rock face, up to 1.5m high, with scouring channels above, with a scouring channel draining downslope and a small level below which has been cut into the rock face, and small short curving spoil tips below (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09873m>

PRN 09874m **NAME** *Platform, Hirwaun Common* **NGR** SN9351304682 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, PLATFORM, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A rectilinear platform, 22m wide and c4m long, with some scattered stones, possibly a stone dump (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09874m>

PRN 09876m **NAME** *Long quarry workings, Hirwaun Common* **NGR** SN9353604529 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, HUSH, RANK: -
POST MEDIEVAL, QUARRY, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A long linear quarry (GPS generated NGR on west edge) with amorphous tips downslope with indications of small rubbish mounds and debris on the slopes to the west of the quarry, and with a gully on its west side, possibly an access point, or a scouring channel, the quarry faces show signs of having been scoured. There are several natural-looking water channels in this area, and it may be that this is an early quarry, where the minerals were initially naturally exposed through the action of water and streams, and later deliberately scoured. The scour appears to be an adapted natural stream, with a steeply angled bank on the west side channelling the water into the quarry. An ephemeral track or gully runs from east-west above the quarry face, c0.2m deep and c1.2m wide. This channel is truncated to the east by a second quarry embayment, though there are indications that it originally did continue above this. At the east end of the quarry, there is another major curving scour with a bank channelling the water into the workings (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09876m>

PRN 09877m **NAME** Boundary bank, Hirwaun Common **NGR** SN9380204476 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, BOUNDARY BANK, **RANK:** -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Major boundary bank running roughly east-west, contouring hillside c1.5m wide and slightly scarped into slope (Roberts 2010). Note site type in report amended to Boundary Bank.

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09877m>

PRN 09878m **NAME** Leat, Hirwaun Common **NGR** SN9374704604 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEAT, **RANK:** -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Two parallel linear depressions running downslope to the northwest from level EA027.11, slightly cut into the slope with a rough bank on the downslope side, joining EA027.25 (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09878m>

PRN 09879m **NAME** Leat (Hush), Hirwaun Common **NGR** SN9378104650 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, HUSH, **RANK:** -
POST MEDIEVAL, LEAT, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION An east-west sunken linear feature joining EA027.24 at SN 93742 04623 (7m accuracy). Possibly a scouring leat, noted extending from c. SN9363404607 to SN9384304652, but probably extends beyond to E and W along contours of the slope (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09879m>

PRN 09880m **NAME** Tower Craig Level Incline I, Hirwaun
Common **NGR** SN9346904937 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, INCLINED PLANE, **RANK:** -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION The incline serving Tower Craig Level, running northnorthwest. It is depicted on the 1st edition OS map (1881) as a track, but not as a working incline, and survives as a substantial embankment c6.5m wide on top, running across a series of slight gullies, and over 5m high at some points. It appears to have been partially tipped over at points by the tips from Tower Graig Level. At the point of the culvert EA027.27, the top of the incline narrows to c3.6m, which may represent deliberate narrowing of the embankment or partial collapse. Approximately 15m downslope of the culvert, the southwest side of the incline has been scarped into the slope. The 1st edition OS map shows a different incline in use running northnortheast downslope from the level, suggesting that this is an earlier feature which fell out of use and was later tipped over (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09880m>

PRN 09881m **NAME** Culvert, Hirwaun Common **NGR** SN9351104819 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, CULVERT, **RANK:** -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A culvert carrying the incline EA027.26 over a stream gully, IWW932, with a stone-built arch on the west side, c0.8m high and c1.5m wide, open on the west side, and partially collapsed on the east (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09881m>

PRN 09882m **NAME** Leat, Hirwaun Common **NGR** SN9373004589 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEAT, **RANK:** -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A linear feature contouring the slope, running roughly east-west, joining linear feature EA027.24 at SN9375604592 which extends from the area level EA027.11 (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09882m>

PRN 09883m **NAME** *Leat, Hirwaun Common* **NGR** SN9377804645 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, HUSH, **RANK:** -
POST MEDIEVAL, LEAT, RANK: -
SUMMARY *Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *A sunken linear feature, possibly a leat, part of a scouring system, running downslope from southeast to northwest, joining with EA027.25 and continuing downslope to the edge of a small quarry (Roberts 2010).*

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09883m>

PRN 09884m **NAME** *Tower Craig Level Incline II, Hirwaun Common* **NGR** SN9364804855 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, INCLINED PLANE, **RANK:** -
SUMMARY *Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *Linear incline at Tower Craig Level on 1st edition OS map (1877), aligned SSW-NNE (surviving between its head at SN9358304708 and the edge of reclaimed area at S9371405002), formerly giving access via Tramway to the GWR (Vale of Neath Section) to the NNE, and also via Tramway to just W of Four Feet Level and thence by an Old Tramroad (disused on 1st edition OS) to Hirwaun Ironworks to the ENE. Formation of incline, steep sided and grass covered, now heavily disturbed by water erosion and posts for overhead services. Junction of Tramway spur (at SN9369704062) to Hirwaun Ironworks shown on 1st edition OS, spur traceable on APs (within boggy area) to edge of reclaimed land at SN9379905008 (Roberts 2010).*

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS *None recorded*

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09884m>

PRN 09885m **NAME** *Trial Level?/Linear Working, N of Tower Craig Level* **NGR** SN9379804916 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEVEL, **RANK:** -
SUMMARY *Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *A small linear cutting (c. 42m in length) aligned approximately N-S with a small triangular-shaped lobed (4 lobes to N) tip to the N, depicted on 1st edition OS map (1877). Site survives and is visible on APs (Roberts 2010).*

CONDITION

CONDITION: DAMAGED **DESCRIPTION:** *Site survives and is visible on APs (Roberts 2010).* **RELATED EVENT:** - **RECORDED:** 2010

CONDITION: NOT KNOWN **DESCRIPTION:** *A Quarry named and depicted on 1st edition OS map* **RELATED EVENT:** **RECORDED:** 1877

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09885m>

PRN 09886m **NAME** Quarry, SE of Tower Craig Level **NGR** SN9377204545 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, QUARRY, RANK: -
POST MEDIEVAL, SPOIL HEAP, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Small quarry, c. 63m in length NW-SE, depicted on 1st edition OS map (1877), aligned NW-SE, quarry face to SW, steep sided waste tips to NE. Evidence of scouring/hushing (EA027.33) in form of leat running SE-NW to SW above quarry face. Adjacent Trial Level (EA027.11) at E end (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09886m>

PRN 09887m **NAME** Leat, E of Tower Craig Level **NGR** SN9377704505 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, LEAT, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION Leat, extending between SN9366504483 and SN9382904586, possibly further, associated with hushing for quarry EA027.32 (Roberts 2010). Note - not on 1st edition OS map as stated in report, identified in the field.

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09887m>

PRN 09888m **NAME** Old Ironstone Workings, E of Tower Craig Level **NGR** SN9395604690 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, HUSH, RANK: -
POST MEDIEVAL, IRONSTONE WORKINGS, RANK: -
POST MEDIEVAL, SPOIL HEAP, RANK: -
SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION An extensive area of ironstone workings indicated on the 1st edition OS map (1877) extending W-E between SN9377004684 and SN9411104663 (at a major N-S boundary bank) along the N facing slopes of Twyn Canwylyr (Twyn Canwyllbren) with two major scouring/hushing gullies at SN9377804647 and SN9388104644. The workings are no longer named or connected by transport networks on 1st edition OS, therefore, are likely to be long disused by this date. The OS 2" to the mile Surveyors' Drawings of 1814 indicate a 'Mine Works', ie ironstone workings at this general location. The 2 major hushing scours with associated leats at

the W end of the site are well preserved, as are banks/waste tips. The E part of the area has been disturbed by a modern track associated with Tower Colliery Drift. An area containing numerous braided stream gullies, probably associated with scouring was noted on the steep mountain side above to the S. These features are extensive and will require further in-depth study (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09888m>

PRN 09889m **NAME** Old Ironstone Workings, NW of Gorllwyn

Level NGR SN9427604582 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, HUSH, RANK: -

POST MEDIEVAL, IRONSTONE WORKINGS, RANK: -

POST MEDIEVAL, SPOIL HEAP, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION An extensive area of ironstone workings indicated on the 1st edition OS map (1877) extending W-E from a major N-S boundary bank between SN9409104610 and SN9451404547 along the N facing slopes of Twyn Canwyllyr (Twyn Canwyllbren) with three major scouring/hushing gullies at: 1) SN9413904645; 2) SN9435304560 site of the Gorllwyn Level (EA027.14); and 3) SN9438404480, which splits in two near this point, each branch with small quarries at SN9438304502 and SN9439504485, associated with this quarrying activity to the NNE are 2 conjoined substantial tips (surviving), with a smaller linear tip downslope at the NW of the latter (now largely destroyed), with the site of an adjacent well (1st edition OS map). A number of smaller scouring gullies, visible on APs are located within the area, as are a number of leat features (hushing leats) extending to the quarry faces, possibly hushing leats. In addition to Gorllwyn Level, the ironstone workings area takes in an old coal level (EA027.13). Apart from the old coal level (EA027.13) and the Gorllwyn Level (EA027.14), the workings are no longer named, and only the old coal level is connected by then current transport networks on 1st edition OS. Generally, therefore, the workings are likely to be long disused by this date. The OS 2" to the mile Surveyors' Drawings of 1814 indicate a 'Mine Works' at this general location, connected to Hirwaun ironworks via tramroad/haulage track (a feature now lost to the modern Tower Colliery Drift workings). An area containing numerous braided stream gullies, probably associated with scouring was noted on the steep mountain side above to the S and SW. These features are extensive and will require further in-depth study (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09889m>

PRN 09891m **NAME** Track from Hirwaun to Rhyd-y-cyllyll **NGR** SN9368504358 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, TRACKWAY, RANK: -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION A partially terraced/scarped track leading from Hirwaun to Rhyd-y-cyllyll and beyond to Blaen Rhondda, crosses the area (EA027) from NE-SW between SN9457404542 and SN9321303617 (where the track divides taking alternative routes to the pass). Depicted on 1st edition OS map (1877), this feature passed and gave access to Crawshay's Tower (PRN 01797m; NPRN 226,638), and also Chwar Canwyllbren Quarry (EA027.36) further to the W as it exited the area (Roberts 2010).

CONDITION

CONDITION: MOVED **DESCRIPTION:** - **RELATED EVENT:** - **RECORDED:** 2010

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09891m>

PRN 09893m **NAME** *Track to Tower Craig Level* **NGR** SN9376904727 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, PATH, RANK: -
SUMMARY *Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *A track or path depicted on the 1st edition OS map (1877) leading SW (route only survives between SN9358904690 and SN9403604856 within area EA027) to Tower Craig Level from a junction with the main E-W tramroad leading between Tower Craig Level and the area of Four Feet Level (now taken by Tower Colliery Drift). Little survives at present to indicate whether this was more than a footpath access (Roberts 2010).*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09893m>

PRN 09894m **NAME** *Former tramroad to Four Feet Level area, Hirwaun Common* **NGR** SN9514105082 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, TRAMWAY, RANK: -
SUMMARY *Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *The course of a former tramroad shown as a track on the 1st edition OS map (1877/1885), which is shown running south west from the Hirwaun Ironworks under an overbridge carrying the Hirwaun Common Railway to the area of the Four Feet Level, and beyond to Tower Colliery and other workings. The route of this feature is shown on earlier maps including the 1814 OS 2" Surveyors' Drawings with branches to coal pits to the west and an east-west spur at its southeast end leading to Mine Works (i.e. Ironstone workings EA027.35), and appears to be the same as a track shown on George Yates's Map of Glamorgan (1799), which is depicted leading straight from the Ironworks to two coal pits. Today it's route survives as a minor tarmacked road leading to the site of the Tower Colliery Tips (Roberts 2010).*

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS *None recorded*
CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09894m>

PRN 09895m **NAME** *Former tramroad to Level NE of Four Feet Level, Hirwaun Common* **NGR** SN9512205200 **COMMUNITY** Rhigos
TYPE POST MEDIEVAL, TRAMWAY, RANK: -
SUMMARY *Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.*

DESCRIPTION *The course of a tramroad shown as a track on the 1st edition OS map (1877/1885), extending*

northnortheast from level (coal) EA027.06 to the line of former tramroad EA027.42 at c. SN9515905224. At the time of the field visit nothing of the feature was visible (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09895m>

PRN 09896m **NAME** Former tramroad, N of Four Feet Level, Hirwaun

Common **NGR** SN9514005224 **COMMUNITY** Rhigos

TYPE POST MEDIEVAL, TRAMWAY, **RANK:** -

SUMMARY Area/Feature identified during Year 6 of Cadw funded Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley.

DESCRIPTION The course of a tramroad shown as a track on the 1st edition OS map (1877/1885) marked as an 'Old Tramway' and extending westsouthwest - eastnortheast from an area of tips at SN9467205095 to split in two at c. SN9511305223 and then join tramroad route EA027.40 at c. SN9529405226 and SN9526705205. This feature may be related to a spur line of EA027.40, which is shown on the OS Surveyors' Drawings of 1814 running approx E-W of EA027.40 to two coal pits. A hint of an ephemeral grassed covered linear feature was noted during fieldwork (Roberts 2010).

CONDITION

CONDITION: MOVED DESCRIPTION: - RELATED EVENT: - RECORDED: 2010

STATUS None recorded

CROSS REFERENCES - -

SOURCES

Report (digital) Roberts, R. 2010 Southeast Wales Industrial Ironworks Landscapes Year 6: The Aberdare-Hirwaun-Penderyn Corridor and Eastern Valley (Catalogue)

ARCHWILIO URL

<http://archwilio.org.uk/arch/query/page.php?watprn=GGAT09896m>

AM - 07.20.22 (12:07) - HTML file produced from GGAT HER, GGAT file number 2883.
Glamorgan Gwent Archaeological Trust, Heathfield House, Heathfield, Swansea, SA1 6EL.
tel (01792) 655208, fax (01792) 474696, email her@ggat.org.uk, website www.ggat.org.uk

Archaeological data, from the Regional Historic Environment Record, supplied by The Glamorgan-Gwent Archaeological Trust in partnership with Local Authorities, Cadw and the partners of ENDEX GGAT, 2010.

Appendix II Written Scheme of Investigation

Archaeology Wales Ltd

The Reading Room, Town Hall, Llanidloes SY18 6BN

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E: info@arch-wales.co.uk

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Specification

For Archaeological Desk Based Assessment:

Tower Colliery, Rhondda Cynon Taf

Prepared for:

Tower Regeneration Limited

Project No: 2751

September 2019

Archaeology Wales Limited
The Reading Room, Town Hall,
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Figure 1. Location of development area (red)

Summary

This Specification details the proposal for an archaeological Desk-Based Assessment associated with the proposed construction of a development on 40 hectares of reclaimed land associated with the adjacent Tower Colliery surface mine in Hirwaun, Rhondda Cynon Taf. The proposed development will be a mix of residential use, employment use, and commercial use. It has been prepared by Archaeology Wales Ltd for Tower Regeneration Ltd.

1. Introduction

The proposed development site is located to the south and west of the village of Hirwaun, Rhondda Cynon Taf, approximately centred on NGR SN 94746 05273 (Figure 1). The site covers an area of approximately 40 hectares, and this includes approximately 4.4 hectares set out for residential use; 5.4 hectares for commercial use (including a hotel, petrol filling station and flexible A1-A3 uses); and 26.4 hectares for employment use. The archaeological advisors to Rhondda Cynon Taf County Borough Council Planning Authority is The Glamorgan-Gwent Archaeological Trust Archaeological Planning Management (GGAT-APM).

This Specification has been prepared by James Evans, Archaeology Wales Ltd (Henceforth - AW) at the request of Tower Regeneration Ltd. It provides information on the methodology that will be employed by AW during a Desk Based Assessment and Site Visit.

The purpose of the proposed Desk-Based Assessment is to provide GGAT-APM with the information they are likely to request in respect of the proposed development, the requirements for which are set out in Planning Policy Wales (Ed.10 December 2018), Section 6, and Technical Advice Note 24. The work is to highlight and assess the impact upon standing and buried remains of potential archaeological interest to ensure that they are adequately preserved or fully investigated and recorded if they are disturbed or revealed as a result of subsequent activities associated with the development.

All work will conform to the Standard and Guidance for Archaeological Desk Based Assessment (ClfA, 2014) and be undertaken by suitably qualified staff to the highest professional standards.

2. Development Details & Site Description

The proposed development comprises of plans for the construction of 130 new residential properties, a hotel, petrol filling station and other commercial properties, and properties for employment use. The site is currently made up of approximately 40 hectares of reclaimed land associated with the adjacent Tower Colliery surface mine. It lies to the south of the A4061, to the east of Rhigos Road, and to the south of the A465, forming valley hillside that generally rises from north to south away from

the main village with the land to the north forming open mountainside. The plot consequently sits above the main village and forms a highly visible and prominent site from the existing, established residential areas nearby, as well as from panoramic views at various locations in both the immediate and wider localities across the valley.

The geology beneath the proposed development area comprises of mudstone, siltstone and sandstone belonging to the South Wales Lower Coal Measures Formation. This bedrock formed approximately 318 to 319 million years ago in the Carboniferous Period (BGS, 2019).

3. Site specific objectives

The primary objective of the desk-based assessment will be to assess the potential impact of the development proposals on the historic environment by means of a detailed desk-based study and site visit. This will help inform future decision making, design solutions and potential mitigation strategies. The aim will be to make full and effective use of existing information in establishing the archaeological significance of the site, to elucidate the presence or absence of archaeological material, its character, distribution, extent, condition and relative significance.

The work will include a comprehensive assessment of regional context within which the archaeological evidence rests and will aim to highlight any relevant research issues within national and regional research frameworks.

This desk-based assessment will result in a report that will provide information of sufficient detail to allow informed planning decisions to be made which can safeguard the archaeological resource. The information could then be used to determine further archaeological investigation or appropriate mitigation strategies for any archaeological remains within the area to be implemented prior to or during the proposed development. Preservation *in situ* will be advocated where at all possible, but where engineering or other factors result in loss of archaeological deposits, preservation by record will be recommended.

4. The proposed archaeological work

The proposed archaeological work relates to the whole of the site, i.e. all of the application area.

The aim of the work will be to establish and make available information about the archaeological resource existing on the site. The work will include the following elements:

- A detailed desk-based assessment (Stage 1)
- A site visit (Stage 2)
- The production of an illustrated report and the deposition of the site archive (Stage 3)

5. Method statement for a detailed desk-based assessment (Stage 1)

The assessment will consider the following:

- a) The nature, extent and degree of survival of archaeological sites, structures, deposits and landscapes within the study area. It will involve the following areas of research:
 1. Collation and assessment of all relevant information held in the regional HER at the Glamorgan-Gwent Archaeological Trust in Swansea, within a 1km buffer zone around the proposed development area.
 2. Collation and assessment of the impact on all Designated archaeological sites (Scheduled Ancient Monuments, Listed Buildings, Historic Parks & Gardens, landscapes, Conservation Areas) within 3km buffer zone around the proposed development area.
 3. Assessment of all available excavation report and archives including unpublished and unprocessed material affecting the site and its setting.
 4. Assessment of all extant aerial photographic (AP) evidence. This will include visits to Central Register of Air Photography for Wales, in Cardiff.
 5. Assessment of archive records held at the County Archives, and as appropriate, site files held by RCAHMW
 6. Records held by the developer e.g. bore logs, geological/geomorphological information, aerial photographs, maps, plans.
 7. Map regression analysis using all relevant cartographic sources e.g. All editions of the Ordnance Survey County Series, Tithe and early estate maps (as available).
 8. Place name evidence.
 9. Internet sourced satellite imagery and Lidar imagery as available.
 10. Assessment of the records held at the Portable Antiquities Scheme.
 11. Historic documents (e.g. Charters, registers, estate papers).
- b) The significance of any remains in their context both regionally and nationally and in light of the findings of the desk-based study.
- c) The history of the site, based on the areas of research outlined above.
- d) The potential impact of any proposed development on the setting of known sites of archaeological importance (this will constitute a brief assessment, rather than a formal assessment such as that detailed in the Design Manual of Roads and Bridges).
- e) The potential for further archaeological remains to be present, which have not been identified in pre-existing archaeological records.
- f) The potential for further work, with recommendations if requested and where appropriate for a suitable investigative and/or mitigation methodology.

6. Method statement for the site visit (Stage 2)

The site visit will be a visual walked search of the accessible development area. The ground surface will be visually inspected for all earthworks, structures and finds. The location of any environmental archaeological deposits, or areas which may have a potential for such deposits, will also be taken into account along with the visible archaeology.

All located sites or finds will be accurately fixed by means of GPS. Each individual find or site location will have an accurate NGR reference attached. Where a close cluster of related features is identified a single NGR for the centre of the cluster will be used, and each constituent feature separately described in the text.

The character, function, condition, vulnerability, potential dating and relationship to other features of each identified site or find will be described fully. The importance of the site or find will be assessed in terms of local, regional or national significance.

Written, drawn and photographic records of an appropriate level of detail will be maintained throughout the course of the project. Digital photographs, including scales, will be taken using cameras with resolutions of 10 mega pixels or above.

The site visit will also assess the visual impact of the proposed development on the setting of known sites of archaeological importance. Photographs will be taken from the proposed development to help illustrate and assess this visual impact and Designated sites within the study area will also be visited with photographs taken towards the proposed development to help illustrate and assess this visual impact on these sites.

7. Method statement for the production of an illustrated report and the deposition of the site archive (Stage 3)

A report will be produced which synthesises the results of stages 1 and 2 and thereby assesses the total archaeological resource within the development area.

The results will be presented in a report and will be detailed and laid out in such a way that data and supporting text are readily cross-referenced. The report will adhere to the Welsh Archaeological Trust's joint Guidance for the Submission of Data to the Welsh Historic Environment Records (2018). The historical development of the site will be presented in phased maps and plans comprising clearly, the outline of the site.

Within the report an attempt will be made to indicate areas of greater or lesser archaeological significance and the sites will be ranked in level of overall archaeological importance (locally, regionally and nationally).

All relevant aerial photographs, re-plots and historic maps will be included and be fully referenced.

The report will specifically include the following:

1. a copy of the design brief (if applicable)

2. a location plan
3. all identified sites plotted on an appropriately scaled plan of the proposal site
4. a gazetteer of all located sites

Copies of the report will be sent to the client and to GGAT for inclusion in the HER. Digital copies will be provided in pdf format.

The site archive

A project archive will be prepared in accordance with the National Monuments Record (Wales) agreed structure and be deposited with the National Monuments Records, held and maintained by the RCAHMW, Aberystwyth, on completion of the report. It will also conform to the guidelines set out in 'The National Standard and Guidance to Best Practice for Collecting and Depositing Archaeological Archives in Wales 2017' (National Panel for Archaeological Archives in Wales 2017). The digital archive will be deposited with the NMR.

Although there may be a period during which client confidentiality will need to be maintained, the report and the archive will be deposited not later than six months after completion of the work.

Other significant digital data generated by the survey (i.e. AP plots, EDM surveys, CAD drawings, GIS maps, etc) will be presented as part of the report on a CD/DVD. The format of this presented data will be agreed with the curator in advance of its preparation.

8. Resources and timetable

Standards

The desk-based assessment will be undertaken by AW staff using current best practice.

All work will be undertaken to the standards and guidelines of the ClfA.

Staff

The project will be undertaken by suitably qualified AW staff. Overall management of the project will be undertaken by Charley James-Martin – project manager, AW (MCIfA).

Timetable of archaeological works

The work will be undertaken at the convenience of the client and is likely to commence imminently.

Insurance

AW is fully insured for this type of work, and holds Insurance with Aviva Insurance Ltd and Hiscox Insurance Company Limited through Towergate Insurance. Full details of these and other relevant policies can be supplied on request.

Arbitration

Disputes or differences arising in relation to this work shall be referred for a decision in accordance with the Rules of the Chartered Institute of Arbitrators' *Arbitration Scheme for the Institute for Archaeologists* applying at the date of the agreement.

Health and safety

All members of staff will adhere to the requirements of the *Health & Safety at Work Act, 1974*, and the Health and Safety Policy Statement of AW.

9. References

Chartered Institute for Archaeologists, 2014. *Standards and guidance for the collection, compilation, transfer and deposition of archaeological archives*.

Chartered Institute for Archaeologists, 2014. *Standards and guidance for the collection, documentation, conservation and research of archaeological materials*.

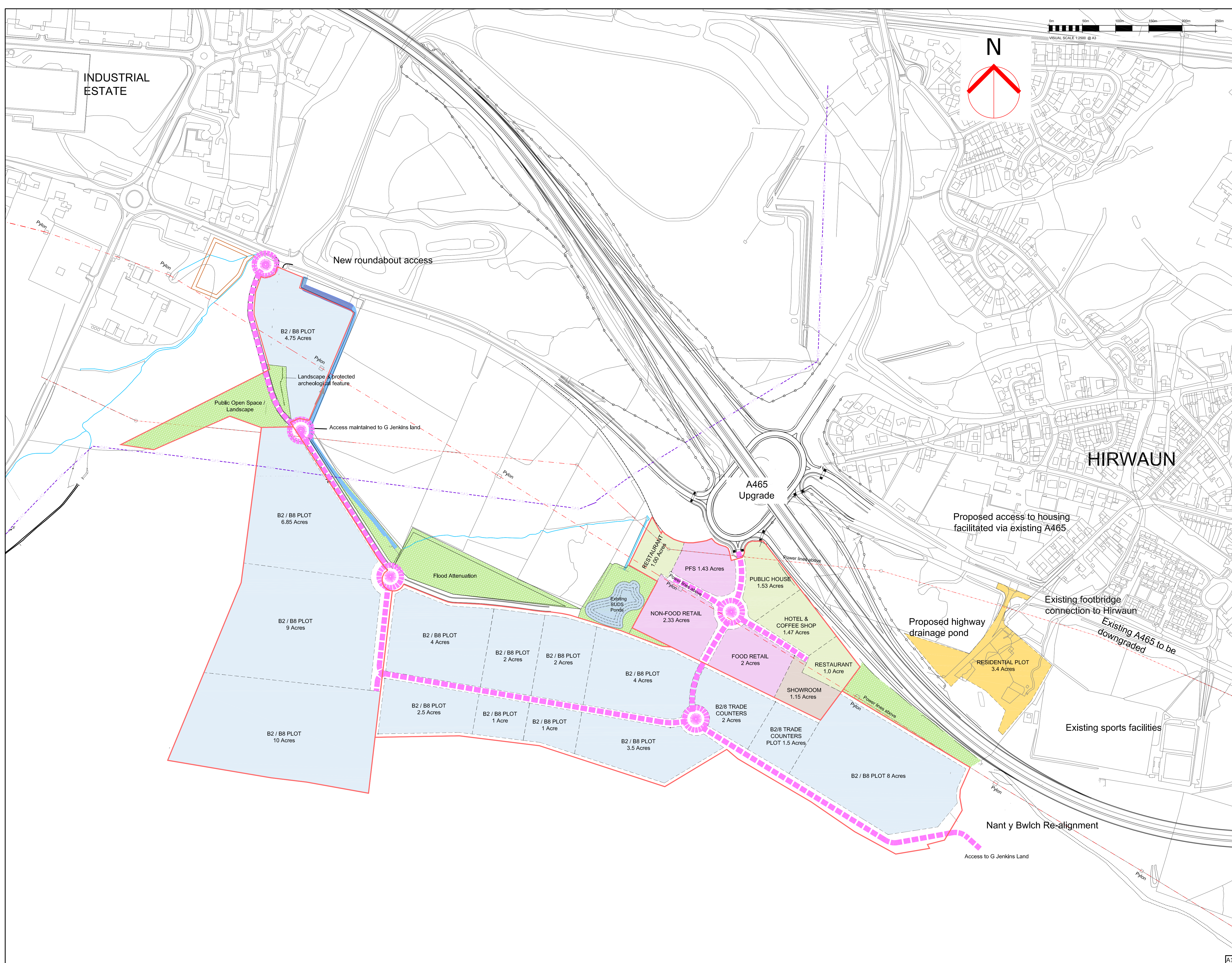
Chartered Institute for Archaeologists, 2014. *Standards and guidance for historic environment desk-based assessment*.

National Panel for Archaeological Archives in Wales, 2017. *The National Standard and Guidance to Best Practice for Collecting and Depositing Archaeological Archives in Wales*

Welsh Archaeological Trusts, 2018. *Guidance for the Submission of Data to the Welsh Historic Environment Records (HERs)*.

British Geological Survey: Geology of Britain viewer:

www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html



Do not scale from this drawing
The contractor is to check all dimensions on site and report any discrepancies to the architect
All rights described in chapter IV of the copyright, designs and patents act 1988 have been generally asserted
Notes

Legend / Area Schedule

Total Site Area 91.00 acres approx'	
Non Food Retail	- 2.33 acres
Food Retail	- 2.00 acres
PFS / Convenience Store	- 1.43 acres
Commercial Showroom	- 1.15 acres
Hotel & Coffee Shop	- 1.47 acres
Restaurants	- 2.00 acres
Public House	- 1.53 acres
= 11.91 acres	
B2-B8 / Trade Counters	- 3.50 acres
B2-B8 Units	- 58.60 acres
= 62.10 acres	
Residential Land	- 3.40 acres
Public Open Space	- 2.66 acres
Flood Attenuation / SUDS	- 5.62 acres *
* Area not included in total site area .	

- Overhead HV cables
- Underground Gas
- Site Boundaries
- Highways infrastructure
- Plot Boundaries

P5	Text updated as e-mail from HL dated 31-05-19	31/05/19	KM	M
P4	Plan developed following partnership meeting / Client comments	29/05/19	KM	M
P3	Commercial Plots updated as Sketch Plan	12-05-19	KM	M
P2	Commercial Plots updated as Sketch Plan	01/05/19	KM	M
P1	Initial Issue	11/04/19	KM	M



Rev	Description	Date	By	Chk
-----	-------------	------	----	-----

Fulcrum
2 Sidney Street
Sheffield S1 4RH
Telephone +44(0)1142761651
Website www.jeffersonsheard.com



Project
Tower Regeneration
Hirwaun

Drawing
Indicative Master Plan
Land Uses

Scale 1:2500	Drawn KM	Date 04/19
Drawing Purpose FOR INFORMATION		Status S2
Ref 1597-JSA-XX-XX-SK-A-02000	Rev. P5	

Appendix III Data Management Plan

Section 1: Project Administration

Project ID
2751
Project Name
Tower Colliery
Project Description
<p>In July 2022 Archaeology Wales was commissioned by Tower Regeneration Ltd. to conduct an archaeological desk-based assessment and site visit to determine the archaeological potential of land adjacent to the former Tower Colliery, Hirwaun, Rhondda Cynon Taf, centred on NGR SN 94746 05273. The assessment has been undertaken in advance of the submission of a planning application for the proposed construction of 130 new residential properties, a hotel, petrol filling station and other commercial properties, and properties for employment use.</p> <p>The proposed development has the potential to directly impact the locations of seven heritage assets. Previous non-intrusive archaeological work was unable to establish any physical remains of these features. The area has been subject to large scale industrial works and reclamation, it is unlikely that any physical remains are intact.</p> <p>There is a potential for there to be indirect impacts on some of the designated assets within the area. The indirect impacts are the potential visual impacts from the designated assets towards the development site. The mitigation suggested in this report is that the current level of tree growth and vegetation screening the site is maintained.</p> <p>All work conformed to the standards and guidance set by the Chartered Institute for Archaeologists (2020). AW is a Registered Organisation with the CIfA.</p>
Project Funder / Grant reference
Tower Regeneration Ltd
Project Manager
Charley James-Martin
Principal Investigator / Researcher
James Evans
Data Contact Person
Rhiannon Philp (rhiannon.philp@arch-wales.co.uk)
Date DMP created
16.05.25
Date DMP last updated
As above
Version
V1
Related data management policies
This DMP is guided by the Project Brief, CIfA Standards and guidance, trusted digital repository guidelines (RCAHMMW) or other best practice guidance (see brief for details)

Section 2: Data Collection

What data will you collect or create?
<p>The table below provides a summary of the data types, formats and estimated archive volume for data collected / created as part of this project. As the project progresses, more detail regarding files will be added to this DMP.</p>

Type	Format	Estimated volume (Data Archived)
Text/documents	PDF (.pdf)	2
Images	Photographs (.jpg)	45
GIS	Shapefiles (.shp plus associated files)	1 group

How will the data be collected or created?

Data Standards / Methods

- Standard methods of data collection will be applied throughout the project, working to best practice guidance where applicable / available. In general, data acquisition standards are defined against RCAHMW Guidelines. Specific or additional guidance relevant to this project are listed below, and will
- be updated as the project progresses.
- Methods of collection are specified within the Project Design and will meet the requirement set out in the Project Brief, the organisation recording manual and relevant CIfA Standards and guidance.
- Where appropriate, project contributors external to the organisation will be required to include data standards, collection methodology and metadata with individual reports and data.
- Specific guidance:
 - Chartered Institute for Archaeologists, 2020. Standard and guidance for the archaeological investigation and recording of standing buildings or structures.
 - Historic England, 2016. Understanding Historic Buildings: A Guide to Good Recording Practice

Data storage / file naming

- The data produced will be uploaded at regular intervals during the project as a way of backing up the information.
- The working project archive will be stored in a project specific folder on the internal organisational server. The internal organisation server is backed up to a cloud-based storage system to maintain an up-to-date security copy of the organisation wide data.
- Project folders are named following established organisational procedures and the folder hierarchy and organisation devised will be understood by all members of staff involved in the project.
- Data collected will be downloaded and raw data will be stored in the appropriate folder.
- File naming conventions following established organisational procedures, based on RCAHMW file naming guidance, and include version control management.
- The data stored will be checked by the project manager regularly as a means of quality assurance.

Section 3: Documentation and metadata

What documentation and metadata will accompany the data?

- Data collected will include standard formats which maximise opportunities for use and reuse in the future (see Section 2, above).
- A RCAHMW metadata document will be included with the digital archive and include all data types included within the archive. A working copy will be kept on the organisational server in the Project Folder. A copy of the form containing HER required data will also be created.
- Data documentation will meet the requirement of the Project Brief, Museum Deposition Guidelines, Digital Repository Guidelines and the methodology described in the Project Design methodology.
- An archive catalogue documenting both physical and digital archive products will be maintained and submitted with both the Museum and Trusted Digital Repository

Section 4: Ethics and legal compliance

How will you manage any ethical, copyright and Intellectual Property Rights (IPR) issues?

- The project archive will include the names and contact details of individuals who intend to volunteer or participate in the excavation and post excavation stages. We have a GDPR compliant Privacy Policy which underpins the management of personal data; any personal data is managed through a secure cloud-based database and not retained on the project specific folders.
- Personal data will be removed from the archaeological project archive and permission to include individual's names in any reporting is gained prior to use.
- Copyright for all data collected by the project team belongs to the organisation, and formal permission to include data from external specialists and contractors is secured on the engagement of the specialist or contractor.
- Where formal permissions and/or license agreements are linked to data sharing, they will be included in the project documentation folders and will accompany the archaeological project archive.

Section 5: Data Security: Storage and Backup

How will the data be stored, accessed and backed up during the research?

- Organisational IT is managed by an external data management provider, who is also responsible for the management and verification of our daily back-ups and who supports access to security copies as needed
- Sufficient data storage space is available via the organisational server, which includes permissions-based access. The server is accessible by staff on and offsite through a secure log-in
- Off-site access to the project files on the organisation's server is provided to support back-up of raw data while fieldwork is ongoing. Where internet access for data back up is not possible, the raw data will be backed up to a separate media device (such as laptop and portable external hard drive).
- Project files will be shared with external specialists and contractors directly using the same system, with the wider project team gaining access to only the files needed using permissions-based access

Section 6: Selection and Preservation

Which data should be retained, shared, and/or preserved?
<ul style="list-style-type: none">• The Selection Strategy and DMP will be reviewed and updated as part of the Post Excavation Assessment and Updated Project Design and following full analysis. Updated documentation will be included in all reporting stages.• Prior to deposition, the Selection Strategy and DMP will be updated and finalised in agreement with all project stakeholders (including the Local Planning Archaeologist, Client, Museum, RCAHMW).• Selection will be informed by the Project Design, defined against the research aims, regional and national research frameworks, specialist advice and the significance of the project results.• The project will be published as an online technical report (accessible via RCAHMW and as part of this archive), with full access to research data.• The data archive will be ordered, with files named and structured in a logical manner, and accompanied by relevant documentation and metadata, as outlined in Sections 2 and 3 of this DMP.• Deselection will be undertaken automatically on any duplicate or unusable files, such as blurry or superfluous photographs.
What is the long-term preservation plan for the dataset?
<ul style="list-style-type: none">• The digital archive will be deposited with the RCAHMW, which is working towards becoming a certified repository with Core Trust Seal.• The archive will be prepared for deposition by the project team and the costs for the time needed for preparation, and the cost of deposition have been included in the project budget.
Have you contacted the data repository?
<ul style="list-style-type: none">• AW has an ongoing agreement with the RCAHMW who the intended repository for digital data are.
Have the costs of archiving been fully considered?
<ul style="list-style-type: none">• A costing estimate has been produced to allow for the preparation of the archive and has been included in the project budget.

Section 7: Data Sharing

How will you share the data and make it accessible?
<ul style="list-style-type: none">• The museum and digital archive repository and will be updated as the project progresses.• The investigations have resulted in the following documents: Project Design, Desk-based Assessment Report• A final version of the project report will be supplied to the Historic Environment Record, and any data which they request can also be provided directly.• The location (s) of the final Archaeological Archive will be included in the final report
Are any restrictions on data sharing required?
<ul style="list-style-type: none">• A temporary embargo may be required on the sharing of the project results. If this is the case, specific details once agreed will be included in the updated version of this DMP and will be documented in the overarching Project Collection Metadata.

- | |
|--|
| <ul style="list-style-type: none">• Data specific requirements, ethical issues or embargos which are linked to particular data formats will be documented within the relevant metadata tables accompanying the project archive |
|--|

Section 8: Responsibilities

Who will be responsible for implementing the data management plan?
--

- | |
|--|
| <ul style="list-style-type: none">• The Project Manager and Post Excavation Manager will be responsible for implementing the DMP, and ensuring it is reviewed and revised at each stage of the project.• Data capture, metadata production and data quality is the responsibility of the Project Team, assured by the Project Manager and Post Excavation Manager.• Storage and backup of data in the field is the responsibility of the field team.• Once data is incorporated into the organisations project server, storage and backup is managed by an external company.• Data archiving is undertaken by the project team under the guidance of the Post Excavation Manager, who is responsible for the transfer of the Archaeological Project Archive to the agreed repository.• Details of the core project team can be found in the Project Design. |
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Archaeology Wales Limited

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