

Southeast Wales Industrial Ironworks Landscapes

Year4: Extraction Areas

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A report for Cadw
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1 Introduction and Acknowledgements

1.1 Introduction

The landscapes of the iron making industry of South East Wales represent an increasingly rare and important historic landscape and archaeological resource, which remains under considerable threat from a variety of developments from reclamation and landscape renewal to residential and industrial development. For this reason the current project has been instigated, to assess the current state of survival/preservation of the ironworks landscapes of the northern coalfield rim, and inform conservation, protection and management requirements through providing recommendations for the proactive and long-term management the ironwork areas.

In essence the work will help to ensure that any necessary change to industrial ironworks landscape is accommodated without sacrificing the essential integrity and coherence of the historic environment.

The latter half of the twentieth century saw the wholesale clearance, reclamation and development of many industrial sites in the South East Wales region. Ironworks, in particular have been vulnerable to landscape reclamation and renewal schemes, to such an extent that the vast majority of ironworks have at least in part been affected, and the process is ongoing. Therefore, it is both opportune and welcome that this project has been instigated, commissioned and funded by Cadw as part of an on-going initiative. It is hoped that this report will provide the catalyst for the urgent consideration of the future conservation of ironworks and their associated landscapes.

The current report sets out the results of the project, with a section defining the aims, and methodology. It also summarises the known and potential threats and provides general recommendations and establishes management/conservation priorities.

The main body of the report, Section 6, identifies and briefly describes the extraction areas and landscapes identified from the rapid review of the 1st edition mapping. These have been digitally mapped using a MapInfo Geographical Information System, and figures have been produced to illustrate the various interests. The extraction areas mapped are based on the first edition 1:2500 OS map, Landmark mapping, kindly provided by Cadw under licence agreement.

1.2 Acknowledgements

The project was commissioned by Cadw and undertaken by the Glamorgan-Gwent Archaeological Trust (GGAT) in their remit as the regional archaeological body responsible for the understanding and preservation of the archaeological resource in southeast Wales.

The Trust would like to thank the staff of the Glamorgan Record Offices, Cardiff and Swansea, Gwent Record Office and the National Library of Wales for their assistance, The National Assembly for Wales for their helpful assistance and the staff at the National Monuments Record (NMR), RCAHMW, Aberystwyth, in particular Medwyn Parry. The Trust would also like to thank Judith Alfrey of Cadw for providing comments and advice during the project. Thanks are also due to Jessica Mills and Philip Hobson, Archaeological Records Officers, at Cadw.

For advice in obtaining information on opencast and reclaimed land, the Trust would like to thank the staff of Unitary Authorities, especially Dave Whetter of Caerphilly CBC's Planning Department. The Trust would also like to thank Anthea Brown of the British Geological Survey, and David Clarke, Joe Dearden, Graham Martin and Mike Sheldon of the Coal Authority for their assistance. Digital mining information – past opencast site data was kindly provided by the Coal Authority (ref: CA29/03/02).

The report has been prepared by Richard Roberts and Ellie Graham, with the assistance of other staff of the Glamorgan-Gwent Archaeological Trust, notably Charina Jones, Historic Environment Record Manager. The digital mapping has been prepared by Ellie Graham, Charina Jones, Richard Roberts and Paul Jones of the GGAT Illustration Department.

1.3 Copyright Notice

The copyright of this report is held by Cadw: Welsh Historic Monuments and the Glamorgan-Gwent Archaeological Trust Ltd. The maps are based on Ordnance Survey mapping provided by the National Assembly for Wales with the permission of the Controller of Her Majesty's Stationary Office, Crown Copyright. All rights reserved. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Licence No: 100017916 (2008).

2 The Study Area

The overall project entailed work on the ironworks and related features within the northern coal rim area. These are located within the respective Unitary Authorities: Blaenau-Gwent, Caerphilly, Merthyr Tydfil, Monmouthshire, Neath Port-Talbot, Rhondda Cynon Taff, and Torfaen.

The study was initially limited to the northern coalfield rim, specifically those sites described in L Ince 1993 *The South Wales Iron Industry 1750-1885*, Merton Press. The northern coalfield rim of South East Wales supplied over 30 major blast furnace iron-producing sites. However, this years project was limited to the Heads of the Valleys Region, specifically to the area designated by the Heads of the Valleys Initiative Strategy.

Between the 1790s and 1840s the Heads of the Valleys in particular was the largest producer of iron in Britain, if not the world. Whilst the key areas of Blaenavon and Merthyr Tydfil have undergone intensive study much of the rest of the northern coalfield rim remains have been afforded little in the way of recording. The RCAHMW through their upland survey and aerial mapping have studied this area as a priority and a lot of data is and will become available from them. There are many other local historians/archaeologists who have published work on different parts of the area and the first edition OS map contains an extraordinary picture of this landscape at the end of its productive life. Due to the large amount of work already completed in the areas of Merthyr Tydfil and Blaenavon, these areas were omitted from this study but known results have been mapped as part of the project.

The first three years of this project studied the core Ironworks areas themselves, and their associated transport links (restricted to limestone railways and tramroads) and extensive water management systems through out the northern coal rim area. Also associated with the ironworks are extensive extractive landscapes, the subject of the current years study. As a whole all these components contribute to a complex, integrated landscape within and extending between each valley region. For years three and four modifications were made to the remit, scale and with these the extent of the study area to allow the project to tie into the requirements of programmes, such as the Heads of the Valleys Initiative, and to provide results on a landscape scale through increasing available baseline data in a rapid way.

The study area was revised to cover the area of the Heads of the Valleys initiative, thereby excluding ironworks sites, to the west of Hirwaun and beyond the eastern boundary of the Initiative area, excluding the Clydach Valley. Because of this, the need to cover a larger geographic area in the third and fourth year than originally proposed, combined with the complexity and large scale of the water management systems and extractive areas, and the need to rapidly provide baseline data, it was decided to restrict the third and current years' project almost exclusively to mapping exercises.

3 Purpose of the Report – aims and applications.

A number of Industrial Iron working landscapes are well known and well protected. Notably the World Heritage Designation at Blaenavon, but some protection is also afforded through inclusion on the Historic Landscape Register at for example Merthyr Tydfil and Cwm Clydach. In other areas only those elements that are Scheduled or Listed are protected and consequently other elements of the landscape relating to the monument are more exposed to removal or impairment through re-development. Industrial landscape reclamation and opencast are considered to be the main threats to these endangered and rapidly disappearing landscapes and their component elements whilst other developments could also have impacts.

It was proposed that the study be initially limited to the northern coalfield rim, specifically those sites described in L Ince 1993 *The South Wales Iron Industry 1750-1885*, Merton Press. The northern coalfield rim supplied 30 major blast furnace iron-producing sites. A simple but valuable exercise comprised comparing evidence from depictions of the core ironwork areas on the first edition OS map with modern maps and aerial photographic material, with the intention of identifying what survives and is visible, what survives and is buried, and what has been destroyed. The boundaries of the initial study were taken as the limits of the core ironworks areas and did not extend to wider transport links, waterworks and associated extraction sites, which were to be covered in the future. Validation was through site visits, consultation with local land reclamation departments and talking to local experts. Each ironworks core area was categorised as archaeologically sensitive areas, areas of archaeological potential or sterile areas. As a separate document a review of the scheduling of these sites could then be undertaken.

Large-scale regeneration proposals, such as the Heads of the Valleys Initiative, represent as much an opportunity as a threat to this existing and as yet largely unquantified heritage resource. Whilst environmental enhancement work is potentially damaging to the archaeological resource, the Heads of the Valleys programme proposes five key strategic goals, the leader of which is ‘an attractive and well-used natural, historic and built environment’, and it is envisaged that this will be achieved through strategic landscape-scale environmental enhancements. A further goal refers to ‘an appealing and coherent tourism and leisure experience’, which would include for large regional-scale projects. There is considerable opportunity for integrated heritage management, and for this reason it has been attempted to tailor the ironworks landscape project to fit the landscape-scale focus of the Heads of the Valleys programme.

Local conservation initiatives, which could allow the industrial monuments to be tied in with ecological protection in amenity developments, offer further example of the potential of proactive management.

Whilst there is this wealth of information Cadw are endeavouring to improve the protection and management of what is perhaps one of the most important aspects of Wales’ history. Cadw would like to see this project attempt at building a consensus and partnership over how to tackle the protection and management issues and assimilate the information gathered into these processes. This may in effect act as a scoping for a larger project to be taken forward in future years.

The study should ultimately provide the information necessary to:

- assess the current state of survival/preservation, conservation and the recording requirements (of the ironworks landscapes of the northern coal rim)
- inform future protection and management issues, including future scheduling proposals (regarding the ironworks landscapes of the northern coal rim)
- inform the relevant Unitary Authorities on industrial ironworks landscape issues in the planning process, including forward planning
- assist in assessing the wider impact of future proposed development on industrial ironworks landscapes
- assist in the evaluation of the aesthetic or amenity value of the industrial ironworks landscape
- assist in measuring the effect of individual development proposals on the overall historic integrity and coherence of industrial ironworks landscapes, with particular reference to the issues of outright removal, severance, fragmentation or dislocation of the historic elements.
- assess the cumulative effects of secondary or piecemeal changes over time.

An important component of this project has and will continue to be the engagement of those who have a direct interest in the industrial ironworks landscape study and the applications that will be derived from it. It is hoped that this should enable decisions on the protection of the historic environment to be made in a more informed way. It is intended therefore to keep interested parties such as Cadw, RCAHMS, CCW, DEIN, the Local Unitary Authorities, and the Brecon Beacons National Park informed on the progress and findings of the studies.

Several of these objectives are directly applicable to the Heads of the Valleys programme, notably informing authorities on landscape issues, and assisting in the enhancement of the amenity value of sites. In essence the work will help to ensure that any necessary change to industrial ironworks landscape is accommodated without sacrificing the essential integrity and coherence of the historic environment.

The Ironworks were the key stimulant for the development of the surviving communities; as such these are iconic markers in the Welsh industrial landscape. This project aims to provide a deeper understanding and appreciation of these remains leading not just to a better and wider appreciation of their importance as continuing focal points in the South Wales landscape but with the intention that raised awareness and protection can be used as an impetus for sensitive regeneration and community focus.

The results of this project would seek to link into and inform existing strategies such as the 'Wales Spatial Plan' (Welsh Assembly Government 2004) and the related 'Heads of Valleys Strategy' (Welsh Assembly Government 2005), informing the process of promoting and enhancing local heritage sites within a framework of sustainable development. The latter, detailed in the document '*Heads – We Win... A Strategic Framework for the Heads of the Valleys*', (Welsh Assembly Government's vision for the Heads of the Valleys within the context of the Wales Spatial Plan), includes the overarching aim that by '*the year 2020, the [Heads of the Valleys] area will be: a culturally rich, dynamic network of vibrant and safe communities a place where people want to live, work and play with a sustainable, high quality of life and a thriving population helping to drive the success of South East Wales as an internationally recognised Capital Region.*'

Among the key themes of the Heads of the Valleys Programme are the following: ‘An attractive and well-used natural, historic and built environment’, which would provide an ‘appealing and coherent tourism and leisure experience’. The Heads of the Valleys Initiative’s strategic goals and programmes, produced through stakeholder consultation and analysis of the available research and evidence, has been developed around five priority themes, each underpinned by a number of key Strategic Programmes (SPs):

An attractive and well-used natural, historic and built environment

- SP1: A sub-regional approach to the regeneration of settlements
- SP2: A perception-changing landscape
- SP3: Well-used and easily accessed amenities

A vibrant economic landscape offering new opportunities

- SP4: Directly linking people with work
- SP5: Joined-up solutions for business
- SP6: Linked opportunities for businesses and individuals

A well-educated, skilled and healthier population

- SP7: Improving health through prevention
- SP8: Integrated lifelong learning

An appealing and coherent tourism and leisure experience

- SP9: Linked local and regional attractions and facilities
- SP10: An integrated ‘offer’

Public confidence in a shared bright future

- SP11: Visualising the Strategy
- SP12: Pro-active communications and engagement

The following identified strategic programmes SP1, SP2, SP3, and SP9 all have implications for the heritage resource across the Heads of the Valleys region; these should, however, be viewed as opportunities to allow the quantification, assessment, and sensitive management and promotion of the Heritage resource of the Heads of the Valleys area.

The DEIN strategy ‘Working Together For Wales’ is viewed as having the potential to tie in with the broad tourism and regeneration, in addition to ‘urban and rural renewal activities, land reclamation and environmental improvements to sites and property’.

A raft of numerous supporting plans, policies, strategies and guidance exists to underpin the Heads of the Valleys Initiative and are relevant to the future preservation and management of the heritage resource in the Heads of the Valleys area; these have been summarised in ‘Annex A: Review of Relevant Plans, Policies and Strategies’, and include the following: *Environment Strategy for Wales; Learning to Work Differently – Sustainable Development – WDA; Planning Policy Wales (March 2002); Circular 60/96; Circular 61/96; Enter the Dragon Economy – SE Wales Development Strategy (Capital Wales); Wales: A Better Country – The Strategic Agenda of the Welsh Assembly Government.*

4 Methodology

4.1 General Methodology

The project involved a rapid interrogation of the computerised Regional Historic Environment Record (henceforth HER), supplemented by other readily available primary and secondary data, such as a search of National Monuments Record (henceforth NMR) data available through ENDEX, and online through the Coflein website. More general works and articles and other sources were also consulted where readily available, though few secondary sources were found to be directly relevant to the study of water management features; where consulted these sources are provided in the bibliography along with other general sources.

The report has been presented in such a way that upgrading of information can be considered through the medium of a GIS system. This allows data storage, manipulation, analysis, interrogation, presentation and future revision of information. Information Technology has therefore been a major component of this project and the current years work contributes to the production of a dynamic and multi-layered digital model for the study area(s).

4.2 Year Four Methodology

During year four the main element of the project was a Heads of the Valleys area-wide mapping exercise based on the first edition 25-inch OS map (LANDMARK Historic Mapping). This allowed specific ironwork related extraction areas to be identified and quantified at a landscape scale. It was decided to base the mapping exercise on the first edition OS map (c. 1875-1880) as this period represented a hiatus in iron production across the Heads of the Valleys area, with the relevant extraction areas in place. Later OS editions detail the extraction areas as they were modified for steel production and non-ironworks coal supply. The mapping exercise was undertaken using a GIS mapping package (MapInfo 7). The digital mapping information in MapInfo and Pdf format will be made available on completion of this year's project.

Information on statutory protection (both for Scheduled Ancient Monuments and Listed Buildings) relevant to ironworks extraction sites in the Heads of the Valleys area was obtained from Cadw to assess current levels of protection.

Digital polygonal was produced to locate individual extractive areas (patch workings, collieries, etc) features based on the first edition maps, with point data data being produced to map other individual data, e.g. the Cynon Coal data. Valley Landscape areas, potentially surviving and surviving extractive areas, and areas of complex or ambiguous associations were conceived and mapped in polygonal form.

The survival of the resource was assessed through comparison of information obtained from historic maps and modern mapping (OS Landline) supplemented by information obtained from digitally available aerial photographs (Get Mapping 2000; COWI 2006), and as a check high resolution aerial photographs of the 1940s, were viewed. In addition readily available map information on areas of opencast was also sourced and used to aid this process; this primarily comprised digital mining information (past opencast site data) kindly provided by the Coal Authority under licence (ref: CA29/03/02). Additional information on land reclamation was requested from the individual UAs within the study area. It was found that this information was

either not available, or could not be provided in a readably accessible format compatible with the scope of the current project.

Copies of available current Unitary Authority development plans were obtained and examined for their bearing on the heritage resource, and the way in which they could potentially affect that resource positively or adversely. In addition available information on DEIN and Environment Agency programmes, and the 'The Heads of the Valleys Strategy' and Wales Spatial plan were obtained, and examined for ways in which the current project could specifically inform or assist in the overall aims of the programmes/plans.

The results of previous years work following the review carried out during year three were incorporated and revised to allow the final identification and mapping of areas of special industrial ironworks landscape significance. These areas will form the basis of more detailed studies in following years.

4.3 Task Breakdown

1. Review and compile baseline documentation

- ❑ Compilation of necessary documentation/HER/NMR data, Cadw Information
- ❑ Review first edition 1:2500 OS maps for Heads of the Valleys area
- ❑ Compile source list and bibliography for project

2. Review current state of protection and threats for newly identified sites/areas

- ❑ Establish current extent of scheduling / listing
- ❑ Establish extent of opencast and reclaimed areas
- ❑ Investigate details, where available, of current UA plans/DEIN and Environment Agency programmes and other management strategies, eg. 'The Heads of the Valleys Strategy'

3. Undertake historical mapping and production of constraint maps

- ❑ Undertake rapid mapping (digital MapInfo point and polygon data)
- ❑ Ascertain extent of surviving remains (against modern map, aerial photographic data, etc)
- ❑ Revise existing GGAT lists and produce distribution/area maps

4. Review the assembled data

- ❑ Consider proposals for protection (where identifiable at this stage)
- ❑ Prepare integrated summary/constraints map including information from earlier years.
- ❑ Discuss conclusions with Cadw

5. Compile and disseminate reports

- ❑ Compile text
 - Briefly review background history of the ironworks of the northern coal rim, historiography, recent research, and significance and importance of individual ironwork landscapes
 - Review relative historical significance and importance of individual ironworks landscapes based on years 1, 2 and 3 findings
 - Provide summary description of surviving ironworks related extractive resource and review significance
 - Review current levels of statutory protection relating to ironworks related extractive features
 - Review threats and current management proposals/priorities relating to ironworks related extractive features
 - Make recommendations for detailed follow on study to be carried out during years 5 and 6 (as required)

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- ❑ Make any additional recommendations, eg proposals for protection (years 5 and 6 unless immediately required)
- ❑ Prepare illustrations for report
- ❑ Produce reports using DTP facilities
- ❑ Submit reports to Cadw
- ❑ Provide copies to interested parties (HER and NMR, RCAHMW, UDP planning departments, etc)

5 Industrial Ironworks Landscapes (after year 3 report)

5.1 Review of Project: Year 1 The Core Ironwork Areas

During year one of the Southeast Wales Industrial Ironworks Landscapes project a number of wider ironwork areas, based on the information contained in Ince 1993 and a rapid mapping exercise, including limited map regression, were identified, and defined; these were further revised and core ironwork areas defined, primarily using cartographic and aerial photographic information, more detailed map regression, tied into baseline HER and NMR information. The result was the identification of some 35 core ironworks areas; these are given in table 1, below.

Table 1. Identified core ironworks areas

Ironworks Number ¹	Ironworks Name	Grid Reference
001	Pontypool (Upper Race, Blaendare)	ST 272 997
002	Varteg	SO 265 055
003	Golynos	SO 260 047
004	Abersychan (British)	SO 258 035
005	Pentwyn	SO 265 033
006	Clydach	SO 227 128
007	Blaina (inc. Cwmcelyn)	SO 199 081
008	Coalbrookvale (inc. Trostre)	SO 194 095
009	Nant-y-glo	SO 192 105
010	Ebbw Vale	SO 174 097
011	Victoria	SO 172 076
012	Beaufort	SO 170 115
013	Tredeggar	SO 144 091
014	Sirhowy	SO 144 102
015	Rhymney	SO 113 069
016	Dyffryn	SO 071 032
017	Pentrebach	SO 065 035
018	Plymouth	SO 057 048
019	Ynys Fach	SO 046 060
020	Cyfarthfa	SO 037 068
021	Penydarren	SO 058 072
022	Dowlais	SO 065 074
023	Ivor Works	SO 068 080
024	Hirwaun	SN 993 045
025	Llwydcoed	SN 993 045
026	Gadlys	SO 001 031

¹ Numbers prefixed by IW in main text

027	Abernant	SO 006 035
028	Aberaman	SO 015 003
029	Ystalyfera	SN 764 084
030	Ynyscedwyn	SN 785 092
031	Onllwyn	SN 839 103
032	Banwen	SN 868 104
033	Melincwrt	SN 824 019
034	Venallt	SN 863 049
035	Abernant	SN 882 063

It was found that historically, many of the ironworks areas had expanded to take in significant areas of valley landscape; this was particularly the case with the larger ironworks conglomerations within the upper valleys of the Blaenau, such as at Nant-y-glo, Ebbw Vale, Rhymney, Blaina, and Coalbrookvale. Conversely, in the case of some of the less significant ironworks, such as the once jointly operated Varteg and Golynos, in the area north of Pontypool between the British Ironworks and Blaenavon, it was found that the constituent parts of the core area were often spread over some distance, with core activities being shared between different sites.

Whilst 35 Ironworks Areas were identified for the purpose of the year one report, the actual number of ironworks was 38, as several ironworks had been combined, because of proximity and development such as IW007 Blaina, which included the Cwmcelyn Ironworks and IW008 Coalbrookvale, which included Trostre Ironworks. It should also be noted that several of the more extensive ironwork areas identified, were out of necessity effectively split up into separate sub-areas. These include Ebbw Vale, which can be sub-divided naturally into three areas, along the lines of the core furnace area, the Lower Mill site, and the Bessemer Steel works, and Rhymney, which comprises the Old Furnace, the main Rhymney Ironworks site itself and the adjacent Bute Works.

The year one project entailed a review of existing protection and identification of potential threats to the resource. In terms of protection fifteen of the core ironwork areas examined were found to have some degree of current statutory protection (ie Scheduled Ancient Monuments or Listed buildings); that is between 40% and 43% of the original resource within the study area limits. The analysis indicated that of the core ironworks areas with visible standing remains, 75% are currently protected to some degree through statutory protection, while just 50% of ironwork areas with buried potential are similarly protected.

The level of statutory protection was further broken down to allow an analysis of the protected resource against surviving monument class (ie furnaces, charging ramps/platforms, calcining ovens/coking oven, casting houses/foundries, rolling mills, engine houses, waterwheels/pits, offices and other buildings), where surviving as visible standing, or positively identified buried remains. This has been specifically undertaken to identify classes of monument that are underrepresented within the current protection regime, but also identify core ironwork areas, which might benefit from the extension of existing protection.

The main features of the ironworks sites are considered to be their furnaces and charging ramps/platforms; sixteen core ironworks areas out of 35 within the study area were found to retain visible standing, or positively identified buried remains of furnaces/furnace banks

(including a count of two for Abersychan – with the scheduled air furnace). The nationally important furnaces (and engine house) at Banwen (SAM Gm420), despite protection through scheduling are in urgent need of conservation. Twelve of the 17 furnaces/furnace banks identified are currently protected by statutory protection: notably the furnace bank at IW010 Ebbw Vale (Listed Building Grade II*, Cadw ref: 22,531) is not scheduled. The furnaces at IW004 Abersychan, IW029 Ystalyfera, IW022 Dowlais (buried) and IW018 Plymouth (buried) are also of particular significance and are currently unprotected through legislation. The number of charging ramps/platforms similarly protected mirrors the figures identified for furnaces with 11 protected out of 18 identified, with that at IW010 Ebbw Vale listed (LBII*, Cadw ref: 22,531) but not scheduled. Significant unprotected charging ramps/platforms survive at IW029 Ystalyfera, IW004 Abersychan, IW021 Penydarren, and possibly also at IW009a Nant-y-glo. Other unprotected remains of charging ramps/platforms might also survive at IW012 Beaufort, IW013 Tredegar and IW025 Llwydcoed.

The survival and protection of ancillary features displayed a slightly different pattern to the main ironworks features; in general survival of ancillary features within the study area such as calcining ovens/coking ovens, casting houses and foundries, was found to be relatively low and where these features did survive they were, with a few exceptions, invariably protected. Remains of calcining ovens/coking ovens survive at five ironworks, though generally in a fragmentary or buried condition. Of the calcining ovens/coking ovens identified four are protected through legislation; that at IW026 Gadlys, which had recently been conserved, was listed (LBII, Cadw ref: 10,846), but not scheduled. The latter in terms of condition was the best surviving example of those within the study area; most remain as ‘sites of’, or buried. Of the five ranks of ovens originally located at IW004 Abersychan, one recorded in 1994 (Ironbridge Institute and RCAHMS 1994) survives apparently in poor condition (Riden 1994); the site is currently unprotected.

Casting houses/foundries were identified within five ironwork core areas; all are currently protected through legislation. The only unscheduled example is the foundry at IW004 Abersychan, which is a grade II* listed building (Cadw ref: 14,870). Mills and forges are similarly well-protected: these include both the forge/workshop (occupied) at IW015 Rhymney a grade II listed building (Cadw ref: 16,882), and the remains of two possible mills within the scheduled area (SAM BR157) at IW024 Hirwaun. Unusually the well-conserved brick-built mill/engine house and adjacent chimney (NPRN 34,037) at IW030 Ynyscedwyn is as yet unprotected through statutory legislation.

The level of protection afforded to surviving ironworks related engine houses is generally high with eight of the ten identified examples adequately protected through listing and scheduling. Those Engine houses, which are listed rather than scheduled (eg Grade II* Listed engine house at IW019 Ynys Fach, and the Grade II Listed examples at IW022 Dowlais and IW026 Gadlys) are occupied and have been found alternative uses. As yet unprotected, in addition to the aforementioned example at Ynyscedwyn, are the buried remains of two identified engine houses at IW010 Ebbw Vale; these located to either end of the grade II* listed furnace. Only three waterwheels/wheel pits have been identified within the study area; these are all protected through scheduling; one at IW014 Sirhowy also being grade II* listed (Cadw ref: 22,496). It should be noted that due to the nature of these features a strong likelihood exists that buried remains might survive elsewhere, as yet unknown.

Of the twenty or so miscellaneous features such as offices and other buildings identified five are currently unprotected by legislation. The more significant are the tramroad tunnel beneath the furnace bank at IW018 Plymouth, the weighbridge and weighbridge house, and the smithy and carpenter's shop at IW032 Banwen, the Company shop/office at IW009 Nant-y-glo (within 009a), the office at IW027 Abernant, and the Company shop and offices at IW034 Venallt; the latter three sites are all now occupied domestic properties. The unprotected features at Banwen have considerable group value with the nationally important features within scheduled area to the north (SAM Gm420), and it was noted that protection should be considered.

A review of identified threats undertaken during year one using Unitary Authority development plans as a basis. Other potential threats, mainly from dereliction were identified in particular from the site visits.

The year one project included rapid site validation visits; in fact a cross-section of ironworks (nineteen of the thirty-five) within the study area were visited, with the exception of the Merthyr Tydfil area (previously covered by Historic Landscape Characterisation work). The site visits in conjunction with documentary and cartographic sources were undertaken to validate the ironwork boundaries in their current state and to establish the current condition/survival, potential for survival of the archaeological resource within the identified ironwork areas.

The archaeological resource for each ironwork core area was assessed in relation to the level of current statutory protection as well as condition, archaeological value, presence of visible remains and buried potential. It was found that of the 35 core ironwork areas (ie or a maximum 38 ironworks) 21 retained visible remains, while 30 were considered to have some level of buried potential. The results are summarised in Table 2, below.

Table 2. The core ironworks areas: condition and archaeological value

Ironworks Number	Ironworks Name	General Condition of Site ²	Archaeological Value (Grading on figures)
001	Pontypool (Upper Race, Blaendare)	Reclaimed and landscaped	C
002	Varteg	Cleared and landscaped	C
003	Golynos	Reclaimed and partly redeveloped	C
004	Abersychan (British)	Intact (SAMs/LBs)/partly buried	A
005	Pentwyn	Reclaimed and landscaped	C
006	Clydach	Intact (SAM/LBs)/cleared and partly redeveloped	A
007	Blaina (inc. Cwmcelyn)	Reclaimed and redeveloped	C
008	Coalbrookvale (inc. Trostre)	Reclaimed and redeveloped	C
009	Nant-y-glo	Intact (009b: LB)/cleared and redeveloped	A-B
010	Ebbw Vale	Intact (LB)/partly cleared and redeveloped	A-C
011	Victoria	Reclaimed and partly redeveloped	C
012	Beaufort	Cleared and redeveloped	C
013	Tredeggar	Cleared and partly redeveloped	C
014	Sirhowy	Intact (SAM/LB)/partly buried	A

² Based on cartographic, documentary and aerial photographic evidence alone, where not visited.

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015	Rhymney	Intact (015a: SAM/LBs)/reclaimed and redeveloped	A-C
016	Dyffryn	Reclaimed and redeveloped	C
017	Pentrebach	Reclaimed and redeveloped	D
018	Plymouth	Tunnel intact/rest reclaimed and partly redeveloped	A
019	Ynys Fach	Intact (SAM)/partly cleared and redeveloped	A
020	Cyfarthfa	Intact (SAMs/LBs)/ partly cleared	A
021	Penydarren	Cleared and redeveloped	B
022	Dowlais	Intact (LB)/partly reclaimed and redeveloped	A
023	Ivor Works	Intact (LB)/cleared site redeveloped	A
024	Hirwaun	Intact (SAMs/LBs)/partly cleared	A
025	Llwydcoed	Intact?/partly cleared	A
026	Gadlys	Intact (SAMs/LBs)/partly cleared and redeveloped	A
027	Abernant	Cleared and partly reclaimed	C
028	Aberaman	Cleared and reclaimed	D
029	Ystalyfera	Partly cleared and redeveloped	A/B
030	Ynyscedwyn	Partly cleared and redeveloped	A/B
031	Onllwyn	Opencasted and reclaimed	D
032	Banwen	Intact (SAM)/derelict state	A
033	Melincwrt	Intact (SAM)/derelict state	A
034	Venallt	Intact (SAM)/conserved	A
035	Abernant	Reclaimed/partly redeveloped	D

The analysis of cartographic, documentary and aerial photographic material not only allowed the boundaries of the core ironworks areas to be identified, but also allowed a general overview of site condition to be established. In this way the archaeological significance or potential of the resource could be estimated and broken down into the following:

- archaeologically sensitive areas - Grade A
- areas of archaeological potential (moderate-high) - Grade B
- areas of archaeological potential (low-moderate) - Grade C
- sterile areas/low potential - Grade D

The value of the remains in the individual ironworks (IW) areas was considered in terms of certain remains, or where not visible, potential.

Of the 35 core ironworks areas examined during year one some 14 (40% of the total areas) were considered to be straight archaeologically sensitive areas, with an additional 5 (14.3% of the total) archaeologically sensitive in combination (Category A taking president), a single area of moderate-high archaeological potential (2.9% of the total), and 11 areas (31.4% of the total) of low-moderate archaeological potential, whilst the remainder were areas of low or sterile archaeological potential. Of these core areas, only those considered to be archaeologically sensitive or of moderate to high potential have been viewed as considerations, when identifying historic ironworks landscape areas (see section 7.3, below).

5.2 *Review of Project: Year 2 Transport Networks*

Between the 1790s and 1840s the Heads of the Valleys in particular was the largest producer of iron in Britain, if not the world. A major system of tramroads and railroads was developed to furnish the ironworks with raw materials; this system, with the possible exception of the North Eastern Coalfield of England, was ‘by far the most extensive in Britain and therefore the World’ (van Laun 2001). The transport networks of South Wales were notable for a number of important technological advancements, such as the first use of the all-iron edge rail, and here the tramroad was developed to its highest form, with implications for the later development of public railways.

Three major components of the ironworks related transport system were identified:

- the supply lines which extended from the limestone quarries of the northern outcrop to the furnaces (c.100km overall length)
- the supply lines which conveyed coal from the coal and iron ore mines, which generally lay closer to the ironworks than the quarries (comprising a vast network of underground track)
- the exit lines from the ironworks to the ports and canals and nearby markets (originally c. 190km)

The best surviving of these routes were the feeder routes from the limestone quarries, these were considered by van Laun (2001b) to be the most productive for further archaeological research; the routes to the coal and iron ore mines being largely underground or inaccessible, having been tipped over by continued workings or removed by land reclamation and urban development, whilst the exit routes have by and large been obscured by later railways, and road development with the notable exception of the Merthyr Tramroad, which has been excluded from the current study. It was considered that any meaningful examination of the routes to the coal and iron ore extraction sites would have required a substantial amount of desk-top study and original research, which whilst being beyond the scope of the project would have been largely unproductive, and as a result year two Southeast Wales Industrial Ironworks Landscapes project concentrated on identifying and investigating the best surviving element of the ironworks’ related transport networks, the supply lines from the limestone quarries.

The year two study was necessarily fieldwork orientated to allow the presence/absence of surviving remains along the various transport routes (i.e. of the main routes and branches) to be recorded with each surviving transport route subdivided according to condition; condition ratings were devised and used in relation to the overall condition of each section, as was the overall archaeological significance or potential of the resource on a network-by-network basis and allocated one of the following values:

- High
- Medium
- Low
- Unknown

Of the forty-three transport networks and branches ten, that is only 4.3%, were found to have routes surviving to 50% or more of their original length. In terms of overall archaeological significance twelve networks and branches were considered to be of high overall archaeological significance, six of high-medium significance, whilst the remainder were considered to be of medium, medium-low, low, or unknown significance. Those transport networks and branches

with a high or high-medium overall significance rating were further assessed for possible consideration for future protection (i.e. scheduling).

Table 3. Ironworks transport networks giving condition and archaeological value/significance and associated ironwork core areas

Ironworks Transport Number ³	Transport Network Name	Condition Rating	% Overall Survival	Overall Archaeological value	Associated Ironworks: Number(s)/Name(s)
IWT001	Abersychan Limestone Railway	IWT001(i): D IWT001(ii): A	55%	High	IW004 Abersychan (British)
IWT002	Llam-march Railroad	IWT002(i): B IWT002(ii): D	11%	High-Medium	IW006 Clydach
IWT002a	Llam-march Railroad (Waunllapria)	IWT002a(i): B	4%	Medium-Low	IW006 Clydach
IWT003	Llam-march Tramroad	IWT003(i): B IWT003(ii): D IWT003(iii): A IWT003(iv): B IWT003(v): A	35%	High	IW006 Clydach
IWT003a	Llam-march Tramroad Pen-Ffyddlwn	IWT003a: D	0%	Low	IW006 Clydach
IWT004	Clydach Railroad	IWT004(i): B IWT004(ii): C IWT004(iii): B IWT004(iv): E IWT004(v): E IWT004(vi): C	20%	High-Medium (includes: listed tramroad bridge 23837)	IW006 Clydach, IW012 Beaufort
IWT005	Bailey's Llangattock Tramroad	IWT005: D	<1%	Low	IW009 Nant-y-glo, IW012 Beaufort: 2nd Llangattock Tramroad
IWT006	Disgwylfa Main Tramroad	IWT006(i): D IWT006(ii): B IWT006(iii): D IWT006(iv): B IWT006(v): C IWT006(vi): B IWT006(vii): C IWT006(viii): B IWT006(ix): A IWT006(x): B	100%	High	IW009 Nant-y-glo, IW007 Blaina

³ Numbers prefixed by IWT in main text.

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Ironworks Transport Number ⁴	Transport Network Name	Condition Rating	% Overall Survival	Overall Archaeological value	Associated Ironworks: Number(s)/Name(s)
IWT006a	Disgwylfa Pant Draenog	IWT006a(i): B	100%	High	IW009 Nant-y-glo, IW007 Blaina
IWT006b	Disgwylfa East	IWT006b(i): B	100%	High.	IW009 Nant-y-glo, IW007 Blaina
IWT006c	Disgwylfa West	IWT006c(i): B IWT006c(ii): A IWT006c(iii): A IWT006c(iv): A	94%	High	IW009 Nant-y-glo, IW007 Blaina
IWT006d	Disgwylfa Main (conjectured)	IWT006d: D	0%	Low	IW009 Nant-y-glo, IW007 Blaina
IWT006e	Disgwylfa Main (south)	IWT006e(i): A IWT006e(ii): B IWT006e(iii): B	9%	High-Medium	IW009 Nant-y-glo, IW007 Blaina
IWT007	Trevil Railroad Main Line	IWT007(i): A IWT007(ii): E IWT007(iii): A IWT007(iv): E IWT007(v): B IWT007(vi): B	61%	High	IW014 Sirhowy, IW012 Beaufort, IW010 Ebbw Vale with Victoria Ironworks: Rassau Railroad
IWT007a	Trevil Railroad Beaufort Line	IWT007a: D	<1%	Low	IW012 Beaufort: Rassau Railroad
IWT007b	Trevil Railroad Ebbw Vale Line	IWT007b: D	<1%?	Low	IW012 Beaufort, IW010 Ebbw Vale: Rassau Railroad
IWT007c	Trevil Railroad Sirhowy Line	IWT007c: D	0%	Low	IW014 Sirhowy: Rassau Railroad
IWT007d	Trevil line to Victoria	IWT007d: D	0%	Low	IW010 Ebbw Vale, IW011 Victoria: Beaufort Tramroad
IWT008	Rassau Railroad	IWT008(i): E IWT008(ii): E	14%	Low-Medium	IW012 Beaufort, IW014 Sirhowy, IW010 Ebbw Vale
IWT009	Hall's Trevil Tramroad	IWT009(i): B IWT009(ii): C	7%	Medium-Low	IW015a Rhymney Upper Furnace: Rhymney Branch Tramroad; Bryn Oer Tramroad
IWT010	Rhymney Tramroad Branch	IWT010(i): U	3%	Unknown	IW015a Rhymney Upper Furnace
IWT011	Morlais East Tramroad and Railway	IWT011(i): B IWT011(ii): D IWT011(iii): E	39%	High-Medium	IW023 Ivor works and IW022 Dowlais Ironworks.

⁴ Numbers prefixed by IWT in main text.

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Ironworks Transport Number ⁵	Transport Network Name	Condition Rating	% Overall Survival	Overall Archaeological value	Associated Ironworks: Number(s)/Name(s)
IWT012	Morlais West Tramroad	IWT012(i): C IWT012(ii): A IWT012(iii): E	34%	High	IW021 Penydarren Ironworks and tramroad, IW018 Plymouth Ironworks
IWT013	Tappendens' Tramroad	IWT013(i): A IWT013(ii): B IWT013(iii): B IWT013(iv): C IWT013(v): U IWT013(vi): E IWT013(vii): E IWT013(viii): C IWT013(ix): A	29%	High	IW024 Hirwaun, IW025 Llwydcoed, IW027 Abernant, IW026 Gadlys
IWT013a	Tappendens' Tramroad West	IWT013a(i): C IWT013a(ii): C IWT013a(iii): C IWT013a(iv): U IWT013a(v): B	16%	Medium	IW024 Hirwaun, IW025 Llwydcoed, IW027 Abernant, IW026 Gadlys
IWT014	Mr Glover's Railroad	IWT014(i): A IWT014(ii): E IWT014(iii): B	65%	High	IW024 Hirwaun (later connection to IW025 Llwydcoed, IW027 Abernant, IW026 Gadlys Ironworks via Tappendens' Tramroad)
IWT014a	Mr Glovers Railroad Bryngwyn Extension	IWT014a(i): B	6%	Medium-Low	IW024 Hirwaun (later connection to IW025 Llwydcoed, IW027 Abernant, IW026 Gadlys Ironworks via Tappendens' Tramroad)
IWT015	Twynau Gwynion Tramroad Line 1	IWT015(i): C IWT015(ii): B	25%	High-Medium	IW022 Dowlais
IWT015a	Twynau Gwynion Tramroad line 2	IWT015a(i): D IWT015a(ii): C IWT015a(iii): C IWT015a(iv): D IWT015a(v): C IWT015a(vi): C IWT015a(vii): B	50%	High-Medium	IW015a Rhymney Upper Furnace

⁵ Numbers prefixed by IWT in main text.

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Ironworks Transport Number⁶	Transport Network Name	Condition Rating	% Overall Survival	Overall Archaeological value	Associated Ironworks: Number(s)/Name(s)
IWT015b	Twynau Gwynion Tramroad line 3	IWT015b(i): C	87%	Medium	IW022 Dowlais (partly under later Rhymney Limestone Railway)
IWT015c	Twynau Gwynion Tramroad Line 4	IWT015c(i): B IWT015c(ii): U	19%	Medium	IW022 Dowlais (partly under route of Rhymney Limestone Railway)
IWT016	Rhymney Limestone Railway	IWT016(i): E IWT016(ii): B	29%	Medium	IW015 Rhymney Lower Furnace
IWT017	Bryn Oer Tramroad	IWT017: D	0% (within Glamorgan – Gwent)	Low	IW015/015a Rhymney (via Hall's Trevil Tramroad)
IWT018	Tredegar Tramroad	IWT018(i): B	4%	Low	IW013 Tredegar Ironworks
IWT019	Ebbw Vale Private Line	IWT019(i): B	2%	High (includes listed causeway and tunnels 22532).	IW010 Ebbw Vale and IW014 Sirhowy Ironworks
IWT019a	Ebbw Vale Private line addition	IWT019a: D Only a tunnel (IWT019a/001) under Beaufort road survives.	<1%	Low	IW010 Ebbw Vale and IW014 Sirhowy Ironworks (via Harford's Tunnel)
IWT020	Bute Tramroad	IWT020: D	0%	Low	IW015 Rhymney Lower Furnace (via Dowlais' Twynau Gwynion line 4)
IWT021	Beaufort Tramroad	IWT021: D	0%	Low	IW012 Beaufort and IW010 Ebbw Vale
IWT022	Protheroe's Tramroad	IWT022(i): B IWT022(ii): U	26%?	High (IWT022(i) is protected within Scheduled Ironworks Area GM423).	IW034 Venallt
IWT022a	Venallt Tramroad	IWT022a: D	0%	Low	IW034 Venallt
IWT023	Banwen Quarries Tramroad	IWT023(i): U IWT023(ii): D	33%	Unknown (On private land)	IW032 Banwen
IWT023a	Banwen Coelbren Junction	IWT023a(i): B IWT023a(ii): B	87%	High-Medium	IW032 Banwen

⁶ Numbers prefixed by IWT in main text.

Ironworks Transport Number ⁷	Transport Network Name	Condition Rating	% Overall Survival	Overall Archaeological value	Associated Ironworks: Number(s)/Name(s)
IWT024	Ystalyfera	IWT024: D	0%	Low	IW029Ystalyfera
IWT025	Nant-y-glo - Beaufort	IWT025: D	0%	Low	IW012 Beaufort (also IW009 Nant-y-glo via Bailey's Llangattock Tramroad)

The results of year two of the project allowed the archaeological resource (based on condition, archaeological value, presence of visible remains and buried potential) to be assessed in relation to the level of current statutory protection (i.e. Scheduled Ancient Monuments and Listed Buildings) for each ironwork transport network. It was found that of the 25 ironworks associated transport networks (or a maximum 44 branches) examined during the course of fieldwork, 20 networks (or 33 branches) retained visible remains, of these, 14 (18 branches) were considered to contain sections of high or high-medium archaeological significance.

Nine Scheduled Ancient Monument areas were found to be directly relevant to the study, while a further 12 listed interests, two of which were Grade II* listed, were also visited during the course of the fieldwork. The overriding majority of features currently scheduled or listed along the length of the transport networks surveyed were found with few exceptions to be tramroad bridges or features in association with bridges.

Seven of the transport networks surveyed (10 sections by condition) were found to have some degree of current statutory protection (i.e. Scheduled Ancient Monuments or Listed buildings). The extent of the scheduled resource was considered to be clearly under representative in terms of quantity and variety of transport monument type. Previous scheduling had concentrated on individual features, rather than viewing the networks as a series of interconnected features, and the protected resource had been largely restricted to one particular type of monument (ie. tramroad bridges) almost to the complete omission of others (e.g. tramroad cuttings, revetment, groups of blocks, etc).

The overall archaeological significance of the surviving resource was used to identify the transport networks and branches, which might benefit from further protection. It was found that the linear nature of the resource, and inherently lower value of individual elements, required a different approach to the traditional 'site' based approach when identifying elements of the resource for the purpose of protection. It was felt that a broader landscape approach was necessary to prevent further under representation of some of the less impressive site types, emphasizing the connectivity of the resource through group value, coherence and integrity in particular. The surviving resource had been previously subdivided into sections based on general condition, and group value, among others; these sections were used as the basis for recommending consideration for protection, rather than individual elements.

Ten ironworks transport networks and their branches, some 16 sections, were identified as satisfying the criteria sufficiently to be considered for future protection.

⁷ Numbers prefixed by IWT in main text.

The year two works extended to a review of threats largely identified on the basis of available Unitary Authority development plans. Other potential threats, such as dereliction were identified from the site visits. As a result general conservation management recommendations were made for the surviving networks. This identified a need for future detailed survey for many of the networks, or parts thereof; 17 sites were sufficiently well preserved, or complex, to warrant recommendations for further detailed survey (possibly to include trial excavation).

5.3 Review of Project: Year 3 Water Management Features

The project study area was revised during year 3 to reflect that of the Heads of the Valleys Initiative, in addition to areas considered to be well-covered by previous studies, such as the Blaenavon World Heritage site, and Merthyr Tydfil UA, the area of Cwm Clydach to the east and the iron working areas of the upper Swansea and Neath Valleys were also excluded.

With a few notable exceptions on the systems within Ebbw Vale and Merthyr Tydfil (mostly outside the study area), previous work on the water management component of industrial ironworks landscapes within the Heads of the Valleys Initiative area has been limited:

- The RCAHMS (Malaws and Wakelin 1993; Percival 2004) and GGAT (Roberts 1997b, 2001 and 2002; Roberts and Lawler 2003) have carried out survey and other work on the Dowlais Free Drainage System, parts of which have been scheduled as an Ancient Monument. This is ‘a gravity-fed drainage’ system, which supplied water to the ironworks of the Dowlais area including the Ivor (Ifor), “Old” and Penydarren Works (Owen 1977). Other more general work has been published on the water supply system for the iron and steel works of Merthyr Tydfil (e.g. Gross 2001).
- Elsewhere in Merthyr Tydfil assessment work has been carried out on the water system associated with Cyfarthfa and its mineral field on the western side of Merthyr Tydfil (see Roberts 1997; Williams 1997; Frost & Scott Jones 2000; and Oakey and van Laun 2004).
- Archaeological Investigations Ltd undertook an assessment on the drainage system of Ebbw Vale/Glyn Ebwy in Blaenau Gwent (Oakey 2005) with particular emphasis on four reservoir sites: Long Feeder Pond, Guide Mill Pond, and Rhyd-y-blew Reservoir in Ebbw Vale, and Farmers Pond in Bryn Mawr. This work included detailed analysis of the documentary evidence, and provides a developmental history and has mapped much of the system.

The work carried out during Year 3 of the project identified 101 water management related features (81 HER and 20 NMR sites) from searches of the HER and NMR within the revised study area, of these registers, 67 were associated directly or indirectly to ironworks (with an additional four possibly related). Only one water management ironworks related feature within the revised study area was found to be protected through statutory legislation, the Colliery Pumping Engine House (MM216) at the British Ironworks (both a Scheduled Ancient Monument and a listed building).

A rapid review of the first edition OS map effectively increased the baseline data allowing the identification of 601 water management features (including 563 previously unidentified sites), which were subsequently mapped as point, linear and polygon data. These features were subsequently divided into ‘systems’ on a valley-by-valley basis, with the larger water

management features (i.e. reservoirs and leats) used as indicators against which the survival and hence potential archaeological significance of each system could be measured. Archaeological survival values for water management features identified from the first edition OS maps were given as follows:

- A: Intact (original condition) - High Value (not assigned)
- B: Surviving (condition unestablished) - Moderate-High Value
- U: Potentially Surviving (ie buried or drained state) - Unknown Value
- D: Destroyed - Low Value

The analysis of cartographic, documentary and aerial photographic material in conjunction with a comparison of data on opencast land-take from the coal authority allowed a general overview of potential for site survival to be established. Of the 601 water management features identified from first edition OS maps, potential related to ironworks and assessed in terms of potential survival, 161 features were found to survive in a condition, as yet to be established, with approximately 176 additional water management features having the potential to survive in a buried or drained state, whilst 223 were found to have been lost to development such as opencast and urban/infrastructure development. This would indicate that approximately between 27% and 56% of the overall resource has the potential to survive.

Table 4. Water management systems in relation to individual ironworks using reservoirs and leats (survival value B only) as indicators of survival

Ironworks Number	Ironworks Name	Ironworks: archaeological potential	Surviving Reservoirs	Reservoirs: visible survival rating	Surviving Leats	Leats: visible survival rating	Combined survival rating
IW002	Varteg	C	1	20%	0	0%	8%
IW003	Golynos	C	0	0%	1	33%	17%
IW004	British	A	1	17%	1	25%	20%
IW005	Pentwyn	C	0	0%	0	0%	0%
IW007	Blaina	C	4	33%	1	14%	26%
IW008	Coalbrookvale	C	3	75%	4	80%	78%
IW009	Nant-y-glo	A/B	10	29%	20	53%	42%
IW010	Ebbw Vale	A/C	5	20%	4	17%	18%
IW011	Victoria	C	3	33%	2	18%	25%
IW012	Beaufort	C	2	20%	4	44%	32%
IW013	Tredeggar	C	9	33%	18	86%	56%
IW014	Sirhowy	A	4	16%	4	29%	21%
IW015	Rhymney	A/C	7	33%	21	54%	47%
IW024	Hirwaun	A	4	44%	6	50%	48%
IW025	Llwydcoed	B	1	33%	6	100%	78%
IW026	Gadlys	A	0	0%	2	100%	100%
IW027	Abernant	C	0	0%	3	50%	25%
IW028	Aberaman	D	0	0%	0	0%	0%

The visible surviving water management features (survival value B only) in relation to individual ironworks indicates that 77.8% of the 'systems' relating to individual ironworks survive to less than 50% of their original extent. Indeed from the results it is clear that there is little useful correlation to be made between good surviving ironwork core areas and areas of good survival of

water management features; the highest combined survival ratings, eg water management features associated with Llwydcoed and Gadlys, generally relate to a small and relatively insignificant original resource.

Table 5. Assessment of water management systems using reservoirs and leats as indicators of survival

Water Management Valley System	Totals	Reservoir Value B	Reservoir Value U	Leat Value B	Leat Value U
Eastern Valley (Cwm Sychan and Cwm Ffrwd)	Valley System Total: Score	15		15	
	Valley System Surviving: Score	2	11	2	6
	Valley System Percentage Surviving	13.3%	73.3%	13.3%	40%
	Maximum Potential Surviving Value	86.6%		53.3%	
Nant-y-glo and Ebbw fach	Valley System Total: Score	50		50	
	Valley System Surviving: Score	17	9	25	5
	Valley System Percentage Surviving	34%	18%	50%	10%
	Maximum Potential Surviving Value	52%		60%	
Beaufort and Ebbw Vale	Valley System Total: Score	44		44	
	Valley System Surviving: Score	10	5	10	13
	Valley System Percentage Surviving	22.7%	11.4%	22.7%	29.5%
	Maximum Potential Surviving Value	34.1%		52.3%	
Sirhowy and Tredegar	Valley System Total: Score	52		35	
	Valley System Surviving: Score	13	8	22	1
	Valley System Percentage Surviving	25%	15.4%	62.9%	2.9%
	Maximum Potential Surviving Value	40.4%		65.7%	
Rhydney	Valley System Total: Score	21		39	
	Valley System Surviving: Score	7	4	21	6
	Valley System Percentage Surviving	33.3%	19.1%	53.9%	15.4%
	Maximum Potential Surviving Value	52.4%		69.2%	
Cynon with the Dare and Aman	Valley System Total: Score	22		28	
	Valley System Surviving: Score	5	7	17	<4
	Valley System Percentage Surviving	22.7%	31.8%	60.7%	<14.3%
	Maximum Potential Surviving Value	54.6%		<75%	

The results of the analysis identified that no water management systems survive in their entirety within the study area, whilst five out of the six systems survive to around 50% of their original extent, with the notable exception of the smaller system at Cwm Sychan and Cwm Ffrwd which had a maximum potential surviving score of 86.6% based on its reservoirs.

The project allowed for a brief description of the respective valley systems and made conservation/management recommendations. The level of available study undertaken for water management features in general is low, with the exception to an extent of the Dowlais free drainage system, parts of the systems, which supplied Cyfarthfa and Ebbw Vale. Whilst the study allowed a rapid establishment of baseline data across the Heads of the Valleys area, it was by its very nature limited, for this reason follow on detailed documentary work and targeted field survey are among the recommendations made.

6 Extractive Landscapes

6.1 Introduction

The study area was revised to reflect that of the Heads of the Valleys Initiative area in the previous year (2006-07), whilst excluding areas considered to be well-covered by previous studies. Excluded therefore are the areas of the Blaenavon World Heritage site, and Merthyr Tydfil UA, both previously the subject of historic landscape characterisation. The area of Cwm Clydach, also the subject of historic landscape characterisation and which lies largely outside the boundaries of the Heads of the Valleys Initiative has also been largely excluded from this years project.

Little previous archaeological work has been carried out on the extractive area component of industrial ironworks landscapes within the Heads of the Valleys Initiative area with a few notable exceptions on the areas within Merthyr Tydfil and Blaenavon, areas excluded from the current project.

The Glamorgan-Gwent archaeological Trust has worked extensively in the Ffos-y-fran area carrying out a number of assessments and surveys recording extractive features in the area between 1993 and 2003 (the latest reports include Roberts 2001 and 2002, Roberts and Lawler 2003). Part of the surviving mineral fields associated with the Rhymney Ironworks, on the western flanks of the Rhymney Valley within Caerphilly UA has been covered by an assessment of the Nant Llesg area (Roberts 1997b). Further work has been undertaken by the RCAHMS on the extractive landscapes between Aberdare and Cyfarthfa, and between Dowlais and Gelligaer Common. Elsewhere in Merthyr Tydfil (outside the boundaries of the current study) assessment work has been carried out on the extractive landscapes associated with Cyfarthfa in particular its mineral field on the western side of Merthyr Tydfil (see Roberts 1997; Williams 1997; Frost & Scott Jones 2000; and Oakey and van Laun 2004). This assessment work would benefit from integration in the future with the current project through mapping.

The study area boundary was changed in 2006-07 to reflect the Heads of the Valley Initiative area, as a result a reduced amount of core ironwork areas were taken forward. The core ironwork areas within the revised study area are given in Table 6, below.

Table 6. List of ironworks in revised study area based on the Heads of the Valleys Initiative area excluding Merthyr Tydfil UA and the Blaenavon World Heritage Site

IW number	Potential Association	IW number	Potential Association
IW002	Varteg	IW012	Beaufort
IW003	Golynos	IW013	Tredegar
IW004	British	IW014	Sirhowy
IW005	Pentwyn	IW015	Rhymney
IW007	Blaina	IW024	Hirwaun
IW008	Coalbrookvale	IW025	Llwydcoed
IW009	Nant-y-glo	IW026	Gadlys
IW010	Ebbw Vale	IW027	Abernant
IW011	Victoria	IW028	Aberaman

6.2 The Existing Baseline Data

Initial searches of the HER and NMR⁸ identified 351 and 294 extractive features respectively within the revised study area; not all of the features are necessarily related to ironworks; further information on these are presented in the gazetteers within the Appendices. The incidence of this data, together with the point data generated by the current project, is illustrated in s 2-5. The following tables (Tables 7 and 8) summarise HER and NMR registers by type:

Table 7. Existing extractive features from HER data by Type

HER Feature by TYPE	Number of features by TYPE
Adit	26
Bell Pit	1
Building	2
Chimney	1
Colliery	82
Drift Mine	2
Earthwork	8
Embankment	1
Engine	1
Engine House	6
Extractive Pit	2
Gravel Pit	1
Inclined Plane	5
Ironstone Mine	4
Level	1
Limekiln	1
Linear Feature	3
Mine	30
Pit	2
Pit Cluster	1
Quarry	101
Shaft	11
Slag Heap	1
Spoil Heap	21
Steam Engine	1
Structure	5
Trackway	1
Tramroad	3
Ventilation Shaft	25
Winder House	1
Winding Engine	1
Total	351

⁸ Additional NMR data has come to light subsequent to the writing of this year's report; this relates in particular to upland survey carried out in 2005 on behalf of the RCAHMS within the area north of Bryn Mawr. This additional data will be incorporated within next year's project.

Table 8. Existing Extractive features from NMR⁹ data by Type

NMR Feature by TYPE	Number of features by TYPE
Boiler House	1
Chimney	3
Coal Mine	88
Coal Mine; Ironstone Mine Leat	2
Coal Mine; Level	2
Coal Workings	7
Coal Workings; Ironstone Workings	4
Drift Mine	1
Earthwork	1
Engine House	22
Extractive Pit	3
Gravel Pit	1
Ironstone Workings	10
Lamp Room	1
Level	25
Lime Workings	5
Mine	1
Mine Shaft	7
Mining Feature	6
Opencast Mine	2
Pit	2
Quarry	27
Shaft	12
Spoil Heap	8
Spoil Tip	38
Storeroom	1
Trackway	1
Ventilation Shaft	9
Weigh House	1
Winding Engine	1
Winding Gear	1
Workshop	1
Total	294

It was found that was not possible to effectively confirm the relationship of the identified HER and NMR resource either directly, or indirectly to ironworks related extraction. Most of the available site information was found to be of an insufficient level to allow a relationship with ironworks to be definitely established. Further detailed documentary and cartographic research,

⁹ Additional NMR data has come to light subsequent to the writing of this year's report; this relates in particular to upland survey carried out in 2005 on behalf of the RCAHMW within the area north of Bryn Mawr. This additional data will be incorporated within next year's project.

beyond the scope of the current year's project will be required to establish the exact association of much of the extractive resource in the area.

The current years' project does not allow for detailed historic documentary analysis, and without this it is impossible to establish whether particular extractive features are definitely ironworks related. However, as an approximate minimum indication, those extractive features found to lie within general extractive areas connected by tramroad or located within close proximity to core ironwork's areas, have been tentatively considered as being potentially ironworks related. In this way at least 124 of the 351 HER extraction sites are considered to relate directly or indirectly to ironworks, whilst at least 184 of the 294 NMR registers are considered to be ironworks related within the study area. Given the lack of firm constraint data the project utilised rapid mapping of extractive areas identified from the first edition OS map as a first step to effectively increase the level of available baseline data across the Heads of the Valleys area. Additional readily available data on the coal workings of the Cynon Valley was extracted from the Table of Mines (Davies/Godsall list) presented as an Appendix in the Cynon Valley History Society's publication *Cynon Coal* (Cynon Valley History Society 2001 Appendix A 199-244). The latter identified a further 66 interests, including levels, collieries, pits, patch workings, and drift workings.

It is evident that the number of individual features could be considerably increased through further intensive documentary research and field survey. Recommendations for further intensive archaeological documentary and fieldwork are presented later in this report.

6.3 *Current Protection of Ironworks Related Extraction Features*

The statutory protected archaeological resource (ie Scheduled Ancient Monuments and Listed Buildings) for extractive related features within the study area (i.e. Heads of the Valleys Initiative area excluding Merthyr Tydfil and Blaenavon World Heritage site) is limited to only seven Scheduled Ancient Monuments (SAMs), and seven Listed Buildings (LBs).

The SAM and listed building data collated for the purpose of the present study are summarised below in Tables 9 and 10, and illustrated in figure 16.

Table 9. Summary of extractive related features currently subject to statutory protection (Scheduled Ancient Monuments)

SAM Number	SAM Name	NGR	UA	Site Type	Relevance
BR229	Dinas Silica Mine	SN916080	Rhondda Cynon Taff/Powys	Tramroad	N/A
MM163	Cwmbyrgwm Colliery	SO252033	Torfaen	Coal Mine	Yes
MM181	Incline Haulage Winding Engine, Mynydd Bedwellty	SO153058	Blaenau Gwent	Industrial monument	N/A
MM218	Marine Colliery Pumping Engine	SO188042	Blaenau Gwent	Industrial monument	N/A
MM264	Clydach Coal Level	SO200121	Blaenau Gwent	Tramroad	Yes
MM216	British Colliery Pumping Engine House	SO258036	Torfaen	Engine House	Yes

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MM338	Trefil Quarries North	S0117140	Blaenau Gwent	Quarry	Yes
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Of the 7 extraction related SAMs four are considered ironworks related: Cwmbyrgwm Colliery (MM163; see PRNs 02156g and 03187g), Clydach Coal Level (MM264; see PRN 05896g), British Colliery Pumping Engine House (MM216; see LB 18595, below), and Trefil Quarries North (MM338; see NPRN 306,318). Further details can be found in Appendix II and III.

Of the 7 extraction related listed buildings only two, both listed grade II, were found to be directly related to ironworks' extraction, these were the Colliery Ventilation Furnace at Llandafal (15836), and the British Colliery Pumping Engine House (14869), details of which are provided below:

Table 10. Summary of extractive related features currently subject to statutory protection (Listed Buildings)

Record Number	Name	NGR	UA	Grade Relevance	
1879	Great Exhibition Lump of Coal at Bedwellty Park	SO14220 08550	Blaenau Gwent	II	N/A
15836	Colliery Ventilation Furnace at Llandafal	SO18790 03750	Blaenau Gwent	II	Yes
25495	Elliot Colliery Winding Engine House and Engine	SO14730 02720	Caerphilly	II*	N/A
16011	Ogilvie Colliery Explosives Store	SO11910 03230	Caerphilly	II	N/A
10902	Headframe and Pithead at Tower Colliery	SN 92620 04280	Rhondda Cynon Taff	II	N/A
18595	British Colliery Pumping Engine House	SO25850 03650	Torfaen	II	Yes
14869	Former Colliery Engine House at ETM Steel Fabrication	SO25370 03960	Torfaen	II	N/A

The Colliery Ventilation Furnace at Llandafal (15836) is listed as an early air furnace colliery chimney, the only one of this typical form known to survive in South Wales. It dates from the early-mid 19th century. The Llandafal area in the Ebbw Valley was connected to the ironworks at the head of the valley and the Monmouthshire Canal at Crumlin via the Beaufort tramroad, as early as 1796. The ventilation furnace probably dates from mining developments in the 1840s or 1850s, and was disused by 1876 (OS 1st Edition 25 inch map, 1880 (surveyed 1876-77). The furnace is typical of its date, the shaft beneath the chimney connected to underground workings, a fire lit at the bottom of the shaft drawing air through the mine to exit from the chimney. Such furnaces were commonly used in South Wales until the end of the 19th century, but few survive in good condition. Most shown in contemporary illustrations had chimneys which were circular in plan and squat in elevation, like this example, but no others of this form are known to survive.

The furnace is constructed of brown and yellow firebrick, with black mortar, and is circular in plan, the diameter approximately 3.5m, with vertical sides rising to approximately 7m. The feature has thick walls topped by large diamond patterned coping bricks. A small blocked archway on the southern side may have been intended for an additional flue to be added. The airshaft is connected to a stone-lined drift of similar date, entering the hill from the riverbank below (Cadw Listed Building Description).

The British Colliery Pumping Engine House (18595; and Scheduled Ancient Monument MM216) is listed as an unusually complete example of a Cornish engine house, itself a rarity in Wales. It also has important group value with the nearby former British Ironworks office and foundry quadrangle. The Cornish beam pumping engine-house was built by the British Iron Company to drain its mines. The engine-house stood within the complex of buildings of the British Ironworks, most of which were dismantled in the 1880's following closure of the ironworks in 1883. The British Ironworks began production in 1827 and operated several coalmines in the vicinity. The pumping engine was installed in 1845 to assist drainage from the deep levels (Colebrook 1983, pp.6-29; Riden 1994; and Ironbridge Institute and RCAHMS, 1994).

Externally the structure is a sandstone engine house of standard 'Cornish' type, but better finished than many. It has the remains of a Welsh slate roof of low pitch. It comprises a rectangular three storeyed tower of coursed squared stone, the long walls have an arched opening on each floor with cill and voussoir head; these have all been blocked with brick. The north gable wall likewise, but with three different sized openings, of which only the ground floor one is blocked. The south gable 'bob' wall has a partly blocked doorway on the ground floor and the large arched 'bob' opening in the gable with two projecting iron brackets for a gallery below. Cornish examples almost always have attached chimneys but no evidence for this or for a boiler house remains. No surface remains of the shaft are visible. The interior is very unusual in retaining some of the timber beams and stairs on the upper floors. There are also cast and wrought iron brackets, bolts and plates. All traces of the Cornish beam pumping engine are long removed (Cadw Listed Building Description 1997).

The scope of the current year's project was not designed to provide a level of site specific information, especially on current condition and archaeological/historic value, detailed enough to allow identification of potential sites, which would benefit from protection; this is to follow in future years.

6.4 *Baseline Extractive Area Data*

Extractive areas were identified from the 1st edition OS maps and mapped in digital polygon format using MapInfo professional version 7; in this way 156 polygon areas of varying sizes were identified and subject to rapid digital mapping, of these 119 were further identified as being potentially related to ironworks due to proximity and tramroad/rail links; the digital mapping of these 119 areas was then further refined to accurately reflect boundaries on the 1st edition OS maps. The 119 potentially ironworks related areas are listed below giving potential associated ironworks and condition surviving rating (see Table 11, below). The actual number of registers could be considerably increased were individual areas broken down into constituent features (ie shafts/Levels and adits, tips etc), and single features were identified elsewhere. Given time restraints a landscape approach was used identifying areas rather than individual features in isolation as point data (where it was felt useful to note constituent features named on the first edition OS maps at this stage, these have been referred to in the area descriptions). Future cartographic and documentary work will naturally allow the identification of many more individual extractive sites and features, whilst further field survey within most of the 119 identified areas, should on previous experience be likely to increase the number of registers even further.

Table 11. Potential ironworks related extractive areas identified from the 1st edition OS maps¹⁰

Extractive Area Number	Name	NGR	Associated Ironworks	Linked by Tamroad	Area on 1 st Edition OS Map (hectares)
EA001	Aberdare Extractive Area	SO0024305599	IW025	Yes	480.1
EA002	Abernant Extractive Area	SO0131003375	IW027	Yes	88.79
EA003	Ffynnon Lassa Quarry	SO0211104381	IW027	Yes	30.41
EA004	Pen-y-waen Quarry	SN9820604431	IW025, IW026	Yes	7.901
EA005	Hirwaun Common Extractive Area	SN9708904289	IW024, IW025	Yes	278.4
EA006	Cwmbach Extractive Area	SO0149002307	IW026, IW027	Yes	89.12
EA007	Werfa Colliery	SO0198303096	IW027	Yes	5.511
EA008	Lletty Shenkin Extractive Area	SO0286701505	IW026	Yes	45.45
EA009	Tre-Aman Quarry	SO0167501271	IW026, IW028	Yes	9.636
EA010	Gadlys Extractive Area	SN9945202190	IW026	Yes	83.24
EA011	Blaengwawr Quarry	SN9980501420	IW026	Yes	12.9
EA012	Ton-llwyd Quarry	SO0110500934	IW026	Yes	0.6029
EA013	Cwm-pennar Quarry	SO0417200310	unknown	Yes	15.17
EA014	Cwar y Gwningen Quarry	SO0522800293	unknown	No	16.91
EA015	Deep Dyffryn Colliery	ST0457499617	IW026, IW027	Yes	16.15
EA016	Coed Fforest-isaf Quarry	ST0637597522	IW026, IW027	Yes	5.371
EA017	Navigation Colliery	ST0522498954	IW026, IW027	Yes	19.78
EA018	Abercwmboi	ST0296999590	IW026, IW028	Yes	7.439
EA019	Middle Dyffryn Colliery	SO0302600263	IW026, IW027	Yes	4.423
EA020	Aberaman Extractive Area	ST0068799561	IW028, IW026, IW027	Yes	67.64
EA021	Fforchaman Quarry	ST0015199881	unknown (IW028?)	No	13.33
EA022	Cwmaman Colliery	SS9966799302	IW028	Yes	37.24
EA026	Bwllfa Colliery	SN9713402635	IW026	Yes	32.2
EA027	Rhigos Extractive Area	SN9418804430	IW024	Yes	217.3
EA028	Hughes's Patch	SN9320206170	unknown (IW024?)	No	27.38
EA029	Llwydcoed Quarries	SN9986407058	IW025	No	8.455
EA030	Pontbren Llwyd	SN9502008001	unknown (IW024?)	No	4.518
EA031	Cwar Mawr	SN9463008813	IW024	Yes	23.33
EA032	Penderyn-foel	SN9365908589	IW024	No	43.76
EA033	Sych-pant-isaf	SO0096209710	unknown	No	21.67
EA034	Cadair Fawr Quarries	SN9783212830	unknown (IW028?)	No	27.26
EA035	Llygad Cynon	SN9526508004	IW024	Yes	2.238
EA037	Trefil Quarries	SO1192413599	IW012, IW010a, b, c, IW011, IW015, IW014, IW013	Yes	77.28
EA038	Pen-bryn-oer Quarry	SO1192009473	IW015a	No	11.99
EA039	Bedwellty Quarry	SO1539908848	unknown	No	2.196

¹⁰ Following detailed documentary and fieldwork in subsequent years, the information here will be subject to change.

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EA040	Rassa Quarry	SO1499311668	IW014, IW013	Yes	2.697
EA041	Tredeggar Extractive Area	SO1530110186	IW013, IW014	Yes	210.9
EA042	Bryn-mawr Extractive Area (including Clydach Terraces)	SO1949311425	IW009a, IW009b, IW010a, IW010b, IW010c, IW012	Yes	720.2
EA043	Twyn-cynnordy	SO1802211477	IW009a, IW009b, IW012	Yes	26.07
EA044	Rhyd-y-blew	SO1620011073	IW010a, IW010b, IW010c, IW012	Yes	1.44
EA045	Nant-yr-helygen	SO1304411083	IW014	Yes	3.886
EA046	Sirhowy Extractive Area	SO1439110502	IW014	Yes	19.48
EA047	Nant-y-glo Extractive Area	SO1895110553	IW009a	Yes	11.56
EA048	Sychffos Quarry	SO1655410343	IW010a, IW010b, IW010c	Yes	7.582
EA049	Dukestown Extractive Area	SO1372809939	IW013, IW014	Yes	27.75
EA050	Bryn-bach Pit	SO1289310231	IW013, IW014	Yes	16.22
EA051	Ty'n-y-waun Gravel Pits	SO0982410300	unknown	Yes	2.810
EA052	Tafarnau-bach Quarries	SO1207110180	IW013, IW014	Yes	7.781
EA053	Blaina Extractive Area	SO1984028935	IW007, IW00, IW009a, IW009b	Yes	93.87
EA054	Coedcae Quarries	SO1976309805	unknown	No	6.124
EA055	Bwlch-y-garn Pit	SO1783009267	IW012	Yes	5.449
EA056	Pen-twyn Quarry, Ebbw Vale	SO1652309423	IW010a, IW010b, IW010c, IW012	Yes	11.39
EA057	Mountain Air Quarry	SO1558909120	unknown	No	3.679
EA058	Mount Pleasant Quarry	SO1521509172	unknown	No	0.4964
EA059	Old Rhymney Furnace: Bryn-brith & Nant Melyn Pits	SO1138509196	IW015, IW015a	Yes	26.07
EA060	Jepson's Pond Quarry	SO0852808907	unknown	Yes	16.14
EA061	Quarry at Scotch Peter's Reservoir	SO1578008899	unknown	No	0.3281
EA062	Briery Hill Quarries	SO1642208908	IW010b?	No	7.024
EA063	Troed-rhiw-groes Quarries	SO1820408571	IW010a, IW010b, IW010c, IW012	Yes	4.862
EA064	Tir-gwladys Quarry	SO2118808740	unknown	No	5.399
EA065	Victoria Colliery and Quarries	SO1691808304	IW010a, IW010b, IW010c, IW011	Yes	42.24
EA066	Cefn-goleu Quarry	SO1357407905	unknown	No	2.115
EA067	Ty-llwyn Quarry	SO1762607973	IW010a, IW010b, IW010c	Yes	7.754
EA068	Gwaelod-y-gelli quarries	SO1938707564	IW007?	No	13.85
EA069	Hen-waun Colliery	SO2034207211	IW007, IW008	Yes	11.16
EA070	Tyn-y-fyd quarries, Victoria	SO1736707254	IW010a, IW010b, IW010c, IW011	Yes	13.3
EA071	Domen-fawr quarries, Victoria	SO1690607105	IW010a, IW010b, IW010c, IW011	Yes	7.767
EA072	Cwm Tyswg	SO1311807265	unknown	No	10.38
EA073	Hafod-y-Mynydd	SO1231107279	IW015	No	8.575
EA074	Blaen-y-cwm	SO1873807675	unknown	No	1.566
EA075	Bryn-oer Patch	SO1182808288	IW015	Yes	89.47
EA076	Quarries at Raslas Pond	SO0927907052	IW015, IW022	Yes	2.858
EA077	Bedwellty Pits	SO1534806049	IW013, IW014	Yes	17.11

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EA078	Troed-rhiw-gwar quarries	SO1584306780	unknown	No	2.368
EA079	Coedcae-tillery Colliery	SO2085206155	IW007, IW008, IW009a, IW009b	Yes	4.326
EA080	Waun-Iwyd Pits	SO1774706557	IW010a, IW010b, IW010c, IW012	Yes	1.162
EA082	Craig-ddu Quarry	SO2406806354	unknown	Yes	10.01
EA085	Troed-rhiw-clawdd quarries	SO1738405973	IW010a, IW010b, IW010c, IW011	Yes	24.77
EA086	Fochrhiw Extractive Area	SO0993305397	IW015, IW022	Yes	35.48
EA087	Quarries and surface workings Mountain Ash and Carn Stwpa	SO1420406103	unknown	Yes	1.239
EA090	Rose Heyworth Colliery	SO2055205576	IW007, IW008, IW009a, IW009b	Yes	9.112
EA092	Gwrhyd Pit and Quarries	SO1122705606	IW015	Yes	31.04
EA093	Varteg Hill Extractive Area	SO2569405413	IW002, IW003, IW004, IW005	Yes	153.3
EA094	Gelli-gaer Common Quarry	SO0973307298	IW015	Yes	1.738
EA096	Dyffryn Quarry	SO1886304913	IW010a, IW010b, IW010c, IW011	Yes	4.362
EA099	Nant-y-mailor Quarry	SO2818804571	IW004	Yes	4.935
EA102	Dan-y-daren Quarry	SO1590204770	IW013, IW014	Yes	5.714
EA104	Powell's Dyffryn Colliery	SO1369604594	IW015	Yes	6.618
EA105	Troed-y-rhiw-filwch quarries	SO1291704361	IW015	Yes	7.244
EA106	Pont-gwaith-yr-haiarn Quarry	SO1641704277	IW013, IW014	Yes	3.928
EA108	Cwm Colliery	SO1798304301	IW010a, IW010b, IW010c, IW012	Yes	5.116
EA109	Abertillery Quarries	SO2206003824	IW007, IW008, IW009a, IW009b	Yes	5.934
EA110	Cwrt-yr-eos Quarry	SO2746403846	IW003, IW004, IW005	Yes	0.1653
EA111	Twyn-y-ffrwd Quarry	SO2721503383	IW003, IW004, IW005	Yes	2.617
EA112	British Ironworks Extractive Area	SO2537303007	IW003, IW004, IW005	Yes	125.3
EA113	Pont Gwaith-y-wyrlod	SO2167803494	IW007, IW008, IW009a, IW009b	Yes	2.848
EA114	Hollybush Colliery	SO1654303638	IW013, IW014	Yes	6.769
EA116	Puddlers Farm Quarries	SO1405203937	IW015	Yes	2.15
EA117	Craig-Rhymney quarries	SO1373603558	IW015	Yes	19.58
EA121	Ton-yr-efail-fach quarry	SO1912503228	IW010a, IW010b, IW010c, IW012	Yes	1.512
EA126	Hafod Vane Colliery	SO2210103021	IW007, IW008, IW009a, IW009b	Yes	23.69
EA127	Craig yr Arail	SO2144102496	IW007, IW008, IW009a, IW009b	Yes	2.112
EA128	Whiterose Colliery	SO1461702766	IW015	Yes	29.32
EA131	Aber-byg Colliery	SO2090701911	IW007, IW008, IW009a, IW009b, IW010a, IW010b, IW010c, IW012	Yes	3.557
EA132	Tafarnau Bach Extractive Area and level	SO1196910458	IW013, IW014, IW015	Yes	11.69
EA133	Tranch Colliery and Quarries	SO2641901537	IW004, IW005	Yes	5.493

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EA138	Swffryd-ganol Quarries	ST2239099511	IW007, IW008, IW009a, IW009b, IW010a, IW010b, IW010c, IW012	Yes	3.022
EA140	Glan-y-dwr Quarries	SO2104801312	IW007, IW008, IW009a, IW009b, IW010a, IW010b, IW010c, IW012	Yes	3.485
EA141	Argoed	ST1770499723	IW013, IW014	Yes	4.143
EA142	Rhos-wen Colliery	SO1756500542	IW013, IW014	Yes	2.062
EA146	Cwrt-coch Colliery	ST1602099554	IW015	Yes	11.98
EA149	Cefn-y-brithdir Colliery	SO1550501554	IW015	Yes	22.00
EA150	Gwaelod-y-gelli	SO1999707477	IW007	Yes	4.165
EA151	Tredeggar Patch and Quarries	SO1387208594	IW013, IW014	Yes	132.3
EA152	Princetown Quarries	SO1148410216	IW013, IW014, IW015	Yes	13.29
EA153	Twyn-carno Pit	SO1102308784	IW015	Yes	10.27
EA154	Llechryd Quarry	SO1070509425	IW015, IW015a	Yes	9.293
EA155	Rhymney Extractive Area	SO0888107583	IW015	Yes	325.9
EA156	Maerdy Quarry	SO1186606641	IW015	Yes	1.676

It is not possible to determine a definite association to a particular ironworks for all extractive features, or indeed areas, from map work alone; it should be noted here that given the methodological scope of the project, not all associations identified above and within the gazetteer are certain. Whilst potential associations have been identified between the various extractive areas and individual or groups of ironworks, given the complex history of mineral exploitation, it was not felt that positive identification of associations could be achieved with any level of certainty at this stage, without necessary extensive and detailed documentary and cartographic research. For this reason no further in-depth analysis has been undertaken in relation to individual ironworks associations.

6.5 Potential Survival and Archaeological Value

Of the 119 extractive areas potentially related to ironworks identified within the study area from first edition OS maps 27 were found to have been lost in entirety to development such as opencast and urban/infrastructure development. Some 96 of the extractive areas identified from the 1st edition OS map were found to survive to an extent (in a condition to be established), whilst 45 extractive areas also had areas potentially surviving. Given the great disparity between the areas' sizes, it was felt that the any meaningful analysis of the surviving resource at this stage should be made in terms of physical area size.

The analysis of cartographic, documentary and aerial photographic material in conjunction with a comparison of data on opencast land-take from the coal authority allowed a general overview of potential for area survival to be established. As the methodology employed a rapid review of recent large scale aerial photographic material rather than field survey it was only possible at this stage to use the existence of large features (ie tips) as an indication of survival, as these larger features are visible on aerial photographs and to an extent on modern mapping.

The following archaeological significance criteria has been devised and used through establishing associations with previously identified and protected extractive sites as follows:¹¹

- A: Surviving (with associated SAMs LBs) - High value
- B: Surviving (with associated NPRNs/PRNs) - Moderate-High value
- C: Surviving (without associated registers) - Low – High value
- U: Potentially Surviving (condition unestablished from AP search) - Unknown value
- D: Destroyed - No or limited value

Table 12. Incidence of archaeological survival value (all extractive areas and ironworks related)

Archaeological survival value	Incidence for extractive areas	Incidence for ironworks related extractive areas
A	6	6
B	52	42
C	40	23
U	26	21
D	32	27
Total	156	119

Given that the methodological scope of the project it should be noted that the archaeological significance values assigned to each of the individual extractive areas are indicative at this stage and are likely to be further revised as the project progresses over the coming years with further detailed documentary and field survey. At this stage the results will help identify known and potential significance and area survival, and thereby identify areas, which would repay further investigation.

The extent of survival, or potential survival, of ironworks extractive areas (based on comparison of recent aerial photographs and the areas of potential ironworks related extraction identified from the 1st edition OS mapping) has been worked out in terms of area and percentage survival of the original extractive area. The results are presented in Table 13, below.

¹¹ It should be noted that these values are limited by the methodology used and are indicative only at this stage. Further detailed research and field survey is likely to significantly change most if not all the values assigned here.

Table 13. Estimated extractive area survival as a percentage of the original resource identified from first edition OS maps categorised by potential archaeological significance

Extractive Area Number	Extractive Area Name	Area on 1 st Edition OS (hectares)	Surviving Area (hectares)	Additional Potential Surviving Area (hectares)	Minimum Percentage Survival	Maximum Percentage Survival	Potential Archaeological Significance
EA001	Aberdare Extractive Area	480.1	130.4	0	27.16%	27.16%	B
EA002	Abernant Extractive Area	88.79	0	12.03	0%	13.55%	U
EA003	Ffynnon Lassa Quarry	30.41	19.85	0	65.27%	65.27%	B
EA004	Pen-y-waen Quarry	7.901	3.659	0	46.31%	46.31%	C
EA005	Hirwaun Common Extractive Area	278.4	74.02	14.668	26.59%	31.86%	B
EA006	Cwmbach Extractive Area	89.12	49.05	29.15	55.04%	87.75%	B
EA007	Werfa Colliery	5.511	0	5.041	0%	91.47%	U
EA008	Lletty Shenkin Extractive Area	45.45	34.01	0	74.83%	74.83%	B
EA009	Tre-Aman Quarry	9.636	0	0	0%	0%	D
EA010	Gadlys Extractive Area	83.24	13.721	21.913	16.48%	42.81%	B
EA011	Blaengwawr Quarry	12.9	10.03	0	77.75%	77.75%	C
EA012	Ton-llwyd Quarry	0.6029	0	0	0%	0%	D
EA013	Cwm-pennar Quarry	15.17	0	3.284	0%	21.65%	U
EA014	Cwar y Gwningen Quarry	16.91	16.78	0	99.23%	99.23%	C
EA015	Deep Dyffryn Colliery	16.15	0	5.215	0%	32.29%	U
EA016	Coed Fforest-isaf Quarry	5.371	0	4.535	0%	84.44%	U
EA017	Navigation Colliery	19.78	0	10.212	0%	51.63%	U
EA018	Abercwmboi	7.439	0	3.852	0%	51.87%	U
EA019	Middle Dyffryn Colliery	4.423	0	0	0%	0%	D
EA020	Aberaman Extractive Area	67.64	44.278	0	65.46%	65.46%	B
EA021	Fforchaman Quarry	13.33	0	11.52	0%	86.42%	U
EA022	Cwmaman Colliery	37.24	18.596	10.75	49.93%	78.80%	B
EA026	Bwllfa Colliery	32.2	21.97	0	68.23%	68.23%	B
EA027	Rhigos Extractive Area	217.3	114.8	6.444	52.83%	55.80%	B
EA028	Hughes's Patch	27.38	10.26	0	37.47%	37.47%	B
EA029	Llwydcoed Quarries	8.455	7.771	0	91.91%	91.91%	B

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EA030	Pontbren Llwyd	4.518	3.813	0	84.40%	84.40%	C
EA031	Cwar Mawr	23.33	5.749	4.57	24.64%	44.23%	B
EA032	Penderyn-foel	43.76	40.09	0	91.61%	91.61%	B
EA033	Sych-pant-isaf	21.67	0	18.48	0%	84.15%	U
EA034	Cadair Fawr Quarries	27.26	27.26	0	100%	100%	B
EA035	Llygad Cynon	2.238	2.238	0	100%	100%	C
EA037	Trefil Quarries	77.28	15.37	61.85	19.89%	99.92%	A
EA038	Pen-bryn-oer Quarry	11.99	0	0	0%	0%	D
EA039	Bedwellty Quarry	2.196	0	0	0%	0%	D
EA040	Rassa Quarry	2.697	2.28	0	84.54%	84.54%	B
EA041	Tredegar Extractive Area	210.9	28.55	9.276	13.54%	17.94%	B
EA042	Bryn-mawr Extractive Area	720.2	250.4	0	34.77%	34.77%	A
EA043	Twyn-cynnordy	26.07	0	7.765	0%	29.79%	C
EA044	Rhyd-y-blew	1.44	0	0	0%	0%	D
EA045	Nant-yr-helygen	3.886	0	0	0%	0%	D
EA046	Sirhowy Extractive Area	19.48	0	0	0%	0%	D
EA047	Nant-y-glo Extractive Area	11.56	0	0	0%	0%	D
EA048	Sychffos Quarry	7.582	0	0	0%	0%	D
EA049	Dukestown Extractive Area	27.75	0	0	0%	0%	D
EA050	Bryn-bach Pit	16.22	0	0	0%	0%	D
EA051	Ty'n-y-waun Gravel Pits	2.810	0	2.810	0%	100%	U
EA052	Tafarnau-bach Quarries	7.781	0	0	0%	0%	D
EA053	Blaina Extractive Area	93.87	0	0.704	0%	0.75%	U
EA054	Coedcae Quarries	6.124	0	0	0%	0%	D
EA055	Bwlch-y-garn Pit	5.449	2.888	0	53%	53%	B
EA056	Pen-twyn Quarry, Ebbw Vale	11.39	0	0.4812	0%	4.22%	U
EA057	Mountain Air Quarry	3.679	0	1.896	0%	51.54%	U
EA058	Mount Pleasant Quarry	0.4964	0.4964	0	100%	100%	B
EA059	Old Rhymney Furnace: Bryn-brith & Nant Melyn Pits	26.07	0	0.4102	0%	1.57%	U
EA060	Jepson's Pond Quarry	16.14	7.685	0	47.61%	47.61%	B
EA061	Quarry at Scotch Peter's Reservoir	0.3281	0.3281	0	100%	100%	C
EA062	Briery Hill Quarries	7.024	0	7.024	0%	100%	U
EA063	Troed-rhiw-groes Quarries	4.862	4.862	0	100%	100%	C

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EA064	Tir-gwladys Quarry	5.399	3.293	2.106	61%	100%	C
EA065	Victoria Colliery and Quarries	42.24	9.551	0	22.61%	22.61%	B
EA066	Cefn-goleu Quarry	2.115	2.115	0	100%	100%	B
EA067	Ty-llwyn Quarry	7.754	4.288	0	55.3%	55.3%	C
EA068	Gwaelod-y-gelli quarries	13.85	13.85	0	100%	100%	B
EA069	Hen-waun Colliery	11.16	0	0	0%	0%	D
EA070	Tyn-y-fyd quarries, Victoria	13.3	0	0	0%	0%	D
EA071	Domen-fawr quarries, Victoria	7.767	6.959	0	89.6%	89.6%	B
EA072	Cwm Tyswg	10.38	7.404	0	71.33%	71.33%	C
EA073	Hafod-y-Mynydd	8.575	1.046	7.036	12.2%	94.25%	C
EA074	Blaen-y-cwm	1.566	1.566	0	100%	100%	B
EA075	Bryn-oeir Patch	89.47	3.886	0	4.34%	4.34%	B
EA076	Quarries at Raslas Pond	2.858	2.858	0	100%	100%	B
EA077	Bedwellty Pits	17.11	8.006	4.485	46.79%	46.79%	A
EA078	Troed-rhiw-gwar quarries	2.368	2.368	0	100%	100%	C
EA079	Coedcae-tillery Colliery	4.326	4.326	0	100%	100%	B
EA080	Waun-lwyd Pits	1.162	0	0	0%	0%	D
EA082	Craig-ddu Quarry	10.01	10.01	0	100%	100%	B
EA085	Troed-rhiw-clawdd quarries	24.77	24.77	0	100%	100%	B
EA086	Fochrhiw Extractive Area	35.48	8.264	0	23.29%	23.29%	B
EA087	Quarries and surface workings Mountain Ash and Carn Stwpa	1.239	1.239	0	100%	100%	B
EA090	Rose Heyworth Colliery	9.112	1.893	0	20.77%	20.77%	B
EA092	Gwrhyd Pit and Quarries	31.04	21.073	0	67.89%	67.89%	C
EA093	Varteg Hill Extractive Area	153.3	109.063	0	71.14%	71.14%	A
EA094	Gelli-gaer Common Quarry	1.738	1.738	0	100%	100%	B
EA096	Dyffryn Quarry	4.362	4.362	0	100%	100%	C
EA099	Nant-y-mailor Quarry	4.935	4.935	0	100%	100%	B
EA102	Dan-y-daren Quarry	5.714	4.497	0	78.7%	78.7%	B
EA104	Powell's Dyffryn Colliery	6.618	1.429	0	21.59%	21.59%	B
EA105	Troed-y-rhiw-filwch quarries	7.244	7.244	0	100%	100%	C
EA106	Pont-gwaith-yr-haiarn Quarry	3.928	0	3.928	0%	100%	U
EA108	Cwm Colliery	5.116	4.171	0	81.53%	81.53%	C
EA109	Abertillery Quarries	5.934	0.4914	0	8.28%	8.28%	C

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EA110	Cwrt-yr-eos Quarry	0.1653	0.1653	0	100%	100%	B
EA111	Twyn-y-ffrwd Quarry	2.617	0	2.492	0%	95.22%	U
EA112	British Ironworks Extractive Area	125.3	91.9	0	73.34%	73.34%	A
EA113	Pont Gwaith-y-wyrlod	2.848	2.848	0	100%	100%	C
EA114	Hollybush Colliery	6.769	4.225	0	62.42%	62.42%	C
EA116	Puddlers Farm Quarries	2.15	2.15	0	100%	100%	C
EA117	Craig-Rhymney quarries	19.58	6.603	0	33.72%	33.72%	C
EA121	Ton-yr-efail-fach quarry	1.512	0	1.512	0%	100%	U
EA126	Hafod Vane Colliery	23.69	3.39	0	14.31%	14.31%	B
EA127	Craig yr Arail	2.112	0	0	0%	0%	D
EA128	Whiterose Colliery	29.32	2.758	6.924	9.41%	33.02%	A
EA131	Aber-byg Colliery	3.557	0	0	0%	0%	D
EA132	Tafarnau Bach Extractive Area and level	11.69	0	0	0%	0%	D
EA133	Tranch Colliery and Quarries	5.493	0	0	0%	0%	D
EA138	Swffryd-ganol Quarries	3.022	1.257	0	41.95%	41.95%	B
EA140	Glan-y-dwr Quarries	3.485	0	0	0%	0%	D
EA141	Argoed	4.143	0	2.7177	0%	65.60%	U
EA142	Rhos-wen Colliery	2.062	0	2.062	0%	100%	U
EA146	Cwrt-coch Colliery	11.98	7.405	0	61.81%	61.81%	C
EA149	Cefn-y-brithdir Colliery	22.00	22.00	0	100%	100%	B
EA150	Gwaelod-y-gelli	4.165	0	0	0%	0%	D
EA151	Tredegar Patch and Quarries	132.3	0	10.57	0%	7.99%	U
EA152	Princetown Quarries	13.29	0	0	0%	0%	D
EA153	Twyn-carno Pit	10.27	0	0	0%	0%	D
EA154	Llechryd Quarry	9.293	0	0	0%	0%	D
EA155	Rhymney Extractive Area	325.9	28.618	0	8.78%	8.78%	B
EA156	Maerdy Quarry	1.676	0	0	0%	0%	D

Less than half of the original area of extractive land identifiable from the 1st edition OS, as potentially being related to ironworks extraction survives to the present day. Recourse to the OS 1st edition mapping identified an original baseline resource of around 4401.23 ha in total of ironworks related extractive land. The analysis of the data in relation to surviving and potential surviving extractive areas established that the surviving resource lay in the region of 1705.74 ha (comprising a total area of 1411.22 ha of surviving extractive land and 297.71 ha potential surviving extractive land), that is 38.81% of the overall original area resource. The analysis was further broken down along the following lines:

Of the original 119 extractive areas identified from the 1st edition OS maps, 27 areas (i.e. 22.69%) appear to have been completely destroyed, ie category 'D' areas (a loss of 221.32 ha in total area) representing 5.03% of the entire original area resource within the study area.

In terms of those ironworks related extractive areas that survive, 14 extractive areas (i.e. 11.77% of the 119 identified) have been identified with a maximum survival rating of less than 25% of their original area, amounting to a total of 114.65 ha (of an original resource of 1081.454 ha) and represents 2.61% of the entire original area resource across the study area. Included within this percentage band are 7 category 'B' areas, 1 category 'C', and 6 Category 'U' areas.

Extractive areas with a survival rating of between 25% and 50% of their original area number 15 (i.e. 12.61% of the 119 identified), amount to a total of 588.32 ha of land (of an original resource of 1783.423 ha) and represents 13.37% of the entire original area resource across the study area. Included within this percentage band are 3 category 'A' areas, 8 category 'B' areas, 3 category 'C' areas, and 1 Category 'U' area.

Extractive areas with a survival rating of between 50% and 75% of their original area number 17 (i.e. 14.29% of the 119 identified), and amount to a total of 508.28 ha of land (of an original resource of 780.01 ha) and represents 11.55% of the entire original area resource within the study area. Included within this percentage band are 2 category 'A' areas, 6 category 'B' areas, 5 category 'C' areas, and 4 Category 'U' areas.

Whilst areas having a survival rating of between 75% and 100% of their original area number 46 (i.e. 38.66% of the 119 identified) and amount to a total of 497.77 ha of land (of an original resource of 535.02 ha) and represents 11.31% of the entire original area resource within the study area. Included within this percentage band are 1 category 'A', 21 category 'B' areas, 14 category 'C' areas, and 10 Category 'U' areas.

The results would indicate that despite some complete losses, a considerable area of potential iron working extractive landscapes survive within the study area. The majority potential ironworks related extractive areas retain between 25% and 100% of their original areas, landscapes, with a corresponding high incidence of 'A' and 'B' Category areas (reflecting incidence of protected and other identified related interests) in particular, adding to the potential significance of the resource.

The initial results, summarised in Table 13, above, indicate that sufficient potentially survives of the resource to allow an understanding of the ironworks' related extraction areas, a formerly important characteristic of the industrial ironworks landscapes, and that further detailed documentary and field based work is required to confirm the full extent, condition and value of the surviving resource.

It is intended that field verification of the identified potential resource is undertaken in the next stage (years 5 and 6); this verification work should be targeted in the first instance on those industrial ironworks' landscape areas selected during the current year for detailed study during years five and six of the project as proposed.

6.6 Valley Area Analysis

In an attempt to identify the most 'coherent', of the surviving ironworks extractive landscapes, and not necessarily the largest, the individual extractive areas were grouped together on a valley-by-valley basis, as used for water management features in year 3 of the project.

Table 14, below presents the extent of survival, or potential survival, of ironworks extractive areas (based on comparison of recent aerial photographs and the areas of potential ironworks related extraction identified from the 1st edition OS mapping) has been worked out in terms of area and percentage survival of the original extractive area resource on a valley-by-valley basis.

Table 14. Estimated valley area survival as a percentage of the original valley area resource identified from first edition OS maps categorised by extractive landscape based on combined extractive areas within valley groupings

Extractive Valley Landscape: Ironworks Number and Name	Extractive area on 1st edition OS map (Sq km)	Area surviving (Sq km)	Area potentially surviving (Sq km)	Total area surviving (Sq km)	Maximum percentage area surviving
Eastern Valley (Cwm Sychan and Cwm Ffrwd): IW002 Varteg; IW003 Golynos; IW004 British; IW005 Pentwyn	3.019	2.241	0.025	2.266	75.06%
Nant-y-glo and Ebbw fach: IW007 Blaina; IW008 Coalbrookvale; IW009 Nant-y-glo	6.850	3.532	0.134	3.666	53.52%
Beaufort and Ebbw Vale: IW010 Ebbw Vale; IW011 Victoria; IW012 Beaufort	5.437	0.973	0.233	1.206	22.18%
Sirhowy and Tredegar: IW013 Tredegar; IW014 Sirhowy	4.327	0.8479	0.8767	1.725	39.87%
Rhymney: IW015 Rhymney	6.959	1.654	0.276	1.930	27.74%
Cynon with the Dare and Aman: IW024 Hirwaun; IW025 Llwydcoed; IW026 Gadlys; IW027 Abernant; IW028 Aberaman	17.440	6.653	1.617	8.27	47.42%
Total area and overall maximum percentage area surviving	44.891	13.8339	3.1407	16.975	37.81%

A significant result is noted for the Eastern Valley (Cwm Sychan and Cwm Ffrwd); although the smallest of the extractive valley landscapes, this landscape was found to potentially retain over 75% of its original extractive area resource despite extensive opencast and land reclamation operations. Also of note was the Nant-y-glo and Ebbw fach system, which potentially retains

over 53% of its original extractive resource, closely followed by the Cynon Valley with the Dare and Aman Valleys where over 47% of the original extractive area resource was found to potentially survive, whilst the Sirhowy and Tredegar area retaining almost 40% of its former valley extractive landscape.

To further refine above analysis of the extractive landscapes, the incidence of archaeological area significance (relating to extractive areas with levels of current protection and other known registers) was also analysed within these broader areas (Table 15).

Table 15. Maximum incidence of archaeological significance categorised by extractive landscape based on combined extractive areas within valley groupings

Extractive Valley Landscape: Ironworks Number and Name	Value A	Value B	Value C	Value U	Value D
Eastern Valley (Cwm Sychan and Cwm Ffrwd): IW002 Varteg; IW003 Golynos; IW004 British; IW005 Pentwyn	2	2	-	1	1
Nant-y-glo and Ebbw fach: IW007 Blaina; IW008 Coalbrookvale; IW009 Nant-y-glo	1	5	3	1	6
Beaufort and Ebbw Vale: IW010 Ebbw Vale; IW011 Victoria; IW012 Beaufort	-	5	5	3	4
Sirhowy and Tredegar: IW013 Tredegar; IW014 Sirhowy	2	2	1	4	7
Rhymney: IW015 Rhymney	1	7	6	1	6
Cynon with the Dare and Aman: IW024 Hirwaun; IW025 Llwydcoed; IW026 Gadlys; IW027 Abernant; IW028 Aberaman	-	11	2	7	3
Unestablished association (likely relationship with ironworks)	-	7	6	4	2

The results of this analysis largely mirrors that of the landscape survival analysis; again the Eastern Valley (Cwm Sychan and Cwm Ffrwd) registers high, as does Sirhowy and Tredegar, both with 2 extractive areas of category ‘A’ having protected extractive related features, whilst Cynon with the Dare and Aman, returned the highest score for category ‘B’ and ‘U’ areas, around double those of the other areas. Apart from Cynon with the Dare and Aman, and Beaufort and Ebbw Vale all landscape areas have at least one extractive area belonging to category ‘A’.

It should be stressed that the scope of the current year’s project was necessarily limited to allow a greater geographic area to be rapidly covered, and as such could not facilitate the exact assessment of archaeological value/potential; the method employed neither included site verification visits necessary for establishing condition, nor underlying detailed documentary and cartographic studies, necessary to examine a whole host of other considerations, such as rarity, precise historical association, group value, and time/depth development/complexity. In this way the limited methodology employed provided at best a blunt indication of the potential extent of the extractive landscapes surviving of the Heads of the Valleys area, and was not intended to provide a detailed assessment/analysis of archaeological value, which would normally include consideration of all of the following:

- **Rarity** – in terms of period, type, etc

- **Representativeness** – representative range of elements
- **Survival** – percentage survival
- **Condition** – overall condition of surviving elements
- **Group Value** – structural/functional coherence of surviving features, but also wider ironwork group value
- **Coherence** – retention of historic meaning and significance
- **Integrity** – survival of original character or form
- **Potential** – potential for future study or analysis
- **Amenity** – potential for development for public educational recreational amenity
- **Association** – to events, figures, technological advancement, or availability of documentary evidence
- **Status** – statutory protection

6.7 *Threats and Recommendations*

General potential threats to extractive areas range from general dereliction reclamation, opencast and road schemes and in the areas close to the core ironworks themselves from urban and industrial renewal.

It was considered in the initial project proposals that specific threats to extractive areas might be identified using Unitary Authority development plans as a basis. However, as Unitary Authority development plans are currently under review, identification of specific threats on this basis has been deferred until a later stage in the project.

6.8 *The Extractive Valley Landscapes*

For practical reasons the current study has identified five general extractive landscapes within the study area, broadly corresponding to the major river valleys, and the same as those areas used for water management systems during year 3 of the project; these landscapes are as follows: Eastern Valley (Cwm Sychan and Cwm Ffrwd); Nant-y-glo and Ebbw fach; Beaufort and Ebbw Vale; Sirhowy and Tredegar; and the Rhymney, Cynon with the Dare and Aman extractive landscapes. At this stage it is felt there is insufficient information and detail available to describe the extractive areas in these Valley Landscapes in any meaningful way.

Summary descriptions of the individual extractive areas identified from the OS mapping exercise are given within Appendix I, and whilst these contain brief details of the extractive features contained in each area this information is both limited in scope and detail at this stage, and requires further confirmation.

Eastern Valley (Cwm Sychan and Cwm Ffrwd)

A fairly small-scale extractive landscape (14 polygon areas mapped amounting to 3.019 sq km in total area) by comparison with those noted elsewhere in the study area, that within the Cwm Sychan and Cwm Ffrwd tributary valleys exploited the southeastern flanks of Mynydd Varteg fach, and eastern flanks of Waun-wen and Byrgwm including Cwmbyrgwm Colliery, and workings in Cwm Sychan and Cwm Du, with outlying quarries and workings at Blaenmelyn on the southern flank of Mynydd Varteg Fawr. Other smaller outlying workings, chiefly quarries are to be found on the eastern side of the Cwm Afon Valley within Lasgarn Wood and Cwm Lasgarn itself, linked by a disused tramroad and incline system to the ironworks of the area on

the lower western flanks of the valley. The extractive areas of this area served the following ironworks IW002 Varteg, IW003 Golynos, IW004 the British, and IW005 Pentwyn.

A potential total surviving extractive landscape area of 2.266 sq km, ie 75.06% of the original valley resource survives made up of 11 surviving polygon areas (2.241 sq km), increased by 1 potentially surviving polygon area (0.025 sq km). The extractive landscape within this valley area appears to largely survive (total potential surviving area:), though extensive opencast operations in particular on Mynydd Varteg Fach, and to the west of Cwm Ffrwd have removed some of the resource. Aerial photographic and other baseline documentary evidence indicates that much of significance survives in the area around the British Ironworks, including Levels, tips and colliery workings within Cwm Sychan within the Varteg Hill area (EA093), and also Cwm Byrgwm (including the scheduled colliery SAM MM163), and Cwm Du within the British Ironworks Extractive area (EA112), as well as within the core ironworks area of the British itself, with its scheduled and listed Pumping Engine House (SAM MM216; LB 18595).

Other potential areas of surviving extractive remains are Cwrt-yr-eos Quarry (EA110), Nant-y-mailor Quarry (EA099) and Twyn-y-ffrwd Quarry (EA111) within Lasgarn Wood and Cwm Lasgarn on the eastern side of the Cwm Afon valley. It should be noted that the current assertions remain to be proven in the field.

A provisional historic ironworks landscape of 3.444 sq km (taking in 13 polygon areas, or parts thereof) has been identified and plotted on the basis of the results of the previous years of the project augmented by the potential surviving extractive areas which can be demonstrated to be potentially closely associated with the best of the surviving core areas (see figures 17 and 21).

Nant-y-glo and Ebbw-fach

This extractive landscape comprised extensive areas of workings around Bryn-mawr, the northwest of Nant-y-glo and Blaina including an area on the slopes of Mulfran, and to the east quarries on Mynydd Carn-y-cefn. A review of the first edition OS map allowed the identification of 19 extraction polygon areas mapped amounting to 6.850 sq km in total area. This extractive landscape served the ironworks of IW007 Blaina, IW008 Coalbrookvale, IW009 Nant-y-glo, (and was also linked to Beaufort in the next valley) and extended from Blaen Clydach in the north to Cwm-celyn in the south. A small scatter of quarries, collieries and other workings, which may not be primarily ironworks related, are located to the south in the Abertillery area. Part of the extractive has been lost to opencast, north west of Winchestown and to the east of Bryn mawr. Other areas have been lost to urban and industrial estate developments and a level of fragmentation has occurred to the extractive ironwork's landscape as a result.

From examination of aerial photographs and modern mapping it would appear that a potential total surviving extractive landscape area of 3.666 sq km, ie 53.52% of the original valley resource survives. This is made up of 27 surviving polygon areas (3.532 sq km), increased by 7 potentially surviving polygon areas (0.134 sq km). The most significant identified remains are to be found at Bryn-mawr Extractive Area (EA042), which includes the scheduled Clydach Coal Level (MM264), the extensive and well preserved workings of the Clydach Terrace, Gwaun-y-ffa, and Coedcae Mawr, which includes early evidence of hushing, scouring, patchworking and other significant extractive remains, and the following areas, where known industrial extractive related features have been noted: Coedcae-tillery Colliery (EA079); Hafod Vane Colliery (EA126); Rose Heyworth Colliery (EA090); Swffryd-ganol Quarries (EA138); and Gwaelod-y-gelli quarries (EA068).

A provisional historic ironworks landscape of 6.099 sq km (taking in 5 polygon areas, or parts thereof) has been identified and plotted on the basis of the results of the previous years of the project augmented by the potential surviving extractive areas which can be demonstrated to be potentially closely associated with the best of the surviving core areas (see figures 17 and 20).

Beaufort and Ebbw Vale

A narrow linear extractive landscape with 24 polygon extractive areas mapped from the evidence of the first edition OS map (amounting to 5.437 sq km in total area), which formerly extended in almost uninterrupted southwards down the Ebbw Valley from Blaen Clydach in the north. The main ironworks in the area are Ebbw Vale (IW010a, IW010b, and IW010c), Victoria (IW011), and Beaufort (IW012) ironworks, are all located within the northern half of the valley.

From the comparison of modern mapping and aerial photographic material a considerable area of former extractive land has been lost to opencast within the north of the area to the east and west of Beaufort ironworks, urban and industrial estate development has removed and fragmented the resource elsewhere. A potential total surviving extractive area of 1.206 sq km, ie 22.18% of the original valley resource survives made up of 12 surviving polygon areas (0.973 sq km), increased by 3 potentially surviving polygon areas (0.233 sq km). From examination of aerial photographs and modern mapping it would appear that the physical connection of extractive landscape to the ironwork core areas has been largely severed through the removal of much of the valley bottom core ironworks features, associated transport networks and extraction. Piecemeal linear fragments of extraction survive largely in isolation along the east facing flanks of Cefn Manmoel and the western side of Mynydd Carn-y-cefn. Perhaps, the most significant of the surviving areas is that part of the Bryn-mawr Extractive Area (EA042) which survives closest to Ebbw Vale ironworks; this formerly more extensive extractive area lies largely within adjacent valley landscape of Nant-y-glo and Ebbw Fach to the east, though extends down the eastern side of the upper Ebbw valley as far south as Ebbw Vale ironworks. Other extractive areas known to include relevant remains include: Troed-rhiw-clawdd quarries (EA085); Domen-fawr quarries, Victoria (EA071); Victoria Colliery and Quarries (EA065); and Bwlch-y-garn Pit (EA055).

A provisional historic ironworks landscape of 4.651 sq km (taking in 13 polygon areas, or parts thereof) has been identified and plotted on the basis of the results of the previous years of the project augmented by the potential surviving extractive areas which can be demonstrated to be potentially closely associated with the best of the surviving core areas, this has effectively excluded those areas south of Troed-rhiw-clawdd, including the listed but isolated colliery ventilation furnace (LB 15836), at Llandafal (see figures 17, 19 and 20).

Sirhowy and Tredegar

A formerly compact extractive landscape, which supplied IW013 Tredegar and IW014 Sirhowy Ironworks; this extractive valley landscape is largely limited to the valley head east and west of Tredegar and Sirhowy comprising 4.327 sq km in total area (with 25 polygon areas mapped). The area extended from the Trefil Quarries at the north, taking in the extractive areas of Tafarnau Bach, Bryn-bach pit, and the Tredegar patches and quarries, as well as a few smaller workings to the south.

Major opencast and urban/industrial development adjacent to the Heads of the Valleys Road has removed the bulk of the extractive landscape here, including almost all the Tredegar patch workings. In terms of surviving areas, identified through comparing modern mapping and aerial

photographic material with the original identified resource, there area has a potential total surviving extractive landscape area of 1.725 sq km, ie 39.87% of the original valley resource survives made up of 14 surviving polygon areas (0.8479 sq km), increased by 11 potentially surviving polygon areas (0.8767 sq km).

From examination of aerial photographs and modern mapping it would appear that the connection of the extractive landscape to the ironwork core areas is now severed, though the tramroad network connection to perhaps the most significant extractive landscape of the area, the quarries at Trefil (EA037), part of which are now scheduled (Trefil Quarries North SAM MM338), remains largely in place north of the Heads of the Valleys Road. This landscape area includes the Bedwellty pits area (EA077) at its southern boundary approximately 3km to the south of Tredegar Ironworks; whilst this area is not strictly ironworks related, it has been included on account of the importance of the scheduled extractive remains, Bedwellty Pits with its scheduled incline haulage winding engine (SAM MM181). Other extractive areas with noted extractive features include Tredegar Extractive Area (EA041), Dan-y-daren Quarry (EA102) and Rassa Quarry (EA040). The latter two areas as well as Trefil Quarry, Hollybush Colliery (EA114) and the Bedwellty Pits form the most extensive surviving extractive areas within the valley landscape. An area of surviving extractive landscape (28.55 hectares) to the east of Tredegar ironworks identified from aerial photographs, lies immediately adjacent and south of the Tredegar Extractive area, whilst not appearing on the 1st edition OS map this has been included as it has the appearance of potentially being of early date.

A provisional historic ironworks landscape of 4.035 sq km (taking in 12 polygon areas, or parts thereof) has been identified and plotted on the basis of the results of the previous years of the project augmented by the potential surviving extractive areas which can be demonstrated to be potentially closely associated with the best of the surviving core areas (see figures 17, 19 and 20).

Rhymney

Consultation of the first edition OS maps of the area allowed the identification of 21 polygon areas and amounts to 6.959 sq km in total area; the extractive landscape of the Rhymney Valley was closely interconnected with Dowlais in Merthyr Tydfil to the east, through extensive workings on Bryn Pyllog and Gelligaer Common, and also linked to Sirhowy and Tredegar through the extensive Bryn-oeir patch, which is coterminous with the Tredegar patch and quarries, further east. Extending as far north as Blaen Rhymney, the majority of the identified extractive areas lay north of Pontlottyn. Further south in the Rhymney Valley beyond Abertysswg is a series of linear valley side extractive areas (quarries pits and other workings) and a scattering of extractive areas within the neighbouring Darren Valley; given the distance of these extractive areas from the core ironworks, the Rhymney Ironworks IW015 and the Old Rhymney Ironworks IW015a at the head of the valley, it is unlikely that the workings in this area were primarily ironworks related.

On the basis of the most recent aerial photographs, information on areas lost to opencast and modern mapping, a total potential surviving extractive area of 1.930 sq km, ie 27.74% of the original valley resource has been identified made up of 23 surviving polygon areas (1.654 sq km), and 6 potentially surviving polygon areas (0.276 sq km). As is common elsewhere the relationship and interconnectivity of the extractive areas, the transport network and the ironwork core areas has been severed, largely due to opencast, but also infrastructure and industrial estate development. Despite significant losses to opencast activities to the east at Bryn-brith and on the

west around Blaen Carno and Bryn Pyllog, the surviving pockets of extractive features, such as the remnant of the formerly extensive Rhymney Extractive Area (EA155) within the Nant Llesg, and surviving fragment of extractive landscape towards the southern end of the Bryn-oer Patch (EA075) provide an indication of what would have been a dominant landscape of the entire valley landscape.

Whilst a number of surviving extractive areas with the valley landscape contain previously identified extractive features such as the listed Elliot Colliery engine winding house and engine (LB 25495) within Whiterose Colliery (EA128) near the southern end of valley, not all are necessarily associated with ironworks extraction. The following are perhaps the most significant areas in terms of identified ironworks related extractive features: Gelli-gaer Common Quarry (EA094); Bryn-oer Patch (EA075); Rhymney Extractive Area (EA155); Quarries at Raslas Pond (EA076); and the Fochriw Extractive Area (EA086).

A provisional historic ironworks landscape of 10.76 sq km (taking in 8 polygon areas, or parts thereof) has been identified and plotted on the basis of the results of the previous years of the project augmented by the potential surviving extractive areas which can be demonstrated to be potentially closely associated with the best of the surviving core areas. Excluded are the extractive areas within the Lower half of the Rhymney Valley within the study area and the adjacent Darren Valley south of Fochriw, where the association with ironworks is considered to be less likely (see figures 17 and 19).

Cynon with the Dare and Aman

The consultation of the first edition OS maps revealed an extractive valley landscape comprising 35 separate polygon areas amounting to 17.44 sq km in total area within the Cynon, Dare and Aman Valleys. This was an extensive extractive landscape area extending from limestone quarries at Penderyn in the north to patch and other workings to the west and southwest on Hirwaun Common, at Rhigos and elsewhere serving Hirwaun Ironworks, and to the north east of Aberdare including Fothergill's Patches, the latter forming part of a wider Aberdare Extractive area (EA001). Extractive areas associated with Llwydcoed, Gadlys and Abernant form the core, whilst extraction extends further south from Cwm-bach (EA006) and Lletty Shenkin (EA008). The extractive areas in this valley landscape would have supplied the ironworks of IW024 Hirwaun, IW025 Llwydcoed, IW026 Gadlys, and IW027 Abernant. Further south and slightly separate were a cluster of smaller workings probably associated with the Aberaman Ironworks (IW028), or earlier ironworks further up the Aman Valley. In the area south of Cwmbach, discrete areas of extraction follow the valley towards Mountain Ash, these include Deep Duffryn Colliery (EA015) and Navigation Colliery (EA017), and a number of quarries; on current evidence these are considered unlikely to have been ironworks related, at least during their main period of exploitation.

A potential total surviving extractive area of 8.27sq km, ie 47.42% of the original valley resource, has been identified from aerial photographs, National Coal Board opencast information, and modern mapping. This area comprises 38 surviving polygon areas (6.653 sq km), to which has been added a further 21 polygon areas of potentially surviving extraction (1.617 sq km). The valley landscape area has 13 surviving extractive areas with previously noted extractive features, none of which are currently protected through legislation, these areas are: Aberdare Extractive Area (EA001); Ffynnon Lassa Quarry (EA003); Hirwaun Common

Extractive Area (EA005); Cwmbach Extractive Area (EA006); Lletty Shenkin Extractive Area, (EA008); Gadlys Extractive Area (EA010); Aberaman Extractive Area (EA020); Cwmaman Colliery (EA022); Bwllfa Colliery (EA026); Rhigos Extractive Area (EA027); Llwydcoed Quarries (EA029); Cwar Mawr, (EA031); and Penderyn-foel (EA032).

A provisional historic ironworks landscape of 11.65sq km (taking in 31 polygon areas, or parts thereof) has been identified and plotted on the basis of the results of the previous years of the project augmented by the potential surviving extractive areas which can be demonstrated to be potentially closely associated with the best of the surviving core areas (see figures 17 and 18). This area excludes the extractive areas associated with Aberaman Ironworks IW028, because of the ironworks poor survival, and areas to the south of Aberaman within the Cynon Valley as these are not considered to be primarily ironworks related.

7 Conclusions and Recommendations

7.1 Introduction

The Heads of the Valleys Initiative identifies among its opportunities ‘vast areas of accessible countryside within a rich historic and built environment’ and notes that these are subject to issues of ‘poor maintenance and management of key natural and historic assets’. The ‘protection and enhancement of such sites, as well as the historic landscape and its components, are significant issues, as is the general quality of the natural and semi-natural environment’.

The industrial ironworks landscapes of the Heads of the Valleys area provide a valuable resource both regionally and nationally, and water management features and systems form an integral element of that resource. Industrial ironworks landscapes have definite and potential relevance and value in relation to a number of areas set out in WAG strategies, such as the Heads of the Valleys Initiative, the Wales Spatial Plan, the DEIN’s Business Plan; these range from heritage, wildlife/ecological value (for maintenance and development of habitat) to activities obviously related to leisure, tourism and sustainable development (eg. micro-generation), urban and rural renewal.

7.2 Extractive Features and Landscapes

The level of available study or survey undertaken for extractive areas is generally low with the exception of areas within and immediately adjacent to Merthyr Tydfil and Blaenavon, where for instance geographically limited but intensive survey work carried out by the Royal Commission has led to the distortion of the record (see Figure 2). These relate to workings related to Llwydcoed, Cyfarthfa, Dowlais and Rhymney, in addition to Blaenavon and Varteg ironworks. It is highly likely that additional detailed survey would have similar results elsewhere within the study area. Whilst the current study allowed a rapid establishment of baseline data across the Heads of the Valleys area, it has been by its very nature limited in scope and detail. On this basis further detailed documentary work and targeted field survey is recommended. This further work would aim to increase the level of data and information on extractive landscapes, and, as well as identifying additional features, would in particular ascertain the condition of the resource fully, provide developmental history, and if where possible, attempt to confirm the exact associations.

The following recommendations for further archaeological work are made:

- Undertake detailed review of available cartographic and documentary sources, including map regression, to increase the level of detailed information available on the following extractive landscapes: Eastern Valley (Cwm Sychan and Cwm Ffrwd); Nant-y-glo and Ebbw fach; Sirhowy and Tredegar; Rhymney; Cynon with the Dare and Aman, and the Beaufort and Ebbw Vale valley areas as identified on figures 17-21.
- Undertake site visits to inform site descriptions and assess condition of the resource in detail on the following extractive areas: Eastern Valley (Cwm Sychan and Cwm Ffrwd); Nant-y-glo and Ebbw fach; Sirhowy and Tredegar; Rhymney; and Cynon with the Dare and Aman systems, and the Beaufort and Ebbw Vale areas as identified on figures 17-21.
- Production of detailed management and conservation recommendations (based on the above)
- Production of protection recommendations (as necessary)
- Undertake topographic surveys and detailed recording (as necessary)

The extractive areas of the Heads of the Valleys area offer particular opportunities and challenges, as they are frequently located in close proximity to urban, or semi-urban areas, areas targeted for renewal under Welsh Assembly Government Initiatives. The appropriate management of surviving relict extractive landscapes would lead not only to environmental, educational and leisure benefits, but would ultimately lead to the retention and maintenance of what is now an increasingly scarce relict archaeological resource.

Sensitive conservation and management of the relict extractive landscapes could be linked to environmental projects such as habitat restoration/creation, improving ecological diversity and nature conservation. Much of the surviving relict extractive areas are located within areas of open access land or are adjacent to public rights of way. The potential for improvements in public access to the best landscapes, subject to necessary Health & Safety requirements might also be explored; the proximity of current access to many of the areas, indicate it should be possible to design and set out heritage trails, which largely use the existing footpath networks and wherever possible surviving relict industrial rail and tramroad routes, to link up the core ironworks areas with their surviving extraction areas, taking in the best surviving elements of related water management systems along the route.

7.3 *Provisional Historic Industrial Ironworks Landscapes*

On the results of years one, two and three of the project reviewed in section 5 of this report, with the additional information provided by the results of this years rapid cartographic based study of the extractive areas and wider extractive landscapes, the most significant surviving ironworks landscapes within the study area have been provisionally identified and mapped (see Table 15, and Figures 17-21).

The process of identifying the boundaries of the wider provisional historic industrial ironworks landscape areas, is to an extent subjective: the provisional historic industrial ironworks areas were based firstly on core ironwork areas having the highest archaeological potential, (ie the most significant and best surviving), as identified during year one of the project (category 'A' and 'B' core areas), expanding these areas to take into account related surviving transport networks, water management features, and surviving extractive areas selected from year's two to four of the project. This has been carried out on grounds of overall survival, condition and archaeological significance (transport networks), 'potential' combined survival rating (category 'B' water management sites), and for the identified surviving relict extractive areas on the basis of 'potential' combined area survival rating. Included within the boundaries are the surviving ironworks extractive areas of the Eastern Valley, whilst the most extraneous extractive areas, mostly within the lower the extents of the Rhymney, Sirhowy and Ebbw Valleys away from the main core ironworks areas towards the southern limits of the study area (figures 19 and 20), have been excluded. These include the area around the reclaimed Aberaman Ironworks - IW028, (see figure 18), due to the low value rating of the core area. Whilst some fragmentation and severance had occurred to transport networks, the water management systems and extractive landscapes, it was considered that where sufficient articulation survived to provide a reasonable level of coherence, visual reference and setting, then these features/areas should be included within historic industrial ironworks landscapes.

Southeast Wales Industrial Ironworks Landscapes

Table 16. South East Wales industrial ironworks summary with provisional historic ironworks landscapes

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	% Surviving Water Management System	% Surviving Extractive Landscape ¹²	Provisional Ironworks Landscape
Eastern Valley (incl. Cwm Sychn and Cwm Ffrwd)	IW001 Pontypool (Upper Race, Blaendare)	C	N/A	N/A	N/A	N/A	N/A	N/A
	IW002 Varteg	C	N/A	N/A	N/A	8%	75.06%	-
	IW003 Golynos	C	N/A	N/A	N/A	17%		-
	IW004 Abersychan (British)	A	IWT001 Abersychan Limestone Railway	55%	High	20%		Yes
	IW005 Pentwyn	C	N/A	N/A	N/A	0%		
Clydach Gorge	IW006 Clydach	A	IWT002 Llam-march Railroad	11%	High-Medium	N/A	N/A	N/A (Yes)
			IWT002a Llam-march Railroad (Waunllapria)	4%	Medium-Low			
			IWT003 Llam-march Tramroad	35%	High			
			IWT003a Llam-march Tramroad Pen- Ffyddlwn	0%	Low			
			IWT004 Clydach Railroad	20%	High-Medium (includes listed tramroad bridge 23837)			

¹² Maximum percentage of surviving extractive area per valley landscape given, not per provisional ironworks landscape.

Southeast Wales Industrial Ironworks Landscapes

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	Surviving Water Management System	Surviving Extractive Landscape	Provisional Ironworks Landscape
Nant-y-glo and Ebbw Vale	IW007 Blaina (inc. Cwmcelyn)	C	IWT006 Disgwylfa Main Tramroad	100%	High	26%	53.52%	No
			IWT006a Disgwylfa Pant Draenog	100%	High			
			IWT006b Disgwylfa East	100%	High.			
			IWT006c Disgwylfa West	94%	High			
			IWT006d Disgwylfa Main (conjectured)	0%	Low			
			IWT006e Disgwylfa Main (south)	9%	High-Medium			
			IW008 Coalbrookvale (inc. Trostre)	C	N/A			
	IW009 Nant-y-glo	A/B	IWT005 Bailey's Llangattock Tramroad	<1%	Low	42%		Yes
			IWT006 Disgwylfa Main Tramroad	100%	High			
			IWT006a Disgwylfa Pant Draenog	100%	High			
			IWT006b Disgwylfa East	100%	High.			
			IWT006c Disgwylfa West	94%	High			

Southeast Wales Industrial Ironworks Landscapes

			IWT006d Disgwylfa Main (conjectured)	0%	Low			
			IWT006e Disgwylfa Main (south)	9%	High-Medium			
			IWT025 Nant-y-glo -Beaufort	0%	Low			

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	Surviving Water Management System	Surviving Extractive Landscape	Provisional Ironworks Landscape
Beaufort and Ebbw Vale	IW010 Ebbw Vale with Victoria Ironworks: Rassau Railroad	A/C	IWT007 Trevil Railroad Main Line	61%	High	18%	22.18%	Yes
			IWT007b Trevil Railroad Ebbw Vale Line	<1%?	Low			
			IWT007d Trevil line to Victoria	0%	Low			
			IWT008 Rassau Railroad	14%	Low-Medium			
			IWT019 Ebbw Vale Private Line	2%	High (includes listed causeway and tunnels 2532).			
			IWT019a Ebbw Vale Private line addition (via Harford's Tunnel)	<1%	Low			
			IWT021 Beaufort Tramroad	0%	Low			
	IW011 Victoria: Beaufort Tramroad	C	IWT007d Trevil line to Victoria	0%	Low	25%		No

Southeast Wales Industrial Ironworks Landscapes

	IW012 Beaufort: Rassau Railroad	C	IWT004 Clydach Railroad	20%	High-Medium (includes: listed tramroad bridge 23837)	32%		No
			IWT005 Bailey's Llangattock Tramroad (2 nd Llangattock Tramroad)	<1%	Low			
			IWT007 Trevil Railroad Main Line	61%	High			
			IWT007a Trevil Railroad Beaufort Line	<1%	Low			
			IWT007b Trevil Railroad Ebbw Vale Line	<1%?	Low			
			IWT008 Rassau Railroad	14%	Low-Medium			
			IWT021 Beaufort Tramroad	0%	Low			
			IWT025 Nant-y-glo –Beaufort	0%	Low			

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	Surviving Water Management System	Surviving Extractive Landscape	Provisional Ironworks Landscape
Sirhowy and Tredegar	IW013 Tredegar Ironworks	C	IWT018 Tredegar Tramroad	4%	Low	56%	39.87%	Yes (water management features only)
	IW014 Sirhowy Ironworks	A	IWT007 Trevil Railroad Main Line	61%	High	21%		Yes
			IWT007c Trevil Railroad Sirhowy Line	0%	Low			
			IWT008 Rassau Railroad	14%	Low-Medium			

Southeast Wales Industrial Ironworks Landscapes

			IWT019 Ebbw Vale Private Line	2%	High (includes listed causeway and tunnels 22532).			
			IWT019a Ebbw Vale Private line addition (via Harford's Tunnel)	<1%	Low			
Rhymney	IW015 Rhymney Lower Furnace	C	IWT016 Rhymney Limestone Railway	29%	Medium	47%	27.74%	Yes
			IWT017 Bryn Oer Tramroad (via Hall's Trevil Tramroad)	0% (within Glamorgan – Gwent)	Low			
			IWT020 Bute Tramroad (via Dowlais' Twynau Gwynion line 4)	0%	Low			
	IW015a Rhymney Upper Furnace	A	IWT009 Hall's Trevil Tramroad	7%	Medium-Low			
			IWT010 Rhymney Tramroad Branch	3%	Unknown			
			IWT015a Twynau Gwynion Tramroad line 2	50%	High-Medium			
			IWT017 Bryn Oer Tramroad (via Hall's Trevil Tramroad)	0% (within Glamorgan – Gwent)	Low			

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	Surviving Water Management System	Surviving Extractive Landscape	Provisional Ironworks Landscape
Merthyr Tydfil	IW016 Dyffryn	C	N/A	N/A	N/A	N/A	N/A	N/A
	IW017 Pentrebach	D	N/A	N/A	N/A			
	IW018 Plymouth Ironworks	A/C	IWT012 Morlais West Tramroad	34%	High			

Southeast Wales Industrial Ironworks Landscapes

	IW019 Ynys Fach	A	N/A	N/A	N/A			
	IW020 Cyfarthfa	A	N/A	N/A	N/A			
	IW021 Penydarren Ironworks and tramroad	B	IWT012 Morlais West Tramroad	34%	High			
	IW022 Dowlais Ironworks	A/B	IWT011 Morlais East Tramroad and Railway	39%	High-Medium			
			IWT015 Twynau Gwynion Tramroad Line 1	25%	High-Medium			
			IWT015b Twynau Gwynion Tramroad line 3 (partly under later Rhymney Limestone Railway)	87%	Medium			
			IWT015c Twynau Gwynion Tramroad Line 4 (partly under route of Rhymney Limestone Railway)	19%	Medium			
	IW023 Ivor works	A/B	IWT011 Morlais East Tramroad and Railway	39%	High-Medium			

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	Surviving Water Management System	Surviving Extractive Landscape	Provisional Ironworks Landscape
Cynon with the Dare and Aman	IW024 Hirwaun	A	IWT013 Tappendens' Tramroad	29%	High	48%	47.42%	Yes
			IWT013a Tappendens' Tramroad West	16%	Medium			

Southeast Wales Industrial Ironworks Landscapes

			IWT014 Mr Glover's Railroad	65%	High		
			IWT014a Mr Glover's Railroad Bryngwyn Extension	6%	Medium-Low		
	IW025 Llwydcoed	A	IWT013 Tappendens' Tramroad	29%	High	78%	Yes
			IWT013a Tappendens' Tramroad West	16%	Medium		
			IWT014 Mr Glover's Railroad	65%	High		
			IWT014a Mr Glover's Railroad Bryngwyn Extension	6%	Medium-Low		
	IW026 Gadlys	A/B	IWT013 Tappendens' Tramroad	29%	High	100%	Yes
			IWT013a Tappendens' Tramroad West	16%	Medium		
			IWT014 Mr Glover's Railroad	65%	High		
			IWT014a Mr Glover's Railroad Bryngwyn Extension	6%	Medium-Low		
	IW027 Abernant	C	IWT013 Tappendens' Tramroad	29%	High	25%	Yes (on edge of only)
			IWT013a Tappendens' Tramroad West	16%	Medium		
			IWT014 Mr Glover's Railroad	65%	High		

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Cynon with the Dare and Aman	IW027 Abernant	C	IWT014a Mr Glover's Railroad Bryngwyn Extension	6%	Medium-Low	25%		Yes (on edge of only)
	IW028 Aberaman	D	N/A	N/A	N/A	0%		No

Valley Landscape	Ironworks: Number(s)/Name(s)	Value of Ironwork Core Area(s)	Associated Ironworks Transport Network Number and Name	% Overall Survival of Transport Network	Significance of Transport Network	Surviving Water Management System	Surviving Extractive Landscape	Provisional Ironworks Landscape
Tawe, Dulais and Nedd	IW029 Ystalyfera	A/B	IWT024 Ystalyfera	>1%	Low	N/A		N/A
	IW031 Onllwyn	D						
	IW032 Banwen	A	IWT023 Banwen Quarries Tramroad	33%	Unknown (On private land)			
			IWT023a Banwen Coelbren Junction	87%	High-Medium			
	IW034 Venallt	A	IWT022 Protheroe's Tramroad	26%?	High (IWT022(i) is protected within Scheduled Ironworks Area GM423).			
			IWT022a Venallt Tramroad	0%	Low			
	IW035 Abernant	D	N/A	N/A	N/A			

Figures

Figure 1. Revised study area to the Heads of the Valleys Initiative and areas entered on the Historic Landscapes Registers

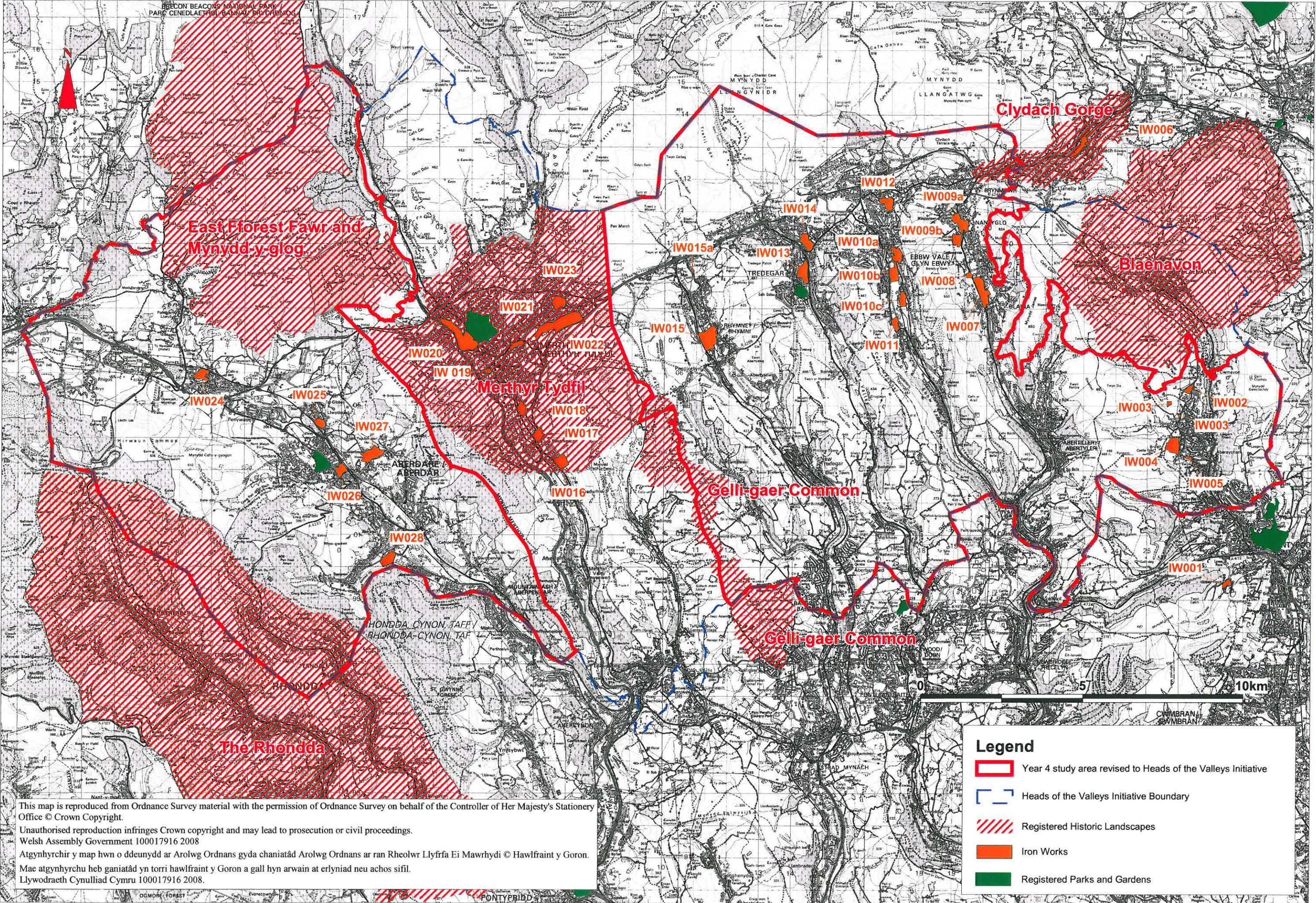


Figure 2. Extractive Features: HER/NMR data and additional point data (Cynon Coal)

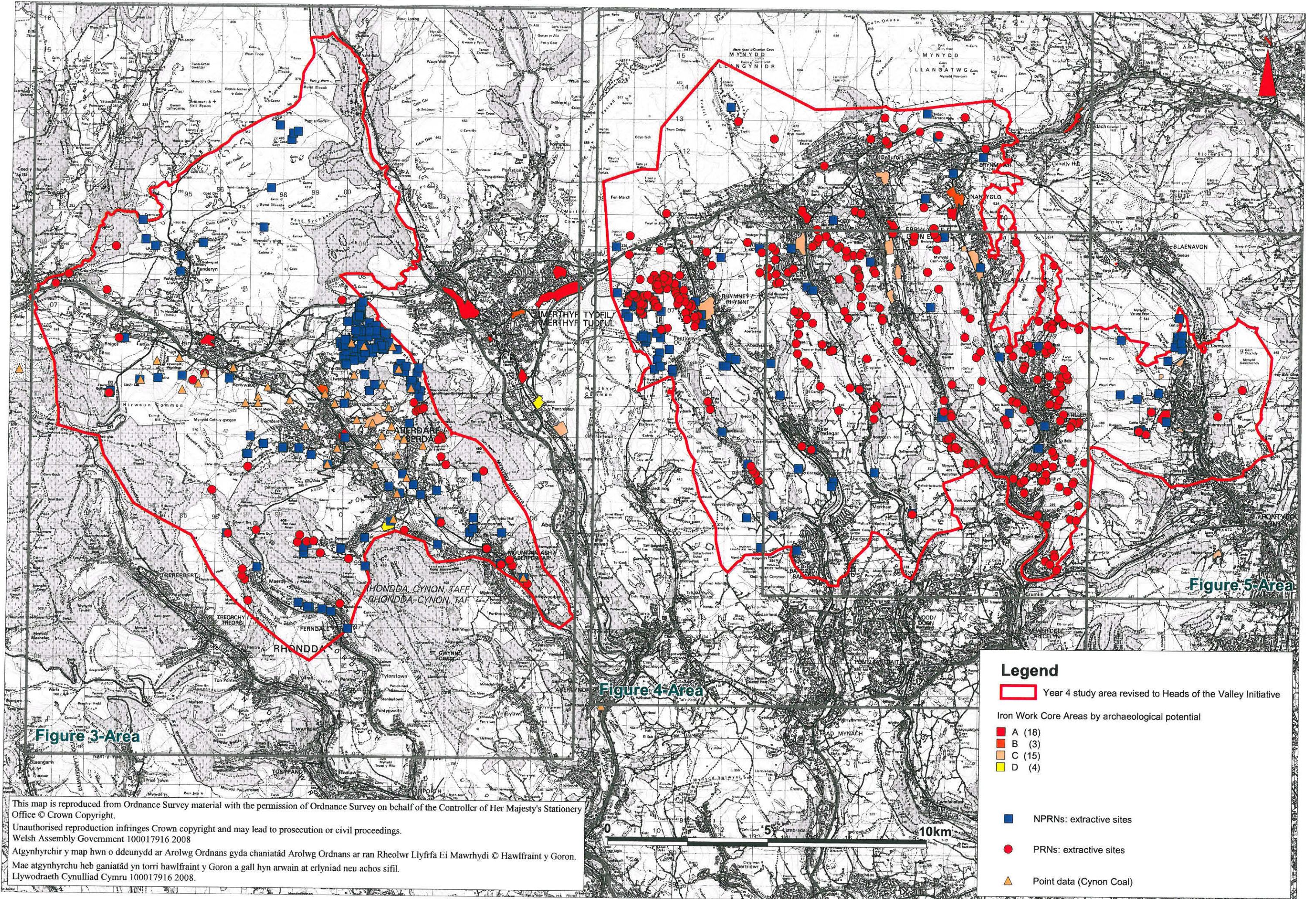


Figure 3. Extractive features: HER/NMR data and additional point data (detail of western area)

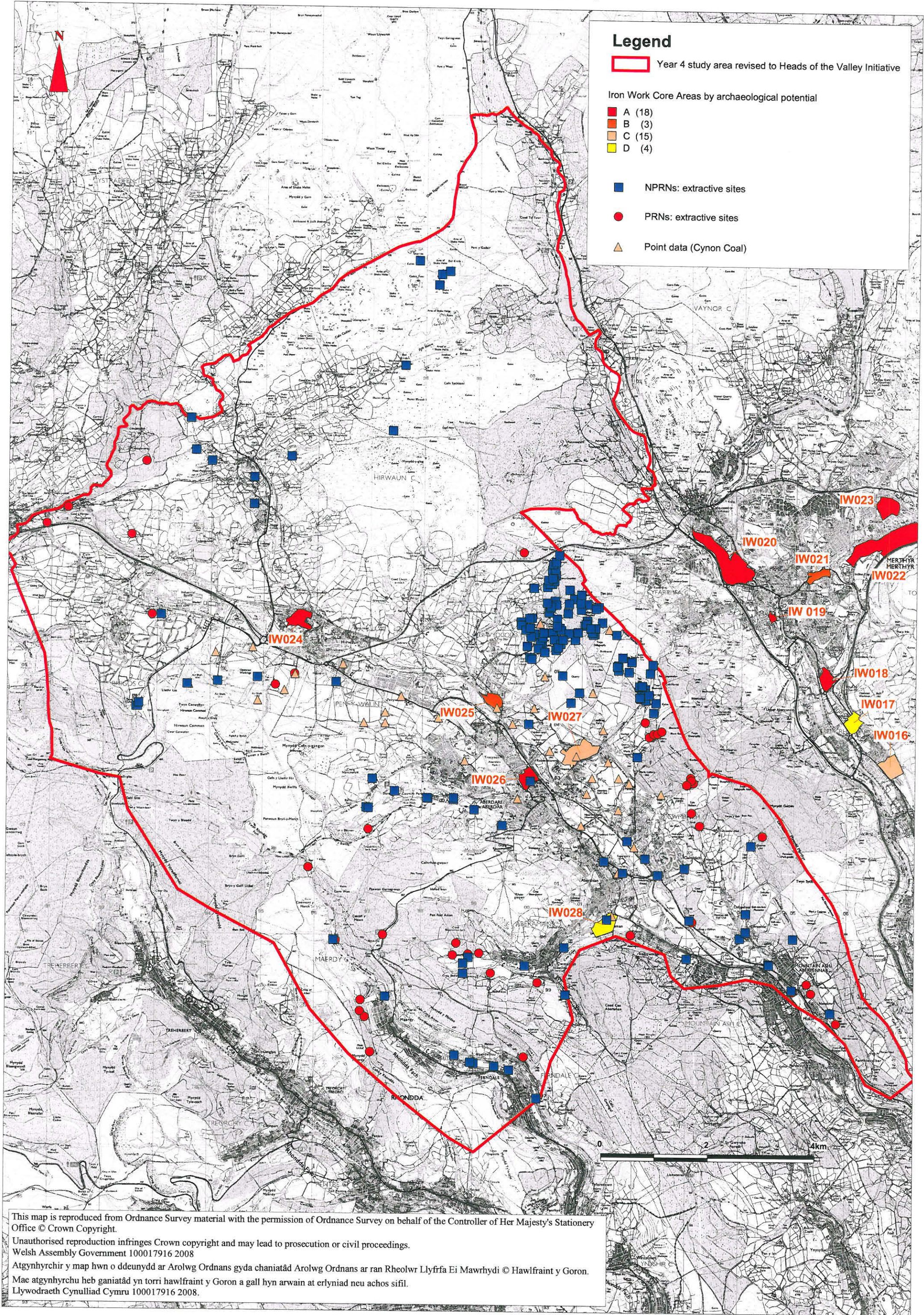


Figure 4. Extractive features: HER/NMR data (detail of eastern area)

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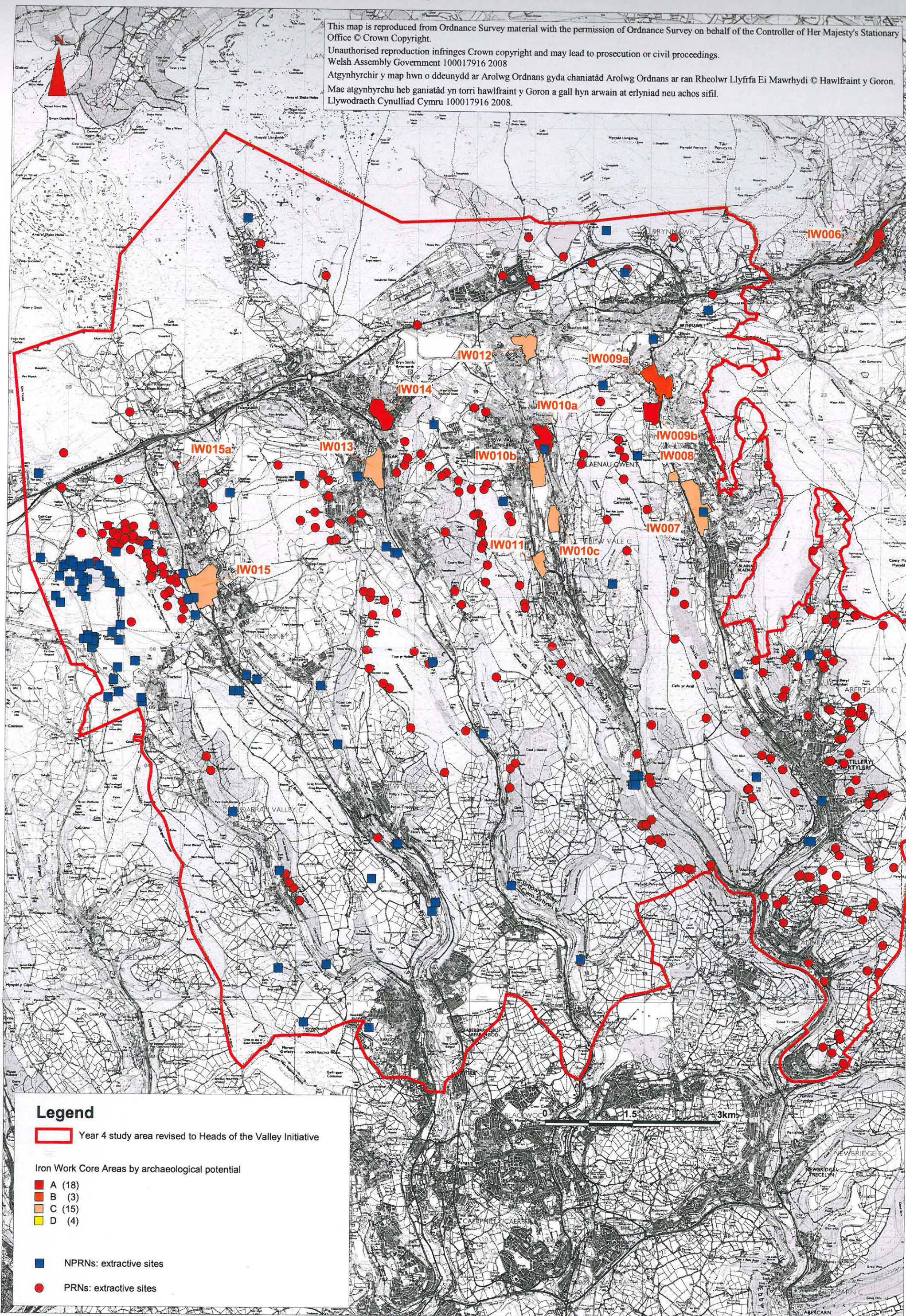


Figure 5. Extractive features: HER/NMR data and point data (detail of eastern area)

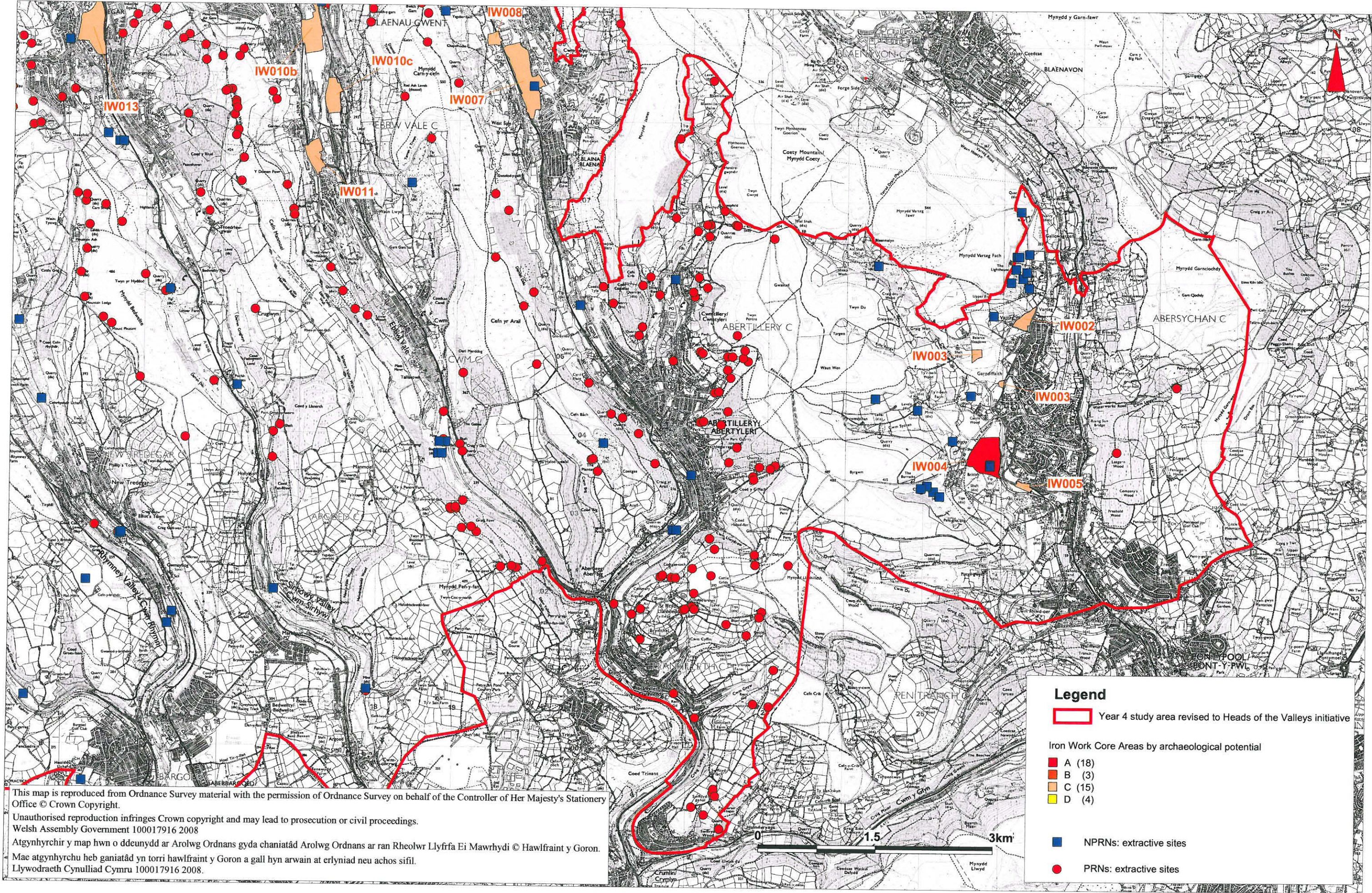


Figure 6. Extraction areas from 1st edition OS maps

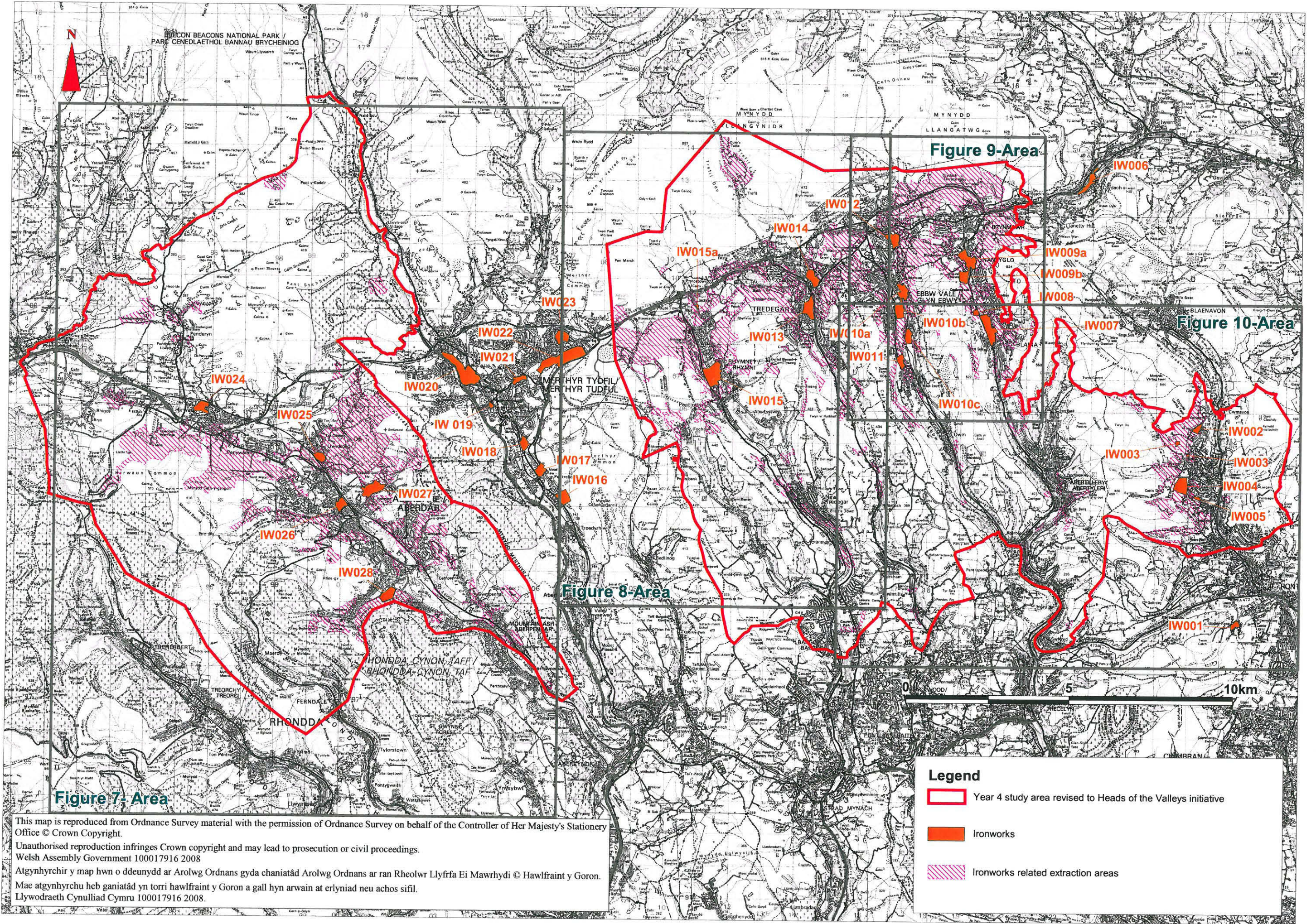


Figure 7. Extraction areas from 1st edition OS maps (detail of western area)

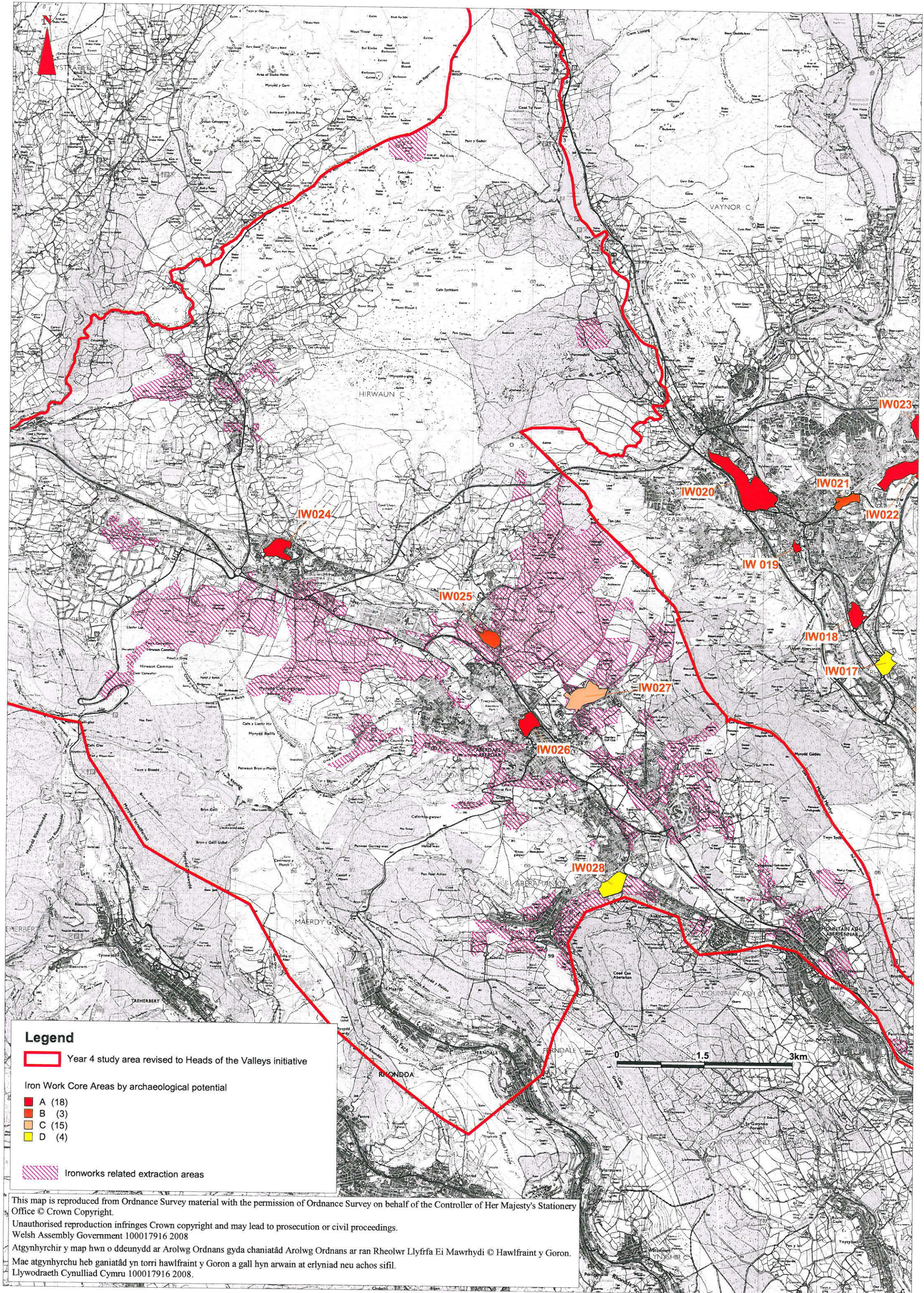


Figure 8. Extraction areas from 1st edition OS maps (detail of eastern area)

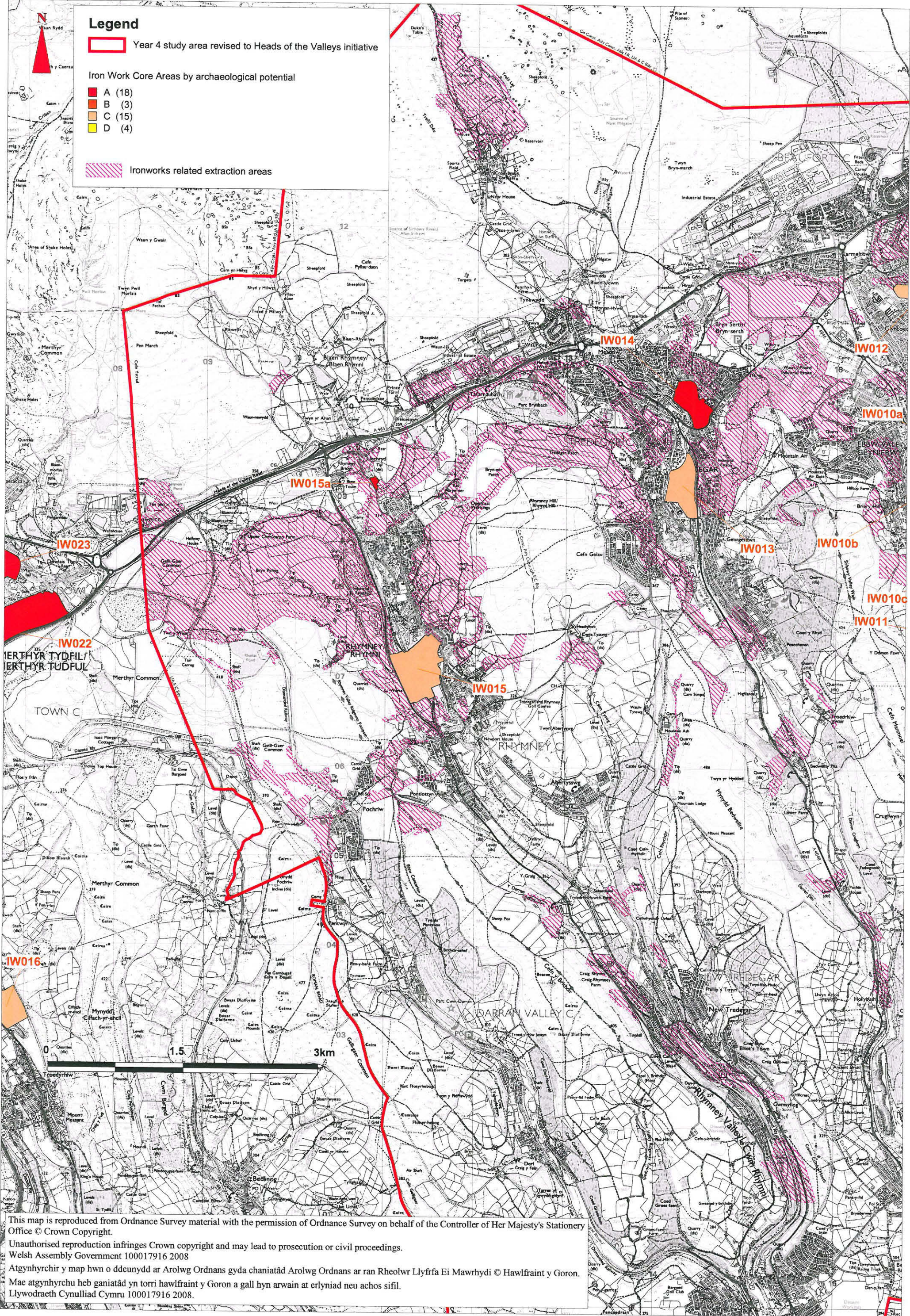


Figure 9. Extraction areas from 1st edition OS maps (detail of eastern area)

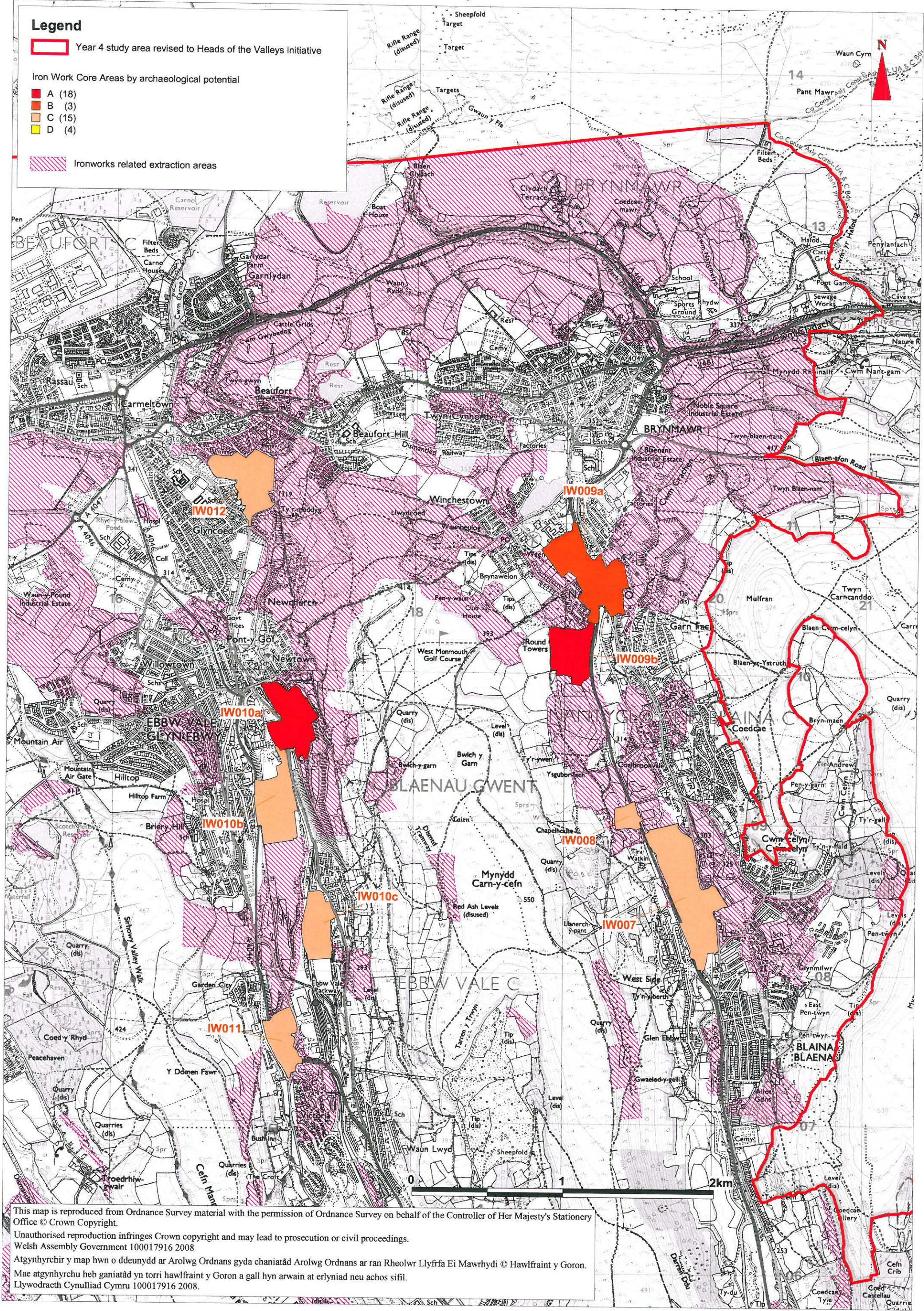


Figure 10. Extraction areas from 1st edition OS maps (detail of eastern area)

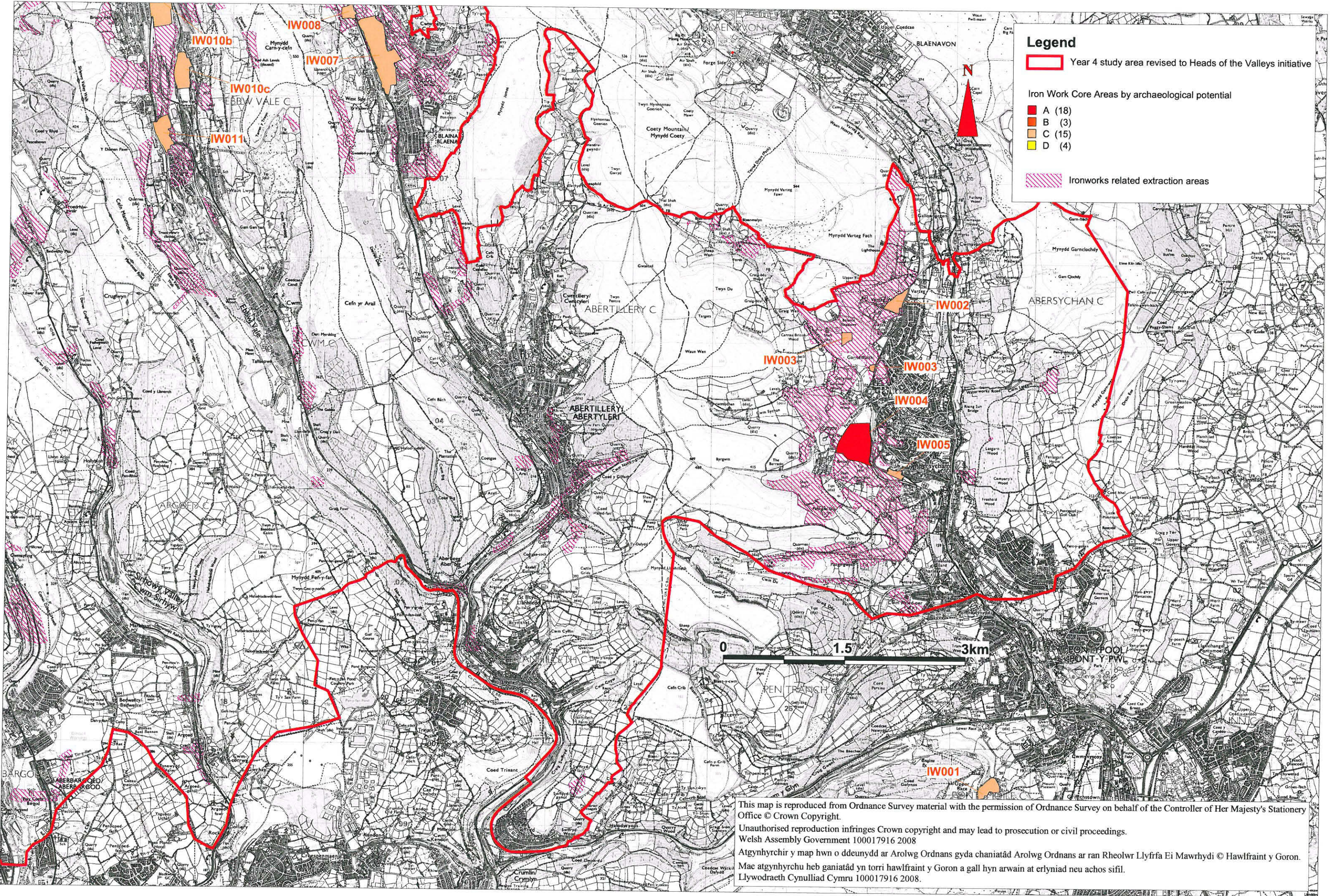


Figure 11. Surviving extraction areas

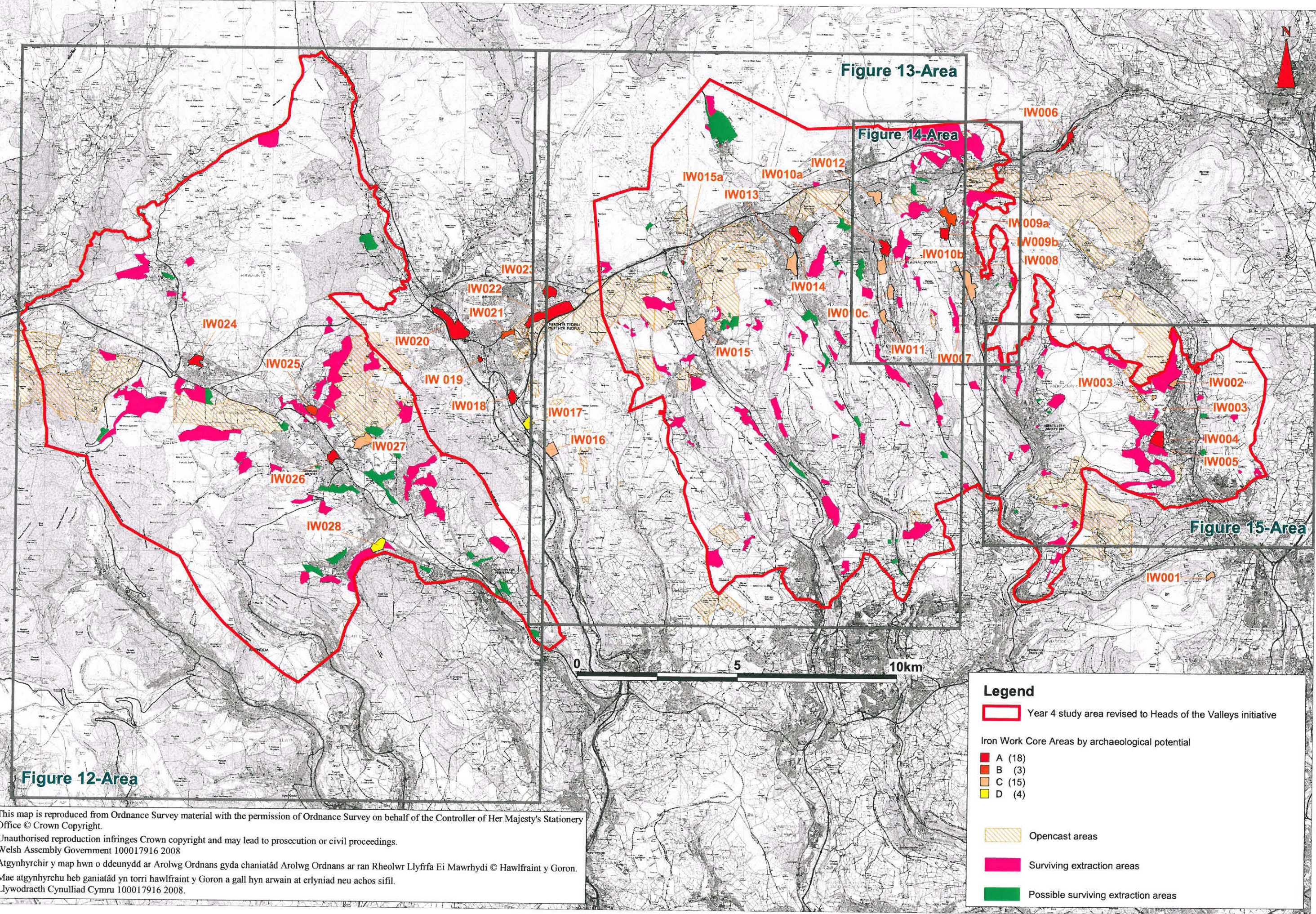


Figure 12. Surviving extraction areas (detail of western area)

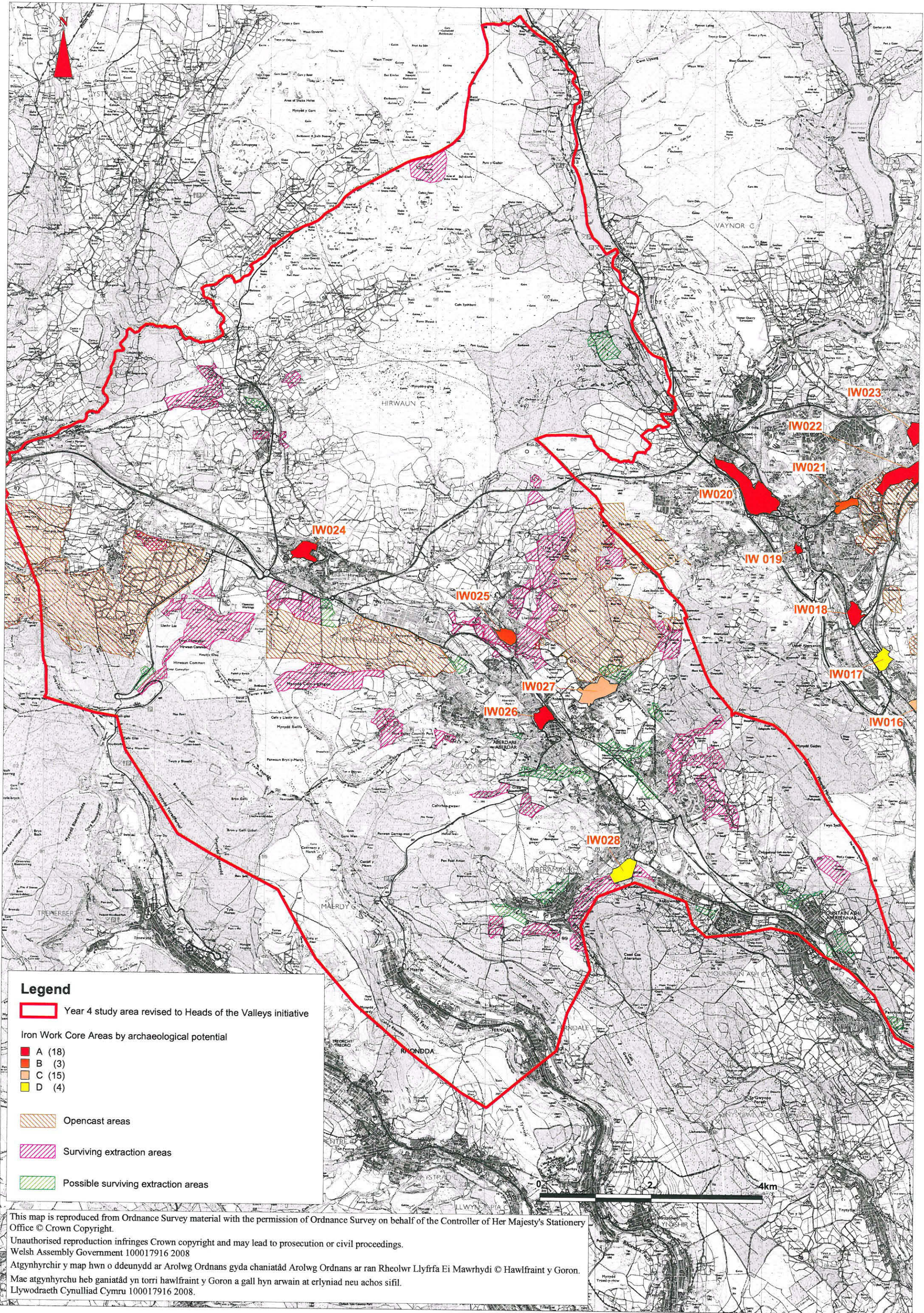


Figure 13. Surviving extraction areas (detail of eastern area)

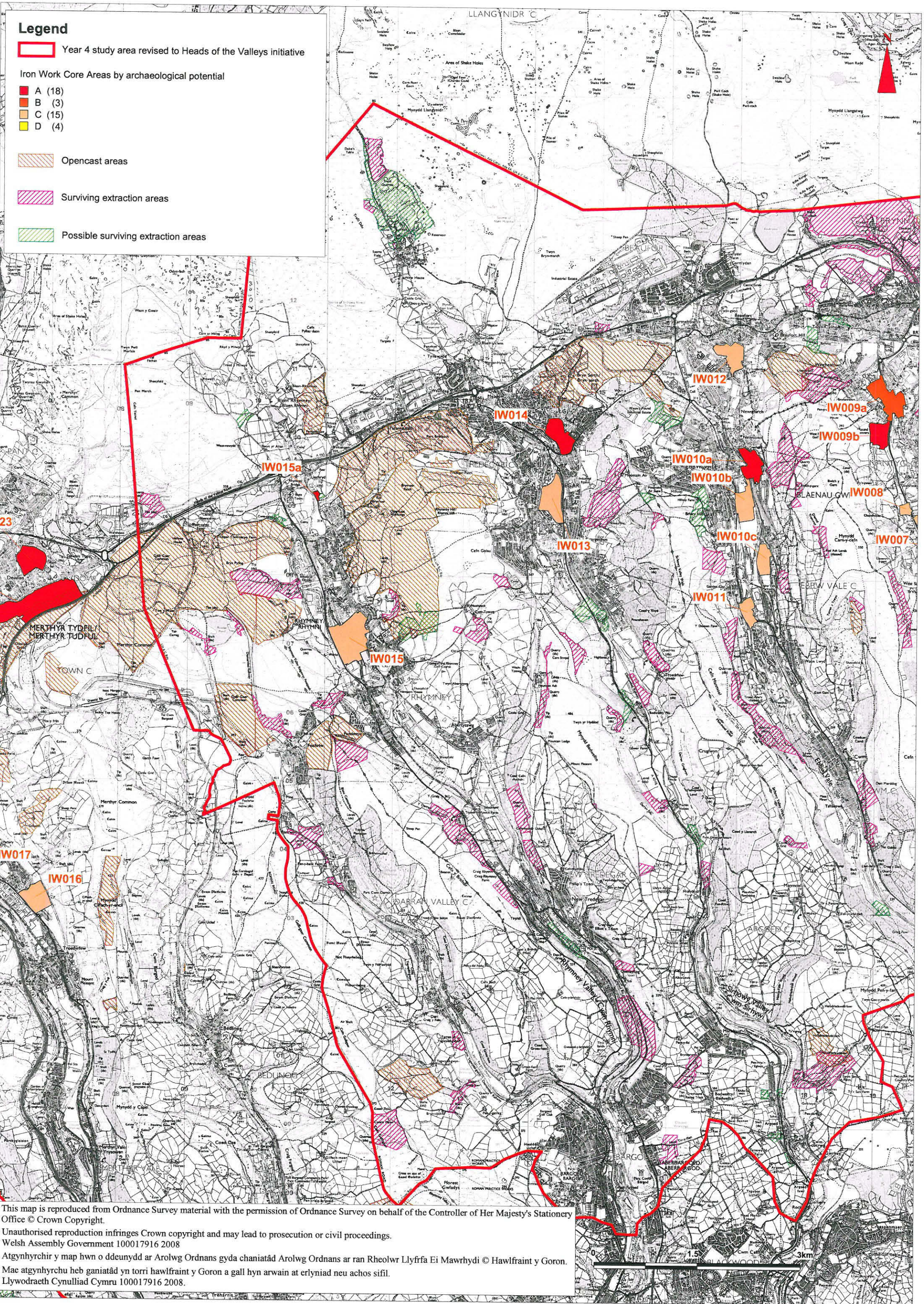


Figure 14. Surviving extraction areas (detail of eastern area)

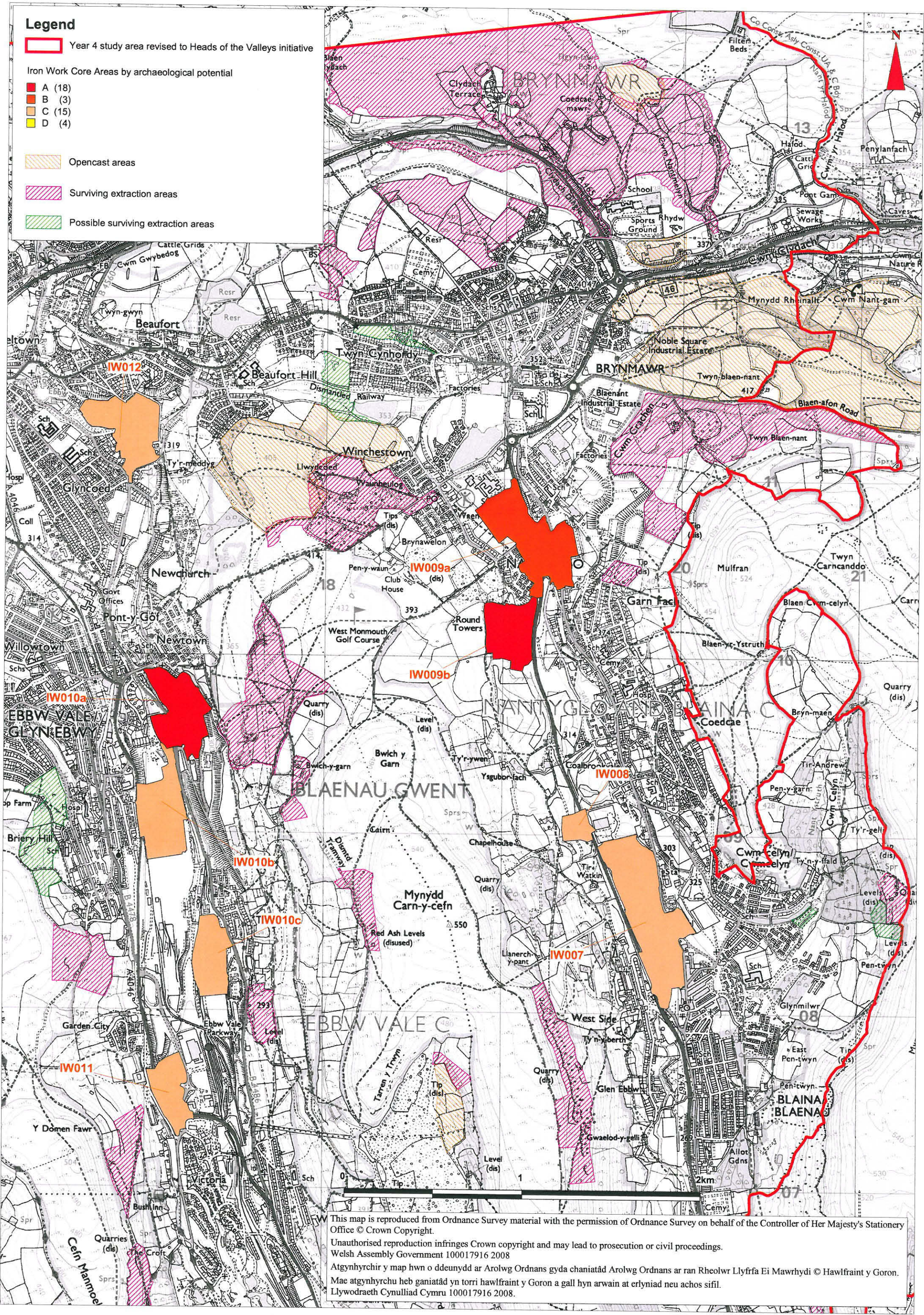


Figure 15. Surviving extraction areas (detail of eastern area)

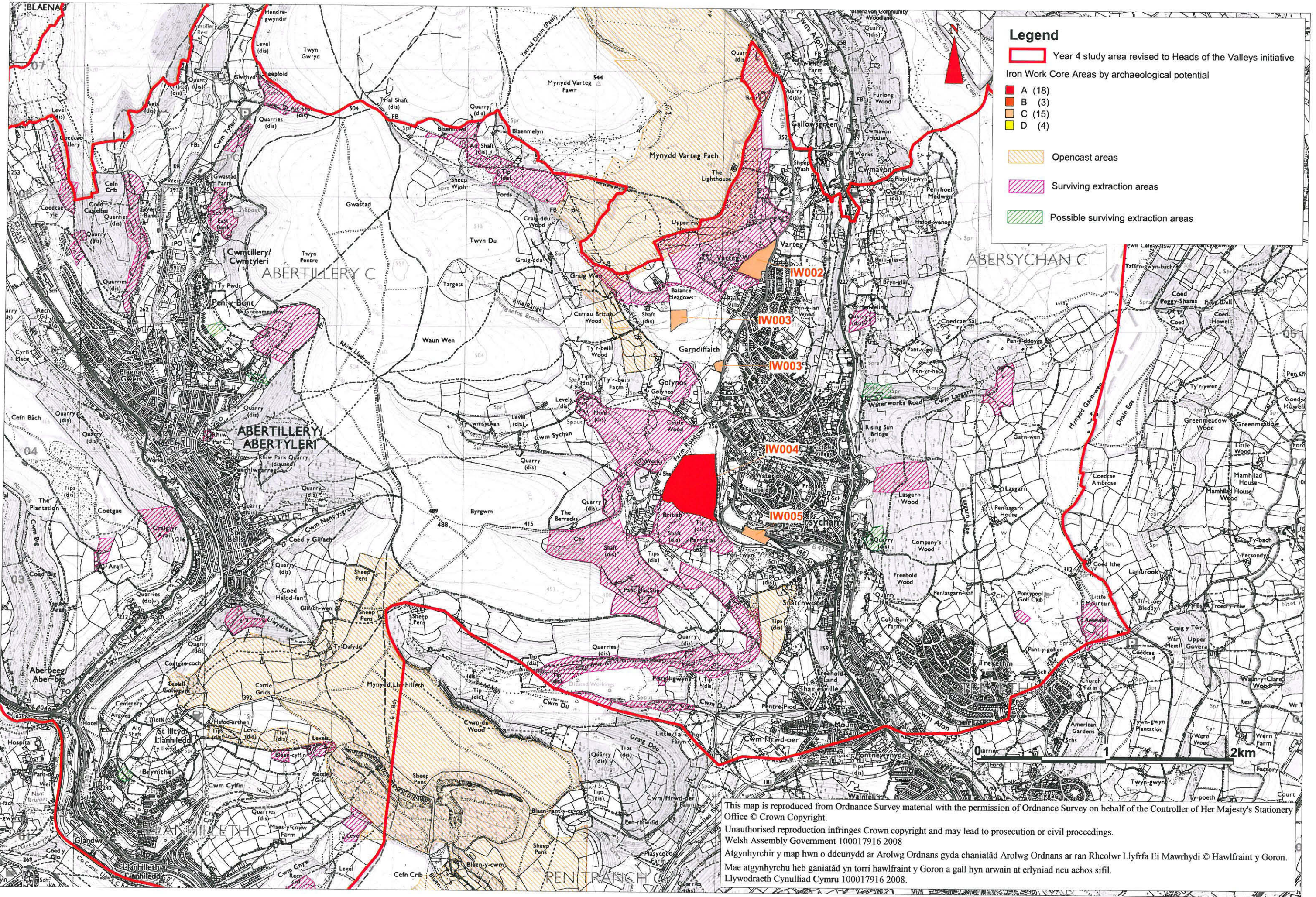
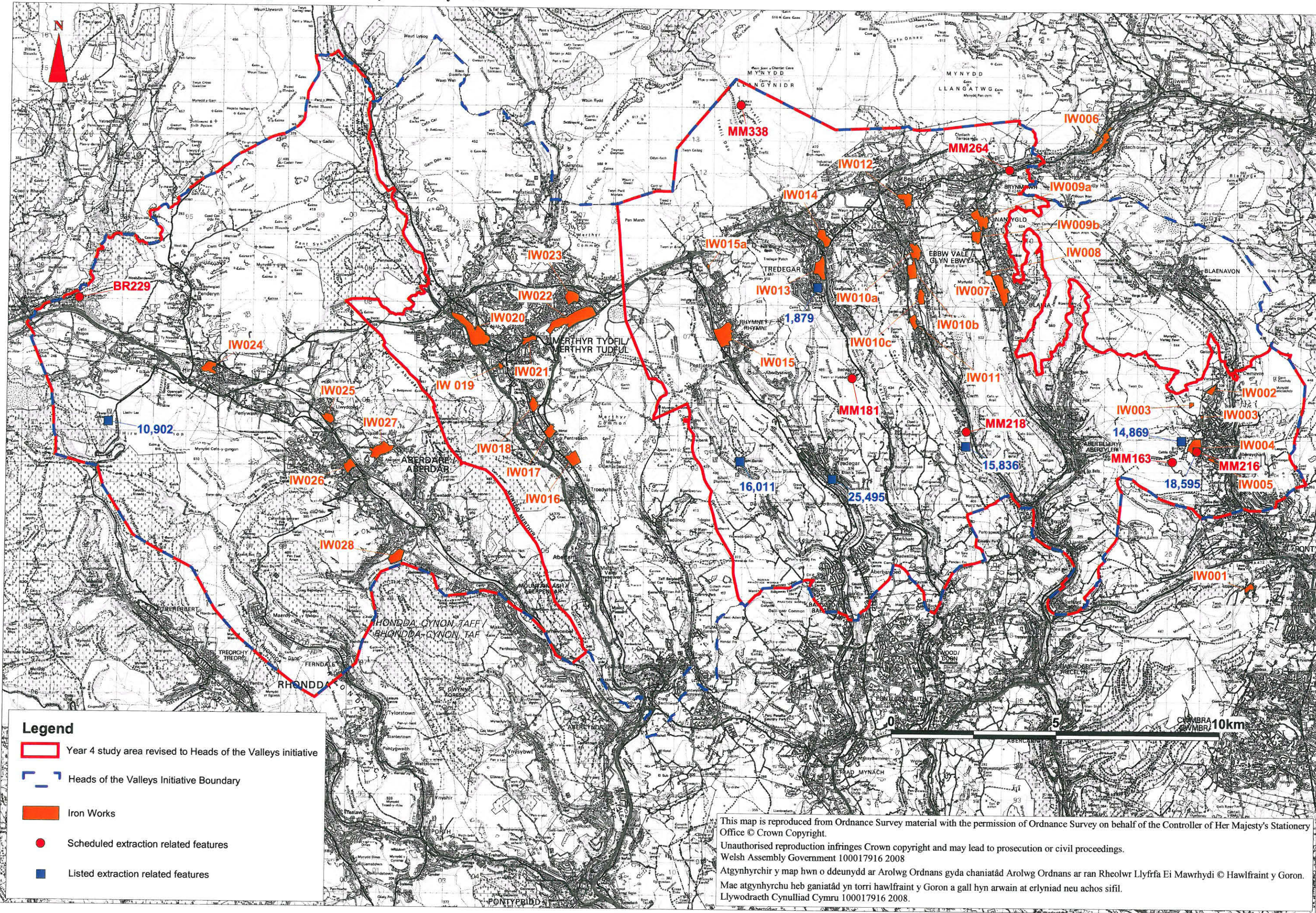


Figure 16. Extraction features: statutory protection within year 4 study area



Legend

- Year 4 study area revised to Heads of the Valleys initiative
- Iron Work Core Areas by archaeological potential
 - A (18)
 - B (3)
 - C (15)
 - D (4)
- Registered Parks and Gardens
- Revised Provisional Landscapes

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Figure 18. Archaeological constraints map (detail of western area)

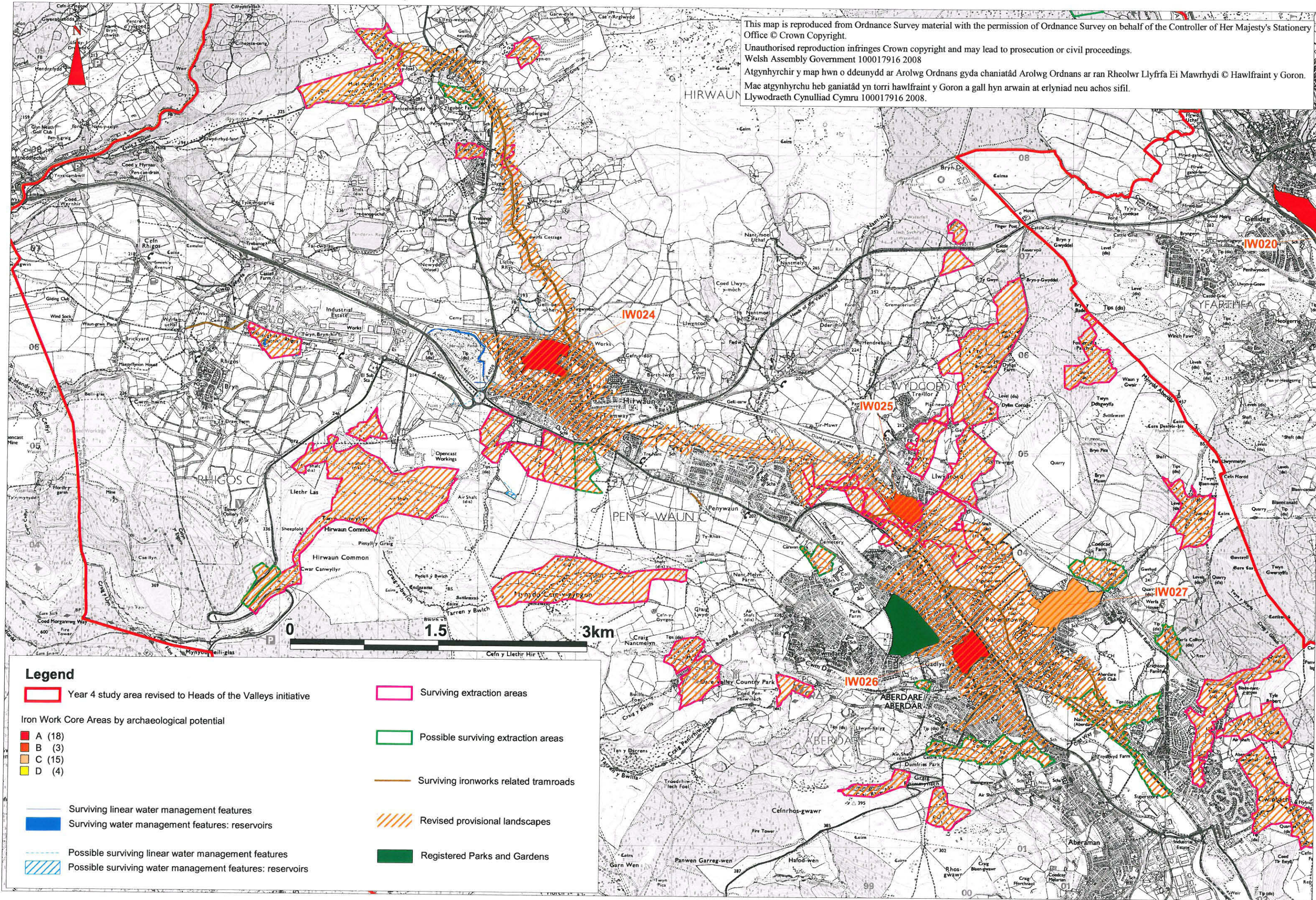
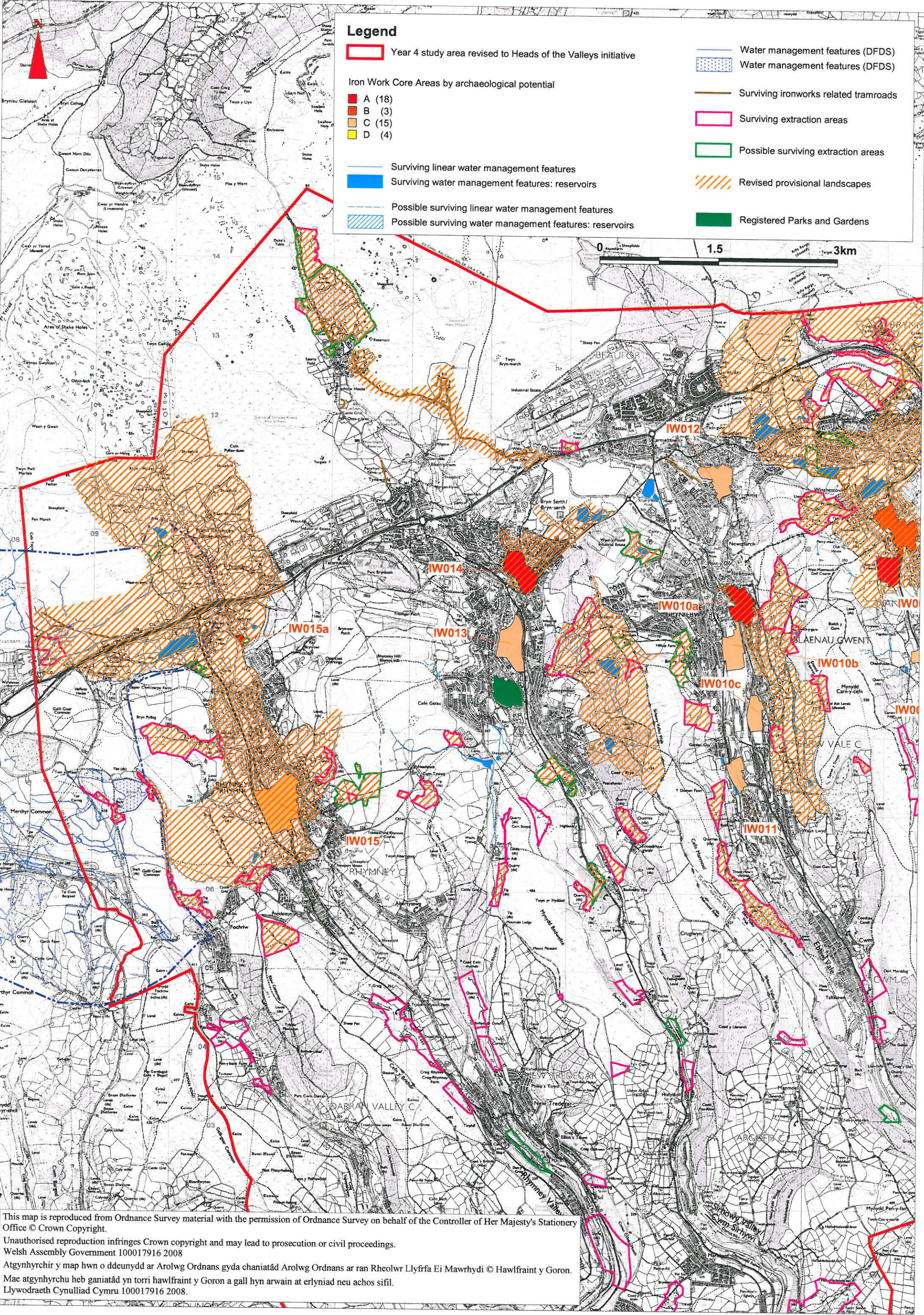
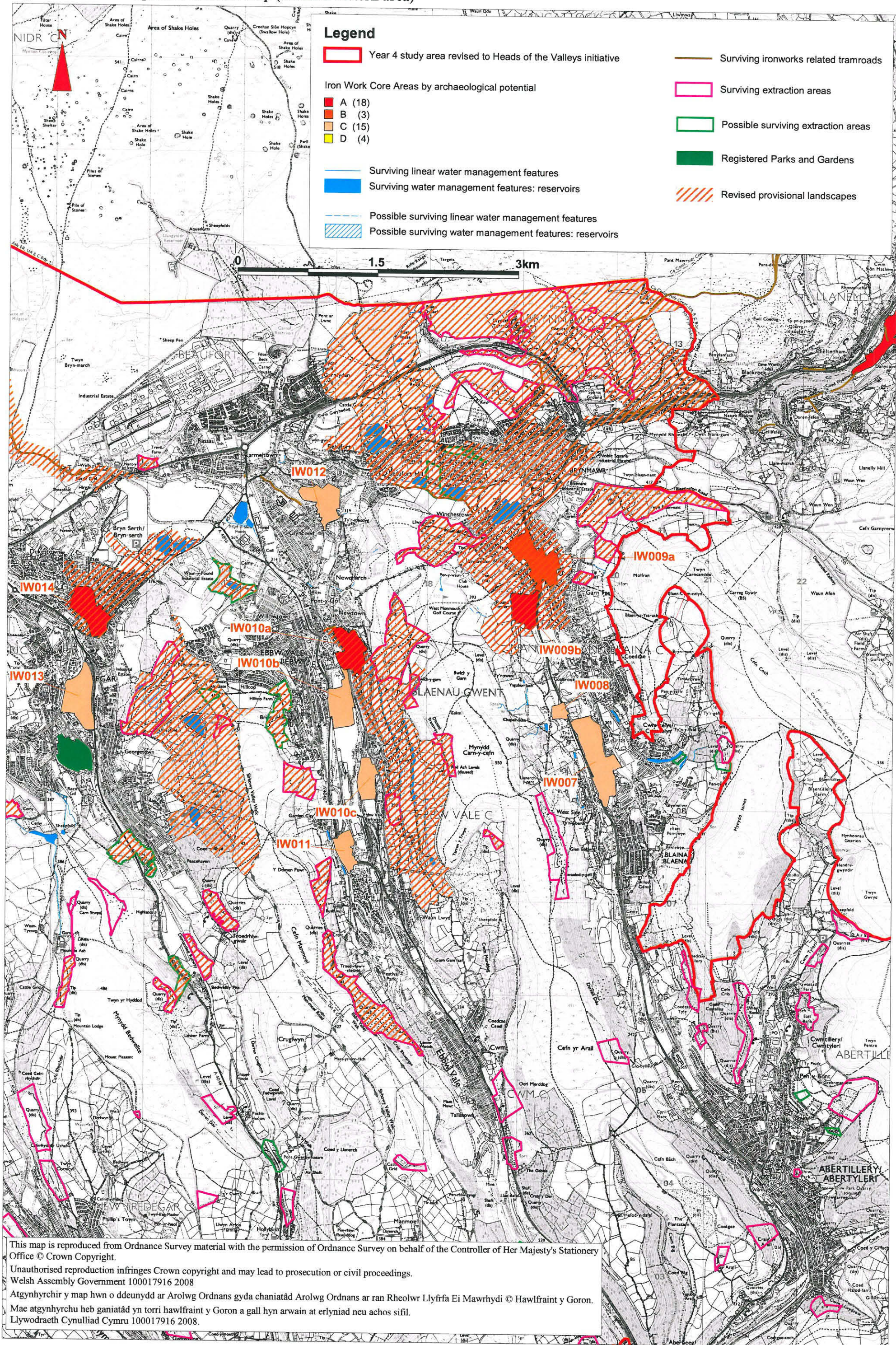


Figure 19. Archaeological constraints map (detail of eastern area)



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Figure 20. Archaeological constraints map (detail of eastern area)



Legend

- Year 4 study area revised to Heads of the Valleys initiative
- Surviving ironworks related tramroads
- Surviving extraction areas
- Possible surviving extraction areas
- Revised provisional landscapes
- Registered Parks and Gardens
- Iron Work Core Areas by archaeological potential
 - A (18)
 - B (3)
 - C (15)
 - D (4)
- Surviving linear water management features
- Surviving water management features: reservoirs
- Possible surviving linear water management features
- Possible surviving water management features: reservoirs

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Appendices

Appendix I Extractive Areas (based on OS First Edition 1:2500 Map)

ID Number	Name	Type
EA001	Aberdare Extractive Area	Extractive Area

NGR	Associated Ironworks	Linked by tramroad
SO0024305599	IW025	Yes

Associated PRNs/NPRNs/SAMs/LBs

262445, 262448, 262447, 262463, 262386, 262385, 262378, 262377, 262376, 262375, 262372, 262371, 262368, 262358, 262357, 262356, 262355, 262354, 262353, 262352, 85104, 88072, 85006, 260024, 262406, 262405, 262042, 262563, 260023, 262300, 262299, 262298, 262043, 262418, 262565, 262332, 262297, 262574, 262296, 262294, 262293, 262479, 262462, 262460, 262459, 262458, 262457, 262456, 262455, 262441, 262440, 262438, 262433, 262423, 262562, 262561, 262555, 262554, 262553, 262552, 262548, 262547, 262546, 262540, 262539, 262538, 262410, 262409, 262408, 262407, 262402, 262388

Description

Large extractive area depicted on 1st edition OS maps, includes Fothergill's Patch, Ysguborwen Balance Pit, Tir-yr-Argae Balance Pit and Croesdy Patch as well as smaller individual quarries, gravel pits and levels.

Condition

Majority of the area has been landscaped, although some features remain in the west of the area

Area:	Surviving	Potential surviving	Percentage	Value
480.1	130.4		27.16%	B

ID Number	Name	Type
EA002	Abernant Extractive Area	Extractive Area

NGR	Associated Ironworks	Linked by tramroad
SO0131003375	IW027	Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area adjoining Abernant Ironworks, depicted on 1st edition OS maps, includes Fireclay Patch (Clay, coal and ironstone), Ventilation shafts, Level and Quarry

Condition

Landscaped in parts, part of area is now included in Aberdare Golf Club, possible survival in north

Area:	Surviving	Potential surviving	Percentage	Value
88.79	0	12.03	13.55%	U

ID Number	Name	Type
EA003	Ffynnon Lassa Quarry	Extractive Area

NGR	Associated Ironworks	Linked by tramroad
SO0211104381	IW027	Yes

Associated PRNs/NPRNs/SAMs/LBs

262601, 262600, 262598, 262602, 262594, 262592, 262591, 262589, 262587, 262583, 262571, 80624

Description

Extractive area depicted on 1st edition OS maps, including Blaennant Balance Pit (coal extraction), Ironstone Quarries and levels.

Condition

Appears to survive in majority of area

Area:	Surviving	Potential surviving	Percentage	Value
-------	-----------	---------------------	------------	-------

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30.41	19.85	0	65.27%	B
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ID Number	Name	Type
EA004	Pen-y-waen Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SN9820604431	IW025, IW026	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Old quarry depicted on 1st edition OS maps		
Condition		
Survival in northeast of area		
Area:	Surviving	Potential surviving
7.901	3.659	0
		Percentage
		46.31%
		Value
		C

ID Number	Name	Type
EA005	Hirwaun Common Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SN9708904289	IW024, IW025	Yes
Associated PRNs/NPRNs/SAMs/LBs		
85008		
Description		
Large extractive area on Hirwaun Common depicted on 1st edition OS maps, which contains a high number of individual features for the extraction of both coal and ironstone. Includes several gravel pits, coal levels, ventilation shafts, drift mines, engine houses and unlabelled quarries. Additionally, there are several large features which are given names on the 1st edition maps; Pwll Bryn-gwyn coal mine, Slade's Patch (labelled with both Ironstone and coal), Bryn-gwyn Colliery, New Drift coal mine, Craig Colliery and Brickworks and Bryn-gwyn Patches (also labelled with both ironstone and coal).		
Condition		
Significant portion of the area has been opencast and landscaped, although some areas survive, especially in the southwest corner.		
Area:	Surviving	Potential surviving
278.4	74.02	14.668
		Percentage
		31.86%
		Value
		B

ID Number	Name	Type
EA006	Cwmbach Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0149002307	IW026, IW027	Yes
Associated PRNs/NPRNs/SAMs/LBs		
80626, 03729m, 03730m, 03735m, 03736m, 03965m, 03969m		
Description		
Extractive area depicted on 1st edition OS maps, appears to be strongly industrial, with a high concentration of industrial features, docks, cranes, canals, as well extractive features, the majority of which relate to the extraction of coal. Specific features include Cwmbach Pit,		

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Cwmbach New Pit, and Cwmbach Little Pit, Abernant Pit, Tunnel Pit and High Dyffryn Colliery as well as a smithy, coal levels and ventilation shafts. Gnoll Quarry and several unlabelled quarries also fall within this area.

Condition

Majority survives

Area:	Surviving	Potential surviving	Percentage	Value
89.12	49.05	29.15	87.75%	B

ID Number	Name	Type
EA007	Werfa Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0198303096	IW027	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps, labelled as Werfa Colliery

Condition

Potential for survival, area now almost entirely wooded so obscured on APs; some features marked on modern maps, including a shaft and water features which may be the remains of the colliery.

Area:	Surviving	Potential surviving	Percentage	Value
5.511	0	5.041	91.47%	U

ID Number	Name	Type
EA008	Lletty Shenkin Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0286701505	IW026	Yes
Associated PRNs/NPRNs/SAMs/LBs		
80550, 80549, 80627		

Description

Extractive area depicted on 1st edition OS maps, with high concentration of coal-related features, particularly in the western side of the area; including both Upper and Lower Letty Shenkin Collieries, Powell's Dyffryn Colliery, and the Upper Dyffryn Colliery. The eastern side of the area includes more quarries, specifically Letty Shenkin quarry as well as unlabelled quarries. General extraction-related features, levels and ventilation shafts, are dispersed throughout the area.

Condition

Western side entirely built over by housing. Survives on eastern side

Area:	Surviving	Potential surviving	Percentage	Value
45.45	34.01	0	74.83%	B

ID Number	Name	Type
EA009	Tre-Aman Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0167501271	IW026, IW028	Yes
Associated PRNs/NPRNs/SAMs/LBs		
80547		

Description

Extractive area depicted on 1st edition OS maps including an unlabelled area of earthworks in the

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northern half, with Tre-Aman Colliery and Black Band Pit in the southern half, the latter labelled as an ironstone pit. Also contains general extraction-related features, shafts, tips and a smithy in the south part.

Condition

Destroyed, now largely built over in western part, and landscaped in the eastern part.

Area:	Surviving	Potential surviving	Percentage	Value
9.636	0	0	0%	D

ID Number	Name	Type
EA010	Gadlys Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SN9945202190	IW026	Yes

Associated PRNs/NPRNs/SAMs/LBs

80623, 85004, 85005, 33451, 33715, 33741, 33699

Description

Large area depicted on 1st edition maps rich in extractive features, mainly associated with coal. As well as several unnamed quarries and unlabelled areas of earthworks, there are several different collieries which fall within the area, including Merthyrdare and Cwmdare Collieries in the northwest of the area, Dare Pit (labelled on the 1st edition as for the extraction of coal) in the north, Gadlys Old and New Pits (also for coal) in the northeast corner, Craig Colliery and Blaengwawr Colliery in the southeast of the area. Also, there are a high number of ventilation shafts and levels dispersed throughout the area, and a smithy associated with Cwmdare Colliery.

Condition

Survives in southwestern part, potential survival in some of remainder of area, as portions are largely undeveloped, although housing has encroached into northeastern corner.

Area:	Surviving	Potential surviving	Percentage	Value
83.24	13.721	21.913	42.81%	B

ID Number	Name	Type
EA011	Blaengwawr Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SN9980501420	IW026	Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Small area depicted on 1st edition OS maps includes Blaengwawr Quarry for the extraction of stone in the southern part of the area, and an unnamed quarry to the north.

Condition

Appears to survive almost entirely, earthworks visible on APs and marked on modern maps

Area:	Surviving	Potential surviving	Percentage	Value
12.9	10.03	0	77.75%	C

ID Number	Name	Type
EA012	Ton-llwyd Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0110500934	IW026	Yes

Associated PRNs/NPRNs/SAMs/LBs

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N/A

Description

Unnamed quarry depicted on 1st edition OS maps

Condition

Appears to be destroyed

Area:	Surviving	Potential surviving	Percentage	Value
0.6029	0	0	0	D

ID Number

EA013

Name

Cwm-pennar Quarry

Type

Extractive Area

NGR

SO0417200310

Associated Ironworks

unknown

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

80479, 80480

Description

Small extractive area depicted on 1st edition OS maps, mainly containing features associated with the extraction of coal, including Lower Dyffryn Colliery toward the south of the area. There are also three unnamed quarries in the eastern part, as well as associated features; a tunnel, engine house, and shaft. NB this area is not directly linked by tramroad to any core ironwork areas.

Condition

Appears largely destroyed in northern part of area, location of Lower Dyffryn Colliery now housing.

Potential survival in far southern corner of area, disused quarry marked on modern maps, but obscured by woodland on Aps.

Area:	Surviving	Potential surviving	Percentage	Value
15.17	0	3.284	21.65%	U

ID Number

EA014

Name

Cwar y Gwningen Quarry

Type

Extractive Area

NGR

SO0522800293

Associated Ironworks

unknown

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Unlabelled quarry depicted on 1st edition OS maps, appears to be in fairly isolated position with no obvious links to core ironworks areas, and no tramroad connecting the area

Condition

Appears to survive

Area:	Surviving	Potential surviving	Percentage	Value
16.91	16.78	0	99.23%	C

ID Number

EA015

Name

Deep Dyffryn Colliery

Type

Extractive Area

NGR

ST0457499617

Associated Ironworks

IW026, IW027

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

80481, 33514, 01241m

Description

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Area depicted on 1st edition OS maps, with high concentration of extractive features. As well as Deep Dyffryn Colliery in the centre of the area, and its associated features; a shaft, a ventilation shaft, engine house and a level, the western half of the area is occupied by two quarries, Rhyd Isaf, and another unnamed quarry. The Great Western Railway runs through this area.

Condition

Survival unlikely, area now partially built over by housing, area of colliery now playing fields.

Potential for survival in northeast corner of area where woodland obscures features on Aps.

Area:	Surviving	Potential surviving	Percentage	Value
16.15	0	5.215	32.29%	U

ID Number	Name	Type
EA016	Coed Fforest-isaf Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
ST0637597522	IW026, IW027	Yes
Associated PRNs/NPRNs/SAMs/LBs		

Description

Small extractive area consisting of one unnamed quarry depicted on 1st edition OS map, connected directly to the Great Western Railway

Condition

Potential survival, area now wooded so not visible on Aps

Area:	Surviving	Potential surviving	Percentage	Value
5.371	0	4.535	84.44%	U

ID Number	Name	Type
EA017	Navigation Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
ST0522498954	IW026, IW027	Yes
Associated PRNs/NPRNs/SAMs/LBs		

03742m, 03930m

Description

Extractive area depicted on 1st edition OS maps, consisting of Navigation Colliery and its associated features; three smithies, two engine houses, coal levels and ventilation shafts.

Condition

Partially built over in west, potential survival in eastern part

Area:	Surviving	Potential surviving	Percentage	Value
19.78	0	10.212	51.63%	U

ID Number	Name	Type
EA018	Abercwmboi	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
ST0296999590	IW026, IW028	Yes
Associated PRNs/NPRNs/SAMs/LBs		

80552

Description

Small extractive area depicted on 1st edition OS maps, consisting of Abercwmboi Colliery in the northeast and an unnamed quarry in the southwestern part of the area. Linked to the Taff Vale

Southeast Wales Industrial Ironworks Landscapes

railway by Abercwmboi siding.

Condition

Mainly destroyed, potential survival in small area in centre

Area:	Surviving	Potential surviving	Percentage	Value
7.439	0	3.852	51.87%	U

ID Number	Name	Type
EA019	Middle Dyffryn Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0302600263	IW026, IW027	Yes

Associated PRNs/NPRNs/SAMs/LBs

80551, 01130m

Description

Extractive area depicted on first edition OS maps consisting of Middle Dyffryn Colliery and an associated level.

Condition

Appears to be entirely destroyed

Area:	Surviving	Potential surviving	Percentage	Value
4.423	0	0	0	D

ID Number	Name	Type
EA020	Aberaman Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
ST0068799561	IW028, IW026, IW027	Yes

Associated PRNs/NPRNs/SAMs/LBs

80546, 80545

Description

Large extractive area depicted on 1st edition OS maps containing a high density of extractive features; Aberaman Colliery and Black Band Pit to the north of the area immediately adjoining Aberaman Ironworks; Bedwlyn Colliery to the south, and Cwmnoel quarry in the northwest part of the area. As well as the named Aberaman quarries, there are at least seven separately labelled unnamed quarries and eleven levels scattered throughout the area, as well as ventilation shafts.

Condition

Survives in most of area, although housing has encroached on east side.

Area:	Surviving	Potential surviving	Percentage	Value
67.64	44.278	0	65.46%	B

ID Number	Name	Type
EA021	Fforchaman Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
ST0015199881	unknown (IW028?)	No

Associated PRNs/NPRNs/SAMs/LBs

Description

Small extractive area depicted on 1st edition OS maps consisting of four small unnamed quarries scattered across the area, with a trial shaft depicted on the 1st edition just outside the area to the south. Not actually on tramroad network, although a line does run close to area on the southeast

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side. Unable to determine associated ironworks, very close to Aberaman Ironworks, (IW028) although there is no link marked on the 1st edition map.

Condition

Potential survival, though area partially obscured by woodland on Aps, area appears unimproved.

Survival of individual features difficult to determine as original quarries marked on 1st edition are so small.

Area:	Surviving	Potential surviving	Percentage	Value
13.33	0	11.52	86.42%	U

ID Number	Name	Type
EA022	Cwmaman Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SS9966799302	IW028	Yes

Associated PRNs/NPRNs/SAMs/LBs

80544, 04040m

Description

Extractive area depicted on 1st edition OS maps containing features primarily related to coal extraction; Cwmaman Colliery in the northwest corner, Fforchaman Colliery in the northeast corner.

Condition

Features appear to survive in southwest and southeast corners, potential for some survival in southwest corner

Area:	Surviving	Potential surviving	Percentage	Value
37.24	18.596	10.75	78.80%	B

ID Number	Name	Type
EA023	Coed Graig Isaf	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SS9915497333	unknown	No

Associated PRNs/NPRNs/SAMs/LBs

80494, 80493, 80492, 80491

Description

Extractive area depicted on 1st edition OS maps, features mainly related to coal extraction, including Pits numbers 3 and 5 in the northwest corner, and associated with them, shafts, ventilation shafts, and a smithy; as well as a coal level in the east of the area. Other extractive features in the area include gravel pits in the west of the area, and two unnamed quarries in the southwest. NB not linked to tramroad system, although there are links between the features internally, and in isolated position, so no clear association to any ironworks.

Condition

Survival in part of the area, although there has been some development running east-west through the area along the line of the modern A4232.

Area:	Surviving	Potential surviving	Percentage	Value
50.61	24.349	20.81	89.23%	B

ID Number	Name	Type
EA024	Maerdy Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SS9745198610	unknown	No

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Associated PRNs/NPRNs/SAMs/LBs

80554

Description

Small area depicted on 1st edition OS maps containing a coal shaft and a tramroad line which doesn't appear to extend beyond the area.

Condition

Destroyed, now largely built over

Area:	Surviving	Potential surviving	Percentage	Value
17.09	0	0	0	D

ID Number	Name	Type
EA025	Abergorky Quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SS9601698193	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		

Description

Extractive area depicted on 1st edition OS maps, includes Abergorky Colliery to the west of the area and associated features; two levels and a ventilation shaft, as well as Abergorky Quarry to the northeast, and an unnamed quarry to the southeast of the area. NB only visible tramroad connecting area runs to the southwest, out of the study area.

Condition

Southeast corner survives, potential survival in remainder of area as land appears unimproved

Area:	Surviving	Potential surviving	Percentage	Value
12.06	0.4724	11.16	96.45%	C

ID Number	Name	Type
EA026	Bwllfa Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SN9713402635	IW026	Yes
Associated PRNs/NPRNs/SAMs/LBs		
85001, 85003, 85002, 33698		

Description

Extractive area depicted on 1st edition OS maps, principal features include two collieries; Nant Melin in the east of the area, and Bwllfa to the west, along with their associated features; engine houses and smithies. Further extractive features in the area are a scattering of coal levels, in the north of the area, and three unnamed quarries, two in the north and one in the southwest corner.

Condition

Majority survives, there has been no development of the area as it is now part of the Dare Valley Country Park.

Area:	Surviving	Potential surviving	Percentage	Value
32.2	21.97	0	68.23%	B

ID Number	Name	Type
EA027	Rhigos Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SN9418804430	IW024	Yes

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Associated PRNs/NPRNs/SAMs/LBs

85007, 91588, 91587, 03232m, 05190m

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

Condition

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.

Area:	Surviving	Potential surviving	Percentage	Value
217.3	114.8	6.444	55.80%	B

ID Number

EA028

Name

Hughes's Patch

Type

Extractive Area

NGR

SN9320206170

Associated Ironworks

unknown (IW024?)

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

88071, 01795m

Description

Extractive area depicted on 1st edition OS maps labelled Hughes's Patch, also includes an Old Quarry, Gravel Pit and Old Ironstone Level in the northeast of the area, and a further Old Ironstone Level, and a Ventilation Shaft in the south part. Although no extant tramroads are depicted on 1st edition maps, the line of an "Old Tramroad" is marked within the area, although there is no link to any ironworks areas depicted on these maps.

Condition

Survives in south; north and east of area appear destroyed, now Hirwaun Industrial Estate

Area:	Surviving	Potential surviving	Percentage	Value
27.38	10.26	0	37.47%	B

ID Number

EA029

Name

Llwydcoed Quarries

Type

Extractive Area

NGR

SN9986407058

Associated Ironworks

IW025

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

03284m

Description

Small extractive area depicted on 1st edition OS maps, containing features related to the extraction of ironstone; two quarries and old level in the north of the area, and a further old level to the south.

Condition

Survival in most of area

Area:	Surviving	Potential surviving	Percentage	Value
8.455	7.771	0	91.91%	B

ID Number

EA030

Name

Pontbren Llwyd

Type

Extractive Area

NGR

SN9502008001

Associated Ironworks

unknown (IW024?)

Linked by tramroad

No

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Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Small extractive area depicted on 1st edition OS maps consisting of a single unnamed quarry. No linking tramroad depicted on these maps although a dismantled tramroad is shown on modern 1:10000 maps.

Condition

Appears to survive as area is undeveloped other than housing encroaching slightly on the east side.

Area:	Surviving	Potential surviving	Percentage	Value
4.518	3.813	0	84.40%	C

ID Number

EA031

Name

Cwar Mawr

Type

Extractive Area

NGR

SN9463008813

Associated Ironworks

IW024

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

308302, 308304

Description

Extractive area depicted on 1st edition OS maps containing large unlabelled quarries in the north and south of the area, two limekilns in the south, and a further small unnamed quarry and limekiln in the northeast of the area.

Condition

Survives in north, quarry later expanded to the east, possible survival in south

Area:	Surviving	Potential surviving	Percentage	Value
23.33	5.749	4.57	44.23%	B

ID Number

EA032

Name

Penderyn-foel

Type

Extractive Area

NGR

SN9365908589

Associated Ironworks

IW024

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

308305

Description

Extractive area depicted on 1st edition OS maps with a high density of individual extractive features; an "Old Quarry" to the north, two areas labelled "quarry" in the middle and southwest,

Condition

Survives almost completely

Area:	Surviving	Potential surviving	Percentage	Value
43.76	40.09	0	91.61%	B

ID Number

EA033

Name

Sych-pant-isaf

Type

Extractive Area

NGR

SO0096209710

Associated Ironworks

unknown

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

N/A

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Description

Extractive area depicted on 1st edition OS maps. Contains four limekilns and two quarries, in the north and south of the area, as well as small areas of earthworks depicted on the 1st edition maps, but unlabelled.

Condition

Possible survival, area partially wooded so largely obscured on Aps.

Area:	Surviving	Potential surviving	Percentage	Value
21.67	0	18.48	84.15%	U

ID Number

EA034

Name

Cadair Fawr Quarries

Type

Extractive Area

NGR

SN9783212830

Associated Ironworks

unknown (IW028?)

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

84761

Description

Extractive area depicted on 1st edition OS maps, labelled "quarries". Also contains five limekilns.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
27.26	27.26	0	100%	B

ID Number

EA035

Name

Llygad Cynon

Type

Extractive Area

NGR

SN9526508004

Associated Ironworks

IW024

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, containing two old quarries, one in the north and one in the south.

Condition

Appears to survive

Area:	Surviving	Potential surviving	Percentage	Value
2.238	2.238	0	100%	C

ID Number

EA036

Name

Quarries at Cwm Bargoed

Type

Extractive Area

NGR

SO0928305844

Associated Ironworks

outside study area

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Small extractive area depicted on 1st edition OS maps, consisting of an old level. Although linked by a tramroad on the 1st edition maps, this runs to the west, connecting to ironworks outside of current study area.

Condition

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Appears completely destroyed

Area:	Surviving	Potential surviving	Percentage	Value
2.809	0	0	0	D

ID Number	Name	Type
EA037	Trefil Quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1192413599	IW012, IW010a, b, c, IW011,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
306318, 05902g		

Description

Extractive area depicted on 1st edition OS maps dominated by the large area of Trefil Quarries. Additionally, there are smaller, unnamed quarries in the west and southwest of the area, and an

Condition

Majority of area survives, potential survival in remainder of area

Area:	Surviving	Potential surviving	Percentage	Value
77.28	15.37	61.85	99.92%	A

ID Number	Name	Type
EA038	Pen-bryn-oer Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1192009473	IW015a	No
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of an area of earthworks labelled as an old ironstone quarry. The northeast boundary of this area is defined by the Rhymney Valley Mineral Field, and immediately adjoins EA151.

Condition

Survival unlikely as majority of area has been opencast

Area:	Surviving	Potential surviving	Percentage	Value
11.99	0	0	0	D

ID Number	Name	Type
EA039	Bedwellty Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1539908848	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Quarry depicted on 1st edition OS maps

Condition

Appears destroyed

Area:	Surviving	Potential surviving	Percentage	Value
2.196	0	0	0	D

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ID Number	Name	Type
EA040	Rassa Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1499311668	IW014, IW013	Yes
Associated PRNs/NPRNs/SAMs/LBs		
05983g		
Description		
Small extractive area depicted on 1st edition OS maps consisting of one unnamed quarry.		
Condition		
Majority of area survives		
Area:	Surviving	Potential surviving
2.697	2.28	0
		Percentage Value
		84.54% B

ID Number	Name	Type
EA041	Tredegar Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1530110186	IW013, IW014	Yes
Associated PRNs/NPRNs/SAMs/LBs		
02337g, 06825g, 06826g, 06828g, 06830g, 06833g		
Description		
Large extractive area depicted on 1st edition OS maps, related to the extraction of coal, stone and ironstone. Contains a high number of discrete features; also the majority of area appears to be extractive, possibly surface workings, though unlabelled. Individual features include; coal levels, stone levels, coal shafts, ventilation shafts, old quarries, gravel pits, as well as a quarry labelled both coal and ironstone in the southeast of the area.		
Condition		
North of area has been opencast, survives in south, potential survival in the east		
Area:	Surviving	Potential surviving
210.9	28.55	9.276
		Percentage Value
		17.94% B

ID Number	Name	Type
EA042	Bryn-mawr Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1949311425	IW009a, IW009b, IW010a,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
402113, 86967, 305766, 305771, 05268g, 05896g, 06038g, 06039g, 06040g, 06790g, 08854g, MM264		
Description		
Very large general extractive area depicted on 1st edition OS maps. Contains a high number of unnamed coal and ironstone levels, limekilns, quarries, coal and ventilation shafts, and unlabelled.		
Condition		
Partially opencast in northeast corner, large area of survival in north, and on south east side.		
Area:	Surviving	Potential surviving
720.2	250.4	0
		Percentage Value
		34.77% A

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ID Number	Name	Type
EA043	Twyn-cynnordy	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1802211477	IW009a, IW009b, IW012	Yes
Associated PRNs/NPRNs/SAMs/LBs		

Description

Extractive area depicted on 1st edition OS maps. Includes unlabelled earthworks, levels and ventilation shafts, as well as Twyn-cynnordy Pit in the northwest, and Winch's Pit, both for coal extraction.

Condition

Survives in the west, destroyed elsewhere

Area:	Surviving	Potential surviving	Percentage	Value
26.07	0	7.765	29.79%	C

ID Number	Name	Type
EA044	Rhyd-y-blew	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1620011073	IW010a, IW010b, IW010c,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Small extractive area depicted on 1st edition OS maps including an unlabelled area of earthworks and an old coal shaft.

Condition

Likely destroyed, built over.

Area:	Surviving	Potential surviving	Percentage	Value
1.44	0	0	0	D

ID Number	Name	Type
EA045	Nant-yr-helygen	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1304411083	IW014	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Small extractive area depicted on 1st edition OS maps, including an old level and an area of unlabelled earthworks.

Condition

Likely destroyed, largely built over by housing.

Area:	Surviving	Potential surviving	Percentage	Value
3.886	0	0	0	D

ID Number	Name	Type
EA046	Sirhowy Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad

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SO1439110502 IW014 Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps including unlabelled earthworks and quarries, a ventilation shaft, smithy and coal shafts in the south of the area. This area immediately adjoins Sirhowy ironworks to the west.

Condition

Likely destroyed, built over

Area:	Surviving	Potential surviving	Percentage	Value
19.48	0	0	0	D

ID Number

EA047

Name

Nant-y-glo Extractive Area

Type

Extractive Area

NGR

SO1895110553

Associated Ironworks

IW009a

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, includes unlabelled areas of earthworks to the north and coal levels and old coal shafts in the south. This area immediately adjoins Nant-y-glo

Condition

Survival unlikely, built over.

Area:	Surviving	Potential surviving	Percentage	Value
11.56	0	0	0	D

ID Number

EA048

Name

Sychffos Quarry

Type

Extractive Area

NGR

SO1655410343

Associated Ironworks

IW010a, IW010b, IW010c

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, includes coal shafts to the southeast of the area an unlabelled areas of earthworks.

Condition

Likely destroyed,, built over

Area:	Surviving	Potential surviving	Percentage	Value
7.582	0	0	0	D

ID Number

EA049

Name

Dukestown Extractive Area

Type

Extractive Area

NGR

SO1372809939

Associated Ironworks

IW013, IW014

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps includes a number of features primarily

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associated with coal extraction; Quick Pit in the north, an old coal shaft in the west, Briggs Pit and Globe Pit in the south. In the west, there is also an old ironstone level, and a smithy in the south.

Condition

Likely destroyed, entirely built over and developed.

Area:	Surviving	Potential surviving	Percentage	Value
27.75	0	0	0	D

ID Number	Name	Type
EA050	Bryn-bach Pit	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1289310231	IW013, IW014	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of Bryn-bach coal pit to the south of the area.

Condition

Likely destroyed, southern part of area now wooded and occupied by a large pond in Bryn Bach Park.

Area:	Surviving	Potential surviving	Percentage	Value
16.22	0	0	0	D

ID Number	Name	Type
EA051	Ty'n-y-waun Gravel Pits	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0982410300	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of four gravel pits.

Condition

Potential survival in entire area

Area:	Surviving	Potential surviving	Percentage	Value
2.810	0	2.810	100%	U

ID Number	Name	Type
EA052	Tafarnau-bach Quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1207110180	IW013, IW014	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps, including a ventilation shaft, coal levels, unlabelled areas of earthworks and a quarry in the southwest labelled for both coal and

Condition

Survival unlikely

Area:	Surviving	Potential surviving	Percentage	Value
7.781	0	0	0	D

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ID Number	Name	Type
EA053	Blaina Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1984028935	IW007, IW00, IW009a,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Large extractive area depicted on 1st edition OS maps with a high density of industrial and extractive features, particularly related to coal extraction. Includes generic features such as ventilation shafts, coal shafts, ironstone shafts, coal levels, drift mines, quarries and limekilns. Additionally, there are several specifically named features; Nant-y-Glo deep pit for coal extraction in the northwest, Coalbrookvale deep pit, also for coal, to the west. In the south lie Trostre Pit and Griffin Pit, both for coal, and Glyn-milwr Pit for the extraction of both coal and ironstone.

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Condition

Survival unlikely in majority of area, potential survival in very small area in east.

Area:	Surviving	Potential surviving	Percentage	Value
93.87	0	0.704	0.75%	U

ID Number

EA054

Name

Coedcae Quarries

Type

Extractive Area

NGR

SO1976309805

Associated Ironworks

unknown

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Small area depicted on 1st edition OS maps showing an unlabelled area of earthworks and an unnamed old quarry.

Condition

Likely destroyed, area now entirely developed.

Area:	Surviving	Potential surviving	Percentage	Value
6.124	0	0	0	D

ID Number

EA055

Name

Bwlch-y-garn Pit

Type

Extractive Area

NGR

SO1783009267

Associated Ironworks

IW012

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

06492g, 06654g

Description

Extractive area depicted on 1st edition OS maps consisting of Bwlch-y-garn Coal Pit and an associated ventilation shaft

Condition

East part of area survives

Area:	Surviving	Potential surviving	Percentage	Value
5.449	2.888	0	53%	B

ID Number

EA056

Name

Pen-twyn Quarry, Ebbw Vale

Type

Extractive Area

NGR

SO1652309423

Associated Ironworks

IW010a, IW010b, IW010c,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, consisting of an ironstone quarry in the north and an old coal shaft to the south.

Condition

Small area of potential survival, otherwise unlikely, area now largely developed

Area:	Surviving	Potential surviving	Percentage	Value
11.39	0	0.4812	4.22%	U

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ID Number	Name	Type
EA057	Mountain Air Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1558909120	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Small unnamed quarry depicted on 1st edition OS maps		
Condition		
Survival unlikely other than small area of potential in north east.		
Area:	Surviving	Potential surviving
3.679	0	1.896
		Percentage Value
		51.54% U

ID Number	Name	Type
EA058	Mount Pleasant Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1521509172	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
06821g		
Description		
Small area labelled as an old quarry on 1st edition OS maps.		
Condition		
Appears to survive		
Area:	Surviving	Potential surviving
0.4964	0.4964	0
		Percentage Value
		100% B

ID Number	Name	Type
EA059	Old Rhymney Furnace: Bryn-brith & Nant Melyn Pits	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1138509196	IW015, IW015a	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Extractive area depicted on 1st edition OS maps containing features related to the extraction of both coal and ironstone. Includes, in the north of the area, Bryn-brith Pit, for both coal and ironstone, and a ventilation shaft and old level. Nant-melyn Pit, also for the extraction of both coal and ironstone, lies in the south of the area.		
Condition		
Small area of potential survival adjoining core ironworks area, otherwise destroyed, area has been almost entirely opencast.		
Area:	Surviving	Potential surviving
26.07	0	0.4102
		Percentage Value
		1.57% U

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ID Number EA060	Name Jepson's Pond Quarry	Type Extractive Area
NGR SO0852808907	Associated Ironworks unknown	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs 80459		

Description

Extractive area depicted on 1st edition OS maps consisting of an area of unlabelled earthworks. Lies on the Dowlais Extension of the London and North Western Railway, most likely associated ironworks are outside the study area.

Condition

North of area survives, earthworks visible on Aps and area labelled as a disused quarry on modern maps.

Area: 16.14	Surviving 7.685	Potential surviving 0	Percentage 47.61%	Value B
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ID Number EA061	Name Quarry at Scotch Peter's Reservoir	Type Extractive Area
NGR SO1578008899	Associated Ironworks unknown	Linked by tramroad No
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Small unnamed quarry depicted on 1st edition OS maps.

Condition

Survives

Area: 0.3281	Surviving 0.3281	Potential surviving 0	Percentage 100%	Value C
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ID Number EA062	Name Briery Hill Quarries	Type Extractive Area
NGR SO1642208908	Associated Ironworks IW010b?	Linked by tramroad No
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of three unnamed quarries, and a fourth unlabelled area of earthworks in the north of the area

Condition

Potential survival as area appears undeveloped

Area: 7.024	Surviving 0	Potential surviving 7.024	Percentage 100%	Value U
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ID Number EA063	Name Troed-rhiw-groes Quarries	Type Extractive Area
NGR SO1820408571	Associated Ironworks IW010a, IW010b, IW010c,	Linked by tramroad Yes

Southeast Wales Industrial Ironworks Landscapes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, consisting of two unnamed quarries, old coal levels, and Redash levels, also related to the extraction of coal.

Condition

Entirety of area survives

Area:	Surviving	Potential surviving	Percentage	Value
4.862	4.862	0	100%	C

ID Number

EA064

NGR

SO2118808740

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of an unnamed quarry and coal levels to the south.

Condition

Survival in majority of area, earthworks visible on Aps and both levels and quarry depicted on modern maps.

Area:	Surviving	Potential surviving	Percentage	Value
5.399	3.293	2.106	100%	C

ID Number

EA065

NGR

SO1691808304

Associated PRNs/NPRNs/SAMs/LBs

06533g, 06534g

Description

Extractive area depicted on 1st edition OS maps including shafts, limekilns, and Victoria Colliery in the southeast of the area. There are also three unnamed quarries in the west of the area. This large extractive area immediately adjoins IW010b to the north and IW011 to the south, while IW10c lies very close to the east.

Condition

West part survives, while the east of the area has been developed

Area:	Surviving	Potential surviving	Percentage	Value
42.24	9.551	0	22.61%	B

ID Number

EA066

NGR

SO1357407905

Associated PRNs/NPRNs/SAMs/LBs

06516g, 06852g

Name

Tir-gwladys Quarry

Associated Ironworks

unknown

Type

Extractive Area

Linked by tramroad

No

Name

Victoria Colliery and Quarries

Associated Ironworks

IW010a, IW010b, IW010c,

Type

Extractive Area

Linked by tramroad

Yes

Name

Cefn-goleu Quarry

Associated Ironworks

unknown

Type

Extractive Area

Linked by tramroad

No

Southeast Wales Industrial Ironworks Landscapes

Description

Small unnamed quarry depicted on 1st edition OS maps.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
2.115	2.115	0	100%	B

ID Number

EA067

Name

Ty-llwyn Quarry

Type

Extractive Area

NGR

SO1762607973

Associated Ironworks

IW010a, IW010b, IW010c

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Small extractive area depicted on 1st edition OS maps consisting of ventilation shafts and coal levels.

Condition

Partially survives

Area:	Surviving	Potential surviving	Percentage	Value
7.754	4.288	0	55.3%	C

ID Number

EA068

Name

Gwaelod-y-gelli quarries

Type

Extractive Area

NGR

SO1938707564

Associated Ironworks

IW007?

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

06993g

Description

Two quarries depicted on 1st edition OS maps, one small one in the south and a long strip of earthworks running for almost 1km north to south. Note, not connected to ironworks areas by tramroad but proximity suggests possible relationship to IW007.

Condition

Survives intact

Area:	Surviving	Potential surviving	Percentage	Value
13.85	13.85	0	100%	B

ID Number

EA069

Name

Hen-waun Colliery

Type

Extractive Area

NGR

SO2034207211

Associated Ironworks

IW007, IW008

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of Hen-waun colliery.

Condition

Likely destroyed

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Area:	Surviving	Potential surviving	Percentage	Value
11.16	0	0	0	D

ID Number	Name	Type
EA070	Tyn-y-fyd quarries, Victoria	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1736707254	IW010a, IW010b, IW010c,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of unlabelled earthworks.

Immediately adjoins Victoria Ironworks to the northwest.

Condition

Likely destroyed, now built over

Area:	Surviving	Potential surviving	Percentage	Value
13.3	0	0	0	D

ID Number	Name	Type
EA071	Domen-fawr quarries, Victoria	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1690607105	IW010a, IW010b, IW010c,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
06798g, 06799g, 06802g		

Description

Extractive area depicted on 1st edition OS maps, consisting of two unnamed quarries and an old coal level.

Condition

Survives almost entirely

Area:	Surviving	Potential surviving	Percentage	Value
7.767	6.959	0	89.6%	B

ID Number	Name	Type
EA072	Cwm Tyswg	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1311807265	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		

Description

Small extractive area depicted on 1st edition OS maps consisting of two gravel pits to the west, a trial level and an old ironstone level in the north.

Condition

Majority appears to survive in east and south

Area:	Surviving	Potential surviving	Percentage	Value
10.38	7.404	0	71.33%	C

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA073	Hafod-y-Mynydd	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1231107279	IW015	No
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Small extractive area depicted on 1st edition OS maps including two unnamed quarries and two areas of unlabelled earthworks in the south and an old coal level to the north. Not connected to tramroad network, but within 500m of ironworks IW015 suggesting association.

Condition

Partially survives in south, potential survival elsewhere, but within opencast area

Area:	Surviving	Potential surviving	Percentage	Value
8.575	1.046	7.036	94.25%	C

ID Number	Name	Type
EA074	Blaen-y-cwm	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1873807675	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
06497g		

Description

Extractive area depicted on 1st edition OS maps consisting of a small quarry and a coal level.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
1.566	1.566	0	100%	B

ID Number	Name	Type
EA075	Bryn-oer Patch	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1182808288	IW015	Yes
Associated PRNs/NPRNs/SAMs/LBs		
80462, 01038m		

Description

Large extractive area depicted on 1st edition OS maps consisting of earthworks covering large areas in the north labelled as old ironstone quarries. In the southwest of the area is Yard Pit, for the extraction of coal, while ventilation shafts, smaller unnamed quarries and shafts are distributed throughout the area. Note, the northeast boundary of this area respects the boundary of the Rhumney Valley mineral field.

Condition

Majority of area has been opencast, but some survival along the east fringe.

Area:	Surviving	Potential surviving	Percentage	Value
89.47	3.886	0	4.34%	B

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA076	Quarries at Raslas Pond	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0927907052	IW015, IW022	Yes
Associated PRNs/NPRNs/SAMs/LBs		
85570, 85569, 85547, 85546, 85522, 02984m, 02992m, 02998m, 02999m, 03001m		
Description		
Small extractive area depicted on 1st edition OS maps consisting of old quarries and a ventilation shaft. Although connected to tramroad network, most likely association is with ironworks outside the current study area.		
Condition		
Appears to survive		
Area:	Surviving	Potential surviving
2.858	2.858	0
		Percentage Value
		100% B

ID Number	Name	Type
EA077	Bedwellty Pits	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1534806049	IW013, IW014	Yes
Associated PRNs/NPRNs/SAMs/LBs		
33725, 02219g, 08869g, MM181		
Description		
Extractive area depicted on 1st edition maps consisting of Bedwellty Pits for the extraction of coal in the north, and unnamed quarries, old coal levels and the Bedwellty coal levels in the south.		
Condition		
Survives in northeast and southwest, potential survival elsewhere		
Area:	Surviving	Potential surviving
17.11	8.006	4.485
		Percentage Value
		46.79% A

ID Number	Name	Type
EA078	Troed-rhiw-gwar quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1584306780	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
Description		
Extractive area depicted on 1st edition maps consisting of four unlabelled quarries. Not linked to tramroad network.		
Condition		
Survives		
Area:	Surviving	Potential surviving
2.368	2.368	0
		Percentage Value
		100% C

ID Number	Name	Type
EA079	Coedcae-tillery Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2085206155	IW007, IW008, IW009a,	Yes

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Associated PRNs/NPRNs/SAMs/LBs

06583g, 07715g

Description

Extractive area depicted on 1st edition OS maps consisting of Coedcae-tillery Colliery levels nos 1 and 2 and a ventilation shaft.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
4.326	4.326	0	100%	B

ID Number

EA080

NGR

SO1774706557

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of Waun-lwyd Pits and trial shafts for coal. This extractive area lies directly on the Monmouthshire Railway Western Valleys Section, Beaufort Branch

Condition

Destroyed, built over

Area:	Surviving	Potential surviving	Percentage	Value
1.162	0	0	0	D

ID Number

EA081

NGR

SO2249306760

Associated PRNs/NPRNs/SAMs/LBs

06560g, 06561g, 06563g

Description

Small extractive area depicted on 1st edition OS maps consisting of a quarry, level, ventilation shaft and an area of unlabelled earthworks.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
2.322	2.322	0	100%	B

ID Number

EA082

NGR

SO2406806354

Associated PRNs/NPRNs/SAMs/LBs

33584

Description

Extractive area depicted on 1st edition OS maps consisting of Craig-ddu Quarry in the north, Varteg Hill Colliery

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in the southeast, as well as old quarries and old levels. This area is linked by a tramroad, but runs out of the current study area, so association is likely to be with ironworks complexes outside the study area.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
10.01	10.01	0	100%	B

ID Number

EA083

Name

Aber Gwrhyd

Type

Extractive Area

NGR

SO2221606473

Associated Ironworks

unknown

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

06982g

Description

Small extractive area depicted on 1st edition OS maps consisting of two unnamed quarries.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
2.492	2.492	0	100%	B

ID Number

EA084

Name

Cwm-tillery quarries

Type

Extractive Area

NGR

SO2213605862

Associated Ironworks

unknown

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

06552g, 06553g

Description

Extractive area depicted on 1st edition OS maps consisting of unnamed quarries, levels, a ventilation shaft, and a weighing machine.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
3.39	3.39	0	100%	B

ID Number

EA085

Name

Troed-rhiw-clawdd quarries

Type

Extractive Area

NGR

SO1738405973

Associated Ironworks

IW010a, IW010b, IW010c,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

06710g, 06711g, 06712g, 06713g

Description

Extractive area depicted on 1st edition OS maps including unnamed quarries, coal levels and a ventilation shaft.

Condition

Entirety of area survives

Area:	Surviving	Potential surviving	Percentage	Value
24.77	24.77	0	100%	B

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ID Number	Name	Type
EA086	Fochrhiw Extractive Area	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO0993305397	IW015, IW022	Yes
Associated PRNs/NPRNs/SAMs/LBs		
85532, 85531, 85530, 85529, 85528, 85555, 85553, 85551, 85832, 85556, 80576		
Description		
Extractive area depicted on 1st edition OS maps consisting of large areas of earthworks which appear to be extractive in nature, but are unlabelled. Includes Tunnel Pits, for coal extraction, in the northwest, coal pits numbered 1 and 2 to the southwest, and an old gravel pit to the northeast, and several old quarries, as well as a scattering of associated features; shafts, smithies, engine houses, ventilation shafts and coal levels. Note linked to tramroad network, but appears to be associated with ironworks complexes outside the current study area.		
Condition		
Survives in the north east		
Area:	Surviving	Potential surviving
35.48	8.264	0
		Percentage Value
		23.29% B

ID Number	Name	Type
EA087	Quarries and surface workings Mountain Ash and	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1420406103	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		
06722g, 06723g		
Description		
Small extractive area depicted on 1st edition OS maps consisting of an unnamed quarry and an old coal level.		
Condition		
Survives		
Area:	Surviving	Potential surviving
1.239	1.239	0
		Percentage Value
		100% B

ID Number	Name	Type
EA088	South Wales Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2168705871	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		
03184g		
Description		
Extractive area depicted on 1st edition maps consisting of the South Wales Colliery and associated structures, and an unnamed old quarry. This area lies on the Cwm Tillery Branch of the Western Valleys section of the Monmouthshire railway, but is not connected to any ironworks complexes within the current study area.		
Condition		
Appears destroyed		
Area:	Surviving	Potential surviving
9.744	0	0
		Percentage Value
		0 D

Southeast Wales Industrial Ironworks Landscapes

ID Number
EA089
NGR
SO2147105609
Associated PRNs/NPRNs/SAMs/LBs
06568g
Description
An extractive area depicted on 1st edition OS maps consisting of a string of 8 separately marked small unnamed quarries
Condition
Survival in entire area
Area:
5.268
Surviving
5.268
Potential surviving
0
Percentage
100%
Value
B

ID Number
EA090
NGR
SO2055205576
Associated PRNs/NPRNs/SAMs/LBs
06579g
Description
Extractive area depicted on 1st edition OS maps consisting of Rose Heyworth Colliery in the northwest, no 3 level of Coedcae-tillery Colliery in the northeast, as well as a shaft and small unnamed quarry.
Condition
Survives on east side, destroyed elsewhere
Area:
9.112
Surviving
1.893
Potential surviving
0
Percentage
20.77%
Value
B

ID Number
EA091
NGR
SO2006805386
Associated PRNs/NPRNs/SAMs/LBs
N/A
Description
Extractive area depicted on 1st edition OS maps, including three unnamed old quarries and an old coal level.
Condition
Survives in majority of area
Area:
6.117
Surviving
5.630
Potential surviving
0
Percentage
92.04%
Value
C

Southeast Wales Industrial Ironworks Landscapes

ID Number EA092	Name Gwrhyd Pit and Quarries	Type Extractive Area
NGR SO1122705606	Associated Ironworks IW015	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of Gwrhyd Coal Pit in the west, several small unnamed quarries, a coal level and a shaft.

Condition

Survives in the south of the area

Area: 31.04	Surviving 21.073	Potential surviving 0	Percentage 67.89%	Value C
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ID Number EA093	Name Varteg Hill Extractive Area	Type Extractive Area
NGR SO2569405413	Associated Ironworks IW002, IW003, IW004,	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs 33567, 85071, 85080, 400398, 67676, 67700, 67699, 67696, 67709, 67708, 67707, 67702, 67701, 04595g, 14,869(LB)		

Description

Large extractive area depicted on 1st edition OS maps including several major extractive features, relating to both coal and ironstone. These include the British Quarry, in the southwest of the area; Cwm-sychan and Lower Varteg Collieries in the west, Varteg Slope and Varteg Hill Colliery in the northeast, and Bracy's Pit, for the extraction of coal, disused by the 1st edition map.

Also includes features relating to the extraction of both coal and ironstone; slopes, shafts and levels, in addition to general features such as quarries, levels, trial shafts, slopes, mine kilns, ventilation shafts and limekilns.

Condition

Survives almost entirely

Area: 153.3	Surviving 109.063	Potential surviving 0	Percentage 71.14%	Value A
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ID Number EA094	Name Gelli-gaer Common Quarry	Type Extractive Area
NGR SO0973307298	Associated Ironworks IW015	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs 85607, 85606, 85544, 03027m, 03028m, 03029m		

Description

Area of earthworks, labelled on 1st edition OS as old quarries, also a ventilation shaft to the south

Condition

Complete survival

Area: 1.738	Surviving 1.738	Potential surviving 0	Percentage 100%	Value B
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Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA095	Cwm-afon Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2708805067	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Small quarry and associated limekiln depicted on 1st edition OS maps.		
Condition		
Complete survival		
Area:	Surviving	Potential surviving
2.068	2.068	0
		Percentage Value
		100% C

ID Number	Name	Type
EA096	Dyffryn Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1886304913	IW010a, IW010b, IW010c,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Extractive area depicted on 1st edition OS maps consisting of an unnamed quarry, a ventilation shaft and a coal level. This area is directly linked to the Beaufort branch of the Western Valleys Section of the Monmouthshire Railway.		
Condition		
Survives		
Area:	Surviving	Potential surviving
4.362	4.362	0
		Percentage Value
		100% C

ID Number	Name	Type
EA097	Tillery Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2179804749		Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Extractive area depicted on 1st edition OS maps consisting of two quarries, a ventilation shaft, and Tillery Colliery. This area lies on the Cwm Tillery Branch of the Western Valleys section of the		
Condition		
Potential survival in northeast, otherwise appears destroyed.		
Area:	Surviving	Potential surviving
7.478	0	1.033
		Percentage Value
		0 U

ID Number	Name	Type
EA098	Ty-llawn-bwn-march quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2253004895	unknown	Yes

Southeast Wales Industrial Ironworks Landscapes

Associated PRNs/NPRNs/SAMs/LBs

06463g, 06464g, 06539g

Description

Extractive area depicted on 1st edition OS maps including Tillery coal level, two quarries, a ventilation shaft and an old level. This area is linked to the Cwm Tillery Branch of the Western Valleys section of the Monmouthshire railway, but is not connected to any ironworks complexes within the current study area.

Condition

Complete survival

Area:	Surviving	Potential surviving	Percentage	Value
4.735	4.735	0	100%	B

ID Number

EA099

Name

Nant-y-mailor Quarry

Type

Extractive Area

NGR

SO2818804571

Associated Ironworks

IW004

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

07224g

Description

Quarry depicted on 1st edition OS maps.

Condition

Complete survival

Area:	Surviving	Potential surviving	Percentage	Value
4.935	4.935	0	100%	B

ID Number

EA100

Name

Lasgarn Wood Quarry

Type

Extractive Area

NGR

SO2724004507

Associated Ironworks

unknown

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Quarry and associated limekiln depicted on 1st edition OS maps.

Condition

Potential survival throughout area

Area:	Surviving	Potential surviving	Percentage	Value
0.1624	0	0.1624	0	U

ID Number

EA101

Name

Greenmeadow Quarry

Type

Extractive Area

NGR

SO2238314578

Associated Ironworks

unknown

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

06461g

Description

Greenmeadow coal level and ventilation shaft depicted on 1st edition OS maps.

Condition

Southeast Wales Industrial Ironworks Landscapes

Potential survival of entire area

Area:	Surviving	Potential surviving	Percentage	Value
0.835	0	0.835	0	U

ID Number	Name	Type
EA102	Dan-y-daren Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1590204770	IW013, IW014	Yes

Associated PRNs/NPRNs/SAMs/LBs

06716g

Description

Extractive area depicted on 1st edition OS maps consisting of an old level, and old quarry and Daren coal level. This area is connected to the Sirhowy branch of the London and North

Condition

Survives in west of area

Area:	Surviving	Potential surviving	Percentage	Value
5.714	4.497	0	78.7%	B

ID Number	Name	Type
EA103	Derllwyn Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1494504700	unknown	No

Associated PRNs/NPRNs/SAMs/LBs

06718g

Description

Small quarry depicted on 1st edition OS maps.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
0.4153	0.2783	0	67.01%	B

ID Number	Name	Type
EA104	Powell's Dyffryn Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1369604594	IW015	Yes

Associated PRNs/NPRNs/SAMs/LBs

80,464

Description

Extractive area depicted on 1st edition OS maps consisting of a quarry in the northeast of the area, and Powell's Dyffryn Colliery in the west.

Condition

Survives in the east

Area:	Surviving	Potential surviving	Percentage	Value
6.618	1.429	0	21.59%	B

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA105	Troed-y-rhiw-filwch quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1291704361	IW015	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area shown on 1st edition OS maps including Troed-y-rhiw-filwch coal level, an unnamed quarry, a ventilation shaft and an area of unlabelled earthworks.

Condition

Complete survival

Area:	Surviving	Potential surviving	Percentage	Value
7.244	7.244	0	100%	C

ID Number	Name	Type
EA106	Pont-gwaith-yr-haiarn Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1641704277	IW013, IW014	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Pont-gwaith coal level, depicted on 1st edition OS maps, connecting to the Sirhowy Branch of the London and North Western Railway.

Condition

Potential survival of entire area

Area:	Surviving	Potential surviving	Percentage	Value
3.928	0	3.928	100%	U

ID Number	Name	Type
EA107	Tir-bach quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1785404195	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Three old quarries depicted on 1st edition OS maps

Condition

Majority of area appears to survive

Area:	Surviving	Potential surviving	Percentage	Value
4.229	2.784	0	65.83%	C

ID Number	Name	Type
EA108	Cwm Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad

Southeast Wales Industrial Ironworks Landscapes

SO1798304301 IW010a, IW010b, IW010c, Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of Cwm Colliery, ventilation shafts, an old quarry and a coal level. This area lies on the Beaufort Branch of the Western Valleys

Section of the Monmouthshire Railway.

Condition

Majority of area appears to survive

Area:	Surviving	Potential surviving	Percentage	Value
5.116	4.171	0	81.53%	C

ID Number

EA109

Name

Abertillery Quarries

Type

Extractive Area

NGR

SO2206003824

Associated Ironworks

IW007, IW008, IW009a,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of a grouping of four quarries, an old coal level, and a trial level. Very close to the Monmouthshire section of the of Great Western Railways Western Valleys Line.

Condition

Almost entirely destroyed apart from a small area of survival in the north

Area:	Surviving	Potential surviving	Percentage	Value
5.934	0.4914	0	8.28%	C

ID Number

EA110

Name

Cwrt-yr-eos Quarry

Type

Extractive Area

NGR

SO2746403846

Associated Ironworks

IW003, IW004, IW005

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

07227g

Description

Old Quarry, unnamed, depicted on 1st edition OS maps.

Condition

Complete survival

Area:	Surviving	Potential surviving	Percentage	Value
0.1653	0.1653	0	100%	B

ID Number

EA111

Name

Twyn-y-ffrwd Quarry

Type

Extractive Area

NGR

SO2721503383

Associated Ironworks

IW003, IW004, IW005

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Southeast Wales Industrial Ironworks Landscapes

Old quarry and associated limekiln depicted on 1st edition OS maps.

Condition

Potential survival of entire area

Area:	Surviving	Potential surviving	Percentage	Value
2.617	0	2.492	95.22%	U

ID Number

EA112

Name

British Ironworks Extractive Area

Type

Extractive Area

NGR

SO2537303007

Associated Ironworks

IW003, IW004, IW005

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

85072, 85075, 02156g, 03187g, MM163

Description

Large extractive area depicted on 1st edition OS maps, including, in the northwest part of the area; Cwm-byrgwm Colliery, and, in the southwest, Morrison's Pit (for the extraction of coal,

Condition

Survives almost entirely, other than eastern edge

Area:	Surviving	Potential surviving	Percentage	Value
125.3	91.9	0	73.34%	A

ID Number

EA113

Name

Pont Gwaith-y-wyrlod

Type

Extractive Area

NGR

SO2167803494

Associated Ironworks

IW007, IW008, IW009a,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, consisting of old quarries, an old coal level and a ventilation shaft. Very close to the Monmouthshire Section of the Great Western Railways Western Valleys Line.

Condition

Area survives completely

Area:	Surviving	Potential surviving	Percentage	Value
2.848	2.848	0	100%	C

ID Number

EA114

Name

Hollybush Colliery

Type

Extractive Area

NGR

SO1654303638

Associated Ironworks

IW013, IW014

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Hollybush Colliery, depicted on 1st edition OS maps, lies on the Sirhowy Branch of the London and North Western Railway.

Condition

Majority of area survives

Area:	Surviving	Potential surviving	Percentage	Value
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Southeast Wales Industrial Ironworks Landscapes

6.769	4.225	0	62.42% C
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ID Number EA115 NGR SO1567403803 Associated PRNs/NPRNs/SAMs/LBs N/A Description Two old quarries depicted on 1st edition OS maps. Condition Survives	Name Tir-cwrt quarries Associated Ironworks unknown	Type Extractive Area Linked by tramroad No	
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Area:	Surviving	Potential surviving	Percentage Value
1.193	1.193	0	100% C

ID Number EA116 NGR SO1405203937 Associated PRNs/NPRNs/SAMs/LBs N/A Description Extractive area depicted on 1st edition OS maps, including two unnamed quarries and an old coal level. Condition All of area survives	Name Puddlers Farm Quarries Associated Ironworks IW015	Type Extractive Area Linked by tramroad Yes	
---	---	--	--

Area:	Surviving	Potential surviving	Percentage Value
2.15	2.15	0	100% C

ID Number EA117 NGR SO1373603558 Associated PRNs/NPRNs/SAMs/LBs N/A Description Extractive area depicted on 1st edition OS maps consisting of several unnamed quarries, ventilation shafts and coal levels. Condition Survives on west side, built over on the east side	Name Craig-Rhymney quarries Associated Ironworks IW015	Type Extractive Area Linked by tramroad Yes	
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Area:	Surviving	Potential surviving	Percentage Value
19.58	6.603	0	33.72% C

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA118	Brithdir quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1082204056	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of four unnamed quarries and two old coal levels. Very close to the Brecon and Merthyr Railway, but, as this line runs beyond the boundaries of the current study area, likely associations are with ironworks complexes outside the study area.

Condition

Complete survival

Area:	Surviving	Potential surviving	Percentage	Value
6.3	6.3	0	100%	C

ID Number	Name	Type
EA119	Bargoed Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1122603524	unknown	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps consisting of Bargoed Colliery, an unnamed quarry, ventilation shaft and level. Lies on the Brecon and Merthyr Railway, but, as this line runs beyond the boundaries of the current study area, likely associations are with ironworks complexes outside the study area.

Condition

West side survives, east side developed

Area:	Surviving	Potential surviving	Percentage	Value
2.875	1.572	0	54.68%	C

ID Number	Name	Type
EA120	Brithdir-uchaf quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1157803694		Yes
Associated PRNs/NPRNs/SAMs/LBs		
07499g		

Description

Extractive area depicted on 1st edition OS maps consisting of a small quarry and three coal levels. Very close to the Brecon and Merthyr Railway, but, as this line runs beyond the boundaries of the current study area, likely associations are with ironworks complexes outside the study area.

Condition

Appears destroyed

Area:	Surviving	Potential surviving	Percentage	Value
5.294	0	0	0	D

Southeast Wales Industrial Ironworks Landscapes

ID Number EA121	Name Ton-yr-efail-fach quarry	Type Extractive Area
NGR SO1912503228	Associated Ironworks IW010a, IW010b, IW010c,	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Extractive area depicted on 1st edition OS maps, consisting of an old quarry and an old coal level. This area lies on the Beaufort Branch of the Western Valleys Line.

Condition

Potential survival of whole area

Area:	Surviving	Potential surviving	Percentage Value
1.512	0	1.512	100% U

ID Number EA122	Name Arrail	Type Extractive Area
NGR SO2117203199	Associated Ironworks unknown	Linked by tramroad No
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Coal level depicted on 1st edition OS maps.

Condition

Majority of area appears to survive

Area:	Surviving	Potential surviving	Percentage Value
3.06	2.201	0	71.93% C

ID Number EA123	Name Pen-lascarn-isaf quarry	Type Extractive Area
NGR SO2818402849	Associated Ironworks No	Linked by tramroad
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Old quarry and (probably associated) old limekiln depicted on 1st edition OS maps.

Condition

Southeast corner survives, remainder landscaped and developed

Area:	Surviving	Potential surviving	Percentage Value
4.055	0.8494	0	20.95% C

ID Number EA124	Name Nant-y-gollen gravel pits	Type Extractive Area
NGR SO2891702709	Associated Ironworks unknown	Linked by tramroad No
Associated PRNs/NPRNs/SAMs/LBs N/A		

Southeast Wales Industrial Ironworks Landscapes

Description

Two gravel pits depicted on 1st edition OS maps.

Condition

Survives, except for small area in centre

Area:	Surviving	Potential surviving	Percentage	Value
2.177	1.74	0	79.93%	C

ID Number

EA125

Name

Ty-Dafydd Quarry

Type

Extractive Area

NGR

SO2289402411

Associated Ironworks

Linked by tramroad

No

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of an old level, an old quarry and three ventilation shafts.

Condition

Potential survival of all of area

Area:	Surviving	Potential surviving	Percentage	Value
3.126	0	3.126	0	U

ID Number

EA126

Name

Hafod Vane Colliery

Type

Extractive Area

NGR

SO2210103021

Associated Ironworks

IW007, IW008, IW009a,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

06432g, 06447g, 06448g, 07204g

Description

Extractive area depicted on 1st edition OS maps, including Hafod Vane Colliery, and Cwm Nant-y-groes coal level in the northeast of the area, as well as a balance pit for the extraction of coal, disused by the 1st edition OS. Additionally, there are several coal levels, coal shafts, quarries and ventilation shafts throughout the area.

Condition

Majority of area destroyed by development, small area of survival in south

Area:	Surviving	Potential surviving	Percentage	Value
23.69	3.39	0	14.31%	B

ID Number

EA127

Name

Craig yr Arail

Type

Extractive Area

NGR

SO2144102496

Associated Ironworks

IW007, IW008, IW009a,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps consisting of Arial coal level and a ventilation shaft.

Condition

Southeast Wales Industrial Ironworks Landscapes

Appears destroyed

Area:	Surviving	Potential surviving	Percentage	Value
2.112	0	0	0	D

ID Number	Name	Type
EA128	Whiterose Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1461702766	IW015	Yes
Associated PRNs/NPRNs/SAMs/LBs		
85089, 80463, 00976m, 01054m, 25495(LB)		

Description

Extractive area depicted on 1st edition OS maps, mainly containing features associated with the extraction of coal, specifically Tir-Phil Colliery, Whiterose Colliery, Brithdir Colliery, and Hope Colliery. In addition, there are several coal levels, ventilation shafts, coal shafts, engine houses and quarries.

Condition

Survives in southeast, potential survival in west, otherwise destroyed

Area:	Surviving	Potential surviving	Percentage	Value
29.32	2.758	6.924	33.02%	A

ID Number	Name	Type
EA129	Cil-haul Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1223702777		Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Description

Extractive area depicted on 1st edition OS maps, including Cil-haul Colliery, a ventilation shaft, engine house and smithy. This area lies on the Brecon and Merthyr Railway, but as this line runs out of the study area, any potential association is likely with ironworks complexes outside the present study area.

Condition

Appears destroyed

Area:	Surviving	Potential surviving	Percentage	Value
6.563	0	0	0	D

ID Number	Name	Type
EA130	Pen-y-fan Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1979802195	IW010a, IW010b, IW010c,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
06698g, 06701g		

Description

Extractive area depicted on 1st edition OS maps including Pen-y-fan Colliery, as well as levels, quarry, ventilation shaft. This area is connected to the Beaufort Branch of the Western Valleys Line.

Southeast Wales Industrial Ironworks Landscapes

Condition

Appears to survive

Area:	Surviving	Potential surviving	Percentage	Value
3.289	3.289	0	100%	B

ID Number

EA131

Name

Aber-byg Colliery

Type

Extractive Area

NGR

SO2090701911

Associated Ironworks

IW007, IW008, IW009a,

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Aber-byg Colliery, depicted on 1st edition OS maps. This area is at the junction of the Beaufort Branch, and the Monmouthshire section of the of Great Western Railways Western Valleys Line.

Condition

Appears destroyed

Area:	Surviving	Potential surviving	Percentage	Value
3.557	0	0	0	D

ID Number

EA132

Name

Tafarnau Bach Extractive Area and level

Type

Extractive Area

NGR

SO1196910458

Associated Ironworks

IW013, IW014, IW015

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Area of earthworks which appear to be extractive in nature, includes a coal level to the west of the area.

Condition

Destroyed, area developed, now Tafarnaubach Industrial Estate

Area:	Surviving	Potential surviving	Percentage	Value
11.69	0	0	0	D

ID Number

EA133

Name

Tranch Colliery and Quarries

Type

Extractive Area

NGR

SO2641901537

Associated Ironworks

IW004, IW005

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Area depicted on 1st edition OS maps, includes an old coal level, a ventilation shaft and an area of earthworks that appears extractive in nature but is unlabelled. Although a tramroad links this area, the line runs out of the study area so association is likely with complexes outside the study area.

Condition

No survival

Area:	Surviving	Potential surviving	Percentage	Value
5.493	0	0	0	D

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA134	Blaen-cyffin Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2294901632	unknown	No

Associated PRNs/NPRNs/SAMs/LBs

06408g, 06426g

Description

Extractive area depicted on 1st edition OS maps consisting of four old coal levels and an old quarry.

Condition

Partial survival of area

Area:	Surviving	Potential surviving	Percentage Value
8.97	3.043	0	33.92% B

ID Number	Name	Type
EA135	Blaen-cnwc quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2326101166	unknown	No

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Small extractive area depicted on 1st edition OS maps consisting of a quarry, two old coal levels and a ventilation shaft.

Condition

South part of area survives, potential survival in remainder of area

Area:	Surviving	Potential surviving	Percentage Value
3.653	3.046	1.874	83.38% C

ID Number	Name	Type
EA136	Farm Colliery	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2271200541	unknown	No

Associated PRNs/NPRNs/SAMs/LBs

06409g

Description

Farm Colliery depicted on 1st edition OS maps, disused by this date.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage Value
9.035	9.035	0	100% B

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA137	Swffryd-fach Coal Levels	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2263100013	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Three old coal levels depicted on 1st edition OS maps.		
Condition		
Survives		
Area:	Surviving	Potential surviving
5.092	5.092	0
		Percentage Value
		100% C

ID Number	Name	Type
EA138	Swffryd-ganol Quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
ST2239099511	IW007, IW008, IW009a,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
06435g, 06436g, 06438g		
Description		
Small extractive area depicted on 1st edition OS maps consisting of two quarries and two coal levels.		
Condition		
Survives in narrow area in the centre, landscaped to east and west		
Area:	Surviving	Potential surviving
3.022	1.257	0
		Percentage Value
		41.95% B

ID Number	Name	Type
EA139	Pen-rhiw quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2154001421	unknown	No
Associated PRNs/NPRNs/SAMs/LBs		
06411g		
Description		
Extractive area depicted on 1st edition OS maps consisting of three old coal levels and an old quarry.		
Condition		
Largely destroyed, other than small area of potential survival in northwest of area		
Area:	Surviving	Potential surviving
3.407	0	0.9023
		Percentage Value
		0 U

ID Number	Name	Type
EA140	Glan-y-dwr Quarries	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO2104801312	IW007, IW008, IW009a,	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		

Southeast Wales Industrial Ironworks Landscapes

Description

Three quarries depicted on 1st edition OS maps.

Condition

Appears destroyed

Area:	Surviving	Potential surviving	Percentage	Value
3.485	0	0	0	D

ID Number

EA141

Name

Argoed

Type

Extractive Area

NGR

ST1770499723

Associated Ironworks

IW013, IW014

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Three coal levels depicted on 1st edition OS maps.

Condition

Potential survival in most of area

Area:	Surviving	Potential surviving	Percentage	Value
4.143	0	2.7177	65.60%	U

ID Number

EA142

Name

Rhos-wen Colliery

Type

Extractive Area

NGR

SO1756500542

Associated Ironworks

IW013, IW014

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Hollybush Colliery and level depicted on 1st edition OS maps.

Condition

Potential survival of east and west parts of area

Area:	Surviving	Potential surviving	Percentage	Value
2.062	0	2.062	100%	U

ID Number

EA143

Name

Manmoel Colliery and Quarries

Type

Extractive Area

NGR

SO1826700834

Associated Ironworks

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Extractive area depicted on 1st edition OS maps, including Manmoel Colliery to the northwest, several quarries, and two levels. Although a tramroad links this area, it runs south, out of the study area, so associations are likely with complexes outside the current study area.

Condition

Complete survival

Area:	Surviving	Potential surviving	Percentage	Value
15.28	15.28	0	100%	C

Southeast Wales Industrial Ironworks Landscapes

ID Number EA144 NGR SO1627900827 Associated PRNs/NPRNs/SAMs/LBs N/A	Name Coed-y-brain Quarries Associated Ironworks unknown	Type Extractive Area Linked by tramroad No
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Description
 Extractive area depicted on 1st edition OS maps consisting of Coed-y-brain Quarry and two other unnamed quarries.

Condition
 Survives

Area:	Surviving	Potential surviving	Percentage Value
5.053	5.053	0	100% C

ID Number EA145 NGR SO1300200428 Associated PRNs/NPRNs/SAMs/LBs N/A	Name Bryncoch Quarries Associated Ironworks unknown	Type Extractive Area Linked by tramroad No
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Description
 Small extractive area depicted on 1st edition OS maps consisting of several quarries, old coal shafts and an old coal level.

Condition
 Survives

Area:	Surviving	Potential surviving	Percentage Value
4.535	4.535	0	100% C

ID Number EA146 NGR ST1602099554 Associated PRNs/NPRNs/SAMs/LBs N/A	Name Cwrt-coch Colliery Associated Ironworks IW015	Type Extractive Area Linked by tramroad Yes
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Description
 Cwrt-coch Colliery and an associated level, depicted on the 1st edition OS map.

Condition
 Northeast part of area survives, remainder destroyed

Area:	Surviving	Potential surviving	Percentage Value
11.98	7.405	0	61.81% C

Southeast Wales Industrial Ironworks Landscapes

ID Number EA147	Name Clawdd-trawscae Quarries	Type Extractive Area
NGR SO1186200019	Associated Ironworks unknown	Linked by tramroad No
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Small group of unnamed quarries depicted on the 1st edition OS maps.

Condition

Survives

Area:	Surviving	Potential surviving	Percentage	Value
4.843	4.843	0	100%	C

ID Number EA148	Name Darran Pit	Type Extractive Area
NGR SO1303401256	Associated Ironworks	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs N/A		

Description

Daran Coal Pit, depicted on the 1st edition OS map. This area lies on the Brecon and Merthyr Railway, but as this line runs out of the study area, any potential association is likely with ironworks complexes outside the present study area.

Condition

Majority of area survives

Area:	Surviving	Potential surviving	Percentage	Value
2.857	1.708	0	59.78%	C

ID Number EA149	Name Cefn-y-brithdir Colliery	Type Extractive Area
NGR SO1550501554	Associated Ironworks IW015	Linked by tramroad Yes
Associated PRNs/NPRNs/SAMs/LBs 80573, 80572		

Description

Extractive area depicted on 1st edition OS maps consisting of Cefn-y-brithdir Colliery to the west of the area, along with two associated shafts and two quarries.

Condition

Entirety of area survives

Area:	Surviving	Potential surviving	Percentage	Value
22.00	22.00	0	100%	B

ID Number EA150	Name Gwaelod-y-gelli	Type Extractive Area
NGR SO1999707477	Associated Ironworks IW007	Linked by tramroad Yes

Southeast Wales Industrial Ironworks Landscapes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Area of unlabelled earthworks which appear to be extractive

Condition

Appears destroyed, area has been landscaped.

Area:	Surviving	Potential surviving	Percentage	Value
4.165	0	0	0	D

ID Number

EA151

Name

Tredeggar Patch and Quarries

Type

Extractive Area

NGR

SO1387208594

Associated Ironworks

IW013, IW014

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

06732g, 06733g, 06740g, 06744g

Description

Large extractive area depicted on 1st edition OS maps, including a high number of extractive features relating to both coal and ironstone. To the north, Tredeggar Patch covers a large area of earthworks, while Mountain Pit, for the extraction of coal, is to the west of the area and Ashtree Pit, also for coal, is in the east. In the south of the area is Ty-trist Colliery. There is a large number of coal shafts throughout the area, as well as coal levels. Additionally, there are several quarries for the extraction either of ironstone or ironstone and coal.

Condition

Survival unlikely, other than a small area of potential survival in the south.

Area:	Surviving	Potential surviving	Percentage	Value
132.3	0	10.57	7.99%	U

ID Number

EA152

Name

Princetown Quarries

Type

Extractive Area

NGR

SO1148410216

Associated Ironworks

IW013, IW014, IW015

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Two old quarries depicted on 1st edition OS maps.

Condition

Appears destroyed by development

Area:	Surviving	Potential surviving	Percentage	Value
13.29	0	0	0	D

ID Number

EA153

Name

Twyn-carno Pit

Type

Extractive Area

NGR

SO1102308784

Associated Ironworks

IW015

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Southeast Wales Industrial Ironworks Landscapes

Description

Extractive area containing features mainly related to the extraction of coal; Twyn-carno Pit, depicted on 1st edition OS maps along with associated features; Twyn-carno Upper and Lower levels and a further two coal levels.

Condition

Does not appear to survive

Area:	Surviving	Potential surviving	Percentage	Value
10.27	0	0	0	D

ID Number

EA154

Name

Llechryd Quarry

Type

Extractive Area

NGR

SO1070509425

Associated Ironworks

IW015, IW015a

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

N/A

Description

Area depicted on 1st edition maps, appears to be extractive in nature, although it is entirely unlabelled.

Condition

Destroyed, area now developed

Area:	Surviving	Potential surviving	Percentage	Value
9.293	0	0	0	D

ID Number

EA155

Name

Rhymney Extractive Area

Type

Extractive Area

NGR

SO0888107583

Associated Ironworks

IW015

Linked by tramroad

Yes

Associated PRNs/NPRNs/SAMs/LBs

85580, 85601, 85586, 85582, 85542, 85520, 85519, 85518, 85517, 80579, 80578, 80577, 80455, 01320m, 02489m, 02490m, 03056m, 03057m, 02909m, 02910m, 02915m, 02917m, 03021m, 02920m, 02925m, 02930m, 02931m, 02932m, 02933m, 02936m, 02937m, 02938m, 02939m, 02940m, 02941m, 02942m, 02943m, 02944m, 02948m, 02949m, 02950m, 02952m, 02959m, 02961.0m, 02963m, 02969m, 02986m, 03006m, 03012m, 03033m, 03034m, 03035m, 03037m, 03045m, 03046m, 03048m, 03049m, 03050m, 03051m, 03052m, 03053m, 03055m, 04212m

Description

Large area depicted on 1st edition OS maps, heavily industrial and extractive in nature, with many features relating to the extraction of both ironstone and coal. The Rhymney Limestone Railway runs through the area, and in the east are Nant-llesg Pit, Bryn-pyllog and Pitwellt, for the extraction of ironstone. The southern part of the area contains Four Feet Pit and Raslas Pit, both for coal extraction, and Mine Pit No 1, for the extraction of ironstone. Mine Pit No 2, also for ironstone, lies to the west, as does Pant-y-waun Pit, for both coal and ironstone. All these have associated features, shafts, ventilation shafts and engine houses. Additionally, there are several individual unnamed quarries and levels for the extraction of either coal or ironstone.

Condition

Majority of area has been opencast, some survival in the southern part

Area:	Surviving	Potential surviving	Percentage	Value
325.9	28.618	0	8.78%	B

Southeast Wales Industrial Ironworks Landscapes

ID Number	Name	Type
EA156	Maerdy Quarry	Extractive Area
NGR	Associated Ironworks	Linked by tramroad
SO1186606641	IW015	Yes
Associated PRNs/NPRNs/SAMs/LBs		
N/A		
Description		
Small, unnamed quarry depicted on 1st edition OS maps.		
Condition		
Destroyed, area appears to have been landscaped		
Area:	Surviving	Potential surviving
1.676	0	0
Percentage	Value	
0	D	

Appendix II HER Extractive Features

PRN	NAME	NGR
00971m	NIXONS NORTH PIT	ST050990
FULL DESCRIPTION		
Open running waddle fan of C.1908 used for ventilation of mine. Attendant driving engines in adjacent engine house. This is the only surviving example in Wales.		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
Building	SAM (DS)	
PRN	NAME	NGR
00976m	ENGINE HOUSE & WINDING ENGINE, ELLIOT COLLIERY	SO147027
FULL DESCRIPTION		
Engine house at Elliot Colliery with winding engine still <i>in situ</i> . This site was being prepared in 1988 as part of a permanent exhibition, which was to include the renovation of the winding engine.		
TYPE		CONDITION
Engine house		Not known
FORM	SITE STATUS	SAM REF
Building	LBII*	
PRN	NAME	NGR
04700g	MARINE COLLIERY PUMPING ENGINE	SO1884504282
FULL DESCRIPTION		
A steam pumping engine built by Hathorn Davey of Leeds in 1893 and formerly used at Marine Colliery. It was installed there when the colliery was completed, in a chamber beneath the winding engine on the down cast shaft. The engine could deal with 50000 gallons of water per hour when working at 7 strokes/minute. The engine was rescued during site clearance operations and relocated to one side of a new car park, set on a concrete		
TYPE		CONDITION
Steam engine		Damaged
FORM	SITE STATUS	SAM REF
Other Structure	SAM	MM218
PRN	NAME	NGR
01054m	ELLIOT COLLIERY	SO144028
FULL DESCRIPTION		
2-storey rectangular stone building on level ground above the east bank of the river. On the East side are 6 arched windows and a door, all bricked up.		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
Building	SAM	GM168
PRN	NAME	NGR
01038m	Helid Colliery Rhymney	SO11510845
FULL DESCRIPTION		
Helid Colliery Rhymney Assessment 1990 -owned by the Rhumney Iron Company, was opened in 1842 but not mined for twenty-five years after this date. it was sunk to a depth of 156 feet and during its working life an upcast shaft was formed (Edwards 1974 p.51). This was one of the first collieries in the Rhumney area to have steam power and as such had an engine house noted by the Ordnance Survey surveyors in 1886. it finished		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
01039.1m	PONTWALBY POWER OPERATED 2 STAGE INCLINE	SN925075
FULL DESCRIPTION		
FORMER B48B: Tramroad incline on the Cefn Rhigos Tramroad		
TYPE		CONDITION
Tramroad		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
01056m	Helid Colliery	SO11340887
FULL DESCRIPTION		
Helid Colliery Rhymney Assessment 1990 - can be seen on the 1886 Ordnance Survey Map. It was not worked in the Twentieth Century.		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
01126m	DINAS INCLINE PLANE	SN9130107999
FULL DESCRIPTION		
Incline running up towards silica mines from area now occupied by Dinas car park		
TYPE		CONDITION
Inclined plane		Near Destroyed
FORM	SITE STATUS	SAM REF
Other Structure		0

PRN	NAME	NGR
01130m	MIDDLE DUFFRYN COLLIERY	SO031003
FULL DESCRIPTION		
Post-medieval colliery opened in 1843 and closed in 1893. It was situated in Aberdare Valley and utilised the existing canal and railway links. Ruinous structures still evident include the blacksmith's shop, engine house, chimney stacks, shafts, and fan housing.		
TYPE		CONDITION
Colliery		Near Destroyed
FORM	SITE STATUS	SAM REF
Building	0	0

PRN	NAME	NGR
01242m	BWLLFADARE NO1 COLLIERY	SN9702
FULL DESCRIPTION		
No further information available		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
Building	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
01241m DEEP DUFFRYN COLLIERY

NGR
ST04559950

FULL DESCRIPTION

Oldest working colliery in the coalfield. Purchased in 1857 but retained on a maintenance basis in connection with Bwllfa No.2 lower down the Dare Valley.

TYPE

Colliery

CONDITION

Not known

FORM

Other Structure

SITE STATUS

0

SAM REF

0

PRN **NAME**
01246m NO 3&4 MARDY PITS

NGR
SS96409990

FULL DESCRIPTION

In 1893 the Company decided to sink the No 3 pit. This was followed in 1914 by the No 4. In 1885, 81 people lost their lives in an explosion.

TYPE

Colliery

CONDITION

Not known

FORM

Other Structure

SITE STATUS

0

SAM REF

0

PRN **NAME**
01320m NL1 PEN-Y-FEDW

NGR
SO09700812

FULL DESCRIPTION

Old ironstone quarry, old on 1st Edition (1875) OS map and indicated on Dowlais Iron Company map of 1824, mostly reclaimed

TYPE

Quarry

CONDITION

Not known

FORM

0

SITE STATUS

0

SAM REF

0

PRN **NAME**
01354m DINAS INCLINE PLANE

NGR
SN913080

FULL DESCRIPTION

Ramp lies in a popular & scenic part of Coed-y-Rhaiadr forest. It has fallen into disrepair & has been closed due to its dangerous condition.

TYPE

Inclined plane

CONDITION

Near Destroyed

FORM

Other Structure

SITE STATUS

SAM REF

PRN **NAME**
01795m HUGHES PATHCES

NGR
SN92900600

FULL DESCRIPTION

Hughes Patches with remaining working faces and spoil heaps.

TYPE

Colliery

CONDITION

Not known

FORM

Other Structure

SITE STATUS

0

SAM REF

0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02122m	Dowlais Quarry, MERTHYR TYDFIL	SO0892709352
FULL DESCRIPTION		
Quarry marked as old quarry on the Third Edition (1919) Ordnance Survey map. (No further information available.) (01)		
TYPE		CONDITION
Quarry		Not Known
FORM	SITE STATUS	SAM REF
Documents	0	0

PRN	NAME	NGR
02156g	CWMBYRGWM COLLIERY	SO25210326
FULL DESCRIPTION		
No further information available		
TYPE		CONDITION
Colliery		Damaged
FORM	SITE STATUS	SAM REF
Building	SAM	MM163

PRN	NAME	NGR
02219g	INCLINE HAULAGE WINDING ENGINE, MYNYDD BEDWELLTY	SO153058
FULL DESCRIPTION		
No further information available		
TYPE		CONDITION
Winding engine		Near Destroyed
FORM	SITE STATUS	SAM REF
Other Structure	SAM	MM181

PRN	NAME	NGR
02337g	TY TRIST COLLIERY	SO14660907
FULL DESCRIPTION		
No further information available		
TYPE		CONDITION
Engine house		Destroyed
FORM	SITE STATUS	SAM REF
Building	0	0

PRN	NAME	NGR
02383m	TOWER COLLIERY HEADFRAME	SN92640427
FULL DESCRIPTION		
Tower Colliery was established by the Marquis of Bute in about 1870. The head frame dates from the 1930s and is of the steel lattice girder type, which currently survive at only 2 other sites in S Wales.		
TYPE		CONDITION
Colliery		Intact
FORM	SITE STATUS	SAM REF
Other Structure	LBII	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02384m	TOWER COLLIERY PITHEAD	SN92610427
FULL DESCRIPTION		
Tower Colliery was established by the Marquis of Bute in about 1870. The pit top is enclosed by an irregular single-storey brick building between the legs of the frame (2383M).		
TYPE		CONDITION
Colliery		Intact
FORM	SITE STATUS	SAM REF
Other Structure	LBII	0

PRN	NAME	NGR
02489m	NL5 PEN-Y-FEDW	SO09610798
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Infilled shaft associated with leat system NL3, dates from pre-1873		
TYPE		CONDITION
Shaft		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02490m	NL6	SO09800800
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Linear quarry scoop on edge of NL1, on 1st edition (1875) OS map		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02500.3m	SITE NAME NOT KNOWN	SN90900769
FULL DESCRIPTION		
FORMER D29b: Site of loading bay served by a balance incline on the Vale of Neath Railway, built/used 1858-1930s		
TYPE		CONDITION
Inclined plane		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02595m	CILHEPSTE-CERIG QUARRY	SN9276808880
FULL DESCRIPTION		
Quarry marked on OS 1891 OS map. Not marked on 1906 OS map.		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
Documents	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
03056m	NL150	SO10470730
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map of c. 1857, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03057m	NL151	SO10900715
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Two levels on Rhymney Iron Company map of c. 1857, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02909m	NL8	SO09910799
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376. Shown as scoop on 1st Edition (1875) OS map		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02910m	NL9	SO09970800
FULL DESCRIPTION		
Two interconnecting linear hollows at quarry edge, on 1st Edition (1875) OS map		
TYPE		CONDITION
Linear feature		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02915m	NL14	SO10110796
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Grassed-over conical tip on edge of quarry, on 1st Edition (1875) OS map and associated with NL13		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02917m	NL16	SO10130789
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Large sub-circular depression: pit or collapsed underground working, on 1st Edition (1875) OS map		
TYPE		CONDITION
Pit		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03021m	NL115	SO09390747
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Shallow pits and associated grassed-over spoil heaps, probably the remains of early ironstone patches, overlain on west by regraded spoil from Rhaslas Pit		
TYPE		CONDITION
Ironstone mine		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02920m	NL19	SO10240787
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Linear grassed over tips on 1st Edition (1875) OS map		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02925m	NL24	SO10300785
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Linear tips on 3rd Edition (1919) OS map		
TYPE		CONDITION
Linear feature		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02930m	NL28	SO10380767
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, within reclaimed area		
TYPE		CONDITION
Ventilation Shaft		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02931m	NL29	SO10370763
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Two old coal levels, one on 3rd Edition (1919) OS map, possibly the site of No.1 Helid Mine of c.1859 as appears on Rhymney Iron Company map, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02932m	NL30	SO10350786
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Ironworks map, showing workings 1837 1853, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02933m	NL31	SO10390756
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Ironworks map, showing workings 1837 1853, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02936m	NL34	SO10100771
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Area of reclaimed tips associated with quarry NL42		
TYPE		CONDITION
Spoil heap		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02937m	NL35	SO09910780
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Infilled airshaft, 3 iron anchor rods mark site of shaft, small rectangular dry-stone structure within spoil to north of shaft, on 1st Edition (1875) OS map, old airshaft on 3rd Edition (1919) OS map		
TYPE		CONDITION
Ventilation Shaft		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02938m	NL36	SO09970787
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Possible old shaft and associated tramline bed		
TYPE		CONDITION
Pit		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02939m	NL37	SO09770773
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Two conical tips, associated with quarry NL42, iron ore and coal waste, identified on 1st Edition (1875) OS map		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02940m	NL38	SO09860793
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Two pits, flooded and infilled, connected by small channel, possible shaft with header tank		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02941m	NL39	SO09760783
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Linear tipping lines on 1st Edition (1875) OS map		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02942m	NL40	SO10000790
FULL DESCRIPTION		
Area containing a number relict mining features, including pits, leats and possible shafts, some of which have been identified as separate sites		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN 02943m	NAME NL41	NGR SO09810782
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, the feature has been infilled and is now identifiable as a pond		
TYPE Ventilation Shaft		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02944m	NAME NL42	NGR SO09850767
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Area of ironstone quarrying, old quarry on OS 6-inch (1905) map, largely reclaimed		
TYPE Ironstone mine		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02948m	NAME NL46	NGR SO10150795
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map (1837 1853) on the "Patchwork on the Big Coal and Balls", within reclaimed area		
TYPE Colliery		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02949m	NAME NL47	NGR SO10070801
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map (1837 1853) on the "Patchwork on the Big Coal and Balls", within reclaimed area		
TYPE Colliery		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02950m	NAME NL48	NGR SO10010805
FULL DESCRIPTION Level on Rhymney Iron Company map (1837 1853) on the "Patchwork on the Big Coal and Balls", within reclaimed area		
TYPE Colliery		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

Southeast Wales Industrial Ironworks Landscapes

PRN 02952m	NAME NL50	NGR SO10880723
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map (1837 1853), on 1st Edition (1875) OS map as old level, within reclaimed area		
TYPE Colliery		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02956m	NAME NL54	NGR SO10790720
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Old ironstone level on 1st Edition (1875) OS map, Rhymney Iron Company map indicates the level was in-use during the 1850s, within reclaimed area		
TYPE Colliery		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02959m	NAME NL57 NEW DYFFRYN COLLIERY	NGR SO11100686
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 On 3rd Edition (1919) OS map, area cleared of remains by 1971, within reclaimed area		
TYPE Colliery		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02960m	NAME NL58	NGR SO11030670
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 In use on 3rd Edition 1919 OS map, associated with NL62, within reclaimed area		
TYPE Spoil heap		CONDITION Destroyed
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02961.0m	NAME NL59	NGR SO10780700
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Old ironstone quarry, on 1st Edition (1875) OS map and Rhymney Iron Company map c.1857 (Building Stone Quarry, showing incline), disused by 1919, associated tips to east partly reclaimed		
TYPE Quarry		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02962.0m	NL60	SO10700695
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Slightly quarried slopes above and west of leat NL53, grassed over		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02963m	NL61	SO11000683
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Old quarry on 1st Edition (1875) OS map		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02968m	NL66	SO10750675
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Shallow hollows within outcropping, probably the result of early mining		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02969m	NL67	SO11000653
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Old quarry shown on 1st Edition (1875) OS map		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02981m	NL76	SO10130647
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Small area of old quarry workings on outcrop		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN 02984m	NAME NL79	NGR SO08880725
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Small quarry on OS 6-inch 1st Edition (1876), in-filled and levelled		
TYPE Quarry		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02985m	NAME NL80	NGR SO09940642
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Old shallow diggings for stone, possibly associated with railway construction, now partly infilled with spoil and rubble		
TYPE Extractive pit		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02986m	NAME NL81	NGR SO09810782
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, probably spoil from railway cutting, the feature has been used to landscape adjacent landfill site		
TYPE Spoil heap		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02992g	NAME TY TRIST COLLIERY	NGR SO1506
FULL DESCRIPTION No further information available		
TYPE Colliery		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 02992m	NAME NL87	NGR SO09340690
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Spoil heaps south-east of and probably associated with the Rhaslas Pit, cut by NL91		
TYPE Spoil heap		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
02993g	BEDWELLTY	SO16200460
FULL DESCRIPTION		
No further information available		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02995g	MARINE COLLIERY	SO18850393
FULL DESCRIPTION		
No further information available		
TYPE		CONDITION
Colliery		Damaged
FORM	SITE STATUS	SAM REF
Other Structure	0	0

PRN	NAME	NGR
02998m	NL92	SO09270699
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Spoil heap south of and probably from Rhaslas Pit, grassed-over and cut by railway		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
02999m	NL93 RHASLAS PIT	SO09270702
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Ventilation shaft shown on 1st Edition (1875) OS map as old airshaft, named as Rhaslas Pit on 6-inch 2nd Edition (1901), capped with concrete		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03001m	NL95	SO08880725
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, quarry west of Rhaslas Houses, possibly originally a level with spoil tramroad and associated spoil heap (east of NL94)		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
03003m	NL97	SO09290717
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Spoil heaps lying west of NL82, grassed-over on 3rd Edition (1919) OS map		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03004m	NL98	SO09360720
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Pit c.18m NW-SE, c.1m deep not shown on 1st Edition (1875) OS map		
TYPE		CONDITION
Extractive pit		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03005m	NL99	SO09290723
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Spoil heap lying west of Rhaslas Pond shale		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03006m	NL100	SO08990745
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Remains of ironstone workings of shallow pits (patches) and associated spoil heaps, shown on 1st Edition (1875) OS map, now grassed over		
TYPE		CONDITION
Ironstone mine		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03012m	NL106	SO09160741
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Spoil heap, mainly furnace slag, shown on 1st Edition (1875) OS map		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
03025m	NL119	SO09500750
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Associated with iron ore workings, largely in reclaimed area		
TYPE		CONDITION
Spoil heap		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03026m	NL120	SO09560744
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Grassed over shallow pits and associated spoil, probably the remains of early ironstone patches		
TYPE		CONDITION
Ironstone mine		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03027m	NL121	SO09700734
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Spoil heap, probably associated with adjacent former railway cutting		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03028m	NL122	SO09750725
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Ventilation shaft east of Rhaslas Pond, on 1st Edition (1876) OS map as old shaft, capped with concrete		
TYPE		CONDITION
Ventilation Shaft		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03029m	NL123	SO09740725
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Spoil heap east of Rhaslas pond, associated with adjacent shaft NL122		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF
0	0	0

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PRN 03031m	NAME NL125	NGR SO09750714
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Stone quarry east of Rhaslas Pond, shallow stone quarries with associated spoil, probably connected with the construction of the adjacent dam		
TYPE Quarry		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 03032m	NAME NL126	NGR SO09830713
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Spoil heaps, shown on 1st Edition (1875) OS map		
TYPE Spoil heap		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 03033m	NAME NL127	NGR SO08940741
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Probable in-filled shaft to the south-west of Four Feet Pit, 5m in diameter, 2m deep		
TYPE Shaft		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 03034m	NAME NL128	NGR SO09110749
FULL DESCRIPTION GGAT Assessment Nant Llesg Opencast A376 Lower Four Feet Pit, sunk c.1850, named Four Feet Pit on 1st Edition (1875) OS map and Lower Four Feet on 2nd Edition (1901) OS map, engine house named on both maps, within reclaimed area		
TYPE Colliery		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 06857g	NAME SITE NAME NOT KNOWN	NGR SO1301808239
FULL DESCRIPTION Small quarry pit cut into north facing hillside, c20m diameter		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF

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PRN 06862g	NAME SITE NAME NOT KNOWN	NGR SO1326808381
FULL DESCRIPTION Circular quarry, c20m x 10m, cut into hillside		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06865g	NAME SITE NAME NOT KNOWN	NGR SO2208006617
FULL DESCRIPTION Semi-circular bank, enclosing an area of c60x60m, disturbed ground uphill may indicated quarrying debris		
TYPE Earthwork		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06869g	NAME SITE NAME NOT KNOWN	NGR SO1307708864
FULL DESCRIPTION Small quarry pit, c10m diameter		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06872g	NAME SITE NAME NOT KNOWN	NGR SO1447305447
FULL DESCRIPTION 2 adjacent quarries, each c10m diameter		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06873g	NAME SITE NAME NOT KNOWN	NGR SO1424207014
FULL DESCRIPTION Quarry, c100m diameter		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06876g	NAME SITE NAME NOT KNOWN	NGR SO1469106664
FULL DESCRIPTION Quarry, c40m diameter		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF

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PRN 06938g	NAME SITE NAME NOT KNOWN	NGR SO18580937
FULL DESCRIPTION Cluster of 2-3 possible circular pits		
TYPE Pit cluster		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06939g	NAME SITE NAME NOT KNOWN	NGR SO18980848
FULL DESCRIPTION Quarrying		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06992g	NAME SITE NAME NOT KNOWN	NGR SO19640686
FULL DESCRIPTION Level		
TYPE Adit		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 06993g	NAME SITE NAME NOT KNOWN	NGR SO19470707
FULL DESCRIPTION Level		
TYPE Adit		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 07000g	NAME SITE NAME NOT KNOWN	NGR SO15540393
FULL DESCRIPTION Quarry		
TYPE Quarry		CONDITION Not known
FORM	SITE STATUS	SAM REF
PRN 07497g	NAME SITE NAME NOT KNOWN	NGR SO1143804180
FULL DESCRIPTION Area of several levels cut into west facing slopes; recorded as "old levels" on 1901 map.		
TYPE Colliery		CONDITION
FORM	SITE STATUS	SAM REF

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PRN	NAME	NGR
07499g	SITE NAME NOT KNOWN	SO1151503935
FULL DESCRIPTION		
Area of quarrying in proximity to a coal level, recorded on 1901 map. Site appears to have fronted tramroad PRN 7,495.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07502g	SITE NAME NOT KNOWN	SO1306201709
FULL DESCRIPTION		
Quarry recorded on 1901 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07503g	SITE NAME NOT KNOWN	SO1295601933
FULL DESCRIPTION		
Quarry recorded on 1901 map, which appears to have been considerably extended this century.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07504g	SITE NAME NOT KNOWN	SO1287602023
FULL DESCRIPTION		
Quarry recorded as "old" on 1901 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06880g	SITE NAME NOT KNOWN	SO1448106885
FULL DESCRIPTION		
2 adjacent quarry pits, c4m diameter		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06881g	SITE NAME NOT KNOWN	SO1428306628
FULL DESCRIPTION		
Small quarry and tip		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

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PRN **NAME**
 06882g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry, c4m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1412307031

CONDITION
 Not known
SAM REF

PRN **NAME**
 06886g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Large spoil heap at end of BG520
TYPE
 Spoil heap
FORM **SITE STATUS**

NGR
 SO2184602187

CONDITION
 Not known
SAM REF

PRN **NAME**
 06898g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Quarry pit and spoil, c15 x 10m
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO2208201994

CONDITION
 Not known
SAM REF

PRN **NAME**
 06900g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Spoil heap, c2 x 10m
TYPE
 Spoil heap
FORM **SITE STATUS**

NGR
 SO2167802221

CONDITION
 Not known
SAM REF

PRN **NAME**
 02082m Limekiln at Pontbren Llwyd
FULL DESCRIPTION
 Two limekilns
TYPE
 Lime kiln
FORM **SITE STATUS**
 Other Structure

NGR
 SN98801195

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06905g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry, c10m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1607808379

CONDITION
 Not known
SAM REF

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PRN **NAME**
 06906g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry, c5m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1602408372

CONDITION
 Not known
SAM REF

PRN **NAME**
 06907g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry, c4m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1600108356

CONDITION
 Not known
SAM REF

PRN **NAME**
 06908g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry, c6m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1613408229

CONDITION
 Not known
SAM REF

PRN **NAME**
 06909g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Large quarry following contour
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1613408198

CONDITION
 Not known
SAM REF

PRN **NAME**
 06910g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Large quarry with tips, c45m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1611808053

CONDITION
 Not known
SAM REF

PRN **NAME**
 06911g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Large quarry with tips, c40m diameter
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO1614207790

CONDITION
 Not known
SAM REF

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PRN **NAME**
06912g SITE NAME NOT KNOWN
FULL DESCRIPTION
Series of quarry pits and spoil
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO1616807859

CONDITION
Not known
SAM REF

PRN **NAME**
06913g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry, c10m diameter
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO1624407502

CONDITION
Not known
SAM REF

PRN **NAME**
06915g SITE NAME NOT KNOWN
FULL DESCRIPTION
Small quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO1621807206

CONDITION
Not known
SAM REF

PRN **NAME**
06925g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO21050926

CONDITION
Not known
SAM REF

PRN **NAME**
06928g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarrying
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO15440902

CONDITION
Not known
SAM REF

PRN **NAME**
06930g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarrying
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO15740875

CONDITION
Not known
SAM REF

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PRN **NAME**
06931g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO15950880

CONDITION
Not known
SAM REF

PRN **NAME**
06932g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO16170880

CONDITION
Not known
SAM REF

PRN **NAME**
06934g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO16150814

CONDITION
Not known
SAM REF

PRN **NAME**
06969g SITE NAME NOT KNOWN
FULL DESCRIPTION
Small quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO20030490

CONDITION
Not known
SAM REF

PRN **NAME**
06970g SITE NAME NOT KNOWN
FULL DESCRIPTION
Small quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO20750369

CONDITION
Not known
SAM REF

PRN **NAME**
06971g SITE NAME NOT KNOWN
FULL DESCRIPTION
Small quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO20770370

CONDITION
Not known
SAM REF

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PRN **NAME**
 06972g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO20830354

CONDITION
 Not known
SAM REF

PRN **NAME**
 06973g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Series of small surface workings
TYPE
 Drift mine
FORM **SITE STATUS**

NGR
 ST22249916

CONDITION
 Not known
SAM REF

PRN **NAME**
 06975g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO19090478

CONDITION
 Not known
SAM REF

PRN **NAME**
 06976g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Small quarry
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO22300222

CONDITION
 Not known
SAM REF

PRN **NAME**
 06977g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Tip
TYPE
 Spoil heap
FORM **SITE STATUS**

NGR
 SO22850249

CONDITION
 Not known
SAM REF

PRN **NAME**
 06981g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Series of quarries/levels
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO22600529

CONDITION
 Not known
SAM REF

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PRN **NAME**
06982g SITE NAME NOT KNOWN
FULL DESCRIPTION
Area of quarrying
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO22230655

CONDITION
Not known
SAM REF

PRN **NAME**
06984g SITE NAME NOT KNOWN
FULL DESCRIPTION
Surface workings
TYPE
Drift mine
FORM **SITE STATUS**

NGR
SO22610386

CONDITION
Not known
SAM REF

PRN **NAME**
06985g SITE NAME NOT KNOWN
FULL DESCRIPTION
Cutting for track/inclined plane
TYPE
Trackway
FORM **SITE STATUS**

NGR
SO22510367

CONDITION
Not known
SAM REF

PRN **NAME**
06989g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO19850564

CONDITION
Not known
SAM REF

PRN **NAME**
06990g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO19980582

CONDITION
Not known
SAM REF

PRN **NAME**
06991g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level/workings
TYPE
Adit
FORM **SITE STATUS**

NGR
SO19480626

CONDITION
Not known
SAM REF

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PRN	NAME	NGR
07013g	SITE NAME NOT KNOWN	SO1847409665
FULL DESCRIPTION		
Small level in north side of Cefn Arail, 15m long, 5m wide		
TYPE		CONDITION
Adit		Near Intact
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07014g	SITE NAME NOT KNOWN	SO1849109498
FULL DESCRIPTION		
Quarry in Cefn Arail, 10m in diameter		
TYPE		CONDITION
Quarry		Near Intact
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07026g	Padell Pant Du Adit	SO21840780
FULL DESCRIPTION		
A large adit cut into the western side of Padell Pant Du. The feature is 5m wide at its SE end, some 2.0m deep and 20m in length. The adit has been cut into the hillside in three distinct levels.		
This site is well preserved and has been cut into the western side of Padell Pant Du. (01)		
TYPE		CONDITION
Adit		Not known
FORM	SITE STATUS	SAM REF
Earthworks		

PRN	NAME	NGR
07030g	SITE NAME NOT KNOWN	SO2179906785
FULL DESCRIPTION		
Quarry, c20m diameter, which has destroyed building BG256		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07204g	SITE NAME NOT KNOWN	SO2227502695
FULL DESCRIPTION		
Small quarry located W side of incline; access track runs in from west.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07209g	SITE NAME NOT KNOWN	SO1551909075
FULL DESCRIPTION		
Area of rough ground; site of linear quarries on N facing slopes in 19th century.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

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PRN	NAME	NGR
07210g	SITE NAME NOT KNOWN	SO1572608942
FULL DESCRIPTION		
Area of disused quarrying located NE of silted reservoir.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07211g	SITE NAME NOT KNOWN	SO1551408058
FULL DESCRIPTION		
Quarry north of council road through FE blocks.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07215g	SITE NAME NOT KNOWN	SO2013302383
FULL DESCRIPTION		
Embankment which presumably carried mineral railway from base of incline to meet mainline track.		
TYPE		CONDITION
Embankment		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07218g	SITE NAME NOT KNOWN	SO1895503040
FULL DESCRIPTION		
Colliery site recorded on 1901 map. Includes level, rectangular building, drum house , tramroad to valley floor & tramroad to upper levels.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07219g	SITE NAME NOT KNOWN	SO2156403645
FULL DESCRIPTION		
Air shaft recorded on 1st edition OS map.		
TYPE		CONDITION
Shaft		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07221g	SITE NAME NOT KNOWN	SO2134904028
FULL DESCRIPTION		
Quarrying on NE facing slopes.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

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PRN	NAME	NGR
07224g	SITE NAME NOT KNOWN	SO2822704669
FULL DESCRIPTION		
Large limestone quarry, recorded as disused on 1901 map. Site planted 1973, but few trees thriving.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07227g	SITE NAME NOT KNOWN	SO2746703838
FULL DESCRIPTION		
Disused & overgrown quarry on edge of larch. Cut in E, on edge of FE track, which was in use as a tramroad for the quarries.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03035m	NL129	SO09060752
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 A level, part of Four Feet Pit, possibly the Upper Four Feet Level driven c. 1800, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03037m	NL131	SO09250799
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Old Airshaft on 1st Edition (1875) OS map, removed by opencast		
TYPE		CONDITION
Ventilation Shaft		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03045m	NL139	SO10500813
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Site of old coal level, Race Lace Coal Level on Rhymney Ironworks map of c. 1857, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

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PRN	NAME	NGR
03046m	NL140	SO10000815
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Area of reclaimed workings and tips on Pen-y-fedw and Bryn Pyllog, shown on OS maps from 1873, reclaimed during the 1960s and 1970s		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03048m	NL142	SO10150811
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, possibly dating to the 1840s, within reclaimed area		
TYPE		CONDITION
Ventilation Shaft		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03049m	NL143	SO10640767
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, within reclaimed area		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03050m	NL144	SO10450745
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level shown on 1st Edition (1875) connected to level NL145 by tramroad, on Rhymney Ironworks map, showing workings 1837 1853, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03051m	NL145	SO10470732
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level shown on 1st Edition (1875) connected to level NL144 by tramroad, on Rhymney Ironworks map, showing workings 1837 1853, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

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PRN	NAME	NGR
03052m	NL146	SO10650742
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 On 1st Edition (1875) OS map, in addition to a number of associated features, within reclaimed area		
TYPE		CONDITION
Shaft		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03053m	NL147	SO10680730
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map of c. 1857, named as Black Mine and dating to c. 1841, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03054m	NL148	SO10450723
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map of c. 1857, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03055m	NL149	SO10500739
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Level on Rhymney Iron Company map of c. 1857, on Soap Vein and dating to around 1842, within reclaimed area		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF
0	0	0

PRN	NAME	NGR
03120m	178 COAL TIPPINGS, BLAENCARNO FARM	SO08900876
FULL DESCRIPTION		
These spoil-tips, which are still visible, are marked on the O.S. of 1880. They have been affected by the existing road.		
TYPE		CONDITION
Earthwork		Damaged
FORM	SITE STATUS	SAM REF

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PRN 03220g	NAME SITE NAME NOT KNOWN	NGR SO179007
FULL DESCRIPTION No further information available		
TYPE Engine house		CONDITION Not known
FORM Building	SITE STATUS 0	SAM REF 0

PRN 03221g	NAME DARBY ENGINE HOUSE	NGR SO172095
FULL DESCRIPTION No further information available		
TYPE Engine house		CONDITION Not known
FORM Building	SITE STATUS 0	SAM REF 0

PRN 03232m	NAME 274 KNOBBY DRIFT IRONSTONE PIT, JOHNSON PARK	NGR SN95590491
FULL DESCRIPTION This ironstone pit was served by a tramroad 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.		
TYPE Quarry		CONDITION Near Destroyed
FORM	SITE STATUS	SAM REF

PRN 03156m	NAME 174 VENTILATION/WATER SHAFTS, BLAENCARNO COMMON	NGR SO0988308910
FULL DESCRIPTION Located along the intermediate slopes of Blaencarno Common between the A465 and the Merthyr Common road are circular features that are associated with the mining industry, probably ventilation shafts.		
TYPE Earthwork		CONDITION Near Destroyed
FORM	SITE STATUS	SAM REF

PRN 03184g	NAME CWMTILLERY COLLIERY	NGR SO216058
FULL DESCRIPTION No further information available		
TYPE Colliery		CONDITION Not known
FORM 0	SITE STATUS 0	SAM REF 0

PRN 03187g	NAME SITE NAME NOT KNOWN	NGR SO24980335
FULL DESCRIPTION No further information available		
TYPE Chimney		CONDITION Not known
FORM	SITE STATUS	SAM REF

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0

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PRN 03284m	NAME LLECH SYCHRYD LEVEL	NGR SN9988207236
FULL DESCRIPTION Level marked on FE stock map. Not located during present survey.		
TYPE Colliery		
FORM	SITE STATUS	CONDITION Not known SAM REF

PRN 03437g	NAME NASH'S LEVEL, COITY	NGR SO23060653
FULL DESCRIPTION No further information available		
TYPE Colliery		
FORM	SITE STATUS	CONDITION Destroyed SAM REF
Other Structure	0	0

PRN 03563m	NAME SITE NAME NOT KNOWN	NGR SS9695998461
FULL DESCRIPTION Quarry as noted on OS 6 inch 2nd edition 1900 map		
TYPE Quarry		
FORM	SITE STATUS	CONDITION SAM REF

PRN 03729m	NAME SITE NAME NOT KNOWN	NGR SO0299802891
FULL DESCRIPTION Quarry as noted on FE stock map.		
TYPE Quarry		
FORM	SITE STATUS	CONDITION SAM REF

PRN 03730m	NAME SITE NAME NOT KNOWN	NGR SO0310402924
FULL DESCRIPTION Quarry as noted on FE stock map.		
TYPE Quarry		
FORM	SITE STATUS	CONDITION SAM REF

PRN 03731m	NAME SITE NAME NOT KNOWN	NGR SO0305403018
FULL DESCRIPTION Quarry as noted on FE stock map.		
TYPE Quarry		
FORM	SITE STATUS	CONDITION SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
03735m	SITE NAME NOT KNOWN	SO0307302360
FULL DESCRIPTION		
Quarry as noted on FE stock map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03736m	SITE NAME NOT KNOWN	SO0323002117
FULL DESCRIPTION		
Quarry as noted on FE stock map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03742m	SITE NAME NOT KNOWN	ST0534698975
FULL DESCRIPTION		
Level as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03818m	SITE NAME NOT KNOWN	SS9706897799
FULL DESCRIPTION		
Quarry as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03839m	SITE NAME NOT KNOWN	SS9686598570
FULL DESCRIPTION		
Quarries as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03840m	SITE NAME NOT KNOWN	SS9687598780
FULL DESCRIPTION		
Quarries as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
03843m	SITE NAME NOT KNOWN	SN9587801264
FULL DESCRIPTION		
Quarry as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03844m	SITE NAME NOT KNOWN	SN9729100012
FULL DESCRIPTION		
Quarry as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03850m	SITE NAME NOT KNOWN	SS9860499642
FULL DESCRIPTION		
Structure as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Structure		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03960m	SITE NAME NOT KNOWN	SO0227203778
FULL DESCRIPTION		
Level as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03962m	SITE NAME NOT KNOWN	SO0235303832
FULL DESCRIPTION		
Level as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
03965m	SITE NAME NOT KNOWN	SO0306802970
FULL DESCRIPTION		
Level as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN NAME 03969m SITE NAME NOT KNOWN FULL DESCRIPTION Air shaft as noted on OS 6 inch 2nd edition 1900 map. TYPE Shaft FORM SITE STATUS	NGR SO0298002887 CONDITION SAM REF
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PRN NAME 03925m SITE NAME NOT KNOWN FULL DESCRIPTION Quarry as noted on OS 6 inch 2nd edition 1900 map. TYPE Quarry FORM SITE STATUS	NGR ST0582398407 CONDITION SAM REF
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PRN NAME 03928m SITE NAME NOT KNOWN FULL DESCRIPTION Quarry as noted on OS 6 inch 2nd edition 1900 map. TYPE Quarry FORM SITE STATUS	NGR SO0441401929 CONDITION SAM REF
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PRN NAME 03930m SITE NAME NOT KNOWN FULL DESCRIPTION Air shaft as noted on OS 6 inch 2nd edition 1900 map. TYPE Shaft FORM SITE STATUS	NGR ST0526399151 CONDITION SAM REF
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PRN NAME 04040m SITE NAME NOT KNOWN FULL DESCRIPTION Level as noted on OS 6 inch 2nd edition 1900 map. TYPE Colliery FORM SITE STATUS	NGR ST0020599135 CONDITION SAM REF
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PRN NAME 04044m SITE NAME NOT KNOWN FULL DESCRIPTION Level as noted on OS 6 inch 2nd edition 1900 map. TYPE Colliery FORM SITE STATUS	NGR SS9932299308 CONDITION SAM REF
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Southeast Wales Industrial Ironworks Landscapes

PRN NAME 04046m SITE NAME NOT KNOWN FULL DESCRIPTION Shaft as noted on OS 6 inch 2nd edition 1900 map. TYPE Shaft FORM SITE STATUS	NGR SS9866899868 CONDITION SAM REF
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PRN NAME 04047m SITE NAME NOT KNOWN FULL DESCRIPTION Structure as noted on OS 6 inch 2nd edition 1900 map. TYPE Structure FORM SITE STATUS	NGR SS9889699662 CONDITION SAM REF
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PRN NAME 04048m SITE NAME NOT KNOWN FULL DESCRIPTION Structure as noted on OS 6 inch 2nd edition 1900 map. TYPE Structure FORM SITE STATUS	NGR SS9910299681 CONDITION SAM REF
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PRN NAME 03955m SITE NAME NOT KNOWN FULL DESCRIPTION Trial shaft as noted on OS 6 inch 2nd edition 1900 map. TYPE Shaft FORM SITE STATUS	NGR SO0242303842 CONDITION SAM REF
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PRN NAME 03956m SITE NAME NOT KNOWN FULL DESCRIPTION Trial level as noted on OS 6 inch 2nd edition 1900 map. TYPE Colliery FORM SITE STATUS	NGR SO0250503884 CONDITION SAM REF
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PRN NAME 03959m SITE NAME NOT KNOWN FULL DESCRIPTION Trial shaft as noted on OS 6 inch 2nd edition 1900 map. TYPE Shaft FORM SITE STATUS	NGR SO0219104054 CONDITION SAM REF
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Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
04027m	SITE NAME NOT KNOWN	SO0195000048
FULL DESCRIPTION		
Structure as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Structure		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
04093m	SITE NAME NOT KNOWN	SS9995597728
FULL DESCRIPTION		
Quarry as noted on OS 6 inch 2nd edition 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
04212m	NL39	SO09970787
FULL DESCRIPTION		
GGAT Assessment Nant Llesg Opencast A376 Possible old shaft and associated tramline bed. See also PRN 02938m.		
TYPE		CONDITION
Linear feature		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
04595g	ETM STEEL FABRICATION COLLIERY ENGINE HOUSE (FORMER)	SO25370396
FULL DESCRIPTION		
Built c1900. It contained a fan engine driving a Waddle fan on the SW end of the building, a winding engine for a shaft to the SE, and compressors and generators. It is an unusually early example of a combined engine house in which 2 or more functions were performed; an economical design embraced more fully in the following decades.		
TYPE		CONDITION
Engine house		Intact
FORM	SITE STATUS	SAM REF
Building	LBII	0

PRN	NAME	NGR
05268g	A185 DESK-BASED ASSESSMENT H2	SO18601260
FULL DESCRIPTION		
A185 DESK-BASED ASSESSMENT A465 ABERGAVENNY TO HIRWAUN DUALLING The second site (H2 [Fig. 10]) is located north of Brynmawr and consists of an area of ironstone opencast workings.		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
0	0	0

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
05270g	SITE NAME NOT KNOWN	SO22110040
FULL DESCRIPTION		
Inclined planes leading from Union Foundry. Now re-used as road.		
TYPE		CONDITION
Inclined plane		Damaged
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
05896g	CLYDACH COAL LEVELS	SO2007112178
FULL DESCRIPTION		
"A pair of well preserved and dated coal levels with a tramroad connection to the Clydach Railroad. The levels were owned and operated by the Brecon Boat Company, the principal trader on the Brecknock and Abergavenny Canal, to which the Clydach Railroad was completed in 1795. The Brecon Boat Company was granted permission to build a branch from Clydach Bridge to their new colliery nearby on 19 November 1812, at a cost of		
TYPE		CONDITION
LEVEL		Damaged
FORM	SITE STATUS	SAM REF
Earthwork	SAM	MM264

PRN	NAME	NGR
05902g	SITE WA5	SO1228712965
FULL DESCRIPTION		
Wessex Assessment 1998 The small revetted recess (OS NGR SO 12287 12965: 445 m aOD) to the north of the enclosure measures c. 1.4 m wide and up to 2 m long (Plate 211). Although now filled with slumped material, it was probably originally at least 0.8 m deep at the rear (Plate 213). It is probable that the original base was level, and building rubble in the immediate area (including a 3-sided precast concrete box) suggests that the recess		
TYPE		CONDITION
Earthwork		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
05983g	135 QUARRY AND DRYSTONE WALLING, NANT Y CROFT	SO15001160
FULL DESCRIPTION		
A limestone quarry partially enclosed by drystone walling. Part of the walling has been removed to the NE through quarrying activities suggesting that the quarrying is later than the drystone walling.		
TYPE		CONDITION
Quarry		Near Destroyed
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06038g	128 DRIFT MINES, GARN LYDAN	SO17021230
FULL DESCRIPTION		
To the south of the A465 and opposite a modern housing estate are at least three linear platforms extending at least 80 metres, which cut into a north facing slope. These are considered to be local coal terraces, possibly dating to this century.		
TYPE		CONDITION
Mine		Near Destroyed
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
06039g	127 CWM GWYBEDOG PATCHES AND LEATS, GARN LYDAN	SO16941240

FULL DESCRIPTION

An open expanse of early 19th century patch workings used for the localised extraction of outcropped iron ore and coal which served the Ebbw Vale and Beaufort Ironworks. Scratched into the surface are a number of watercourses and earthworks. To the east

TYPE		CONDITION
Earthwork		Damaged
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06040g	126 COAL WORKINGS AND QUARRYING, BRYNMAWR	SO18001270

FULL DESCRIPTION

From Garn Lydan to Clydach Bridge there are extensive areas of disused coal and ironstone workings. The O.S. of the 1880's records this area as a unbroken mass of industrial activity.

TYPE		CONDITION
Quarry		Near Destroyed
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06407g	SITE NAME NOT KNOWN	SO225016

FULL DESCRIPTION

Mine and rubbish tip

TYPE		CONDITION
Mine		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06408g	SITE NAME NOT KNOWN	SO22950176

FULL DESCRIPTION

Mine and rubbish tip

TYPE		CONDITION
Mine		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06409g	SITE NAME NOT KNOWN	SO22850058

FULL DESCRIPTION

Mine and rubbish tip

TYPE		CONDITION
Mine		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06411g	SITE NAME NOT KNOWN	SO214014

FULL DESCRIPTION

Spoil/slag heap

TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06414g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO23050055

CONDITION
Destroyed
SAM REF

PRN **NAME**
06416g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO23110102

CONDITION
Near Intact
SAM REF

PRN **NAME**
06417g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO22760146

CONDITION
Not known
SAM REF

PRN **NAME**
06419g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO21290172

CONDITION
Not known
SAM REF

PRN **NAME**
06420g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO21400179

CONDITION
Destroyed
SAM REF

PRN **NAME**
06421g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine, slag heap
TYPE
Mine
FORM **SITE STATUS**

NGR
SO21950178

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06422g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO22060182

CONDITION
Not known
SAM REF

PRN **NAME**
06423g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO22090179

CONDITION
Not known
SAM REF

PRN **NAME**
06424g SITE NAME NOT KNOWN
FULL DESCRIPTION
Trial level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO21650220

CONDITION
Not known
SAM REF

PRN **NAME**
06425g SITE NAME NOT KNOWN
FULL DESCRIPTION
Tramroad or inclined plane associated with mine BG054
TYPE
Tramroad
FORM **SITE STATUS**

NGR
SO21060185

CONDITION
Damaged
SAM REF

PRN **NAME**
06426g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine and slag heap
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO22920169

CONDITION
Not known
SAM REF

PRN **NAME**
06427g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO23280236

CONDITION
Destroyed
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN NAME 06428g SITE NAME NOT KNOWN FULL DESCRIPTION Air shaft TYPE Ventilation Shaft FORM SITE STATUS	NGR SO22860236 CONDITION Destroyed SAM REF
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PRN NAME 06253g SITE NAME NOT KNOWN FULL DESCRIPTION Inclined planes leading up from Cwm Cuffin towards Llanhilleth. TYPE Inclined plane FORM SITE STATUS	NGR SO21840071 CONDITION Not known SAM REF
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PRN NAME 06567g SITE NAME NOT KNOWN FULL DESCRIPTION May be the same as PRN 03184g, South Wales Colliery TYPE Colliery FORM SITE STATUS	NGR SO21480603 CONDITION Not known SAM REF
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PRN NAME 06568g SITE NAME NOT KNOWN FULL DESCRIPTION Mine, site now occupied by Top Rows TYPE Mine FORM SITE STATUS	NGR SO21380592 CONDITION Destroyed SAM REF
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PRN NAME 06571g SITE NAME NOT KNOWN FULL DESCRIPTION Mine, may be part of BG202 TYPE Mine FORM SITE STATUS	NGR SO21380539 CONDITION Not known SAM REF
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PRN NAME 06572g SITE NAME NOT KNOWN FULL DESCRIPTION Mine, may be part of BG203 TYPE Mine FORM SITE STATUS	NGR SO21380539 CONDITION Not known SAM REF
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Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06573g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO21340528

CONDITION
Destroyed
SAM REF

PRN **NAME**
06299g SITE NAME NOT KNOWN
FULL DESCRIPTION
Tramroad running from upper end of Inclined Planes BG06 eastwards past Blaen Cuffin, perhaps to levels BG43, now fossilised as roadway and track
TYPE
Tramroad
FORM **SITE STATUS**

NGR
SO21970179

CONDITION
Damaged
SAM REF

PRN **NAME**
06430g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO21790219

CONDITION
Destroyed
SAM REF

PRN **NAME**
06431g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO22060231

CONDITION
Destroyed
SAM REF

PRN **NAME**
06432g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO22340256

CONDITION
Not known
SAM REF

PRN **NAME**
06434g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
ST22449898

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
 06435g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Mine and spoil heap
TYPE
 Colliery
FORM **SITE STATUS**

NGR
 ST22369949

CONDITION
 Not known
SAM REF

PRN **NAME**
 06436g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Level
TYPE
 Adit
FORM **SITE STATUS**

NGR
 ST22359944

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06437g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Level
TYPE
 Adit
FORM **SITE STATUS**

NGR
 ST22089926

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06438g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Level
TYPE
 Adit
FORM **SITE STATUS**

NGR
 ST22389940

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06445g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Air shaft
TYPE
 Ventilation Shaft
FORM **SITE STATUS**

NGR
 SO23040359

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06446g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Air shaft
TYPE
 Ventilation Shaft
FORM **SITE STATUS**

NGR
 SO23100363

CONDITION
 Destroyed
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06447g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine and slag heap
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO22900361

CONDITION
Not known
SAM REF

PRN **NAME**
06448g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal mine
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO22820349

CONDITION
Destroyed
SAM REF

PRN **NAME**
06449g SITE NAME NOT KNOWN
FULL DESCRIPTION
Two levels
TYPE
Adit
FORM **SITE STATUS**

NGR
SO22830345

CONDITION
Not known
SAM REF

PRN **NAME**
06456g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO22140418

CONDITION
Not known
SAM REF

PRN **NAME**
06457g RHIW PARK QUARRY
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO22180419

CONDITION
Not known
SAM REF

PRN **NAME**
06458g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine and slag heap
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO22490432

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
 06460g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Air shaft
TYPE
 Ventilation Shaft
FORM **SITE STATUS**

NGR
 SO22320456

CONDITION
 Not known
SAM REF

PRN **NAME**
 06461g GREENMEADOW LEVEL
FULL DESCRIPTION
 Level
TYPE
 Adit
FORM **SITE STATUS**

NGR
 SO22370457

CONDITION
 Damaged
SAM REF

PRN **NAME**
 06463g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Quarry
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO22520475

CONDITION
 Not known
SAM REF

PRN **NAME**
 06464g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Mine and slag heap
TYPE
 Colliery
FORM **SITE STATUS**

NGR
 SO22480485

CONDITION
 Not known
SAM REF

PRN **NAME**
 06476g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Trial level
TYPE
 Adit
FORM **SITE STATUS**

NGR
 SO22260854

CONDITION
 Not known
SAM REF

PRN **NAME**
 06489g RED ASH LEVELS
FULL DESCRIPTION
 Small level driven into the hillside, connected by tramroads (BG125 and BG126) to spoil tips and valley floor..
TYPE
 Adit
FORM **SITE STATUS**

NGR
 SO18290830

CONDITION
 Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
06492g	BWLCH-Y-GARN PIT	SO17840925
FULL DESCRIPTION		
Coal mine		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06497g	SITE NAME NOT KNOWN	SO18640777
FULL DESCRIPTION		
Coal level		
TYPE		CONDITION
Colliery		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06503g	SITE NAME NOT KNOWN	SO18570900
FULL DESCRIPTION		
Quarry		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06506g	SITE NAME NOT KNOWN	SO18161032
FULL DESCRIPTION		
Quarry/level		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06509g	SITE NAME NOT KNOWN	SO12620918
FULL DESCRIPTION		
Air shaft		
TYPE		CONDITION
Ventilation Shaft		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06516g	SITE NAME NOT KNOWN	SO13550790
FULL DESCRIPTION		
Tip		
TYPE		CONDITION
Spoil heap		Not known
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
 06533g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Quarry
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO16600835

CONDITION
 Not known
SAM REF

PRN **NAME**
 06534g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Quarry
TYPE
 Quarry
FORM **SITE STATUS**

NGR
 SO16650825

CONDITION
 Not known
SAM REF

PRN **NAME**
 06536g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Coal level
TYPE
 Colliery
FORM **SITE STATUS**

NGR
 SO22740496

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06537g TILLERY LEVEL
FULL DESCRIPTION
 Coal level
TYPE
 Colliery
FORM **SITE STATUS**

NGR
 SO22680500

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06538g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Air shaft
TYPE
 Ventilation Shaft
FORM **SITE STATUS**

NGR
 SO22480502

CONDITION
 Destroyed
SAM REF

PRN **NAME**
 06539g SITE NAME NOT KNOWN
FULL DESCRIPTION
 Disused mine on 1880 map
TYPE
 Mine
FORM **SITE STATUS**

NGR
 SO22540502

CONDITION
 Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06540g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO22700510

CONDITION
Destroyed
SAM REF

PRN **NAME**
06543g PULLINGER'S LEVEL
FULL DESCRIPTION
Coal level
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO21780496

CONDITION
Not known
SAM REF

PRN **NAME**
06547g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO22130508

CONDITION
Destroyed
SAM REF

PRN **NAME**
06548g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal level
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO22160506

CONDITION
Destroyed
SAM REF

PRN **NAME**
06552g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO22050578

CONDITION
Not known
SAM REF

PRN **NAME**
06553g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal level
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO22030584

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN NAME 06555g SITE NAME NOT KNOWN FULL DESCRIPTION Air shaft TYPE Ventilation Shaft FORM SITE STATUS	NGR SO22210590 CONDITION Destroyed SAM REF
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PRN NAME 06557g SITE NAME NOT KNOWN FULL DESCRIPTION Possible quarry or level, survives as earthworks TYPE Earthwork FORM SITE STATUS	NGR SO22100603 CONDITION Not known SAM REF
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PRN NAME 06558g SITE NAME NOT KNOWN FULL DESCRIPTION Level, survives as earthwork TYPE Earthwork FORM SITE STATUS	NGR SO22240670 CONDITION Not known SAM REF
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PRN NAME 06559g GWRHYD-BACH FULL DESCRIPTION Unnamed on 1880 map TYPE Building FORM SITE STATUS	NGR SO22200670 CONDITION Near Intact SAM REF
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PRN NAME 06560g SITE NAME NOT KNOWN FULL DESCRIPTION Level, survives as earthwork TYPE Earthwork FORM SITE STATUS	NGR SO22570670 CONDITION Not known SAM REF
--	---

PRN NAME 06561g SITE NAME NOT KNOWN FULL DESCRIPTION Air shaft TYPE Ventilation Shaft FORM SITE STATUS	NGR SO22590669 CONDITION Not known SAM REF
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Southeast Wales Industrial Ironworks Landscapes

PRN 06563g FULL DESCRIPTION Mine TYPE Mine FORM	NAME SITE NAME NOT KNOWN SITE STATUS	NGR SO22420688 CONDITION Not known SAM REF
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PRN 06579g FULL DESCRIPTION Mine TYPE Mine FORM	NAME COEDCAE-TILLERY COLLIERY NO.3 LEVEL SITE STATUS	NGR SO21000569 CONDITION Not known SAM REF
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PRN 06583g FULL DESCRIPTION Mine and slag heap TYPE Mine FORM	NAME COEDCAE-TILLERY COLLIERY NO.2 LEVEL SITE STATUS	NGR SO20870590 CONDITION Not known SAM REF
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PRN 06654g FULL DESCRIPTION Airshaft TYPE Ventilation Shaft FORM	NAME SITE NAME NOT KNOWN SITE STATUS	NGR SO17870942 CONDITION Not known SAM REF
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PRN 06698g FULL DESCRIPTION Mine with associated buildings TYPE Mine FORM	NAME SITE NAME NOT KNOWN SITE STATUS	NGR SO198023 CONDITION Near Destroyed SAM REF
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PRN 06700g FULL DESCRIPTION Airshaft TYPE Ventilation Shaft FORM	NAME SITE NAME NOT KNOWN SITE STATUS	NGR SO19600231 CONDITION Not known SAM REF
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Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06701g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO19740232

CONDITION
Destroyed
SAM REF

PRN **NAME**
06710g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal level
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO17850550

CONDITION
Not known
SAM REF

PRN **NAME**
06711g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal level and associated buildings
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO17690558

CONDITION
Destroyed
SAM REF

PRN **NAME**
06712g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal level with possible tramroad
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO17530581

CONDITION
Destroyed
SAM REF

PRN **NAME**
06713g SITE NAME NOT KNOWN
FULL DESCRIPTION
Airshaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO17370611

CONDITION
Destroyed
SAM REF

PRN **NAME**
06716g DAREN COAL LEVEL
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO15900465

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06718g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO14950469

CONDITION
Not known
SAM REF

PRN **NAME**
06719g SITE NAME NOT KNOWN
FULL DESCRIPTION
Possible mine/quarry
TYPE
Mine
FORM **SITE STATUS**

NGR
SO14580537

CONDITION
Destroyed
SAM REF

PRN **NAME**
06721g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine, c30m diameter, and spoil tips
TYPE
Mine
FORM **SITE STATUS**

NGR
SO14230570

CONDITION
Not known
SAM REF

PRN **NAME**
06722g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine and level
TYPE
Mine
FORM **SITE STATUS**

NGR
SO14180602

CONDITION
Not known
SAM REF

PRN **NAME**
06723g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO14250632

CONDITION
Not known
SAM REF

PRN **NAME**
06732g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO13900825

CONDITION
Destroyed
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06733g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal level
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO14070836

CONDITION
Destroyed
SAM REF

PRN **NAME**
06738g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO13500865

CONDITION
Destroyed
SAM REF

PRN **NAME**
06740g SITE NAME NOT KNOWN
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO13500893

CONDITION
Destroyed
SAM REF

PRN **NAME**
06744g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO13400903

CONDITION
Destroyed
SAM REF

PRN **NAME**
06756g SITE NAME NOT KNOWN
FULL DESCRIPTION
Quarry
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO14230693

CONDITION
Not known
SAM REF

PRN **NAME**
06760g BEDWELLY COAL LEVEL
FULL DESCRIPTION
Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO15260579

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN 06781g NAME SITE NAME NOT KNOWN FULL DESCRIPTION Quarry, named Old Quarry (1880) TYPE Quarry FORM	SITE STATUS	NGR SO13421243 CONDITION Not known SAM REF
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PRN 06787g NAME SITE NAME NOT KNOWN FULL DESCRIPTION Quarry TYPE Quarry FORM	SITE STATUS	NGR SO16901312 CONDITION Not known SAM REF
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PRN 06790g NAME SITE NAME NOT KNOWN FULL DESCRIPTION Extensive area of quarrying, levels and spoil, east of Carn-lydan and north of Brynmawr TYPE Quarry FORM	SITE STATUS	NGR SO175128 CONDITION Near Intact SAM REF
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PRN 06793g NAME SITE NAME NOT KNOWN FULL DESCRIPTION Level and associated building described as "Old Level" in 1880 TYPE Colliery FORM	SITE STATUS	NGR SO16461246 CONDITION Not known SAM REF
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PRN 06796g NAME SITE NAME NOT KNOWN FULL DESCRIPTION Level and associated buildings TYPE Colliery FORM	SITE STATUS	NGR SO15690705 CONDITION Not known SAM REF
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PRN 06797g NAME SITE NAME NOT KNOWN FULL DESCRIPTION Mine TYPE Mine FORM	SITE STATUS	NGR SO15810682 CONDITION Not known SAM REF
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Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
06798g	SITE NAME NOT KNOWN	SO16890685
FULL DESCRIPTION		
Quarry		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06799g	SITE NAME NOT KNOWN	SO16900678
FULL DESCRIPTION		
2 buildings labelled 'engine house', associated with BG435		
TYPE		CONDITION
Engine house		Destroyed
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06802g	SITE NAME NOT KNOWN	SO16800716
FULL DESCRIPTION		
Mine		
TYPE		CONDITION
Mine		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06821g	SITE NAME NOT KNOWN	SO15230918
FULL DESCRIPTION		
Mine/quarry		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06825g	SITE NAME NOT KNOWN	SO15080939
FULL DESCRIPTION		
Stone Level		
TYPE		CONDITION
Adit		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
06826g	SITE NAME NOT KNOWN	SO148092
FULL DESCRIPTION		
Coal Shaft?		
TYPE		CONDITION
Colliery		Destroyed
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN **NAME**
06828g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO14850932

CONDITION
Near Intact
SAM REF

PRN **NAME**
06830g SITE NAME NOT KNOWN
FULL DESCRIPTION
Stone Level
TYPE
Adit
FORM **SITE STATUS**

NGR
SO148096

CONDITION
Destroyed
SAM REF

PRN **NAME**
06833g SITE NAME NOT KNOWN
FULL DESCRIPTION
Coal shaft
TYPE
Colliery
FORM **SITE STATUS**

NGR
SO15991019

CONDITION
Destroyed
SAM REF

PRN **NAME**
06845g SITE NAME NOT KNOWN
FULL DESCRIPTION
Air Shaft
TYPE
Ventilation Shaft
FORM **SITE STATUS**

NGR
SO16191012

CONDITION
Destroyed
SAM REF

PRN **NAME**
06851g SITE NAME NOT KNOWN
FULL DESCRIPTION
Mine
TYPE
Mine
FORM **SITE STATUS**

NGR
SO16220889

CONDITION
Not known
SAM REF

PRN **NAME**
06852g SITE NAME NOT KNOWN
FULL DESCRIPTION
Large quarry, c200m x 200m, with spoil
TYPE
Quarry
FORM **SITE STATUS**

NGR
SO1363707922

CONDITION
Not known
SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
06854g	SITE NAME NOT KNOWN	SO1353008188
FULL DESCRIPTION		
Ovoid quarry pit, c30m x 15m, E-W alignment		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
PRN	NAME	NGR
06855g	SITE NAME NOT KNOWN	SO1327608114
FULL DESCRIPTION		
Small quarry pit, c15m x 15m, E-W alignment		
TYPE		CONDITION
Quarry		Not known
FORM	SITE STATUS	SAM REF
PRN	NAME	NGR
07240g	SITE NAME NOT KNOWN	SO1910703151
FULL DESCRIPTION		
Unroofed structure recorded on 1901 map. Presumably related to Graig Fawr or Pen-y-fan Colliery sites.		
TYPE		CONDITION
Structure		
FORM	SITE STATUS	SAM REF
PRN	NAME	NGR
07241g	SITE NAME NOT KNOWN	SO1894603059
FULL DESCRIPTION		
Upper drum house of inclined tramroad, which descends steep E facing slopes. Part of 1901 colliery site.		
TYPE		CONDITION
WINDER HOUSE		
FORM	SITE STATUS	SAM REF
PRN	NAME	NGR
07243g	SITE NAME NOT KNOWN	SO1902203051
FULL DESCRIPTION		
Coal level recorded on 1901 map. Sited near head of incline.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF
PRN	NAME	NGR
07245g	SITE NAME NOT KNOWN	SO1901403067
FULL DESCRIPTION		
Rectangular building, presumed to be a drum house, recorded on 1901 map; adjacent to N side of inclined tramroad to upper coal levels.		
TYPE		CONDITION
Building		
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
07246g	SITE NAME NOT KNOWN	SO1909502800
FULL DESCRIPTION		
Old coal level recorded in name on 1901 map. Precise location unrecorded, but site may be on edge of FE land.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07247g	SITE NAME NOT KNOWN	SO1928502753
FULL DESCRIPTION		
Coal level above & S side of upper drum house & head of inclined tramroad. As recorded on 1901 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07250g	SITE NAME NOT KNOWN	SO1921802818
FULL DESCRIPTION		
Area of quarrying, presumably associated with colliery site. Tramroad leaves quarry to NW & connects to colliery tramroad. Recorded on 1901 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07253g	SITE NAME NOT KNOWN	SO1675304100
FULL DESCRIPTION		
Air shaft recorded on 1900 map. Shaft recorded on FE stock map; presumed existent.		
TYPE		CONDITION
Shaft		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07254g	SITE NAME NOT KNOWN	SO1667004009
FULL DESCRIPTION		
Air level recorded on 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07255g	SITE NAME NOT KNOWN	SO1666403681
FULL DESCRIPTION		
Site of lower level & base of tramroad from air shafts & upper level, as recorded on 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
07356g	SITE NAME NOT KNOWN	SO2240404148
FULL DESCRIPTION		
Quarry recorded on 1900 map.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07357g	SITE NAME NOT KNOWN	SO2099304275
FULL DESCRIPTION		
Quarry as recorded on 1901 map. Now disused & overgrown, sited W of track.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07358g	SITE NAME NOT KNOWN	SO2114104226
FULL DESCRIPTION		
Gravel pit recorded on 1900 map.		
TYPE		CONDITION
Gravel pit		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07359g	SITE NAME NOT KNOWN	SO2070104669
FULL DESCRIPTION		
Old coal level, as recorded on 1900 map.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07362g	SITE NAME NOT KNOWN	SO1905903870
FULL DESCRIPTION		
Air shaft recorded on 1900 map. Appears to be sited on the western boundary on FE land in vicinity of power lines.		
TYPE		CONDITION
Shaft		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07363g	SITE NAME NOT KNOWN	SO1909403778
FULL DESCRIPTION		
Quarry recorded on 1900 map. Appears to be sited on the western boundary on FE land, probably crossed by power lines.		
TYPE		CONDITION
Quarry		
FORM	SITE STATUS	SAM REF

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
07505g	SITE NAME NOT KNOWN	SO1281802166
FULL DESCRIPTION		
Coal level cut into W facing slopes, recorded on 1901 map as disused.		
TYPE		CONDITION
Colliery		
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
07715g	COEDCAE-TILLERY COLLIERY NO. 2 LEVEL	SO20870590
FULL DESCRIPTION		
Slag heap (See also PRN 06583g)		
TYPE		CONDITION
Slag heap		Not known
FORM	SITE STATUS	SAM REF

PRN	NAME	NGR
04950m	Merthyr Common Quarry 2	SO10061006
FULL DESCRIPTION		
Large quarry with conical tips and multiple working faces. The quarry has at least one barrow-run or tipping line, running in an east - west direction from one area of workings towards the Rhymney Mineral (Limestone) Railway Spur, starting at NGR SO 07301003. This feature is 1 m wide and 1 m high and is constructed in the form of an earthen and stone embankment. At one point a bridge would have carried this feature over the Nant		
TYPE		CONDITION
QUARRY		Damaged
FORM	SITE STATUS	SAM REF
Earthworks		

PRN	NAME	NGR
08854g	Bryn y Gaer Adit	SO1940713153
FULL DESCRIPTION		
A strongly defined and well-preserved mining adit on the NE corner of the Bryn y Gaer escarpment. The feature is flask-shaped in plan, some 12m long, 7m wide and 3m deep and aligned North-east to south-west with the entrance to the north-east. There is a dump of rubble some 1m in diameter at the mouth of the adit. (01)		
TYPE		CONDITION
ADIT		Near Intact
FORM	SITE STATUS	SAM REF
Earthworks		

PRN	NAME	NGR
08868g	Cruglwyn Bell Pit	SO1641805570
FULL DESCRIPTION		
A possible bell-pit on the northern slope of Darren Cruglwyn overlooking Bedwellty Pits. A circular pit some 9m in diameter and 3m deep surrounded by a bank of upcast some 1.5m wide and 0.50m high. The site is well-preserved and stands in open moorland used a rough grazing for sheep. (01)		
TYPE		CONDITION
BELL PIT		Near Intact
FORM	SITE STATUS	SAM REF
Earthworks		

Southeast Wales Industrial Ironworks Landscapes

PRN	NAME	NGR
08869g	Bedwellty Pits Incline Engine	SO1533305818
FULL DESCRIPTION		
The winding gear stands half way up the side of the Sirhowy Valley above Bedwellty Pits, at the top of a disused tramroad and on the lip of an old quarry. The site consists of two stone-built pits, c. 2m across and 1.5m deep, each with a cast iron square-sectioned axle with two cast iron wheels at the ends. The axles are supported on iron plates bolted onto the top of the masonry walls. The wheels, which have six spokes each, originally supported		
TYPE		CONDITION
ENGINE		Near Intact
FORM	SITE STATUS	SAM REF
Other Structure	SAM	MM181

PRN	NAME	NGR
05190m	Bute Pit	SN95230470
FULL DESCRIPTION		
This colliery visible on the 1877 first edition OS map. North of the pit is the Bute Tramroad. A number of disused tips, noted on map. Related sites include Bute Colliery and Hirwaun Tramroad, as well as Knobby Drift Ironstone Pit, Johnson Park (01).		
TYPE		CONDITION
COLLIERY		Not known
FORM	SITE STATUS	SAM REF
Documents		

Appendix III NMR Extractive Features

NPRN	NAME	
402093	DISUSED TIP, CEFN BACH, ABERTILLERY	
FORM	TYPE	NGR
Documents	SPOIL TIP	SO209039
STATUS	SAM REF	

Description
No further information available

NPRN	NAME	
402086	INDUSTRIAL TIP SITE, FOCHRIW [COLLIERY]	
FORM	TYPE	NGR
Documents	SPOIL TIP	SO102058
STATUS	SAM REF	

Description
No further information available

NPRN	NAME	
402113	MYNYDD RHEINALLT COAL MINING LEVELS, BRYNMAWR	
FORM	TYPE	NGR
Documents	LEVEL	SO200119
STATUS	SAM REF	

Description
No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
402628	SPOIL TIP, NEW TREDEGAR	
FORM	TYPE	NGR
Documents	SPOIL TIP	SO143021
STATUS	SAM REF	

Description

No further information available

NPRN	NAME	
402631	QUARRIES, TREDEGAR	
FORM	TYPE	NGR
Documents	QUARRY	SO153099
STATUS	SAM REF	

Description

No further information available

NPRN	NAME	
402634	COALBROOKVALE COAL MINE, SW OF NANTYGLO	
FORM	TYPE	NGR
Documents	COAL MINE	SO188094
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
84536	MYNYDD-Y-GLOG (N), LIMeworkINGS	
FORM	TYPE	NGR
Earthwork	LIME WORKINGS	SN974095
STATUS	SAM REF	

Description

An area of lime workings impinging on earlier remains.

The entire area is characterised by ruined kilns, reduced mostly to earthwork status, and quarry hollows, to a large extent already indicated on local Ordnance Survey 1:2500 and 1:10000 sheets.

NPRN	NAME	
308302	PENDERYN QUARRIES: CWAR LLWYN-ON, PENDERYN	
FORM	TYPE	NGR
Complex	QUARRY	SN955090
STATUS	SAM REF	

Description

1. Extensive limestone quarry; rail-served until ?1980s; still in use.
B.A.Malaws, 29 April 2003.
2. Quarry depicted on OS County series (Brecknock. XLV.13 1885; 1904).
RCAHMW AP94-CS 0786

NPRN	NAME	
262445	BRYN-DEFAID LEVELLED TIPS	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SN99960547
STATUS	SAM REF	

Description

Area of levelled tips, including 2 possible levels, located west of tramroad as recorded on 1905 map. Grass covered tips completely levelled. Threat: None Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262448	BRYN-DEFAID LEVELLED TIPS III	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SN99840593
STATUS	SAM REF	

Description

Area of grass covered levelled tips, as recorded on 1905 map. Threat: None Response: None
Vegetation: Rough grass

NPRN	NAME	
262447	BRYN-DEFAID LEVELLED TIPS II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SN99850587
STATUS	SAM REF	

Description

Area of grass covered levelled tips, as recorded on 1905 map. Threat: None Response: None
Vegetation: Rough grass

NPRN	NAME	
262463	BRYN-DEFAID TIPS	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SN99930578
STATUS	SAM REF	

Description

Extensive spoil tips rising to c.8m above track on their west side. Grassed-over tips damaged on interior of patches by earth moving as part of reclamation work. Threat: Land improvement/tipping Response: None Vegetation: Grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
308306	PENDERYN QUARRIES: MOEL PENDERYN NORTH QUARRY	
FORM	TYPE	NGR
Documents	QUARRY	SN937091
STATUS	SAM REF	

Description

Limestone quarry covered an area approx 500m E-W x 250m; remains of former tramroad.
B.A.Malaws, 29 April 2003.

NPRN	NAME	
308307	PENDERYN QUARRIES: AFON HEPSTE QUARRY, PENDERYN	
FORM	TYPE	NGR
Documents	QUARRY	SN936097
STATUS	SAM REF	

Description

Limestone quarry covered an area approx 150m E-W x 100m; remains of former tramroad.
B.A.Malaws, 29 April 2003.

NPRN	NAME	
308305	PENDERYN QUARRIES: MOEL PENDERYN QUARRY	
FORM	TYPE	NGR
Documents	QUARRY	SN940089
STATUS	SAM REF	

Description

Limestone quarry on the north scarp of Moel Penderyn, covered an area approx 500m E-W x 350m.

B.A.Malaws, 29 April 2003.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
308303	PENDERYN QUARRIES: CHURCH ROAD QUARRY,	
FORM	TYPE	NGR
Documents	QUARRY	SN948081
STATUS	SAM REF	

Description

Limestone quarry covered an area approx 500m x 500m; remains of former tramroad.
B.A.Malaws, 29 April 2003.

NPRN	NAME	
308304	PENDERYN QUARRIES: PENDERYN QUARRY	
FORM	TYPE	NGR
Documents	QUARRY	SN948086
STATUS	SAM REF	

Description

Limestone quarry covered an area approx 400m x 400m.
B.A.Malaws, 29 April 2003.

NPRN	NAME	
88071	HUGHES' PATCH (IRONSTONE WORKINGS)	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SN93070600
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 80622	NAME LLWYNHELIG COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN98990238
STATUS	SAM REF	

Description

No further information available

NPRN 80623	NAME GRAIG COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN99520209
STATUS	SAM REF	

Description

No further information available

NPRN 85001	NAME WINDBER COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN97070295
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 85004	NAME MERTHYR DARE COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN98120259
STATUS	SAM REF	

Description

No further information available

NPRN 85005	NAME CWMDARE COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN98600257
STATUS	SAM REF	

Description

No further information available

NPRN 85008	NAME ABERDARE MERTHYR COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN96370476
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 85003	NAME NANTMEYLYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN97490272
STATUS	SAM REF	

Description

No further information available

NPRN 85002	NAME BWLLFA DARE COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN96960241
STATUS	SAM REF	

Description

No further information available

NPRN 33451	NAME BWLLFA 3 COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SN986026
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33715	ENGINE HOUSE, MERTHYR DARE COLLIERY	
FORM	TYPE	NGR
Not recorded	ENGINE HOUSE	SN981026
STATUS	SAM REF	

Description
Engine house.

NPRN	NAME	
33741	BWLLFA COLLIERY POWER HOUSE	
FORM	TYPE	NGR
Not recorded	ENGINE HOUSE	SN986026
STATUS	SAM REF	

Description
No further information available

NPRN	NAME	
33699	ENGINE HOUSE, BWLLFA 3 COLLIERY	
FORM	TYPE	NGR
Not recorded	ENGINE HOUSE	SN986026
STATUS	SAM REF	

Description
No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 33698	NAME WINDING ENGINE HOUSE, BWLLFA 1 COLLIERY	
FORM Not recorded	TYPE ENGINE HOUSE	NGR SN970024
STATUS	SAM REF	

Description
Winding engine house.

NPRN 33536	NAME TOWER COLLIERY: HEADFRAME	
FORM Mechanical Structure	TYPE WINDING GEAR	NGR SN92610427
STATUS LB2	SAM REF	

Description
Headframe and pithead.

NPRN 33721	NAME TOWER COLLIERY ENGINE HOUSE	
FORM Not recorded	TYPE ENGINE HOUSE	NGR SN92640427
STATUS LB2	SAM REF	

Description
Engine house and fan house.

Southeast Wales Industrial Ironworks Landscapes

NPRN 85007	NAME TOWER (OLD) COLLIERY, HIRWAUN	
FORM Documents	TYPE COAL MINE	NGR SN94890484
STATUS	SAM REF	
Description Site marked on latest O.S. 1:50000 map as disused. B.A.Malaws, 02 February 1999.		

NPRN 91586	NAME TOWER COLLIERY, HIRWAUN; NO. 4 COLLIERY	
FORM Complex	TYPE COAL MINE	NGR SN92660433
STATUS	SAM REF	

Description
1. Colliery complex, operational as the last deep mine in Wales following a workers' buy-out in 1995. Steel lattice head frame is believed to date from 1941.
Site visited B.A.Malaws, 22 January 1999.
2. Site visited B.A.Malaws, 04 September 2000.

NPRN 91588	NAME TOWER GRAIG LEVEL, HIRWAUN	
FORM Documents	TYPE COAL MINE	NGR SN93570470
STATUS	SAM REF	

Description
Site marked on 1948 O.S. 1:10560 map as 'disused'.
B.A.Malaws, 02 February 1999.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
91587	TOWER DRIFT MINE, HIRWAUN	
FORM	TYPE	NGR
Complex	COAL MINE	SN94140476
STATUS	SAM REF	

Description

1. Drift mine, part of Tower Colliery (NPRN 91586); operational.
Site visited B.A.Malaws, 02 February 1999.

NPRN	NAME	
84766	CADAIIR FAWR (E), LIME WORKING COMPLEX	
FORM	TYPE	NGR
Earthwork	LIME WORKINGS	SN98241226
STATUS	SAM REF	

Description

SN98241226 (centred)

Along the E crest of Cadair Fawr, in an area of some 350m (N-S) by 50m, are located the remains of at least 10 ruined limekilns. All are now reduced to earthwork status though traces of side walling are evident in a number of cases. In one instance a causeway from the quarry to the loading platform is evident. Five representative examples are to be found at SN98261238, SN98261230, SN98291221, SN98261212 and SN98191207; all are over 1m high.

NPRN	NAME	
84765	CADAIIR FAWR (E), LIME WORKING COMPLEX	
FORM	TYPE	NGR
Earthwork	LIME WORKINGS	SN98291246
STATUS	SAM REF	

Description

SN98291246 (centred)

On the E slope of Cadair Fawr lie an area of lime workings spanning roughly 300m (NW-SE) by 60m. Located close to a band of quarried outcrop are at least 17 ruined kilns. For the most part they survive as mounds of turfed over rubble over 1m high. At the SE end of the group, two kilns display structural features in the form of a side wall in one case and a drawhole opening in the other. Five typical examples in the group are at SN98311252, SN98311246, SN98391243, SN98401238 and SN98381232.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
84764	CADAIIR FAWR (NE), LIME WORKING COMPLEX	
FORM	TYPE	NGR
Earthwork	LIME WORKINGS	SN98441252
STATUS	SAM REF	

Description

SN98441252 (centred)

An area of lime workings on Cadair Fawr covers an area roughly 200m (NW-SE) by 60m. At least

NPRN	NAME	
84761	CADAIIR FAWR (N), LIMEWORKINGS	
FORM	TYPE	NGR
Earthwork	LIME WORKINGS	SN97871271
STATUS	SAM REF	

Description

SN97871271 (centred)

At least 10 ruined limekilns are clustered around outcrop exposures within an area some 150m across. Little evidence of former structure survives though in a couple of instances there is the suggestion of double (opposed) drawholes. Substantial remains occur at SN97831275, SN97931274, and SN97931267; they are earthworks at least 1m high.

DKL 28.1.86

NPRN	NAME	
84700	BLAEN-CADLAN-UCHAF, QUARRY HOLLOWS	
FORM	TYPE	NGR
Earthwork	QUARRY	SN97621074
STATUS	SAM REF	

Description

Earthwork features which lie in the area of the above NGR, and which appear at first glance to be a small network of enclosures, are probably the result of quarrying; the 'enclosures' being shallow pits and the 'banks' being untouched areas between them.

DKL/DJP 5.86

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262386	BRYN-DEFAID PATCH II	
FORM	TYPE	NGR
Earthwork	COAL WORKINGS;IRONSTONE	SO00010582
STATUS	SAM REF	

Description

Coal & ironstone workings recorded on 1885 - 1905 OS maps. Now largely destroyed apart from spoil tips, which have been subjected to later quarrying & current landfill operations. Threat: Landfill Response: Evaluate Vegetation:

NPRN	NAME	
262385	BRYN-DEFAID PATCH I	
FORM	TYPE	NGR
Earthwork	COAL WORKINGS;IRONSTONE	SO00050601
STATUS	SAM REF	

Description

Large open quarry/ former ironstone mines worked as patching. Recorded on 1885 map, but currently subjected to land-filling. No associated features survive above surface within the quarry area. Threat: Landfill Response: Evaluate Vegetation: Grass

NPRN	NAME	
262378	BRYN-DEFAID SPOIL TIPS II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00370611
STATUS	SAM REF	

Description

Extensive area of coal & ironstone tips as recorded on 1885/1905 OS maps. Grass covered tips in rough grazing, interrupted by modern paths/bike tracks. Threat: Change of use Response: Watching brief Vegetation: Rough

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262377	BRYN-DEFAID SPOIL TIPS I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00480633
STATUS	SAM REF	

Description

Extensive coal & ironstone tips as recorded 1885 map. Located as unplanted grass covered area west of Llwydcoed road. Threat: Change of use Response: Watching brief Vegetation: Grass

NPRN	NAME	
262376	BRYN-DEFAID ENGINE SHAFT	
FORM	TYPE	NGR
Other Structure	SHAFT	SO00390620
STATUS	SAM REF	

Description

Capped shaft surmounted by mound of stone c.5m diam. within recently fenced area. Located S of engine house as on 1905 map. Stone mound surrounded by grassy spoil mound with collapsed hollow c.2m diam on S side. Threat: Change of use Response: Ground survey Vegetation: Rough grass

NPRN	NAME	
262375	BRYN-DEFAID LEVEL I	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00500626
STATUS	SAM REF	

Description

Site of possible level, cut in NE. Located as deep channel cut in below the present road. Possible tramming channel from level, probably draining water from underground working at present. Threat: Change of use Response: Watching brief Vegetation: Grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262372	BRYN-Y-GWYDDEL, COAL & IRONSTONE TIPS AREA II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00330659
STATUS	SAM REF	

Description

Extensive area of low, wide-spread tips located in clearing in forestry. Threat: Change of use
Response: None Vegetation: Grass

NPRN	NAME	
262371	BRYN-Y-GWYDDEL, COAL & IRONSTONE TIPS AREA I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00380665
STATUS	SAM REF	

Description

Extensive area of tipping located on unplanted ground within forestry. Low wide-spread coal & ironstone tips include tramroad on S side. Threat: Change of use Response: Watching brief
Vegetation: Grass

NPRN	NAME	
262368	BRYN-Y-GWYDDEL, LEVEL IV	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00460671
STATUS	SAM REF	

Description

Level cut in E, located on E edge of conifer crop. Recorded on Provisional ed. OS. Waterlogged tramming entrance prevents access to level mouth; tramroad running W now acts as watercourse draining level. Threat: Change of use Response: Watching brief Vegetation: Conifer

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262364	FFYNNON BRYN-Y-BADELL, FORESTRY SHAFT	
FORM	TYPE	NGR
Other Structure	SHAFT	SO00750654
STATUS	SAM REF	

Description

Shaft recorded on 1885 map; disused by 1905. Unlocated in 1970s Sitka crop. Presume infilled.
Threat: None Response: None Vegetation: Sitka spruce

NPRN	NAME	
262358	BRYN-Y-GWYDDEL, FORESTRY LEVEL II TIP	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00440679
STATUS	SAM REF	

Description

Unplanted grass-covered low earth mound on W facing slope on edge of forestry. Result of possible level cut in east recorded on 1885 OS map. Mound nearly destroyed. Threat: None
Response: None Vegetation: Rough grass

NPRN	NAME	
262357	BRYN-Y-GWYDDEL, FORESTRY LEVEL II	
FORM	TYPE	NGR
Other Structure	LEVEL	SO00490681
STATUS	SAM REF	

Description

Possible level or trial cut in east; recorded by OS in 1885. Now planted-over in 1970s conifer crop. Threat: None Response: None Vegetation: Conifer

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262356	BRYN-Y-GWYDDEL, FORESTRY LEVEL I TIP	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00420691
STATUS	SAM REF	

Description

Low spoil mound located W side of present road; unplanted on edge of forestry. Recorded 1885 by OS. Possibly spoil from level or trial recorded on E side of road. Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
262355	BRYN-Y-GWYDDEL, FORESTRY LEVEL I	
FORM	TYPE	NGR
Other Structure	LEVEL	SO00480692
STATUS	SAM REF	

Description

Possible level or trial cut in NE; recorded E of present road on 1885 OS. Feature suggests a level as opposed to quarry. No evidence in forestry. Threat: None Response: None Vegetation: Sitka spruce

NPRN	NAME	
262354	BRYN-Y-GWYDDEL, FORESTRY TIPS II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00440702
STATUS	SAM REF	

Description

Spoil tip located on W facing slope, west of road. Unplanted damaged quarry tips. Threat: None Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262353	BRYN-Y-GWYDDEL, FORESTRY QUARRY I	
FORM	TYPE	NGR
Earthwork	QUARRY	SO00490706
STATUS	SAM REF	

Description

Linear quarrying recorded on 1885 OS map; disused by 1905. Quarry & tips planted-over in 1970s with Sitka crop. Still evident in conifer crop. Threat: None Response: None Vegetation: Sitka spruce

NPRN	NAME	
262352	BRYN-Y-GWYDDEL, FORESTRY TIPS I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00550719
STATUS	SAM REF	

Description

Extensive area of tipping now part of modern forestry. Tips, relating to quarrying, recorded on 1885 OS map have been planted-over, but not levelled. Threat: None Response: None Vegetation: Sitka spruce

NPRN	NAME	
85104	BRYN DEFAID COLLIERY ENGINE HOUSE (FOTHERGILL'S	
FORM	TYPE	NGR
Ruin	ENGINE HOUSE	SO00400622
STATUS	SAM REF	

Description
SO00390622

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33716	WINDING ENGINE HOUSES, NANT-Y-FFRIDD	
FORM	TYPE	NGR
Not recorded	ENGINE HOUSE	SO0500
STATUS	SAM REF	

Description
2 winding engine sheds.

NPRN	NAME	
88072	BRYN-DEFAID PATCH (COAL AND IRONSTONE WORKINGS)	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO00030565
STATUS	SAM REF	

Description
No further information available

NPRN	NAME	
85580	FOUR FEET PIT, SPOIL HEAP SE OF..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09160741
STATUS	SAM REF	

Description
Spoil heap lying to the SE of Four Feet Pit, mainly furnace slag.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85579	RHASLAS POND, SPOIL HEAP W OF..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09290723
STATUS	SAM REF	

Description
Spoil heap lying to W of Rhaslas Pond - shale.

NPRN	NAME	
85578	RHASLAS POND, PIT W OF..	
FORM	TYPE	NGR
Earthwork	EXTRACTIVE PIT	SO09360720
STATUS	SAM REF	

Description
Pit at W side of Rhaslas Pond - purpose not known.

NPRN	NAME	
85577	RHASLAS POND, SPOIL HEAP W OF..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09290717
STATUS	SAM REF	

Description
Spoil heaps lying to the W of Rhaslas Pond - grassed over.

Southeast Wales Industrial Ironworks Landscapes

NPRN 88044	NAME TUNNEL PITS, PIT W OF..	
FORM Earthwork	TYPE PIT	NGR SO09310618
STATUS	SAM REF	

Description
A pit, probably for road stone.

NPRN 33539	NAME TUNNEL COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO09450602
STATUS	SAM REF	

Description
Waddle fan.

NPRN 33531	NAME SOUTH TUNNEL PIT	
FORM Documents	TYPE COAL MINE	NGR SO095062
STATUS	SAM REF	

Description
No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 85532	NAME TUNNEL PITS: SOUTH SHAFT	
FORM Other Structure	TYPE MINE SHAFT	NGR SO09490611
STATUS	SAM REF	

Description

The South shaft of Tunnel Pits (NPRN 85528) - commenced raising coal Aug 1874.

NPRN 85531	NAME TUNNEL PITS SOUTH ENGINE HOUSE	
FORM Building	TYPE ENGINE HOUSE	NGR SO09470609
STATUS	SAM REF	

Description

An engine house serving the South shaft of Tunnel Pits.
Dating from c1859.

NPRN 88022	NAME TWYN-Y-WAUN, PIT SW OF..	
FORM Earthwork	TYPE PIT	NGR SO08820691
STATUS	SAM REF	

Description

A pit possibly associated with building/structure (88021), 15m to the N. Probably an extractive pit but the precise purpose is unknown. A drain runs SW from the pit to leat (88014).

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85614	GELLI-GAER COMMON, PIT ON..	
FORM	TYPE	NGR
Earthwork	EXTRACTIVE PIT	SO09940642
STATUS	SAM REF	

Description

Old, shallow diggings for stone, together with associated spoil heaps, on Gelli-gaer Common

NPRN	NAME	
85610	GELLI-GAER COMMON, SPOIL HEAP ON..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09930699
STATUS	SAM REF	

Description

Spoil heaps on Gelli-gaer Common - stone, probably from the railway cutting.

NPRN	NAME	
85609	RHASLAS POND, SPOIL HEAP E OF..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09830713
STATUS	SAM REF	

Description

Spoil heaps to E of Rhaslas Pond - stone, possibly associated with railway cutting.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85607	SPOIL HEAP E OF RHASLAS POND	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09740725
STATUS	SAM REF	

Description

Spoil heap E of Rhaslas Pond - associated with adjacent shaft to NE.

NPRN	NAME	
85606	RHASLAS POND, SPOIL HEAP NE OF..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09700734
STATUS	SAM REF	

Description

Spoil heap NE of Rhaslas Pond - stone, possibly from the railway cutting.

NPRN	NAME	
85601	RHASLAS POND, IRONSTONE WORKINGS N OF..	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO09390747
STATUS	SAM REF	

Description

Shallow pits and associated spoil heaps lying to the N of Rhaslas Pond, probably remains of early ironstone patches. Overlain on W by regraded heaps from Raslas Pit.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85600	RHASLAS POND, IRONSTONE WORKINGS N OF..	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO09560744
STATUS	SAM REF	

Description

Shallow pits and associated spoil heaps lying to the N of Rhaslas Pond, probably remains of early ironstone patches.

NPRN	NAME	
85587	RHASLAS POND, IRONSTONE WORKINGS W OF..	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO09230728
STATUS	SAM REF	

Description

Possible early ironstone workings lying W of Rhaslas Pond.

NPRN	NAME	
85586	FOUR FEET PIT, SHAFT SW OF..	
FORM	TYPE	NGR
Earthwork	SHAFT	SO08940741
STATUS	SAM REF	

Description

Probable old shaft lying SW of Four Feet Pit.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85582	FOUR FEET PIT, IRONSTONE WORKINGS SW OF..	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO08990745
STATUS	SAM REF	

Description

Remains of ironstone workings (patches) lying to SW of Four Feet Pit.
Shown on OS 6-inch 1st Edn.(1876).

NPRN	NAME	
85530	TUNNEL PITS: NORTH SHAFT	
FORM	TYPE	NGR
Other Structure	MINE SHAFT	SO09460621
STATUS	SAM REF	

Description

The North shaft of Tunnel Pits (NPRN 85528) - commenced raising coal Aug,1874.

NPRN	NAME	
85529	TUNNEL PITS NORTH ENGINE HOUSE	
FORM	TYPE	NGR
Building	ENGINE HOUSE	SO09430621
STATUS	SAM REF	

Description

An engine house serving the North shaft of Tunnel Pits.
Dating from c1859.

Southeast Wales Industrial Ironworks Landscapes

NPRN 85528	NAME TUNNEL PITS	
FORM Complex	TYPE COAL MINE	NGR SO09480615
STATUS	SAM REF	

Description

Tunnel Pits (OS 6-inch 1st Edn.1876 and 2nd Edn 1901)

Commenced sinking 1859 but deferred. Work restarted 1869.

NPRN 85544	NAME AIR SHAFT, E OF RHASLAS POND	
FORM Other Structure	TYPE MINE SHAFT	NGR SO09750725
STATUS	SAM REF	

Description

A ventilation shaft lying E of Rhaslas Pond ("Old Air Shaft" on OS 6-inch (1905))

Shown on OS 6-inch First Edition but not annotated.

NPRN 85542	NAME GELLI-GAER COMMON, IRONSTONE WORKINGS ON..	
FORM Documents	TYPE IRONSTONE WORKINGS	NGR SO09850767
STATUS	SAM REF	

Description

An area of ironstone quarrying.

Annotated "Old Quarry" on OS 6-inch (1905).

Southeast Wales Industrial Ironworks Landscapes

NPRN 85541	NAME TWYN-Y-WAUN, QUARRY EAST OF	
FORM Documents	TYPE QUARRY	NGR SO08550756
STATUS	SAM REF	

Description

A small quarry lying to the SW of a road near Twyn y Waun.
Not shown on OS 6-inch First Edn.

NPRN 85570	NAME RHASLAS PIT: SPOIL HEAP SE OF	
FORM Earthwork	TYPE SPOIL TIP	NGR SO09340690
STATUS	SAM REF	

Description

Spoil heaps to the SE of and probably associated with Rhaslas Pit shaft.

NPRN 85569	NAME RHASLAS PIT: SPOIL HEAP S OF	
FORM Earthwork	TYPE SPOIL TIP	NGR SO09270699
STATUS	SAM REF	

Description

Spoil heap to the S of and probably from Rhaslas Pit shaft - grassed over.
Cut by railway line.

Southeast Wales Industrial Ironworks Landscapes

NPRN 85006	NAME DYLLAS COLLIERY	
FORM Complex	TYPE COAL MINE	NGR SO005054
STATUS	SAM REF	

Description

No further information available

NPRN 85557	NAME AIR SHAFT, NE OF FOCHRHIW POND	
FORM Documents	TYPE MINE SHAFT	NGR SO09830548
STATUS	SAM REF	

Description

Ventilation shaft (Old Air Shaft) lying NE of Fochrhiw Pond.
Not shown on OS 6-inch (1st Edn.)

NPRN 85555	NAME FOCHRHIW POND, QUARRY N OF..	
FORM Documents	TYPE QUARRY	NGR SO09900569
STATUS	SAM REF	

Description

A quarry lying N of Fochrhiw Pond.

Shown on OS 6-inch 1st Edn.(1876) but not annotated.
(OS 6-inch 2nd Edn.1901): Old Quarry.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85553	FOCHRIW PIT JUNCTION, GRAVEL PIT W OF..	
FORM	TYPE	NGR
Earthwork	GRAVEL PIT	SO09920616
STATUS	SAM REF	

Description

A gravel pit ("Old Gravel Pit" on OS 6-inch First Edn.), possibly a ballast pit for railway use, lying W of Fochriw Pit Junction.

NPRN	NAME	
85551	TUNNEL PITS, QUARRY N OF..	
FORM	TYPE	NGR
Documents	QUARRY	SO09380624
STATUS	SAM REF	

Description

A small roadside quarry lying N of Tunnel Pits.

NPRN	NAME	
85547	TWYN-Y-WAUN, QUARRY EAST OF	
FORM	TYPE	NGR
Earthwork	QUARRY	SO08880725
STATUS	SAM REF	

Description

A small quarry situated to the NE of a road, E of Twyn y Waun.

Shown on OS 6-inch 1st Edn.(1876) but not annotated.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85546	RHASLAS HOUSES, QUARRY NW OF..	
FORM	TYPE	NGR
Earthwork	QUARRY	SO09060716
STATUS	SAM REF	

Description

A quarry, possibly originally a level?, lying NW of Rhaslas Houses.

Shown on OS 6-inch 1st Edn.(1876) but not annotated.

NPRN	NAME	
85545	RHASLAS POND, QUARRY E OF..	
FORM	TYPE	NGR
Earthwork	QUARRY	SO09750714
STATUS	SAM REF	

Description

A stone quarry lying E of Rhaslas Pond - possibly to supply stone for construction of nearby dam.

Shown on OS 6-inch 1st Edn.(1876) but not annotated.

Main quarry is centred at SO09750714 with a smaller pit to the north at SO09740721

NPRN	NAME	
33484	GEORGE COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	SO04200174
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 85522	NAME RHASLAS PIT: AIR SHAFT	
FORM Other Structure	TYPE MINE SHAFT	NGR SO09270702
STATUS	SAM REF	

Description

Ventilation shaft shown on OS 6-inch 1st Edn. (1876) but not named or annotated.

(OS 6-inch 2nd Edn.1901): Named Rhaslas Pit

NPRN 33707	NAME GADLYS IRONWORKS: ENGINE HOUSE	
FORM Not recorded	TYPE ENGINE HOUSE	NGR SO00040293
STATUS LB2	SAM REF	

Description

Blast engine house.

NPRN 33512	NAME MIDDLE PIT, CWMPENNAR	
FORM Documents	TYPE COAL MINE	NGR SO0400
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 33504	NAME LOWER DUFFRYN PIT, CWMPENNAR: FITTING SHOP	
FORM Documents	TYPE WORKSHOP	NGR SO0400
STATUS	SAM REF	
Description Fitting shop.		

NPRN 33503	NAME LOWER DUFFRYN PIT, CWMPENNAR: WEIGHING OFFICE	
FORM Documents	TYPE WEIGH HOUSE	NGR SO0400
STATUS	SAM REF	
Description Weighing office.		

NPRN 85520	NAME RASLAS PIT	
FORM Other Structure	TYPE COAL MINE	NGR SO09260742
STATUS	SAM REF	

Description
Raslas Pit (OS 6-inch 1st Edn.1876)
A coal pit sunk by the Dowlais Iron CO. c1850.

(OS 6-inch 2nd Edn.1901): Annotated "Old Shaft".

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85519	FOUR FEET PIT ENGINE HOUSE	
FORM	TYPE	NGR
Building	ENGINE HOUSE	SO09110749
STATUS	SAM REF	

Description

Engine house for Four Feet Pit.

NPRN	NAME	
85518	LEVEL, NEAR FOUR FEET PIT	
FORM	TYPE	NGR
Other Structure	LEVEL	SO09060752
STATUS	SAM REF	

Description

A level, part of Four Feet Pit - possibly the Upper Four Feet Level driven c1800.

NPRN	NAME	
85517	FOUR FEET PIT; LOWER FOUR FEET PIT	
FORM	TYPE	NGR
Complex	COAL MINE	SO09110749
STATUS	SAM REF	

Description

A coal pit sunk c1850.

Named: Four Feet Pit (OS 6-inch 1st Edn.1876)

Named: Lower Four Feet Pit (OS 6-inch 2nd Edn.1901)

Southeast Wales Industrial Ironworks Landscapes

NPRN 33502	NAME LOWER DUFFRYN PIT, CWMPENNAR: LAMP ROOM	
FORM Documents	TYPE LAMP ROOM	NGR SO0400
STATUS	SAM REF	
Description Lamp room.		

NPRN 33500	NAME LOWER DUFFRYN PIT, CWMPENNAR	
FORM Documents	TYPE COAL MINE	NGR SO0400
STATUS	SAM REF	
Description Engine house and shaft.		

NPRN 260024	NAME BRYN DEFAID MINING REMAINS	
FORM Complex	TYPE COAL MINE	NGR SO0004
STATUS	SAM REF	
Description Mining remains on Bryn Defaid. Record from AP.		

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262406	YSGUBOR-WEN BALANCE PIT	
FORM	TYPE	NGR
Documents	COAL MINE;IRONSTONE MINE	SO00630492
STATUS	SAM REF	

Description

Site of Ysgubor-Wen Balance Pit, recorded on 1885 map. Destroyed by Bryn Mawr open-cast. Threat: None Response: None Vegetation: N/A

NPRN	NAME	
262405	BRYN-MAWR COAL & IRONSTONE WORKINGS	
FORM	TYPE	NGR
Documents	MINE	SO00790441
STATUS	SAM REF	

Description

Site of coal & ironstone workings now destroyed by open-casting. Threat: None Response: None Vegetation: N/A

NPRN	NAME	
262042	BRYN-MAWR OPENCAST	
FORM	TYPE	NGR
Other Structure	OPENCAST MINE	SO00950460
STATUS	SAM REF	

Description

Area of former open-cast c.1.8km sq. Site destroyed archaeological evidence of Dyllas, Ysgubor-Wen and Blaen-nant Collieries. Site has been partly reclaimed as improved pasture on the periphery; southern area part industrial use/part wasteland. Threat: None Response: None Vegetation: N/A

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262601	BLAEN-NANT LEVEL II	
FORM	TYPE	NGR
Earthwork	LEVEL	SO02180464
STATUS	SAM REF	

Description

Collapse overgrown level located cut in east on west facing moorland slopes, south side of mountain stream. Threat: Change of use Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
262600	BLAEN-NANT QUARRY III	
FORM	TYPE	NGR
Earthwork	QUARRY	SO02390442
STATUS	SAM REF	

Description

Disused overgrown quarry cut into west facing outcrops. Extensive grass covered tips located on moorland slopes. Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
262598	BLAEN-NANT QUARRY IV	
FORM	TYPE	NGR
Earthwork	QUARRY	SO02350423
STATUS	SAM REF	

Description

Intact but overgrown open quarry located on moorland slopes. Appears to have been linked to Blaen-nant Colliery by tramroad system, now evident as tracks. Threat: None Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85836	RHASLAS POND, SPOIL HEAPS E OF..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO09740715
STATUS	SAM REF	

Description

Spoil heaps associated with an adjacent stone quarry

NPRN	NAME	
85832	TUNNEL PITS, PITS NW OF..	
FORM	TYPE	NGR
Earthwork	EXTRACTIVE PIT	SO09380618
STATUS	SAM REF	

Description

Pits set in the angle of a road junction, probably for the extraction of stone.

NPRN	NAME	
262602	BLAEN-NANT LEVEL I	
FORM	TYPE	NGR
Earthwork	LEVEL	SO02190468
STATUS	SAM REF	

Description

Collapse overgrown level located cut in east on west facing moorland slopes, south side of mountain stream. Threat: Change of use Response: Evaluate Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262594	BLAEN-NANT TIPS II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO02190451
STATUS	SAM REF	

Description

Extensive area of tipping located under rough grass on moorland now north of modern forestry.
Threat: Change of use Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
262592	BLAEN-NANT DRIFT	
FORM	TYPE	NGR
Earthwork	LEVEL	SO02200447
STATUS	SAM REF	

Description

Collapsed level cut in east located at base of extensive tips north of woodland boundary.
Presumed Drift. Threat: Change of use Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
262591	BLAEN-NANT COLLIERY	
FORM	TYPE	NGR
Other Structure	COAL MINE	SO02100451
STATUS	SAM REF	

Description

Colliery site destroyed on edge of opencast. Recorded as Balance pit on 1885 map. Main buildings have been levelled and is now planted with forestry. Tramroad extends to Mountain Pit, part maintained as forest track. Workings survive on moorland. Threat: None Response: None Vegetation: Woodland

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262589	BLAEN-NANT LEVEL	
FORM	TYPE	NGR
Earthwork	LEVEL	SO02130464
STATUS	SAM REF	

Description

Collapsed level cut in east in area of extensive tips. Now overgrown. Threat: Change of use
Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
262587	BLAE-NANT TIPS I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO02180461
STATUS	SAM REF	

Description

Extensive area of tipping located under rough grass on open moorland. Threat: Change of use
Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
262584	BLAEN-NANT QUARRY I	
FORM	TYPE	NGR
Earthwork	QUARRY	SO02280498
STATUS	SAM REF	

Description

Disused and overgrown area of quarrying, recorded on Provisional; edition OS map. Grass covered quarry cut and extensive spoil mounds extend in a N/S direction, west of mountain track, from S upper moorland slopes downhill for c.100m. Threat: Change of use Response: Evaluate/watching brief Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN 262583	NAME BLAEN-NANT QUARRY II	
FORM Earthwork	TYPE QUARRY	NGR SO02260457
STATUS	SAM REF	

Description

Disused overgrown quarry recorded by OS 1885. Linear quarry extending c. 150m along N facing outcrops cut to c.70m deep. Quarry spoil extends to Mynydd Aberdare/Abernant track. Threat: Change of use Response: Watching brief Vegetation: Rough grass/gorse

NPRN 262573	NAME MOUNTAIN PIT AIR SHAFT III	
FORM Earthwork	TYPE VENTILATION SHAFT	NGR SO02080472
STATUS	SAM REF	

Description

Overgrown hollow located in rough grass on moorland slopes. Circular depression c. 2.5m diam. Threat: Change of use Response: Evaluate Vegetation: Rough grass

NPRN 262572	NAME MOUNTAIN PIT AIR SHAFT II	
FORM Earthwork	TYPE VENTILATION SHAFT	NGR SO02080473
STATUS	SAM REF	

Description

Overgrown hollow located in rough grass on moorland slopes. Circular depression c. 3m diam. Threat: Change of use Response: Evaluate Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262571	MOUNTAIN PIT AIR SHAFT I	
FORM	TYPE	NGR
Earthwork	VENTILATION SHAFT	SO02130474
STATUS	SAM REF	

Description

Overgrown hollow located in rough grass on moorland slopes. Circular depression c. 3.5m diam.
Threat: Change of use Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
80479	LOWER DYFFRYN COLLIERY - LOWER	
FORM	TYPE	NGR
Documents	COAL MINE	SO04110012
STATUS	SAM REF	

Description

No further information available

NPRN	NAME	
80547	TRE-AMAN COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	SO01790121
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 80628	NAME ABERGAWR COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO01440142
STATUS	SAM REF	
Description No further information available		

NPRN 80627	NAME UPPER DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO02210148
STATUS	SAM REF	
Description No further information available		

NPRN 80626	NAME HIGH DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO01870181
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80625	NAME WERFA COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO02050340
STATUS	SAM REF	
Description No further information available		

NPRN 80624	NAME BLAEN-NANT COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO02090452
STATUS	SAM REF	
Description No further information available		

NPRN 80551	NAME MIDDLE DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO03050033
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80550	NAME LLETY-SHENKIN COLLIERY (UPPER)	
FORM Documents	TYPE COAL MINE	NGR SO02950130
STATUS	SAM REF	
Description No further information available		

NPRN 80549	NAME OLD DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO02450117
STATUS	SAM REF	
Description No further information available		

NPRN 80548	NAME ABERAMAN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO01500033
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
80480	LOWER DYFFRYN COLLIERY - UPPER	
FORM	TYPE	NGR
Documents	COAL MINE	SO04110046
STATUS	SAM REF	
Description		
No further information available		

NPRN	NAME	
80450	POWDER MAGAZINE ON MYNYDD FOCHRIW	
FORM	TYPE	NGR
Building	STOREROOM	SO09740518
STATUS	SAM REF	
Description		
No further information available		

NPRN	NAME	
80461	EAST MERTHYR RECLAMATION AREA	
FORM	TYPE	NGR
Documents	MINING FEATURE	SO089068
STATUS	SAM REF	
Description		
No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80456	NAME RHASLAS POND AREA	
FORM Documents	TYPE MINING FEATURE	NGR SO098063
STATUS	SAM REF	

Description
No further information available

NPRN 80459	NAME BLAEN CARNO, QUARRY	
FORM Documents	TYPE QUARRY	NGR SO085090
STATUS	SAM REF	

Description
No further information available

NPRN 23623	NAME MYNYDD FOCHRIW HOLLOW TRAILS	
FORM Not recorded	TYPE TRACKWAY	NGR SO09920527
STATUS	SAM REF	

Description
(Point 2). See main record. Trails reunite at this point.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262563	DYLLA DRIFT ENGINE HOUSE	
FORM	TYPE	NGR
Building	ENGINE HOUSE	SO00240549
STATUS	SAM REF	

Description

Engine house recorded on 1885 map. Site has been incorporated into modern dwelling. All evidence of engine house features are destroyed. Threat: None Response: Nothing Vegetation: N/A

NPRN	NAME	
260023	BRYN DEFAID COAL MINE	
FORM	TYPE	NGR
Complex	COAL MINE	SO0006
STATUS	SAM REF	

Description

Open-cast mine on Bryn Defaid. Record from AP.

NPRN	NAME	
262226	PLEASANT VIEW QUARRY	
FORM	TYPE	NGR
Earthwork	QUARRY	SO02330514
STATUS	SAM REF	

Description

Small area of quarrying W side of parish boundary, recorded on 1885 map. No longer evident. Threat: None Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262300	NANT-Y-DERLWYN, SHAFT II	
FORM	TYPE	NGR
Earthwork	SHAFT	SO01230571
STATUS	SAM REF	

Description

Shaft hollow located in rough grass. c.4.5m diam choked with long grass. Semi-circular spoil tip on W side c.0.3m h on ground sloping west. Threat: Change of use Response: None Vegetation: Rough grass

NPRN	NAME	
262299	NANT-Y-DERWLYN, SHAFT I	
FORM	TYPE	NGR
Earthwork	SHAFT	SO012057
STATUS	SAM REF	

Description

Shaft hollow located in rough grass. Sub-circular depression c.4m diam open to c.2m deep. Semi-circular spoil tips on W side c.0.6m h on ground sloping west. Threat: Change of use Response: None Vegetation: Rough grass

NPRN	NAME	
262298	NANT-Y-DERLWYN, SPOIL TIPS	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO01150582
STATUS	SAM REF	

Description

Extensive area of grassed-over colliery tips, extending west from collapsed levels. Threat: None Response: None Vegetation: Grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262043	FOX & HOUNDS OPENCAST	
FORM	TYPE	NGR
Other Structure	OPENCAST MINE	SO00520599
STATUS	SAM REF	

Description

Area of open-casting that covered 0.063 sq km on land north-east of former public house. Opencasting destroyed elements of Penwaen (Dyllas) Colliery. Land has been returned to pasture. Threat: None Response: None Vegetation: Grass

NPRN	NAME	
262418	CARN-Y-FRWYDR, LEVELS	
FORM	TYPE	NGR
Earthwork	LEVEL	SO01300622
STATUS	SAM REF	

Description

Area of levels recorded on 1905 map. Sited on E facing slopes below parish boundary. Levels are cut in NE, but only located by arrangement of spoil. Area has been subjected to later quarrying and land/drainage improvement, presumably prior to open casting Threat: Land improvement Response: None Vegetation: Rough grass

NPRN	NAME	
262565	DYLLA DRIFT	
FORM	TYPE	NGR
Other Structure	LEVEL	SO00210554
STATUS	SAM REF	

Description

Drift/level recorded 1885 map. Level cut in NW; now backfilled by owner over a period of time - not capped. Appears as slight depression on rough grassland. Threat: None Response: Nothing Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262332	MOUNTAIN PIT ENGINE SHAFT	
FORM	TYPE	NGR
Earthwork	SHAFT	SO01680512
STATUS	SAM REF	

Description

Collapsed rectangular hollow; possible double-cage shaft; N of linear channels, presumed to be boiler foundations. Threat: Change of use Response: Preserve/ground survey/watching brief
Vegetation: Rough grass

NPRN	NAME	
262297	NANT-Y-DERLWYN, AIR SHAFT	
FORM	TYPE	NGR
Documents	VENTILATION SHAFT	SO00860560
STATUS	SAM REF	

Description

Air shaft recorded on 1885 map. Destroyed on periphery of former open-casting, which presumably worked out the sub-surface archaeology. Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
262574	PINNAU DUON PATCHES	
FORM	TYPE	NGR
Earthwork	COAL WORKINGS	SO01090627
STATUS	SAM REF	

Description

Extensive area of open ironstone workings. Damaged by recent land improvement. Threat: Land improvement Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262296	NANT-Y-DERLWYN, UPPER LEVEL I	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00910574
STATUS	SAM REF	

Description

Collapsed level cut in NE; located as depression with single finger of spoil fanning out SW.
Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
262294	NANT-Y-DERLWYN, AIR SHAFT	
FORM	TYPE	NGR
Earthwork	VENTILATION SHAFT	SO01180574
STATUS	SAM REF	

Description

Air shaft marked on 1905 OS map; site only marked by rough platform area on N bank of stream.
No evidence of capping. Threat: None Response: None Vegetation: Grass

NPRN	NAME	
262293	CARN-Y-FRWYDR, SHAFT	
FORM	TYPE	NGR
Earthwork	SHAFT	SO01250619
STATUS	SAM REF	

Description

Circular hollow c.2.2m diam open to 1.5m in rough grass. Located in area of tips being landscaped by local farmer. Threat: None Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262280	PEN-TYLE-HIR QUARRY	
FORM	TYPE	NGR
Earthwork	QUARRY	SO01760527
STATUS	SAM REF	

Description

Open quarry cut into SW facing outcrops. No associated features. Threat: Land improvement
Response: None Vegetation: Rough grass

NPRN	NAME	
262279	PEN-TYLE-HIR STONE OUTCROPS	
FORM	TYPE	NGR
Earthwork	QUARRY	SO01930519
STATUS	SAM REF	

Description

Area of scattered stone outcrops which appears to have been randomly quarried in the past.
Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
305766	BRYNMAWR MINE WORKINGS	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO18561254
STATUS	SAM REF	

Description

Ironstone workings to Northwest of Brynmawr characterised by small finger tips and quarrying.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
305771	CLYDACH TERRACE MINE WORKINGS	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO18241326
STATUS	SAM REF	

Description

1. Ironstone workings characterised by large number of finger shaped tips. To north of Brynmawr.

David Thomas, RCAHMW, 29th July 2002.

NPRN	NAME	
306318	TREFIL QUARRY	
FORM	TYPE	NGR
Earthwork	QUARRY	SO12061341
STATUS	SAM REF	

Description

Limestone Quarry, now disused

Quarries to north centred on SO 117140 preserve a series of early tramroad lines. These were photographed from the air under parched conditions on 13th August 2003, which revealed the positions of buried sleepers. See NPRN 403799 for a tramroad in the southern part of the quarry.

T. Driver. 2005.11.30

NPRN	NAME	
436	ABERTILLERY NEW MINE; ROSE HEYWORTH COLLIERY	
FORM	TYPE	NGR
Complex	COAL MINE	SO20580566
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33564	CWMTILLERY COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	SO218060
STATUS	SAM REF	
Description		
3 generations of fan on site:- modern, rope driven walker (up.10C.1910) and older fan.		

NPRN	NAME	
33584	VARTEG HILL COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	SO244062
STATUS	SAM REF	
Description		
No further information available		

NPRN	NAME	
33731	ENGINE HOUSE, SIX BELLS COLLIERY, ABERTILLERY	
FORM	TYPE	NGR
Documents	ENGINE HOUSE	SO218028
STATUS	SAM REF	
DL		
Description		
1. Engine houses.		
2. Part of Six Bells Colliery (NPRN 33578).		
B.A.Malaws, 20 May 2002.		

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33567	GOLYNOS COAL SHAFT	
FORM	TYPE	NGR
Documents	COAL MINE	SO25600455
STATUS	SAM REF	
Description		
No further information available		

NPRN	NAME	
85066	BRITISH IRONWORKS COLLIERY: CHIMNEY	
FORM	TYPE	NGR
Other Structure	CHIMNEY	SO25850367
STATUS	SAM REF	
Description		
No further information available		

NPRN	NAME	
85072	CWMBYRGWM COLLIERY, ABERSYCHAN;CWM-BYRGWM	
FORM	TYPE	NGR
Complex	COAL MINE	SO25130332
STATUS	SAM REF	
SAM	MM163	
Description		
Colliery, depicted in-use on OS County series 1st ed. (Monmouth. XVIII.9 1880), & as disused on 2nd ed. (1901).		
Includes:		
Chimney (Nprn85073)		
Shafts (Nprn85074-5).		

Southeast Wales Industrial Ironworks Landscapes

NPRN 85075	NAME CWMBYRGWM COLLIERY: WATER BALANCE	
FORM Mechanical Structure	TYPE MINE SHAFT	NGR SO25210326
STATUS	SAM REF	
Description Part of: Colliery (Npm85072).		

NPRN 85074	NAME CWMBYRGWM COLLIERY: SHAFT	
FORM Other Structure	TYPE MINE SHAFT	NGR SO25050339
STATUS	SAM REF	
Description Part of: Colliery (Npm85072).		

NPRN 85071	NAME LOWER NAVIGATION COLLIERY: ENGINE HOUSE	
FORM Building	TYPE ENGINE HOUSE	NGR SO25370397
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 85065	NAME BRITISH IRONWORKS COLLIERY: PUMPING ENGINE HOUSE	
FORM Building	TYPE ENGINE HOUSE	NGR SO25850365
STATUS SAM	SAM REF MM216	

Description

No further information available

NPRN 85073	NAME CWMBYRGWM COLLIERY: CHIMNEY	
FORM Other Structure	TYPE CHIMNEY	NGR SO24970336
STATUS	SAM REF	

Description

Old NPRN = 40475

Part of:
Colliery (Npm85072).

NPRN 96274	NAME VIVIAN PIT, ABERTILLERY	
FORM Documents	TYPE COAL MINE	NGR SO22030350
STATUS	SAM REF	

Description

Coal production ceased here in 1958, it was then used as a downcast shaft for the nearby colliery of Six Bells (NPRN 33578).

B.A.Malaws, 20 May 2002.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85080	CWMSYCHAN RED ASH COLLIERY, ABERSYCHAN	
FORM	TYPE	NGR
Complex	COAL MINE	SO24920436
STATUS	SAM REF	

Description

Colliery depicted on early editions of OS County series (Monmouth. XVIII.5 1880, 1901, 1920), as 'Cwm-sychan Colliery', 'Abertillery & Tal-y-waun Collieries' & Cwmsychan Red Ash Colliery', respectively.

NPRN	NAME	
85894	NANT LLECHAN, SPOIL HEAPS IN..	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO24380450
STATUS	SAM REF	

Description

Spoil heaps resulting from levels driven into ironstone seams subsequent to hushing action.

NPRN	NAME	
33578	SIX BELLS COLLIERY; ARAIL GRIFFIN COLLIERY,	
FORM	TYPE	NGR
Documents	COAL MINE	SO21850280
STATUS	SAM REF	

Description

Pit closed in 1988.

B.A.Malaws, 20 May 2002.

Southeast Wales Industrial Ironworks Landscapes

NPRN 80495	NAME LOWER FAN PIT	
FORM Documents	TYPE COAL MINE	NGR SS99689748
STATUS	SAM REF	

Description
No further information available

NPRN 80494	NAME MIDDLE FAN PIT	
FORM Documents	TYPE COAL MINE	NGR SS99409755
STATUS	SAM REF	

Description
No further information available

NPRN 80493	NAME NO.2 FERNDAL PIT	
FORM Documents	TYPE COAL MINE	NGR SS99019760
STATUS	SAM REF	

Description
No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 80492	NAME NO.4 FERNDALÉ PIT	
FORM Documents	TYPE COAL MINE	NGR SS98959762
STATUS	SAM REF	
Description No further information available		

NPRN 80491	NAME UPPER FAN PIT	
FORM Documents	TYPE COAL MINE	NGR SS98659775
STATUS	SAM REF	
Description No further information available		

NPRN 33480	NAME FFORCHWEN PIT COAL ADITS	
FORM Documents	TYPE LEVEL	NGR SS988993
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33505	MAERDY COLLIERY;MAERDY COLLIERIES NO.3 PIT	
FORM	TYPE	NGR
Documents	COAL MINE	SS96369991
STATUS	SAM REF	

Description

Colliery first depicted by OS on County series 2nd ed. (Glamorgan. XVIII.2 1900).

NPRN	NAME	
33538	TREWERN COAL MINE	
FORM	TYPE	NGR
Documents	COAL MINE	SS989996
STATUS	SAM REF	

Description

No further information available

NPRN	NAME	
33479	FFORCHWEN COAL MINE	
FORM	TYPE	NGR
Documents	COAL MINE	SS98809949
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 80554	NAME MAERDY COLLIERIES: NO.1 PIT AND NO.2 PIT	
FORM Documents	TYPE COAL MINE	NGR SS97349885
STATUS	SAM REF	
Description No further information available		

NPRN 80553	NAME MAERDY COLLIERIES (NO.3 PIT)	
FORM Documents	TYPE COAL MINE	NGR SS96369991
STATUS	SAM REF	
Description Duplicate of NPRN33505		

NPRN 80544	NAME FFORCHAMAN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SS99969945
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 33520	NAME NEWTOWN OLD COAL LEVEL	
FORM Documents	TYPE LEVEL	NGR ST05719860
STATUS	SAM REF	
Description No further information available		

NPRN 80481	NAME DEEP DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR ST04549952
STATUS	SAM REF	
Description No further information available		

NPRN 80552	NAME ABERCWMBOI COLLIERY	
FORM Documents	TYPE COAL MINE	NGR ST03009961
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80546	NAME CWMNEOL COLLIERY, CWMAMAN	
FORM Documents	TYPE COAL MINE	NGR ST007998
STATUS	SAM REF	
Description No further information available		

NPRN 80545	NAME BEDWLWYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR ST00739891
STATUS	SAM REF	
Description No further information available		

NPRN 80496	NAME FERNDAL COLLIERY	
FORM Documents	TYPE COAL MINE	NGR ST00209695
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33695	ABERGORKI WADDLE FAN	
FORM	TYPE	NGR
Not recorded	ENGINE HOUSE	ST04989903
STATUS	SAM REF	

Description

Deep Dyffryn Colliery; only surviving fan of this type. Resited at Blaenafon Industrial Museum.

NPRN	NAME	
33514	MOUNTAIN ASH COLLIERY; DEEP DUFFRYN COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	ST04559950
STATUS	SAM REF	

Description

No further information available

NPRN	NAME	
80471	WINGFIELD PIT	
FORM	TYPE	NGR
Documents	COAL MINE	ST13159962
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
80470	HEOL-DDU COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	ST14289953
STATUS	SAM REF	

Description

No further information available

NPRN	NAME	
400398	VARTEG WASTE, RELICT INDUSTRIAL FEATURES	
FORM	TYPE	NGR
Documents	EARTHWORK	SO25880557
STATUS	SAM REF	

Description

An extensive area of relict industrial features, notably tips & tramroads, seemingly associated with coal & iron extraction & processing; many features portrayed on OS County series (Monmouth. XVIII.6 1880).

RCAHMW AP94-CS 0617

RCAHMW AP945081/53-4

J.Wiles 14.05.04

NPRN	NAME	
67676	MYNYDD VARTEG FACH, SPOIL TIP	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26220690
STATUS	SAM REF	

Description

On the lower slopes of Mynydd Varteg Fach, N of Varteg Reservoir. An undulating spoil tip from small C19 quarrying, encroached on W side by large area of late C20 regrading. Mainly rubble covered with grass and heather, covering an area 60m N-S by 30m.

R Hayman, Hayman & Horton, 8/1/2003

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
67700	VARTEG HILL, SPOIL TIP III	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26250605
STATUS	SAM REF	

Description

Varteg Hill Colliery was opened in 1860 by John Vipond. The spoil tip is probably late C19.

A small tip approximately 25m N-S by 20m, 1.5m high. The tip is eroded, with exposed black soil

NPRN	NAME	
67699	VARTEG HILL, SPOIL TIP II	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26160617
STATUS	SAM REF	

Description

Varteg Hill Colliery was opened in 1860 by John Vipond. The spoil heap is shown on the 1st ed OS in the process of formation.

Large spoil tip of coal dust and shale, up to 20m high, although lower and only 4m high at the S end, approximately 150m N-S by 120m.

R Hayman, Hayman & Horton, 9/1/2003

NPRN	NAME	
67696	VARTEG HILL, SPOIL TIP I	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26100600
STATUS	SAM REF	

Description

Varteg Hill Colliery was opened in 1860 by John Vipond. The spoil heap is shown on the 2nd ed OS.

Large spoil tip 20m high with a flattened top, 250m N-S by 100m.

R Hayman, Hayman & Horton, 9/1/2003

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
67709	CWM GLO DRIFT MINE, VARTEG	
FORM	TYPE	NGR
Other Structure	DRIFT MINE	SO26170633
STATUS	SAM REF	

Description

Small drift mine opened in the 1990s and worked for 3-5 years. At the top is a small blockwork winding house, inside which is a winding drum with steel rope. A tunnel of corrugated iron incorporates 2 tramroads and leads to the entrance, which is blocked with spoil.

NPRN	NAME	
67708	VARTEG HILL, SPOIL TIP VII	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26200633
STATUS	SAM REF	

Description

Probably C20, and comprising a large area of spoil up to 15m deep on the downhill (E) side, covering an area approximately 130m N-S by 90m, and built up around a late C20 drift mine (NPRN 67709).

R Hayman, Hayman & Horton, 9/1/2003

NPRN	NAME	
67707	VARTEG HILL, SPOIL TIP VI	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26330636
STATUS	SAM REF	

Description

Former spoil tip in a field, mostly removed to leave small mounds up to 1.5m high over an area of disturbed ground 60m diameter.

R Hayman, Hayman & Horton, 9/1/2003

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
67702	VARTEG HILL, SPOIL TIP V	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26330593
STATUS	SAM REF	

Description

Varteg Hill Colliery was opened in 1860 by John Vipond. The spoil tip is probably redeposited material and is composed of a conglomeration of separate tipping episodes, forming mounds up to 3m high, over an area 180m N-S by a maximum of 240m.

NPRN	NAME	
67701	VARTEG HILL, SPOIL TIP IV	
FORM	TYPE	NGR
Earthwork	SPOIL HEAP	SO26300613
STATUS	SAM REF	

Description

Varteg Hill Colliery was opened in 1860 by John Vipond. The spoil tip is probably redeposited material and is composed of a conglomeration of separate tipping episodes, forming mounds up to 4m high. Behind and to the W of Pembroke Terrace, 180m N-S by 40m maximum.

R Hayman, Hayman & Horton, 9/1/2003

NPRN	NAME	
262479	FOTHERIGILLS AIR SHAFT I	
FORM	TYPE	NGR
Documents	VENTILATION SHAFT	SO00840637
STATUS	SAM REF	

Description

Air shaft recorded on 1905 map. Unlocated during present survey. Presume destroyed at surface. Threat: None Response: None Vegetation: Conifer

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262469	TY GWYN SPOIL TIP	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00070657
STATUS	SAM REF	

Description

Spoil mound extending west from water-filled level. Grass-covered mound c.10m E/W x 8m wide spread rises to 2m above ground level on its SW side. Threat: Land improvement Response: None Vegetation: Rough grass

NPRN	NAME	
262468	TY GWYN TRIAL LEVEL	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00080657
STATUS	SAM REF	

Description

Collapsed trial level cut in east with spoil mound on west side. Level visible as water-filled hollow c.1.5m deep with scattered rock under water. Threat: Land improvement Response: Evaluate Vegetation: Rough grass

NPRN	NAME	
262462	BRYN-DEFAID SPOIL TIP	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00330629
STATUS	SAM REF	

Description

Single spoil mound now overplanted with conifers; may denote the site of a level cut in alongside the stream. Threat: None Response: None Vegetation: Conifer

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262460	CARN-Y-FRWYDR, IRONSTONE WORKINGS	
FORM	TYPE	NGR
Earthwork	IRONSTONE WORKINGS	SO01370593
STATUS	SAM REF	

Description

Extensive area of ironstone workings located as 'patches' or open workings; recorded as disused quarried on 1905 map. Area of c.250m extent of disturbed grass-covered tips & recent drainage cuts. Open quarrying cut deep into east facing slopes. Threat: Change of use Response: Preserve

NPRN	NAME	
262459	FOTHERGILL'S LEVEL II	
FORM	TYPE	NGR
Earthwork	LEVEL	SO01240582
STATUS	SAM REF	

Description

Collapsed level cut in NE. Single finger of spoil extends SW from grassy depression. In area of damaged tips. Threat: Land improvement Response: Watching brief Vegetation: Rough grass

NPRN	NAME	
262458	FOTHERGILL'S LEVEL I	
FORM	TYPE	NGR
Earthwork	LEVEL	SO01040587
STATUS	SAM REF	

Description

Collapsed level with spoil extending to south-west. Route of N/S tramroad cuts between level & spoil. Threat: Change of use Response: Watching brief Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262457	FOTHERGILL'S SHAFT II	
FORM	TYPE	NGR
Earthwork	SHAFT	SO01090596
STATUS	SAM REF	

Description

Circular hollow c.2m diam open to 1.5m in rough grass. Located in area of disturbed tips. Threat: Change of use Response: None Vegetation: Grass

NPRN	NAME	
262456	FOTHERGILL'S SHAFT I	
FORM	TYPE	NGR
Earthwork	SHAFT	SO01070590
STATUS	SAM REF	

Description

Circular hollow c.2.2m diam open to 1.5m in rough grass. Located in area of disturbed tips. Threat: Change of use Response: None Vegetation: Grass

NPRN	NAME	
262455	FOTHERGILL'S PATCHES	
FORM	TYPE	NGR
Earthwork	COAL WORKINGS;IRONSTONE	SO00720610
STATUS	SAM REF	

Description

Area of former coal & ironstone workings; now overplanted with modern forestry. Earthworks, tips etc too extensive to level, but ridge & furrow planting has damaged archaeological evidence at the surface. Presumed 18th century workings or earlier. Threat: Opencast Response: Watching brief Vegetation: Conifers

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262441	BRYN-DEFAID 1885 TRAMMING LEVEL	
FORM	TYPE	NGR
Other Structure	LEVEL	SO00420665
STATUS	SAM REF	

Description

Site of coal & ironstone level as recorded on 1885 map. Level has been over-tipped by spoil from level 262368 to north. Double-incline ran south from level. Threat: None Response: None
Vegetation: Spoil

NPRN	NAME	
262440	BRYN-DEFAID SPOIL TIP III	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00350672
STATUS	SAM REF	

Description

Spoil mound located at W end of tramroad from level 2624429. Tips have been planted over in 1970s by forestry. Threat: Felling Response: None Vegetation: Conifers

NPRN	NAME	
262438	BRYN-Y-GWYDDEL, LEVEL III	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00430675
STATUS	SAM REF	

Description

Level with short tramroad extending W to spoil tips. Coal & ironstone level cut in E; disused by 1905. Collapsed level emitting water, located in wooded hollow; deep linear channel carries water W to form a small pool E side of wooded spoil tips. Threat: Change of use Response: Watching brief Vegetation: Conifers

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262435	MOUNTAIN PIT BOUNDARY SHAFT	
FORM	TYPE	NGR
Earthwork	SHAFT	SO01880500
STATUS	SAM REF	

Description

Shaft as recorded in 1905; unrecorded 1885 by OS. Located along stone wall boundary, which it interrupts. Shaft hollow c.6m diam, open to c.5m deep. Stone & earth tip fans S. Threat: Change of use Response: Preserve Vegetation: Rough grass/bracken

NPRN	NAME	
262433	MOUNTAIN PIT SPOIL TIPS	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO01680503
STATUS	SAM REF	

Description

Spoil tips recorded on 1885 map; 1905 map records track running through tips towards Ysgubor-wen colliery. Tips now levelled and grassed-over as improved pasture. Threat: None Response: None Vegetation: Grass

NPRN	NAME	
262429	MOUNTAIN PIT ENGINE HOUSE I	
FORM	TYPE	NGR
Building	ENGINE HOUSE	SO01660510
STATUS	SAM REF	

Description

Rectangular engine house as recorded by OS; structure aligned NE/SW as opposed to surviving house aligned NW/SE. Land has been improved & no evidence of the house remains. Threat: None Response: None Vegetation: Grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262425	WAUN-Y-GWAIR, LINEAR QUARRYING	
FORM	TYPE	NGR
Earthwork	QUARRY	SO01640570
STATUS	SAM REF	

Description

Area of linear quarries cut into bedrock on NW facing slopes. No associated features. Threat: None Response: None Vegetation: Grass

NPRN	NAME	
262423	FOTHERGILL'S COAL & IRONSTONE WORKING	
FORM	TYPE	NGR
Earthwork	COAL WORKINGS;IRONSTONE	SO00970617
STATUS	SAM REF	

Description

Area of coal & ironstone workings surviving as waste tips. No evidence of tramroad or levels as recorded on 1885 map. Threat: Land imp Response: Preserve Vegetation: Rough grass

NPRN	NAME	
86969	WAUN-LWYD (E), MINE WORKINGS	
FORM	TYPE	NGR
Complex	COAL WORKINGS	SO184072
STATUS	SAM REF	

Description

Mining remains E of Waun-lwyd.

DKL 1999

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262412	BRYN-Y-BADELL, LEVEL IX	
FORM	TYPE	NGR
Documents	LEVEL	SO00970645
STATUS	SAM REF	

Description

Level recorded disused on 1905 map. Destroyed in area currently being levelled & improved by spreading of waste. Threat: None Response: None Vegetation: Waste

NPRN	NAME	
262562	DYLLA DRIFT MINE TIPS I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00170543
STATUS	SAM REF	

Description

Extensive area of flat-topped slag tips, with tramlines removed, as recorded on 1885-1905 maps. Grass topped tips remain relatively undamaged c. 150m N/S x 100m E/W. Threat: None Response: None Vegetation: Grass/gorse

NPRN	NAME	
262561	DYLLAS SHAFT I	
FORM	TYPE	NGR
Documents	SHAFT	SO00250564
STATUS	SAM REF	

Description

Post-1885 shaft; disused by 1905. Unlocated in modern forestry. Threat: None Response: Nothing Vegetation: Conifer

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262555	PENWAEN LEVEL II	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00440573
STATUS	SAM REF	

Description

Tramming level cut in NE, as recorded on 1885 map. Disused by 1905. Site collapsed in forestry which has been deeply ploughed. Threat: None Response: None Vegetation: Conifers

NPRN	NAME	
262554	PENWAEN COAL LEVEL	
FORM	TYPE	NGR
Earthwork	COAL MINE;LEVEL	SO00570582
STATUS	SAM REF	

Description

Coal level recorded on 1905 map. Collapsed level tramming entrance located immediately W of spoil tips. No evidence of level mouth. Level complex part destroyed by open casting, which presumably removed the underground workings. Threat: None Response: None Vegetation: Grass / broadleaf

NPRN	NAME	
262553	PENWAEN ENGINE HOUSE	
FORM	TYPE	NGR
Building	ENGINE HOUSE	SO00520585
STATUS	SAM REF	

Description

Engine house recorded on 1905 map. Destroyed in small area of open casting. Site of air shaft on 1885 map; predating engine complex. Threat: None Response: None Vegetation: Grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262552	PENWAEN-PERSON SPOIL TIPS I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00600578
STATUS	SAM REF	

Description

Extensive area of coal & ironstone waste, now covered in Scots pine. Tips rise c.10-12m above land on S side. Threat: None Response: None Vegetation: Grass / pine

NPRN	NAME	
262548	DYLLAS SHAFT II	
FORM	TYPE	NGR
Earthwork	SHAFT	SO00470560
STATUS	SAM REF	

Description

Shaft recorded on 1905 map. No evidence. Threat: None Response: None Vegetation: Conifer

NPRN	NAME	
262547	DYLLAS AIR SHAFT	
FORM	TYPE	NGR
Documents	VENTILATION SHAFT	SO00590552
STATUS	SAM REF	

Description

Air shaft recorded on 1905 map. Destroyed on periphery of open-cast. Threat: None Response: None Vegetation: Rough grass

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262546	PENWAEN QUARRY / IRONSTONE WORKINGS	
FORM	TYPE	NGR
Earthwork	QUARRY	SO00270573
STATUS	SAM REF	

Description

Old quarry recorded 1905. 1885 map suggests area was open ironstone mine. Site now planted-over; spoil tips partly levelled. Threat: None Response: None Vegetation: Conifer

NPRN	NAME	
262540	PENWAEN-PERSON LINEAR QUARRIES / IRONSTONE	
FORM	TYPE	NGR
Earthwork	QUARRY	SO00740572
STATUS	SAM REF	

Description

Linear quarries recorded on 1905 map. 1885 map suggests area of ironstone working as patching. Site now grassed-over & under broadleaf. Threat: Land improvement Response: Watching brief Vegetation: Grass / broadleaf

NPRN	NAME	
262539	DYLLAS 1905 COAL LEVEL I	
FORM	TYPE	NGR
Documents	COAL MINE;LEVEL	SO00540545
STATUS	SAM REF	

Description

Coal level recorded as part of Dyllas Colliery head old incline complex. Destroyed on the periphery of Bryn-Mawr open-cast. Threat: None Response: None Vegetation: N/A

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262538	PENWAEN-PERSON SPOIL TIPS II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00630560
STATUS	SAM REF	

Description

Extensive area of tipping now over-planted. Coal & ironstone waster from open workings to west. Threat: Land improvement Response: None Vegetation: Grass / mixed woodland

NPRN	NAME	
262410	FOTHERGILL'S TRAMROAD TIP II	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00960629
STATUS	SAM REF	

Description

Spoil tip aligned NE/SW; tramroad appears to have carried spoil from a level on the SW side. Tips damaged but not levelled by forestry deep over-planting. Threat: None Response: None Vegetation: Conifers

NPRN	NAME	
262409	FOTHERGILL'S TRAMROAD TIPS I	
FORM	TYPE	NGR
Earthwork	SPOIL TIP	SO00740628
STATUS	SAM REF	

Description

Extensive area of tips through which tramroad ran, as recorded 1885 OS map. Tips have been damaged, but not levelled, by over-planting of modern forestry. Threat: None Response: None Vegetation: Conifers

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
262408	DYLLAS 1885 AIR SHAFT II	
FORM	TYPE	NGR
Documents	VENTILATION SHAFT	SO00290536
STATUS	SAM REF	

Description

Air shaft recorded on 1885 map. Destroyed on periphery of open-cast. Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
262407	DYLLAS LOWER AIR SHAFT	
FORM	TYPE	NGR
Documents	VENTILATION SHAFT	SO00010526
STATUS	SAM REF	

Description

Air shaft recorded on 1885 map. Destroyed on periphery of open-cast. Threat: None Response: None Vegetation: Rough grass

NPRN	NAME	
262402	DYLLAS COLLIERY LEVELS	
FORM	TYPE	NGR
Earthwork	LEVEL	SO00050523
STATUS	SAM REF	

Description

Levels and spoil tips recorded on 1885 map. Now destroyed on periphery of Bryn-Mawr open-cast. Threat: None Response: None Vegetation: N/A

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
40477	DARBY ENGINE HOUSE	
FORM	TYPE	NGR
Not recorded	ENGINE HOUSE	SO172095
STATUS	SAM REF	

Description

Large storey masonry building of 4 bays with round headed windows. Once claimed 72" cylinder blowing engine. Small engine house for 45" blowing engine nearby.

NPRN	NAME	
262388	BRYN-DEFAID OLD LEVELS	
FORM	TYPE	NGR
Other Structure	LEVEL	SO00090571
STATUS	SAM REF	

Description

Area of disused coal & ironstone workings recorded as 'old levels' on 1905 map. Area is currently being subjected to land-fill . Modern earth moving & tipping activity has destroyed all archaeological evidence. Threat: Landfill Response: None Vegetation: Rough grass

NPRN	NAME	
33547	BEYNON'S PIT	
FORM	TYPE	NGR
Documents	COAL MINE	SO19950845
STATUS	SAM REF	

Description

Colliery opened circa 1921, brick and iron structure, incorporating earlier building. Site was previously a tin works.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33725	BEDWELLY MOUNTAIN, INCLINE HAULAGE WINDING	
FORM	TYPE	NGR
Documents	WINDING ENGINE	SO15320582
STATUS	SAM REF	
SAM	MM181	

Description

An incline haulage winding engine, part of a group of small buildings depicted as Bedwellty Levels (coal) in 1878.
(source Os495card; SO10NE9)

NPRN	NAME	
33572	MARINE COLLIERY: ENGINE HOUSE NO.2	
FORM	TYPE	NGR
Documents	ENGINE HOUSE	SO18880390
STATUS	SAM REF	

Description

Part of:
Marine Colliery (NPRN 33571).

NPRN	NAME	
33580	POCHIN COLLIERY, TREDEGAR	
FORM	TYPE	NGR
Documents	COAL MINE	SO162046
STATUS	SAM REF	

Description

Sunk 1880-1881, closed 1964. The site is now largely landscaped.
B.A.Malaws, 21 January 2000.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33573	MARHAM COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	SO167020
STATUS	SAM REF	
Description		
No further information available		

NPRN	NAME	
86971	BRIERLY HILL MINE WORKINGS	
FORM	TYPE	NGR
Complex	COAL WORKINGS	SO165086
STATUS	SAM REF	
Description		
Mining remains W of Brierly Hill, with housing.		
DKL 1999		

NPRN	NAME	
86961	PONTLOTTYN MINE WORKINGS	
FORM	TYPE	NGR
Earthwork	COAL WORKINGS	SO119053
STATUS	SAM REF	
Description		
Former mine workings SW of Pontlottyn.		
DKL 1999		

Southeast Wales Industrial Ironworks Landscapes

NPRN 86964	NAME TREDEGAR PATCH, MINE WORKINGS	
FORM Earthwork	TYPE COAL WORKINGS	NGR SO1309
STATUS	SAM REF	

Description

Tredeggar Patch, mining remains.

DKL 1999

NPRN 85556	NAME FOCHRHIW PITS	
FORM Documents	TYPE COAL MINE	NGR SO10330510
STATUS	SAM REF	

Description

A pair of pits sunk by the Dowlais Iron Co.

Sinking commenced Feb 1857.

Coal reached Nov 1862

No.1 Pit (north): commenced raising coal June 1863.

No.2 Pit (south): commenced raising coal Sept 1866.

(OS 1st Edn.1876):Two shafts described separately as No.1 Pit and No.2 Pit.

NPRN 33546	NAME BEDWELLTY PARK 'YARD' COAL SEAM	
FORM Documents	TYPE COAL WORKINGS	NGR SO1409
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 33483	NAME GELLIGAER COAL AND IRON STONE	
FORM Documents	TYPE COAL MINE	NGR SO112069
STATUS	SAM REF	
Description No further information available		

NPRN 33953	NAME GELLIGAER COAL AND IRONSTONE	
FORM Not recorded	TYPE COAL MINE;IRONSTONE MINE	NGR SO112069
STATUS	SAM REF	
Description No further information available		

NPRN 33585	NAME WHITWORTH COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO145078
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 33582	NAME TY TRIST COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO14650770
STATUS	SAM REF	
Description No further information available		

NPRN 33581	NAME TYTRIST COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO147077
STATUS	SAM REF	
Description No further information available		

NPRN 96551	NAME OGILVIE COLLIERY EXPLOSIVES STORE, DERI	
FORM Building	TYPE COAL MINE	NGR SO11900323
STATUS LB2	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80452	NAME MACLAREN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO134054
STATUS	SAM REF	
Description No further information available		

NPRN 80580	NAME RHYMNEY MERTHYR COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO12120557
STATUS	SAM REF	
Description No further information available		

NPRN 80579	NAME TERRACE COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO11230660
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80578	NAME NEW DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO11100688
STATUS	SAM REF	
Description No further information available		

NPRN 80577	NAME OLD DYFFRYN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO11010731
STATUS	SAM REF	
Description No further information available		

NPRN 80576	NAME FOCHRIW COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO10310517
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80460	NAME TY NEWYDD MINING FEATURES	
FORM Documents	TYPE MINING FEATURE	NGR SO123055
STATUS	SAM REF	
Description No further information available		

NPRN 80457	NAME WEST OF PONTLOTTYN	
FORM Documents	TYPE MINING FEATURE	NGR SO120053
STATUS	SAM REF	
Description No further information available		

NPRN 80455	NAME WEST OF HEADS OF VALLEYS INDUSTRIAL AREA	
FORM Documents	TYPE MINING FEATURE	NGR SO104078
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80573	NAME COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO154017
STATUS	SAM REF	
Description No further information available		

NPRN 80572	NAME CEFN BRITHDIR COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO15340155
STATUS	SAM REF	
Description No further information available		

NPRN 80462	NAME RHYMNEY HILL RECLAMATION AREA	
FORM Documents	TYPE MINING FEATURE	NGR SO118087
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
33570	LLANOVER COLLIERY PUMPING ENGINE HOUSE	
FORM	TYPE	NGR
Building	ENGINE HOUSE	SO17900073
STATUS	SAM REF	

Description

Pumping engine; possibly largest Davey differential pump in any British Coal mine.
B.A.Malaws, 23 January 1995.

NPRN	NAME	
33571	MARINE COLLIERY, CWM	
FORM	TYPE	NGR
Earthwork	COAL MINE	SO188039
STATUS	SAM REF	

Description

1. Fine head frames; first produced coal 1890.

2. Colliery demolished and site cleared. Hathorn Davey differential pumping engine left on site near entrance as a 'feature' (NPRN 275979).
Site visited B.A.Malaws, January 1993.

Includes:

Engine House II (NPRN 33572).

NPRN	NAME	
85083	CWM COLLIERY, EBBW VALE: VENTILATION SHAFT	
FORM	TYPE	NGR
Other Structure	CHIMNEY	SO18780375
STATUS	SAM REF	

Description

Brick tower built over a shaft as part of the furnace ventilation system for Cwm Colliery.
Site visited B.A.Malaws, 23 November 1994.

Southeast Wales Industrial Ironworks Landscapes

NPRN	NAME	
85084	CWM COLLIERY, EBBW VALE: LEVEL ENTRANCE	
FORM	TYPE	NGR
Other Structure	LEVEL	SO18830375
STATUS	SAM REF	

Description

1. Stone-built arched mouth of a level or adit for Cwm Colliery.
Site visited B.A.Malaws, 23 November 1994

NPRN	NAME	
85089	ELLIOT COLLIERY, NEW TREDEGAR	
FORM	TYPE	NGR
Complex	COAL MINE	SO14720269
STATUS	SAM REF	

Description

The site was visited as part of a rapid assessment of collieries potentially affected by the Rhymney Valley Local Plan; only the scheduled winding engine house (NPRN 80463) with its engine and the pithead baths (NPRN 80465) remain.
Site visited B.A.Malaws, 01 September 1993.

NPRN	NAME	
80575	DERI COLLIERY	
FORM	TYPE	NGR
Documents	COAL MINE	SO12710223
STATUS	SAM REF	

Description

No further information available

Southeast Wales Industrial Ironworks Landscapes

NPRN 80487	NAME BRYNCOCH COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO12700055
STATUS	SAM REF	
Description No further information available		

NPRN 80469	NAME GROES-FAEN COLLIERY	
FORM Documents	TYPE COAL MINE	NGR SO13530062
STATUS	SAM REF	
Description No further information available		

NPRN 80464	NAME MACLAREN COLLIERY, ABERTYSSWG	
FORM Documents	TYPE COAL MINE	NGR SO137044
STATUS	SAM REF	
Description No further information available		

Southeast Wales Industrial Ironworks Landscapes

NPRN 80463	NAME ELLIOT COLLIERY, NEW TREDEGAR: WINDING HOUSE	
FORM Building	TYPE ENGINE HOUSE	NGR SO14740271
STATUS LB2*	SAM REF	

Description

1. Elliot Colliery operated from 1883 to 1967 and was owned by Powell Duffryn until nationalisation in 1947. Surviving on site are a stone-built winding house with its original engine and the pithead baths block (NPRN 80465).

NPRN 41230	NAME DUNLOP SEMTEX RUBBER FACTORY: BOILER HOUSE	
FORM Building	TYPE BOILER HOUSE	NGR SO19061140
STATUS LB2*	SAM REF	

Description

1. 1947-48.
2. Parabolic reinforced-concrete shell roof over a rectangular two-storey building. Railway coal wagons were shunted in at first floor level through the east end over an impressive concrete viaduct, which still stands; once inside the building, bottom doors in the wagons allowed coal to fall into hoppers and thence to the boilers. A stunning example of 'Festival of Britain' period architecture, complementing the main factory nearby (NPRN 41229).
Site visited B.A.Malaws, RCAHMW, 21 January 1999.

NPRN 86967	NAME WINCHESTOWN MINE WORKINGS	
FORM Earthwork	TYPE COAL WORKINGS	NGR SO182106
STATUS	SAM REF	

Description

Mining remains above Winchestown.

DKL 1999

Appendix IV Cynon Coal Sites

Colliery Name

Aberaman Colliery & Blackband Pit

Number	NGR	Date Opened	Date Closed	General Information
001	SO 016004, SO 015002	1845	1962	(See Cynon Coal page 200)

Proprietor

Crawshay Bailey

Colliery Name

Abercynon Colliery (Dowlais New Pit) (Dowlais-Cardiff Colliery)

Number	NGR	Date Opened	Date Closed	General Information
002	ST 082946	1889	1988	(See Cynon Coal page 201)

Proprietor

Dowlais Iron Steel &CC.

Colliery Name

Aberdare Level (Horseway Level)

Number	NGR	Date Opened	Date Closed	General Information
003	SN 000032	1868		(See Cynon Coal page 201)

Proprietor

Hirwaun Iron Company

Colliery Name

Abergorchi Drift (Abernant)

Number	NGR	Date Opened	Date Closed	General Information
004	SO 0212046	1870	By 1921	(See Cynon Coal page 202)

Proprietor

From 1870 Aberdare Iron Company

Colliery Name

Blaennant Colliery (Old Balance Pit)

Number	NGR	Date Opened	Date Closed	General Information
005	SO 021045	1840s	1927	(See Cynon Coal page 204)

Proprietor

Aberdare iron Company

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Brook Level (No. 1) Old Level

Number	NGR	Date Opened	Date Closed	General Information
006	SO 018030		1882	(See Cynon Coal page 204)

Proprietor

Aberdare iron Company

Colliery Name

Bryn Defaid Collieries (Bryn David) (Bryn Level)

Number	NGR	Date Opened	Date Closed	General Information
007	SO 002059	1738	1870	(See Cynon Coal page 205)

Proprietor

In 1738 unknown. In 1770 George Bowser (Ironmaster). By 1870 Aberdare Iron Company.

Colliery Name

Bryngwyn Colliery (Old)

Number	NGR	Date Opened	Date Closed	General Information
008	SN 976045	1755	1861	(See Cynon Coal page 205)

Proprietor

Accredited to Hirwaun Ironworks Co. with subsequent owners.

Colliery Name

Bryngwyn Levels (Lower) (Kirkhouse Drift) (Bevan's) (Rosser Drift).

Number	NGR	Date Opened	Date Closed	General Information
009	SN 973042	1840s	1883	See Cynon Coal page 205)

Proprietor

F Crawshay (lease holder before 1860)

Colliery Name

Bute Pit (Bute Merthyr) (Abergorki Level) (Gutter Level).

Number	NGR	Date Opened	Date Closed	General Information
010	SN 954046	Pre-1850	1906	(See Cynon Coal page 206)

Proprietor

In 1850 Hirwaun Ironworks co. (Crawshay) From 1864 to 1871 Hirwaun Coal & Iron Co. Ltd. Etc

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Cast House Level

Number	NGR	Date Opened	Date Closed	General Information
011	SO 010634	Pre-1830		(See Cynon Coal page 208)

Proprietor

Abernant Iron Co. in 1870.

Colliery Name

Coed Cae Levels

Number	NGR	Date Opened	Date Closed	General Information
012	SO 014039	1874		(See Cynon Coal page 208)

Proprietor

Probably Abernant Iron Co.

Colliery Name

Croesdy Level (also 'Patch')

Number	NGR	Date Opened	Date Closed	General Information
013	SO 001043	1880		(See Cynon Coal page 208)

Proprietor

?Proximity to Ysguborowen Colliery

Colliery Name

?Cwm Level

Number	NGR	Date Opened	Date Closed	General Information
014	SO 015058		1871	(See Cynon Coal page 208)

Proprietor

Aberdare Iron Co. Aberdare Works & Colliery Co.

Colliery Name

Cwm Nant-yr-Hwch (Level or Patch)

Number	NGR	Date Opened	Date Closed	General Information
015	Hirwaun Common just SE of Penywaun	1663		(See Cynon Coal page 209)

Proprietor

Mynyffee and Martin

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

?Daniels' Level

Number	NGR	Date Opened	Date Closed	General Information
016	SO 01669147			(See Cynon Coal page 211)

Proprietor

Mr Iago Daniels (Coking Coal)

Colliery Name

?David Williams Level (Cwm Wenallt Level)

Number	NGR	Date Opened	Date Closed	General Information
017	Abernant "near the Balance Pit" (Blaenant Pit?)	1841		(See Cynon Coal page 211)

Proprietor

David Williams (Ironstone mine)

Colliery Name

Dyllas Collieries incl. Old Drift Mountain Balance Pit (Coed-y-Garn Drift)

Number	NGR	Date Opened	Date Closed	General Information
018	SO 006058, SO 003059	1840s	Coed-y-Garn Drift 1920s	(See Cynon Coal page 214)

Proprietor

Up to 1865 Gadlys Iron Co. Etc.

Colliery Name

?Dyllas Drift Ironstone (Mine & Patch)

Number	NGR	Date Opened	Date Closed	General Information
019	Llwydcoed	1864		(See Cynon Coal page 214)

Proprietor

Waynes Merthyr Co. Ltd

Colliery Name

?Evan Bryant Mine

Number	NGR	Date Opened	Date Closed	General Information
020	SO 959049	1849		(See Cynon Coal page 214)

Proprietor

E Bryant (Cnapiog Vein –ironstone)

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Forest Levels: 1. Lower (Newton Level) (Wretched Level)

Number	NGR	Date Opened	Date Closed	General Information
021	ST 057986	1851	1891	(See Cynon Coal page 216)

Proprietor

Acquired by Aberdare Iron Co. (Fothergill)

Colliery Name

Forest Levels: 2. Upper (Mercy Level)

Number	NGR	Date Opened	Date Closed	General Information
022	SO 053991	1857	1876	(See Cynon Coal page 216)

Proprietor

Acquired by Aberdare Iron Co. (Fothergill)

Colliery Name

Forest Slope including Black Band Level

Number	NGR	Date Opened	Date Closed	General Information
023	Hirwaun Common near Bryngwyn	Pre-1850		(See Cynon Coal page 216)

Proprietor

Possibly worked by the Hirwaun Ironworks.

Colliery Name

Forge Pit including No.3 Level (Pond Level).

Number	NGR	Date Opened	Date Closed	General Information
024	SO 012030	1851	1910	(See Cynon Coal page 216)

Proprietor

Aberdare Iron Co. From 1975 The Aberdare & Plymouth Works. Etc

Colliery Name

Gadlys Colliery Old Pit and New Pit (By 1844). Victoria Pit) plus 1 Airshaft. (Also linked later to 'Pond

Flash' Airshafts.)

Number	NGR	Date Opened	Date Closed	General Information
025	SN 998026	1820	1939	(See Cynon Coal page 217)

Proprietor

In 1820 Mathew Wayne (Wayne & Co.). In 1863 known as Gadlys Iron Co.

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Gadlys Dare Mine Pit. (Pwll Mwyn).

Number	NGR	Date Opened	Date Closed	General Information
026	Located near W end of Maelgwyn Terrace Gadlys	1861	1901	(See Cynon Coal page 217)

Proprietor

In 1861 Gadlys iron Co. Etc.

Colliery Name

Glover's Levels Old and New.

Number	NGR	Date Opened	Date Closed	General Information
027	Hirwaun Common	1813		(See Cynon Coal page 218)

Proprietor

Hirwaun Ironworks Co.

Colliery Name

Gorllwyn and Black Band Levels

Number	NGR	Date Opened	Date Closed	General Information
028	SN 973040	1840s		(See Cynon Coal page 218)

Proprietor

? Hirwaun Iron Co.

Colliery Name

Gorllwyn Colliery. (Gothlyn Level) (John Bird Levels) (Old Gorllwyn).

Number	NGR	Date Opened	Date Closed	General Information
029	SN 948054	1813	1871	(See Cynon Coal page 219)

Proprietor

Pre-1813 Bowser Overton & Co. From 1818 Hirwaun Ironworks Co. etc

Colliery Name

Goetre Machine Drifts Lower and Upper

Number	NGR	Date Opened	Date Closed	General Information
030	SO 948054	1825	1866	(See Cynon Coal page 219)

Proprietor

In 1820 Hirwaun ironworks Co. In 1859 closed with ironworks. In 1865 Owned by the Hirwaun Coal and Iron Co. Bankrupt in 1871.

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Graig Colliery (Gadlys Graig) (Aberdare Graig) (Pwll-y-Graig).

Number	NGR	Date Opened	Date Closed	General Information
031	SN 995021	1855	By 1916	(See Cynon Coal page 219)

Proprietor

In 1861 Gadlys Iron Co. Etc.

Colliery Name

Graig Levels

Number	NGR	Date Opened	Date Closed	General Information
032	SO 901046	1801	1876	(See Cynon Coal page 220)

Proprietor

Hirwaun Ironworks Co. (W Crawshays) prior to 1859. Etc

Colliery Name

Gutter Level

Number	NGR	Date Opened	Date Closed	General Information
033	SN 965051	1840s		(See Cynon Coal page 220)

Proprietor

Owned at one stage by Hirwaun Iron Co. as it became the main drainage level of the Bute Pit and River Level Pit.

Colliery Name

Gwrhyd Pit

Number	NGR	Date Opened	Date Closed	General Information
034	To NE of Abernant Railway Station	Post-1875	1903	(See Cynon Coal page 221)

Proprietor

Probably Abernant Iron Co.

Colliery Name

John Bird Colliery (Nine Feet Colliery)

Number	NGR	Date Opened	Date Closed	General Information
035	Hirwaun Common	1859	1863	(See Cynon Coal page 222)

Proprietor

Probably acquired from Hirwaun Iron Co (Crawshay).

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Knobby Drift (Cnapiog Drift)

Number	NGR	Date Opened	Date Closed	General Information
036	SN 956049	1847	1865	(See Cynon Coal page 222)

Proprietor

Ownership not known - Ironstone mine

Colliery Name

Level Fach. (2) (Little Pit)

Number	NGR	Date Opened	Date Closed	General Information
037	Mountain Ash (Miskin) near Tyarlwydd Farm	1857	By 1880	(See Cynon Coal page 223)

Proprietor

Early proprietors unknown. Acquired by Fothergill (Aberdare Iron Co.) in 1872. Aberdare Plymouth Co. by 1875.

Colliery Name

Level Fawr (and Level Fawr Balance Pit)

Number	NGR	Date Opened	Date Closed	General Information
038	SN983041	1786	1847	(See Cynon Coal page 224)

Proprietor

In 1786 Messrs. Maybery Overton & Wilkins Hirwaun Ironworks. By 1790 Anthony Bacon ironmaster of Hirwaun Ironworks. In 1803 Homfray & Overton. In 1818, Hirwaun Ironworks Co. (Crawshay). In 1859 reverted to Bute Estates.

Colliery Name

Meadow Pit. (Ynys Pit).

Number	NGR	Date Opened	Date Closed	General Information
039	SO 010021	1864	By 1910	(See Cynon Coal page 226)

Proprietor

Aberdare Iron Co. Reverted to M. of Bute in 1900. Etc

Colliery Name

Mountain Pit (Abernant)

Number	NGR	Date Opened	Date Closed	General Information
040	SO 017051	1866	1927	(See Cynon Coal page 228)

Proprietor

Aberdare iron Co. In 1875 Aberdare & Plymouth Co. In 1882 James Lewis (Aberdare Works & Colliery Co.) By 1889 Bute Estates etc.

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

No. 10 Level.

Number	NGR	Date Opened	Date Closed	General Information
041	Cwmbach 100yards (est.) to the W of No. 9 Pit.	Later than 1840		(See Cynon Coal page 228)

Proprietor

Probably Aberdare Iron Co. James Lewis later (Aberdare Works & Collieries Co. Ltd.) (lease held by Aberdare Iron Co.)

Colliery Name

No. 11 Level.

Number	NGR	Date Opened	Date Closed	General Information
042	Cwmbach 100yards (est.) to the W of No. 9 Pit.	Later than 1840		(See Cynon Coal page 228)

Proprietor

Probably Aberdare Iron Co. James Lewis later (Aberdare Works & Collieries Co. Ltd.) (lease held by Aberdare Iron Co.)

Colliery Name

No. 8 Level.

Number	NGR	Date Opened	Date Closed	General Information
043	Near Colliers' Row Abernant SO 015033	1850	1910	(See Cynon Coal page 230)

Proprietor

In 1850 Aberdare Iron Co. By 1889 J Lewis (Aberdare Works & Colliery Co.) Reverted to Bute Estates later.

Colliery Name

No. 9 Colliery and level (Abernant Colliery)

Number	NGR	Date Opened	Date Closed	General Information
044	Cwmbach near Ynyscynon House. SO 017024	1840	1910	(See Cynon Coal page 230)

Proprietor

In 1840 R Fothergill (Aberdare Iron Co. Ltd) – bankrupt in 1875. From 1875 Aberdare & Plymouth Co. About 1882 James Lewis. (Aberdare Works & Colliery Co.) By 1899 reverted to Bute Estates. Etc

Colliery Name

Old Graig Colliery

Number	NGR	Date Opened	Date Closed	General Information
045	SN 936047	1858	Before 1870	(See Cynon Coal page 230)

Proprietor

Hirwaun Ironworks Co. (Crawshay). In 1864 Hirwaun Coal & Iron Co.

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Old Lime Kiln Level

Number	NGR	Date Opened	Date Closed	General Information
046	Hirwaun Common	1813		(See Cynon Coal page 230)

Proprietor

In 1813 Hirwaun Ironworks Co.

Colliery Name

Pant Level

Number	NGR	Date Opened	Date Closed	General Information
047	SN 941053	1850		(See Cynon Coal page 231)

Proprietor

? Ironstone mine

Colliery Name

Park Pit (No.1) (Parc Newydd Colliery).

Number	NGR	Date Opened	Date Closed	General Information
048	SO 004035	1860	1897	(See Cynon Coal page 231)

Proprietor

In 1860 Aberdare Iron Co. In 1875 Aberdare & Plymouth Co. About 1882 James Lewis. (Aberdare Works & Colliery Co.)

Colliery Name

Park Pit (No. 2) (Pwll Als) (Godre-Hirwaun Pit).

Number	NGR	Date Opened	Date Closed	General Information
049	(Broncynon Terrace) SN 988033	1847	1876	(See Cynon Coal page 231)

Proprietor

Hirwaun Iron Co. (Crawshay). In 1864 Hirwaun Coal & Iron Co. – bankrupt in 1871.

Colliery Name

Patch Level

Number	NGR	Date Opened	Date Closed	General Information
050	SO 019029	1891	1894	(See Cynon Coal page 231)

Proprietor

Location suggests James Lewis into Bute Period. (Aberdare Works & Colliery Co.)

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Plasdraw Level

Number	NGR	Date Opened	Date Closed	General Information
051	In grounds of Plasdraw House. SO 011027	1850	1870	(See Cynon Coal page 232)

Proprietor

Aberdare Ironworks (Fothergill). Reverted to Bute Estates by 1882.

Colliery Name

Pond Flash Pits (Glandare Mine Pit).

Number	NGR	Date Opened	Date Closed	General Information
052	Upper Glan Road, Glandare bend, Gadlys	1865	By 1870	(See Cynon Coal page 233)

Proprietor

In 1865 Hirwaun Coal & Iron Co. (Crawshay). By 1866 Hirwaun Coal & Iron Co. (Hinde). etc (Ironstone)

Colliery Name

Pwll Bach (Cwmbach Little Pit)

Number	NGR	Date Opened	Date Closed	General Information
053	SO 020017	W1866	By 1908	(See Cynon Coal page 234)

Proprietor

In 1860 Abernant Iron Co. In 1875 Aberdare & Plymouth Co. By 1888 James Lewis. (Aberdare Works & Colliery Co.) etc

Colliery Name

Pwll-yr-Afon plus adit including River Level Balance Pit.

Number	NGR	Date Opened	Date Closed	General Information
054	Hirwaun Common (shaft near Trenant and level still evident)	Pre-1840	Pre-1916	(See Cynon Coal page 234)

Proprietor

By 1850 Hirwaun Ironworks Co. (Crawshay) – probability. Acquired in the 1880s by Aberdare-Merthyr (Steam Coal) Co. etc (ironstone earlier)

Colliery Name

?Rhigos Colliery incl. Graig Levels (Pandy) (Peacock Drift) (British Rhondda Colliery)

Number	NGR	Date Opened	Date Closed	General Information
055	SN 898050 nr 'Bailey Glas' Farm.	1832	1964	(See Cynon Coal page 234)

Proprietor

Bute Estates. In 1842 David Davis (Blaengwawr) etc (ironstone earlier)

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

River Level Colliery (Lefel yr Afon) incl. Furnace Level

Number	NGR	Date Opened	Date Closed	General Information
056	SO 009034	1840	1939	(See Cynon Coal page 235)

Proprietor

Aberdare Iron Co. From 1875 Aberdare & Plymouth Co. In 1882 James Lewis. (Aberdare Works & Colliery Co.) etc.

Colliery Name

?Soap Vein Level (Coleman's)

Number	NGR	Date Opened	Date Closed	General Information
057	SN 969040	1840 W	1847	(See Cynon Coal page 235)

Proprietor

Mr J Coleman (ironstone)

Colliery Name

?Tan-y-Bryn Level

Number	NGR	Date Opened	Date Closed	General Information
058	SN 994043		1870 possibly earlier	1916 (See Cynon Coal page 235)

Proprietor

First owner unknown etc (ironstone coking coal and fireclay)

Colliery Name

?Thomas Davies Soap Vein Dip

Number	NGR	Date Opened	Date Closed	General Information
059	Hirwaun Common 790yds NW of 'Level Fawr'.	1847		(See Cynon Coal page 235)

Proprietor

Thomas Davies (?) (Ironstone)

Colliery Name

?Treman Colliery (Nici-Naci) (Williams Pit) (Pwll Bara Menyn).

Number	NGR	Date Opened	Date Closed	General Information
060	SO 017012	1846/1850	1912	(See Cynon Coal page 240)

Proprietor

David Williams of Ynyscynon. Before 1866 Crawshay Bailey. Etc (ironstone etc.)

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

Tunnel Colliery

Number	NGR	Date Opened	Date Closed	General Information
061	SO 025027	Pre-1865	By 1904	(See Cynon Coal page 240)

Proprietor

Aberdare Iron Co. (bankrupt in 1875). In 1875 Aberdare & Plymouth CC. By 1882 James Lewis. (Aberdare Works & Colliery Co.) etc

Colliery Name

?Ty'r Ergyd Colliery and Balance Pit (Wilkin's level)

Number	NGR	Date Opened	Date Closed	General Information
062	SO 003049, SO 000047	1900 W	By 1908	(See Cynon Coal page 241)

Proprietor

In 1900 John Wilkins (Old balance pit – ironstone)

Colliery Name

Ty-Rhos Big Vein

Number	NGR	Date Opened	Date Closed	General Information
063	Llwydcoed			(See Cynon Coal page 241)

Proprietor

Possibly Gadlys iron Co.(?ironstone)

Colliery Name

?William Ball Level

Number	NGR	Date Opened	Date Closed	General Information
064	SN 949044	1850s		(See Cynon Coal page 243)

Proprietor

?(?Coking coal and ironstone)

Colliery Name

?Windsor Level

Number	NGR	Date Opened	Date Closed	General Information
065	SN 017027	1890	1910	(See Cynon Coal page 243)

Proprietor

By 1892 James Lewis Co. (Aberdare Works & colliery Co.). etc (? Steam coal?)

Southeast Wales Industrial Ironworks Landscapes

Colliery Name

?Ysguborwen Colliery

Number	NGR	Date Opened	Date Closed	General Information
066	SN 997040, SN 999040	1849	1919	(See Cynon Coal page 244)

Proprietor

S. Thomas & Joseph. By 1867 S Thomas & Co. etc (Ironstone & steam coal)

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The work reported here has been informed by underlying literature as cited below. However, the nature of this study and the method of reporting is one that in only a few instances requires direct citation. Furthermore, this bibliography does not include works cited in the summary abstracts from the regional Sites and Monuments Record or the National Monuments Record, these can be found by consulting the full entry of the relevant record.

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Map of ironworks and collieries in Monmouthshire by John Prujean, 1843 (GRO: D38.28)