

Davies Homes

**ADDITIONAL LAND PARCEL, DRAGON PARC,
MERTHYR TYDFIL**

Desk Study Report

12888/LP/22/DS

CLIENT: Davies Homes

PROJECT: Additional Land Parcel, Dragon Parc,
Merthyr Tydfil

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1.0 INTRODUCTION

1.1 GENERAL

Davies Homes have acquired an additional parcel of land, adjacent to the northeast corner of their existing development site in Dragon Parc, in order to extend their original residential development area.

Intégral Géotechnique (Wales) Limited have been appointed as the Geotechnical Engineers to undertake a geoenvironmental and geotechnical desk study of the site.

The objectives of the geoenvironmental and geotechnical appraisal are to:

- Assess the degree, nature and extent of possible contamination and its implications for ownership and site development;
- Identify any geotechnical constraints on development; and
- Provide recommendations for physical site investigation works.

This report presents the findings of the desk study, and provides guidance on the scope of the geoenvironmental and geotechnical investigation.

The opinions and preliminary assessments presented are based on desk-based research and should be reviewed after intrusive investigation, if required.

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1.2 PROPOSED DEVELOPMENT

The proposed development will comprise the construction of a number of residential dwellings and associated infrastructure such as access roads, car parking areas and driveways. The development will also include areas of amenity space/open space and private gardens and will form part of the larger development area.

1.3 SCOPE OF WORKS

The work instructed included a desk study of available information, together with an initial conceptual site model. The desk study comprised a review of:

- An Envirocheck Report obtained for the site
- Old Ordnance Survey maps covering the site, included within the Envirocheck Report
- A Radon GeoReport obtained from the British Geological Survey
- A Consultants Coal Mining Report obtained from The Coal Authority
- Geological maps of the area provided by the British Geological Survey
- Natural Resources Wales groundwater vulnerability map and aquifer database for the area
- Existing site investigation data

1.4 LIMITATIONS

This document is intended to be a working document for further development in discussion with all concerned including the Local Planning Authority, Natural Resources Wales, and the NHBC as appropriate.

“Contamination” is taken throughout the report to mean the “presence of one or more potentially harmful substances as a result of human activity”. The use of the term in this way does not imply that harm is being or might be caused by the contamination. It should be noted that “contamination” can have different meanings under different regulatory regimes, for example, planning, building control and Part IIA of the Environmental Protection Act 1990. Naturally elevated concentrations of potentially harmful substances may also be of concern and the significance of any that have been found is also evaluated in this report.

2.0 THE SITE

2.1 SITE LOCATION AND DESCRIPTION

The site is located in Abercanaid, approximately 2.5km south of Merthyr Tydfil, at a National Grid Reference of 305450, 204490, see Figure 1.

The site is rectangular in shape and occupies an area of approximately 0.53 hectares. The boundaries of the site are defined by the existing future residential development site to the south and west, an existing access and car parking area to the north and the River Taff to the east. A site plan is presented in Figure 2.

The site is situated on relatively level ground at an approximate elevation of 158m AOD.

The southwest area of the site is covered with scrub vegetation which is bounded by an access road which enters the site from the west and turns to follow alongside the River Taff to enter the main adjacent development area to the south. An existing gatehouse building is located within the northeast corner of the site which is surrounded by a vegetated verge and designated car parking areas.

2.2 SITE OPERATIONS

The site has no current uses and is fenced off from the main site area.

2.3 SURROUNDING LAND USE

The areas to the south and west form part of the future residential development area and the areas to the north are developed for commercial use. The River Taff forms the eastern boundary of the site.

2.4 AVAILABLE SITE INVESTIGATION DATA

There is no available site investigation data for the site to our knowledge.

2.4 AVAILABLE SITE INVESTIGATION DATA (CONTINUED)

The residential development site to the south and west has been extensively investigated including two deep rotary probeholes located directly to the south and west of the site (PH16 and PH19). The two probeholes encountered 7m of made ground underlain by superficial deposits comprising mainly sands and gravel to 30m depth. Bedrock was not encountered within these boreholes and excessive water was encountered at 22m depth within the borehole which was drilled to the south of the site in close proximity of the river (PH16).

The locations of the boreholes are shown on Figure 2 and the engineering logs are presented in Appendix A.

3.0 SITE HISTORY

The recent history of the site has been traced with the aid of an Envirocheck Report, a copy of which is included in Appendix B. The Envirocheck Report includes the following scaled historical maps:

Map Scale	Dates
1:528	1875
1:2,500	1876-1881, 1900, 1919, 1964, 1972, 1979, 1986, 1988, 1993, 2000 (aerial photo)
1:10,560	1885, 1901, 1905, 1922, 1938, 1945 (aerial photo), 1951
1:10,000	1964-1965, 1970-1979, 1982-1989, 1999, 2006, 2022

The edition of the map dated 1876-1881 indicated an embankment of materials to cross the western area of the site on an approximately north to south orientation. This was potentially associated with a former tramway. The site was also crossed by small tracks and with areas of rough grass. Areas of spoil were noted to the south of the site and the River Taff formed the eastern boundary. Upper Abercanaid Pit was located approximately 320m to the south of the site and included associated engine houses, air shafts and a tramway network. The Glamorganshire Canal was located approximately 240m to the west. A weir was indicated to control the water flow within the river approximately 30m to the north of the site. The Taff Vale Railway ran alongside the River Taff approximately 30m to the east of the site.

The 1900 edition of the map indicated the embankment of material remained within the western area of the site and the rest of the site remained as disturbed ground and rough grass. Spoil heaps remained to the south of the site as Upper Abercanaid Pit expanded including a new engine house and additional tramways.

The 1919 edition of the map indicated the embankment of materials within the western area of the site and a large spoil mound to the south which encroached across the southern boundary. Additional spoil heaps were now also indicated to the north and northwest of the site. Upper Abercanaid Pit to the south of the site was disused by this time and the associated buildings and tramways had been removed.

3.0 SITE HISTORY (CONTINUED)

There were no significant changes to the site or the surrounding areas over the subsequent years. The 1964 edition of the map indicated the site to still be covered with spoil, disturbed ground and rough grass. The Glamorganshire Canal was disused by this time, it is understood to have closed in 1951. A slag heap was indicated beyond the river and the railway approximately 100m to the southeast of the site. New factory units had also been constructed beyond the river and the railway approximately 250m to the southeast of the site.

The edition of the map dated 1972 indicated the spoil mounds across the western and southern areas of the site were now grass covered and indicated to be disused tips. Overhead electricity cables were indicated to cross the northern area of the site on an approximately west to east orientation. New road infrastructure had been constructed to the west of the site to access a small factory unit located approximately 100m to the southwest of the site. A junction connected the road to another road which crossed the river approximately 100m to the north of the site. This road network also served new factory units which had been constructed beyond the river and the railway to the east of the site.

The 1979 edition of the map indicated the site to have been potentially slightly regraded to create a level development plateau. Development continued in the vicinity of the site including a new factory and access road approximately 50m to the northwest.

The edition of the map dated 1986 indicated the road network to have developed further with an access road now crossing the site. A gatehouse was constructed within the northwest corner with the new access road entering the site from the west, past the gatehouse, before following a southerly path across the site to access the new large factory unit which had been constructed to the south. The southwest corner of the site which was bounded by the new access road was indicated to be vegetated.

The site has remained relatively unchanged between the 1980's and the present day. The large factory building to the south of the site had been demolished to ground level by the aerial photo dated 2016. The site itself had been cleared of vegetation and fenced off to separate it from the main former factory area. The floor slab of the factory building to the south had been removed by the aerial photo dated 2019 and the crushed materials were stored as linear stockpiles across the site. The site remained fenced off and utilised for car parking.

4.0 SITE ENVIRONMENTAL SETTING

4.1 PHYSICAL SETTING

The site is located within a commercial setting on the western side of the River Taff.

The site is situated on relatively level ground at an approximate elevation of 158m AOD.

4.2 GEOLOGY

The 1:50,000 scale and 1:10,560 scale (Sheet No. SO 00 SE) geological maps of the area indicate the site is underlain by rocks of the South Wales Middle Coal Measures Formation of Carboniferous period. The rocks comprise grey, productive coal-bearing mudstones/siltstones, with seatearths and minor sandstones. The map indicates that these strata dip in a southerly direction in the area, with recorded dips of 10° indicated further to the south of the site.

The Consultants Coal Mining Report indicates the proven outcrops of three seams of coal, namely the Bute seam, the Lower Nine Feet and Bute seam, and the Lower Nine Feet Top Leaf seam beneath the site. These proven outcrops are at a slightly different location to the conjectural outcrops as indicated on the geology maps, and the Coal Authority state that they are workable. These seams would be anticipated to underlie the site at shallow depths. The conjectural outcrops of the Yard and the Seven Feet seams are indicated to the north of the site. Based on the southerly strata dips and information on the Generalised Vertical Section (GVS) these seams would be approximately 25m to 30m below the Nine Feet seam in the sequence and could therefore also underlie the site at shallow depth.

Superficial deposits of Alluvium of the Quaternary period are indicated to overlie the solid strata. Alluvium is a general term for clay, silt, sand and gravel. It would normally comprise soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.

The past history of the site indicated the presence of spoil mounds within the site. The geology map within the Envirocheck Report also indicates the site to be covered with an “artificial deposit” likely to be associated with the upfilling of land due to the proximity of the river. A significant thickness of made ground would be anticipated across the site. Information from adjacent boreholes indicates it could be at least 7m in thickness.

A summary of the anticipated geological succession is given below in Table 1.

4.2 GEOLOGY (CONTINUED)

Table 1: Summary of Anticipated Site Geology		
Geological unit	Horizon	Description
Recent	Made ground	Various materials but likely to contain colliery spoil and slag
Quaternary	Alluvium	Soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.
Carboniferous	South Wales Middle Coal Measures Formation	Grey, productive coal-bearing mudstones/siltstones, with seatearths and minor sandstones

4.3 RADON

Information with regard to Radon Protective Measures is provided within the Envirocheck Report and the BGS Radon GeoReport as presented in Appendices B and C respectively. The reports state that the site is within a lower to intermediate probability area, as less than 1% and 1% to 3% of properties are above action level, and that therefore no radon protective measures would be necessary in the construction of new buildings within the site.

4.4 MINING

The site is located within a coal mining reporting area and therefore a Consultants Coal Mining Report has been obtained from the Coal Authority and a copy is included in Appendix D. An appraisal of the mining data and its significance is presented below.

The Coal Authority states that there is no past recorded mining beneath the site.

The Coal Authority state that the probable unrecorded workings is “none”. However, this does not mean that shallow workings do not exist, but rather any information to support this has not come into the possession of the Coal Authority.

As discussed previously, the Coal Authority indicate the proven outcrops of the Bute seam, the Lower Nine Feet and Bute seam, and the Lower Nine Feet Top Leaf seam beneath the site. These seams would be anticipated to underlie the site at shallow depths.

4.4 MINING (CONTINUED)

The conjectural outcrops of the Yard and the Seven Feet seams are indicated to the north of the site. Based on the southerly strata dips and information on the Generalised Vertical Section (GVS) these seams would be approximately 25m to 30m below the Nine Feet seam in the sequence and could therefore also underlie the site at shallow depth.

There are recorded shallow workings within the Seven Feet, the Nine Feet and Four Feet seams to the south of the site, proving that these seams are worked in the area.

However, available information (BH logs presented in Appendix A and locations shown on Figure 2) confirm that a significant thickness of superficial deposits, in excess of 30m, overlie the solid strata in this area. Due to the thickness of superficial deposits, it is considered that any potential unrecorded voids would not migrate to the surface level. It is therefore concluded that the risk of ground subsidence as a result of past unrecorded shallow workings would be low.

The Coal Authority States that, with regards to mine entries that there are *“none recorded within 100m of the enquiry boundary.”*

The Coal Authority states that there are *“no faults, fissures or breaklines recorded.”*

The Coal Authority has *“not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994. There is no current Stop Notice delaying the start of remedial works or repairs to the property.”*

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

The Coal Authority states that no mine gas has been recorded within 500m of the enquiry boundary. However, a mine gas risk assessment should always be undertaken within coal mining areas in order to satisfy the guidelines within CL:AIRE document Good Practice for Risk Assessment for Coal Mine Gas Emissions, dated October 2021.

The site is located within a high-risk development area and therefore, based on the above guidelines, a mine gas risk assessment should be undertaken. The initial desk-based assessment of the site will be utilised in order to develop the level of mine gas risk within the site.

4.4 MINING (CONTINUED)

There are many sources of gas in mine workings including desorption of gas from coal and rocks, oxidation of coal, decomposition of old wood (such as pit props) and acidic mine drainage reacting with carbonate in the rocks around the seam or shaft. These gases, if produced within the old workings, would need a viable pathway to the surface such as a shaft or fractured rock above the workings.

The desk study shows that the site is located within a high-risk development area. Shallow coal workings are not recorded but there is potential for shallow unrecorded workings beneath the site. However, it is considered that any potential unrecorded workings would be covered by a significant thickness of superficial deposits therefore breaking any viable pathways.

There are no mine entries located within 100m of the site boundary. It is therefore concluded that there are no viable pathways, via old shafts or adits, for any mine gas beneath, or within an influencing distance, of the site.

No faults, fissures or breaklines are known to affect the development site. It is therefore concluded that there are no viable pathways via fractured rock or fault zones.

Based on the desk-based research, the potential risk from coal mine gas emissions at the development site is considered below:

Figure 13.1 Decision Support Tool for Mine Gas Risk Assessment, included within CL:AIRE document Good Practice for Risk Assessment for Coal Mine Gas Emissions, dated October 2021 includes a flow chart to aid the risk assessment process and decision making.

Stage 1 of the flow chart asks if the site is within a Coal Authority defined Coal Mining Reporting Area. Since the site is located within a Coal Authority defined Coal Mining Reporting Area the flow chart then asks if all of the following statements are true:

- Mine entries >50m from site boundary
- Workings >150m depth
- No faults or other potential pathways connecting surface to deeper unflooded workings
- Outside area of past or probable shallow workings on Coal Authority viewer

4.4 MINING (CONTINUED)

Based on the information gained from the desk-based research, it is considered that the Stage 1 statements are true, apart from the site being outside the area of past or probable workings on the Coal Authority viewer due to the proven conjectural outcrops beneath the site. Based on a Stage 2 assessment, which would also consider the thickness of the superficial deposits, the CL:AIRE document 'Good Practice for Risk Assessment for Coal Mine Gas Emissions dated October 2021' would classify the site as being within a "Low Risk Zone" and states that mitigation is not required based on the proposed development of the site.

Based on the above information, the risk of mine gas migration to the proposed development is considered to be low, requiring no further consideration.

The Coal Authority Interactive map indicates that the site is located within a high-risk development area due to the proven outcrop of workable seams beneath the site and to the north. However, the significant thickness of superficial deposits has been considered to assess the mining risk. It is therefore concluded that the risk of ground subsidence occurring as a result of past shallow mine workings is considered to be low and therefore no further specific coal mining related investigation is required.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK

The Envirocheck report records the nearest water feature to be located 1m to the northeast of the site. The OS Water Network Lines map indicates this to be the River Taff. The next named feature is Nant Cannaid which is located 179m to the south of the site.

The Natural Resources Wales groundwater vulnerability map and aquifer database classifies the bedrock beneath the site as a Secondary 'A' Aquifer. Secondary 'A' Aquifers are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

The Natural Resources Wales groundwater vulnerability map and aquifer database also classifies the superficial deposits beneath the site as Secondary 'A' Aquifer.

A perched water body is anticipated within the made ground which would overlie the cohesive and relatively impermeable upper layers of the superficial deposits.

It is considered possible that any existing site drainage could act as a pathway for potential surface contaminants.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

There are no effective discharge consents recorded within 250m of the site boundary. The nearest effective consent is recorded 422m to the north of the site where a Dwr Cymru sewage discharge is received by the River Taff.

The Envirocheck Report states that there are no water abstractions recorded within 250m of the site boundary. The nearest abstractions are two surface water abstractions recorded 164m and 266m to the northwest of the site with the water used for machinery and electronics-non-evaporative cooling and general use by Hoover Plc. A groundwater abstraction is recorded 272m to the northwest of the site with the water used for general washing/process washing. No further water abstractions are recorded within 1km of the site boundary.

Tables 2 and 3 present a summary of the hydrological features and key hydrogeological nature of the site.

Table 2: Summary of Site Hydrology					
Feature	Distance from site	Flow	Classification	Abstraction	Discharge
River Taff	1m northeast	Southerly	Inland river	No	Cardiff Bay
Nant Cannaid	179m south	Easterly	Inland river	No	River Taff
Surface run-off	On site	Flows into site drainage	N/A	No	Not known
Site Drainage	On site	Not known	N/A	No	Not known

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

Table 3: Summary of Site Hydrogeology				
Geological Unit	Aquifer Classification	Aquifer Characteristics	Source Protection Zone	Groundwater Abstractions
Made ground	Not classified	Highly variable permeability and porosity. Perched water may be present with variable flow directions.	No	None
Alluvium	Secondary A Aquifer	Variable moderate permeability and porosity with intergranular flow possible. High clay content likely to restrict flow.	No	None
South Wales Middle Coal Measures Formation	Secondary A Aquifer	Variable moderate permeability coal-bearing mudstones/siltstones, with seatearths and minor sandstones capable of supporting water supplies at a local rather than strategic scale	No	Off-site 272m northwest

The Groundwater Vulnerability map of the area indicates the secondary superficial aquifer to have a medium vulnerability. The pollutant speed is intermediate with well-connected fractures.

The Natural Resources Wales Flood Risk map as presented within the Envirocheck Report indicates that the eastern edge of the site is at risk to extreme flooding from rivers or sea without defences.

The Natural Resources Wales Surface Water Flood Risk map as presented within the Envirocheck Report indicates that the site is not at a high-risk to surface water flooding (1 in 30-year flood extent). The map indicates that the northwest area of the site has an intermediate risk to surface water flooding (1 in 100-year flood extent).

The BGS Groundwater Flooding Susceptibility map as presented within the Envirocheck Report indicates the site to have potential for groundwater flooding to occur at surface. It also indicates that the southwest corner has potential for groundwater flooding of property situated below ground level.

4.6 LANDFILL SITES

The Envirocheck Report indicates that there are no BGS recorded, historical or local authority recorded landfill sites or any licensed waste management facilities recorded within 1km of the site boundary.

There are records of potentially infilled land (non-water) recorded on-site and within 250m of the site boundary. The areas are indicated across the western area of the site and 125m to the northeast at the location of former spoil heaps.

There are records of potentially infilled land (water) recorded within 250m of the site boundary. The areas are indicated 152m east, 167m east and 238m southeast at the location of former surface water features.

4.7 POTENTIAL CONTAMINATION

Previous Uses

The various activities in the vicinity of the site which may have resulted in ground or water resource contamination on this site are listed below in Tables 4 and 5. Reference to Department of the Environment Industry Profiles has been made and a summary of the potential contaminants can be found in the tables.

Table 4: Potential Contaminants		
Land Use: Colliery spoil tips from pre-1880s to 1980's		
Material/Process	Contamination/Hazard	Evidence
Imported materials stockpiled within the site likely to contain colliery spoil and other waste materials	Metals, semi metals, non-metals, PAH, petroleum hydrocarbons, asbestos.	Historical maps
Possible former tramway crossing the site with additional hotspots/areas of contamination from use and maintenance	Petroleum hydrocarbons-fuels/oils	Anecdotal

4.7 POTENTIAL CONTAMINATION (CONTINUED)

Table 4: Potential Contaminants (Continued)		
Land Use: Reprofiting works/earthworks and construction of factory access by the 1980's		
Material/Process	Contamination/Hazard	Evidence
Imported made ground of unknown origin and/or earthworks to reprofile exiting spoil to create a level development plateau	Metals, semi metals, non-metals, PAH, petroleum hydrocarbons, asbestos	Historical maps
Construction of the gatehouse and roads which would have further disturbed the ground and may have utilised additional imported materials of unknown origin	Metals, semi metals, non-metals, PAH, petroleum hydrocarbons, asbestos	Historical maps

Existing Uses

The site has no current site uses. The existing site uses would not add any additional contamination concerns.

Adjacent Site Uses

Table 5: Potential Contaminants: Adjacent Site Uses		
Potential Contamination Source	Boundary	Associated Contaminants and Hazards
Future development area and access road	Western	No Potential Contaminants
Future development area	Southern	No Potential Contaminants
River Taff	Eastern	No Potential Contaminants
Access road and car parking area	Northern	No Potential Contaminants

The former factory building, which was utilised for various light industrial uses including printing of circuit surfaces and coating of metal packaging, was located approximately 100m to the south.

4.8 OTHER ENVIRONMENTAL ISSUES

The Envirocheck Report does not indicate any environmentally sensitive land to have been identified within 250m of the site boundary.

4.8 OTHER ENVIRONMENTAL ISSUES (CONTINUED)

The Envirocheck Report indicates three Local Authority Pollution Prevention and Controls in place within 250m of the site boundary. The nearest is issued to Amnitec Ltd 138m to the northwest of the site for surface cleaning. The next is issued to Ardagh Group Metal Packaging Ltd 181m to the south of the site for printing and coating of metal packaging. The final permit is located at Southern Vauxhall 231m to the northeast of the site for waste oil burners.

The Envirocheck Report indicates that there have been no pollution incidents to controlled waters recorded on site but seven within 250m of the site boundary. Three Category 1-Major Incidents were recorded 43m to 52m to the southeast of the site involving cement/mortar. Two Category 3-Minor Incidents were recorded 47m and 52m to the southeast involving crude sewage. A Category 2-Significant Incident was recorded 77m to the north involving crude sewage. An additional Category 3-Minor Incident involving an unknown pollutant was recorded 237m to the west of the site.

There have been no substantiated pollution incidents registered on site or recorded within 250m of the site boundary. The nearest incident was recorded 462m to the southeast where contaminated water from firefighting run-off caused a significant impact on air, a minor impact on water and no impact on land.

There have been no prosecutions relating to controlled waters or to authorised processes recorded on site or recorded within 1km of the site boundary.

There are three active contemporary trade directory entries within 250m of the site boundary as would be anticipated within a commercially developed area. The nearest entry is registered to Amnitec located 125m to the northwest classified a hose, tubing and fittings. A car breakdown and recovery service is registered 240m to the north and a car dealer is registered 243m to the north. The entry for Ardagh Group to the south for printed circuit services is inactive.

The site is vegetated, and it is not known if any invasive plants are present. It may be prudent to undertake a vegetation survey prior to development.

5.0 PRELIMINARY CONCEPTUAL SITE MODEL

5.1 RISK ASSESSMENT FRAMEWORK

In order to be consistent with current UK government policies and legislation, it is necessary to identify, assess, estimate, evaluate, and take appropriate action to deal with land contamination, in accordance with the procedures specified in the Environment Agency guidance Land Contamination Risk Management (LCRM) published in October 2020. This replaces the now withdrawn 'Model Procedures for the Management of Land Contamination CLR-11' (Environment Agency 2004).

The risk assessment process is designed to provide a reasoned, structured and pragmatic mechanism for the identification of any potential human health and controlled waters risks associated with land contamination and where necessary to develop a robust remediation strategy to ensure protection of the sensitive receptors (human health of future residents, controlled waters, etc).

In accordance with LCRM, the term 'land contamination' is defined as:

- All land affected by contamination – land that might have contamination present which may, or may or may not, meet the statutory definition of contaminated land,
- Land determined as contaminated land under Part 2A of the Environmental Protection Act 1990.

LCRM provides a tiered approach to risk assessment, comprising a preliminary risk assessment (including the development of an initial conceptual site model), a generic quantitative risk assessment and a detailed quantitative risk assessment. For each tier of risk assessment, the following steps must be followed:

1. Identify the hazard - establish contaminant sources,
2. Assess the hazard – use a source-pathway-receptor linkage approach to determine if there is potential for unacceptable risk,
3. Estimate the risk – predict what degree of harm or pollution may result and how likely it is to occur, and
4. Evaluate the risk – decide whether a risk is unacceptable.

LCRM also provides definitions of the following terms:

- Hazard – a property or situation that in particular circumstances could lead to harm or pollution,

5.1 RISK ASSESSMENT FRAMEWORK (CONTINUED)

- Risk – a combination of the probability, or frequency of occurrence of a defined hazard and the magnitude of the consequences of the occurrence,
- Risk assessment – the formal process of identifying, assessing and evaluating the health and environmental risks that may be associated with a hazard,
- Risk management – the formal process to identify, assess and determine the risks, and to select and take action to mitigate them.

The three essential elements to any risk are defined by LCRM as follows:

- A contaminant, or pollutant, that is in, on, or under the land and that has the potential to cause harm, or pollution (Source)
- A route by which a receptor is, or could be affected by a contaminant (Pathway)
- A receptor, i.e. something that could be adversely affected by a contaminant, for example a person, controlled waters, an organism, an ecosystem, or Part 2A receptors such as buildings, crops or animals (Receptor).

In order for there to be a potential risk, all three of the above elements must be present. If there is a source of contamination and a receptor (for example a resident or site user), then there is only a potential risk if there is a pathway linking the two. Such an active pathway is known as a relevant pollutant linkage. It is possible for the same contaminant to be linked to a receptor via a number of pathways, and hence it is important that all relevant pollutant linkages, to both human health and controlled waters, are separately identified on a site in order that a comprehensive conceptual model can be formed and ultimately a robust remediation strategy designed.

Current practice during Generic Quantitative Risk Assessment of land affected by contamination is to use generic soil screening values based on the appropriate proposed end use. These usually comprise risk-based Soil Guideline values (SGVs) or Generic Assessment Criteria (GACs) derived by the Environment Agency's Contaminated Land Exposure Assessment Model (CLEA). The SGVs and the supporting technical guidance were developed in order to assist in the assessment of long term risk to human health from the exposure to contaminated soils.

Revised Statutory Guidance, published in 2012, to support Part 2A of the Environmental Protection Act 1990, introduced a new four category system for classifying land under Part 2A. Category 1 includes land where the level of risk is clearly unacceptable and Category 4 includes land where the level of risk posed is considered to be acceptably low. Under Part 2A, land would be determined as contaminated if it falls within Categories 1 or 2.

5.1 RISK ASSESSMENT FRAMEWORK (CONTINUED)

The revised Part 2A Statutory Guidance was accompanied by an Impact Assessment that identified a role for new 'Category 4 Screening Levels' (C4SLs) that would provide a simple test for determining when land is suitable for use and definitely not contaminated land. A Policy Companion Document including the C4SLs was published in March 2014 (England) and May 2014 (Wales).

The C4SLs have been based on the CLEA methodology and derived using the CLEA model, with modified toxicological and exposure parameters. To date, C4SLs have been released for six substances (arsenic, cadmium, chromium (VI), lead, benzo(a)pyrene and benzene).

The C4SLs have been derived on the assumption that where they exist, they will be used as generic screening criteria within generic quantitative risk assessment.

Following publication of the C4SLs, Land Quality Management (LQM), in conjunction with the Chartered Institute for Environmental Health (CIEH) released Suitable 4 Use Levels (S4ULs) in January 2015.

The S4ULs have been derived in accordance with UK legislation, and using a modified version of the Environment Agency's CLEA software. As such, the S4ULs are based on the concept of minimal or tolerable risk as described in Human Health Toxicological Assessment of Contaminants in Soil (Science Report SR2, Environment Agency 2009a).

S4ULs have been derived for a wider number of substances.

In addition to the existing SGVs, C4SLs and S4ULs, Atkins ATRISK^{soil} also provide a set of Soil Screening Values. These are currently intended to be used in conjunction with SGVs, although they intend to update these values in line with the C4SLs in due course.

We have reviewed all sets of values and intend to use the most appropriate assessment criteria as Tier 1 screening values in the first instance. Where a published S4UL is available, and considered appropriate, this will be used in the first instance.

5.2 CONCEPTUAL MODEL FRAMEWORK

The preliminary stage of the risk assessment process is to develop and define a conceptual site model, based on the desk study and any existing site investigation data. This is used to establish any potential contaminant sources, identify existing and future receptors and assess if there are any potentially active pathways by which a potential risk may be present.

5.2 CONCEPTUAL MODEL FRAMEWORK (CONTINUED)

The preliminary conceptual site model will be developed and refined as site specific data is gathered, such as actual ground conditions and chemical data, resulting in a more robust conceptual understanding of the site.

5.3 CRITICAL SENSITIVE RECEPTOR – HUMAN HEALTH

The proposed redevelopment of the site is for a residential end use. Therefore, the critical sensitive receptor from a human health perspective is an on-site residential receptor.

In accordance with S4UL/C4SL and CLEA guidance for a standard residential scenario with homegrown produce, the critical sensitive receptor for a residential end use risk assessment is a female child, with exposure from 0 to 6 years.

The standard residential with homegrown produce end use conceptual model defined by S4UL/C4SL and CLEA is assumed to be suitable for the purposes of this assessment.

5.4 CRITICAL SENSITIVE RECEPTOR – CONTROLLED WATERS

Based on the proposed redevelopment of the site for a residential end use, and the findings of the desk study, the critical sensitive receptor from a controlled water perspective is groundwater within the Secondary 'A' Aquifer of the Alluvium and the underlying South Wales Middle Coal Measures Formation.

By considering groundwater as the critical sensitive receptor for controlled waters, the groundwater/hydrogeological risk assessment will also be protective of the River Taff to the east of the site.

5.5 POTENTIAL CONTAMINANT SOURCES

As identified in the desk study, the site has been historically covered with spoil materials and reprofiled prior to being developed by the 1980's. The site was the location of the gatehouse and access road associated with the factory. The factory with its associated light industrial uses was located further to the south of the site.

The potential types of contaminants of concern are listed below:

5.5 POTENTIAL CONTAMINANT SOURCES (CONTINUED)

- Metals, semi-metals, and inorganics within the shallow made ground
- Polyaromatic hydrocarbons (PAH) within the shallow made ground
- Petroleum Hydrocarbons (VPH/EPH) within the shallow made ground
- Asbestos within the shallow made ground.

5.6 POTENTIAL EXPOSURE PATHWAYS

Potential exposure pathways for the critical receptors (both human health and controlled waters) are listed below:

- Dermal contact with soil and/or soil derived dust
- Ingestion of soil and/or soil attached to home-grown produce
- Ingestion of home-grown produce
- Inhalation of soil derived dust
- Inhalation of vapours – indoor and outdoor air
- Leaching of contaminants from made ground to groundwater
- Transportation of contaminants within groundwater.

In addition, the following exposure pathways have also been considered:

- Ground gas generation and migration
- Building materials durability.

5.7 SUMMARY OF CONCEPTUAL EXPOSURE MODEL

A preliminary conceptual exposure model has been developed for the site. This is based on the findings of the desk study and historical review and includes all potential sources, pathways and receptors that may be present on site. Those that have been identified as being potentially active would require further investigation in the form of sampling and testing of soils and groundwater, followed by appropriate risk assessment.

The preliminary conceptual exposure model should be reviewed and refined following the completion of any site works and laboratory testing.

The preliminary conceptual exposure model is presented below in Table 6.

5.7 SUMMARY OF CONCEPTUAL EXPOSURE MODEL (CONTINUED)

Table 6: Preliminary Conceptual Exposure Model				
Source		Receptor	Pathway	Potentially Active Pathway?
Origin	Contaminant			
Made Ground of unknown origin and historical land uses	Metals, semi-metals, non-metals, PAH, petroleum hydrocarbons, asbestos	Resident – human health	Dermal Contact with made ground/dust	✓
			Ingestion of soil and/or soil attached to home-grown produce	✓
			Ingestion of home-grown produce	✓
			Inhalation of dust	✓
			Inhalation of vapours – indoor/outdoor	✓
	Metals, semi-metals, inorganics, PAH, petroleum hydrocarbons	Groundwater quality	Leaching from made ground	✓
	Metals, semi-metals, inorganics, PAH, petroleum hydrocarbons	Surface water quality	Transportation within groundwater	✓
Made Ground of unknown origin and natural ground	pH and water-soluble sulphate	Building Materials Durability	Direct contact	✓
Ground and Mine Gas – organic, gas producing materials present within site or adjacent to the site	Methane, carbon dioxide	Human health	Accumulation of gases in confined spaces, and/or migration off site, leading to asphyxiation, or risk of explosion	✓ Mine gas risk considered to be low, and no radon protective measures required. Ground gas risk assessment would be dependent upon the nature of the made ground

6.0 ANTICIPATED GROUND CONDITIONS

Based on the geological map data, historical records and available site investigation data, the following general succession of superficial deposits and underlying solid geology beneath the site is anticipated:

Recent

(Made Ground) Variable material but likely to contain colliery spoil and general waste products including slag

Quaternary

(Alluvium) Soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.

Carboniferous

(South Wales Middle Coal Measures Formation) Grey, productive coal-bearing mudstones/siltstones, with seatearths and minor sandstones

Available information suggests that the made ground typically comprised very clayey silty sandy gravel consisting of colliery spoil with varying content of brick, concrete, ash, clinker, slag materials and coal fragments. The made ground in the vicinity of the site was found to extend to approximately 7m depth.

The superficial deposits were found to thicken in close proximity of the river. Deep rotary probeholes, which were drilled in close proximity of the site, did not prove the thickness of the superficial deposits to the full depth of the probeholes, which were terminated at depths of 30m.

The bedrock is not anticipated to be present at shallow depths within the site.

Localised seepages of perched groundwater could be encountered within the made ground. Groundwater would be anticipated a greater depth within the granular superficial deposits.

7.0 SITE ASSESSMENT

7.1 ENVIRONMENTAL RISK ASSESSMENT

This assessment takes due regard of Contaminated Land Guidance issued by DEFRA and RICS. The methods used follow a risk-based approach with the potential environmental risk assessed qualitatively using the 'source-pathway-receptor' pollutant linkage concept set out in the Environment Protection Act 1990.

Although the risk presented in the following tables and above is descriptive, it is correlated to a numerical chance of occurrence. Therefore, the range and percentage chance of occurrence is given in order that the reader may assess the datum for the risk level. Although the percentage chance is quoted, this is still a subjective evaluation and is not prepared by probabilistic determination. Therefore, the chance of occurrence is a value judgement and not a numerical calculation. The evaluation is a simple qualitative risk assessment, which cannot make a judgement on the probability of occurrence or level of contamination. The latter two aspects require site specific information.

Reference to risk classifications is made according to the following definitions.

Low Risk	It is unlikely that the issue will arise as a liability/cost.
Medium Risk	It is possible that the issue could arise as a liability/cost. Further work is needed to clarify the risk and consequences.
High Risk	It is likely that the issue will arise as a liability/cost.

In consideration of the information gathered and presented in this report the following risk appraisal is considered appropriate.

Table 7: Environmental Risk Assessment		
Issue	Risk Category	Comments
<i>Site sensitivity</i>		
Sensitivity of site location	Low/Medium	Site is not within an environmentally sensitive area but is located adjacent to the River Taff
Environmental sensitivity of adjacent land uses	Medium	Site situated in a commercially developed area with the River Taff flowing along the eastern boundary

7.1 ENVIRONMENTAL RISK ASSESSMENT (CONTINUED)

Table 7: Environmental Risk Assessment (Continued)		
Issue	Risk Category	Comments
Contamination potential		
Potential for significant on-site contamination	Medium	- Site formed part of the original factory development but was largely undeveloped - Potential for contaminated made ground associated with past development - Hot spots/areas likely within the thick and variable made ground
Potential for contaminants migrating off from the site	Medium	
Potential for contaminants migrating onto the site	Medium	
Potential for other environmental issues to give rise to liabilities	Low	
Environmental Consequences		
Risk of pollution of controlled waters	Medium	- Any made ground encountered beneath the site is likely to be thick and variable with hot spots/areas of contamination present - Potential for gas generation within the made ground
Risk of damage to future property	Medium	
Risk of harm to human health	Medium	
Business Consequences		
Risk of liability for owner	Medium	Site has historically been largely undeveloped with the main factory building located to the south. Thick made ground with hot spots/areas is anticipated
Likelihood of designation as Contaminated Land under EPA 1990	Low/medium	
Risk of site value and/or saleability being affected	Medium	
Overall Risk	Medium	

7.2 GEOTECHNICAL HAZARDS AND CONSTRAINTS

A summary of commonly occurring geotechnical hazards is given in Table 8, together with an assessment of whether the site may be affected by each of the stated hazards. This information may be required should any future construction works, or further building expansion be proposed.

7.2 GEOTECHNICAL HAZARDS AND CONSTRAINTS (CONTINUED)

Table 8: Summary of Potential Geotechnical Hazards				
Issue (excluding contamination issues)	Hazard Status			Engineering considerations
	Likely to be present on site	Could be present on site	Unlikely to be present and/or affect the site	
Shrinkable clays		✓		Special requirements for foundation and floor design near trees
Filled and made ground	✓			Would require assessment followed by potential removal, encapsulation or remediation
Highly compressible and low bearing capacity soils including peat and soft clay		✓		Allowances should be made for the removal and replacement of any soft spots/areas
Silt rich soils susceptible to rapid loss of strength in wet conditions	✓			All formations should be protected from wet weather and site traffic
Adverse ground chemistry (including expansive slags, weathering of sulphides to sulphates)		✓		Allowances should be made for appropriate testing should any potentially combustible materials, such as coal, or any potentially expansive materials, such as slag, be encountered within the shallow excavations
Combustibility potential		✓		
Solution features			✓	
Evaporite dissolution features and subsidence			✓	
Ground subject to peri-glacial valley cambering with gulls present			✓	
Sudden lateral changes in ground conditions		✓		Potential for differences in founding levels between the previously developed and undeveloped areas of the site. Also, potential for very variable made ground
Existing sub structures (e.g. foundations and pits)	✓			Former gatehouse located within the northern area of the site. Allowances should be made for grubbing out foundations and therefore additional ground disturbance within this area

7.2 GEOTECHNICAL HAZARDS AND CONSTRAINTS (CONTINUED)

Table 8: Summary of Potential Geotechnical Hazards (Continued)				
Issue (excluding contamination issues)	Hazard Status			Engineering considerations
	Likely to be present on site	Could be present on site	Unlikely to be present and/or affect the site	
Ground subject to vibration			✓	
Underground mining (shallow)			✓	Significant thickness of superficial deposits likely to rule out any shallow mining risk
Mine entries (shafts and adits, bell pits)			✓	
Ground subject to or at risk of coastal or river erosion		✓		Care should be taken during construction works in close proximity to the River Taff
Ground subject to, or at risk from landslips or slope instability			✓	
High water table (including waterlogged ground)		✓		Allowances should be made for dealing with any groundwater or surface water using conventional pumping techniques
Culverted watercourses			✓	
Rising groundwater table due to diminishing abstraction in urban areas or cessation of deep mining			✓	

8.0 SITE INVESTIGATION PROPOSALS

Prior to redevelopment of the site, a comprehensive intrusive site investigation would be required, over the entire site, in order to facilitate a detailed technical and financial appraisal. This would enable the foundation and hardstanding design for any proposed development to be developed using specific data on the ground conditions and enable more accurate costings to be made.

Investigation works should give consideration to the following:

- Foundation design
- Excavation stability design
- Remediation requirements
- Groundwater control

In particular, the principal geoenvironmental and geotechnical issues to be addressed are:

- Foundation strata - level, strength, compressibility, and chemical characteristics
- Presence or absence of shrinkable clays
- The extent of any ground contamination, including potential asbestos in the ground
- The potential for ground gas to be present beneath the site.

Investigation techniques to be adopted should include:

- Trial pits could be used to examine the shallow ground conditions
- Shell and auger boreholes to confirm the deeper ground conditions, including the thickness of the made ground and to install gas monitoring standpipes
- Laboratory chemical testing to determine soil chemistry to include a range of organic and inorganic contaminants, and also screening for asbestos
- Laboratory geotechnical testing to determine soil plasticity
- Gas monitoring to assess risk of possible land gases dependent upon the nature of the made ground across the site.

APPENDIX A

AVAILABLE RELEVANT ROTARY PROBEHOLE LOGS

		Integral House, 7 Beddau Way Castlegate Business Park Caerphilly CF83 2AX Tel. 029 20807991 Fax. 029 20862176 mail@integralgeotec.com		Project Name: Dragon Parc				Project No.: 12392		Borehole No.: PH16 Sheet 1 of 1	
Location: Merthyr Tydfil				Client: Huntley Wood Investments				Coordinates: 305472.00mE 204413.00mN		Hole Type: RO	
Equipment: Klemm 802				Diameter of Casing: 150mm				Level: 157.00mAOD		Scale 1:200	
Diameter of Boring: 142mm				Depth of Casing: 25.50m				Dates 28/03/2019 - 29/03/2019		Logged By: DT	

Well	Water Strikes	Rotary Coring					Depth (m)	Level (m AOD)	N Value	Legend	Stratum Description		
		Depth (m)	TCR	SCR	RQD	FI							
											MADE GROUND (Driller's Description)	1	
												2	
												3	
												4	
												5	
												6	
		7.00						150.00				TILL (Driller's Description)	7
												8	
												9	
												10	
												11	
												12	
		12.50						144.50				SANDS and GRAVEL (silt) (wet) (Driller's Description)	13
												14	
												15	
												16	
												17	
												18	
												19	
												20	
												21	
												22	
												23	
												24	
												25	
		25.50						131.50				SILT and SAND (excessive water) (Driller's Description)	26
												27	
												28	
												29	
		30.00						127.00				End of Borehole at 30.00 m	30
										31			
										32			
										33			
										34			
										35			
										36			
										37			
										38			
										39			
										40			

Remarks: 1. Rotary open probehole from GL to 30.0m 2. Probehole noted as wet from 12.5m and excessive water from 22.5m.		Key: D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample SPT - Standard Penetration Test (split spoon) CPT - Standard Penetration Test (solid cone)		W - Water sample U - Undisturbed sample TCR - Total Core Recovery SCR - Solid Core Recovery RQD - Rock Quality Designation		
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		Integral House, 7 Beddau Way Castlegate Business Park Caerphilly CF83 2AX Tel. 029 20807991 Fax. 029 20862176 mail@integralgeotec.com		Project Name: Dragon Parc				Project No.: 12392		Borehole No.: PH19 Sheet 1 of 1	
Location: Merthyr Tydfil				Client: Huntley Wood Investments				Coordinates: 305416.00mE 204477.00mN		Hole Type: RO	
Equipment: Klemm 802				Diameter of Casing: 150mm				Level: 160.00mAOD		Scale 1:200	
Diameter of Boring: 142mm				Depth of Casing: 15.00m				Dates 29/03/2019 - 29/03/2019		Logged By: DT	

Well	Water Strikes	Rotary Coring					Depth (m)	Level (m AOD)	N Value	Legend	Stratum Description		
		Depth (m)	TCR	SCR	RQD	FI							
											MADE GROUND (Driller's Description)	1	
												2	
												3	
												4	
												5	
												6	
		7.00						153.00			TILL (Driller's Description)	7	
												8	
												9	
												10	
		11.00						149.00			SANDS and GRAVEL (Driller's Description)	11	
												12	
												13	
												14	
												15	
												16	
												17	
												18	
												19	
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												24	
												25	
												26	
												27	
												28	
		30.00						130.00				End of Borehole at 30.00 m	30
													31
											32		
											33		
											34		
											35		
											36		
											37		
											38		
											39		
											40		

Remarks: 1. Rotary open probehole from GL to 30.0m 2. Probehole noted as wet				Key: D - Small disturbed sample B - Bulk disturbed sample ES - Environmental soil sample SPT - Standard Penetration Test (split spoon) CPT - Standard Penetration Test (solid cone)				W - Water sample U - Undisturbed sample TCR - Total Core Recovery SCR - Solid Core Recovery RQD - Rock Quality Designation					
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APPENDIX B

ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

304307693_1_1

Customer Reference:

12888/LP

National Grid Reference:

305450, 204490

Slice:

A

Site Area (Ha):

0.53

Search Buffer (m):

1000

Site Details:

Dragon Parc
Abercanaid
Merthyr Tydfil
CF48 1PQ

Client Details:

MR H Pritchard
Integral Geotechnique
Integral House
7 Beddau Way
Castlegate Business Park
Caerphilly
CF83 2AX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	45
Hazardous Substances	-
Geological	48
Industrial Land Use	59
Sensitive Land Use	70
Data Currency	71
Data Suppliers	77
Useful Contacts	78

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			7	16
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7		3	8	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 9		Yes		
Pollution Incidents to Controlled Waters	pg 9		7	1	7
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 12		1	1	
River Quality Biology Sampling Points	pg 12			1	
River Quality Chemistry Sampling Points	pg 13		1		
Substantiated Pollution Incident Register	pg 13			1	
Water Abstractions	pg 14			3	(*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 15	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 16	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 16		16	63	173

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 45	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 45	1	1	6	15
Potentially Infilled Land (Water)	pg 46		3	5	8
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 48	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 48	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 50		2	7	28
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 57	Yes	n/a	n/a	n/a
Mining Instability	pg 57	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 57		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 57		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 57	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 57	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 57	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 58	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 58	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 59		5	25	22
Fuel Station Entries	pg 63			2	
Points of Interest - Commercial Services	pg 63			4	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 64		10	12	11
Points of Interest - Public Infrastructure	pg 67		2	4	20
Points of Interest - Recreational and Environmental	pg 69				4
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 70			1	11
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 70			1	
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (E)	0	1	305453 204485
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	0	1	305450 204450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	33	1	305453 204400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	70	1	305450 204600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	233	1	305700 204600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	244	1	305650 204700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	254	1	305700 204650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	255	1	305600 204750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	257	1	305750 204500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	268	1	305750 204550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	273	1	305453 204800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	346	1	305600 204850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	351	1	305850 204485
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	380	1	305100 204750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	410	1	305000 204485
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	439	1	305900 204650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	465	1	305000 204750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	470	1	305453 205000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	479	1	305700 204950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Hoover Plc Property Type: Domestic Type Electrical Equipment Location: Merthyr Tydfil - Hoover Ltd Pentreb, Pentrebach Authority: Natural Resources Wales Catchment Area: River Taff Reference: Ae2022001 Permit Version: 2 Effective Date: 21st January 1985 Issued Date: 21st January 1985 Revocation Date: 24th February 1993 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: River Taff Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	347	2	305640 204130
1	Discharge Consents Operator: Hoover Plc Property Type: Domestic Type Electrical Equipment Location: Merthyr Tydfil - Hoover Ltd Pentreb, Pentrebach Authority: Natural Resources Wales Catchment Area: River Taff Reference: Ae2022001 Permit Version: 1 Effective Date: 20th February 1964 Issued Date: 20th February 1964 Revocation Date: 20th January 1985 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: River Taff Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	347	2	305640 204130
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso Willow Gas Works Merthyr Tydfil, Nr 4 Eastfield Place, Twynrolyn, Merthyr Tydfil, Cf47 0up Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: An0091001 Permit Version: 3 Effective Date: 7th October 2019 Issued Date: 7th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Taff Status: Effective Positional Accuracy: Located by supplier to within 10m	A18SW (N)	422	2	305370 204950
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso Willow Gas Works Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: An0091001 Permit Version: 2 Effective Date: 21st December 2001 Issued Date: 20th December 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Taff Status: Effective Positional Accuracy: Located by supplier to within 10m	A18SW (N)	422	2	305370 204950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso Willow Gas Works Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: An0091001 Permit Version: 2 Effective Date: 21st December 2001 Issued Date: 20th December 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Taff Status: Effective Positional Accuracy: Located by supplier to within 10m	A18SW (N)	422	2	305370 204950
3	Discharge Consents Operator: Davies D Property Type: Domestic Property (Multiple) Location: Behind 7-12 Anthony Grove Merthyr, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0073701 Permit Version: 1 Effective Date: 29th June 1988 Issued Date: 29th June 1988 Revocation Date: 31st March 1995 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Soak Away Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A8NW (S)	455	2	305300 204000
4	Discharge Consents Operator: Celtic Technologies Limited Property Type: Civil Engineering Location: Groundwater Remediation Treatment @, Former Willows Gasworks, The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, Cf48 1yh Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Eprnb3735aw Permit Version: 1 Effective Date: 15th April 2013 Issued Date: 15th April 2013 Revocation Date: 23rd December 2013 Discharge Type: Groundwater - Borehole Discharge: Into Land Environment: Receiving Water: Groundwater Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	460	2	305285 204973
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfil, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0267902 Permit Version: 2 Effective Date: 20th December 1997 Issued Date: 19th December 1997 Revocation Date: 6th January 1999 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Trib Of The River Taff Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0267901 Permit Version: 2 Effective Date: 22nd November 1997 Issued Date: 21st November 1997 Revocation Date: 6th January 1999 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Trib Of River Taff Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0268001 Permit Version: 2 Effective Date: 22nd November 1997 Issued Date: 21st November 1997 Revocation Date: 6th January 1999 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Trib Of River Taff Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0267901 Permit Version: 1 Effective Date: 20th September 1996 Issued Date: 20th September 1996 Revocation Date: 21st November 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Trib Of River Taff Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A14SE (E)	715	2	306193 204278
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0267801 Permit Version: 1 Effective Date: 20th September 1996 Issued Date: 20th September 1996 Revocation Date: 7th October 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Tributary Of The River Taff Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0268001 Permit Version: 1 Effective Date: 20th September 1996 Issued Date: 20th September 1996 Revocation Date: 21st November 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Trib Of River Taff Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0267802 Permit Version: 1 Effective Date: 20th September 1996 Issued Date: 20th September 1996 Revocation Date: 7th October 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Tributary Of The River Taff Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278
5	Discharge Consents Operator: Celtic Energy Ltd Property Type: Coal Extraction, Surface Location: Area C (Final Effluent Lagoon) Graw, Graweth Farm Occs Merthyr Tydfi, Merthyr Tydfil Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0267902 Permit Version: 1 Effective Date: 20th September 1996 Issued Date: 20th September 1996 Revocation Date: 19th December 1997 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Trib Of The River Taff Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	306193 204278
6	Discharge Consents Operator: Delves Solid Fuels (Sw) Ltd Property Type: Undefined Or Other Location: Pentrebach Tip - Point Y Authority: Natural Resources Wales Catchment Area: River Taff Reference: Ag0004102 Permit Version: 1 Effective Date: 25th November 1980 Issued Date: 25th November 1980 Revocation Date: 23rd September 1992 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Unnamed Watercourse Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A14SE (E)	753	2	306250 204400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Merthyr Tydfil - Willows Gas W Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0091001 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 20th December 2001 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Taff Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A18NW (N)	821	2	305360 205350
8	Discharge Consents Operator: The Leisure Fund Limited Partnership Property Type: Recreational & Cultural Location: Rhyd-Y-Car Leisure Centre Mt, Rhyd-Y-Car, Merthyr Tydfil, Cf48 1ut Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0413101 Permit Version: Not Supplied Effective Date: 12th December 2016 Issued Date: 28th November 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Gb109057033100: Taff - Conf Taf Fechan To Conf R Cynon Status: Effective Positional Accuracy: Located by supplier to within 10m	A17NE (N)	965	2	305112 205448
8	Discharge Consents Operator: The Leisure Fund Limited Partnership Property Type: Recreational & Cultural Location: Rhyd-Y-Car Leisure Centre Mt, Rhyd-Y-Car, Merthyr Tydfil, Cf48 1ut Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: An0413101 Permit Version: 2 Effective Date: 12th December 2016 Issued Date: 28th November 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Taff Status: Effective Positional Accuracy: Located by supplier to within 10m	A17NE (N)	965	2	305112 205448
8	Discharge Consents Operator: Atlantic Properties Ltd Property Type: Sewerage Network - Pumping Station - Others Location: Rhyd-Y-Car Leisure Centre Mt, Rhyd-Y-Car, Merthyr Tydfil, Cf48 1ut Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0413101 Permit Version: 1 Effective Date: 28th September 2007 Issued Date: 28th September 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Taff Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (N)	965	2	305112 205448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Beic Parcio Cymru Ltd Property Type: Recreational & Cultural Location: Bikepark Wales, Gethin Woodland Centre, Abercanaid, Merthyr Tydfil, Cf48 1yz Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: Bb3197fk Permit Version: 1 Effective Date: 19th March 2019 Issued Date: 19th March 2019 Revocation Date: Not Supplied Discharge Type: Trade And Other Matter Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Graig Status: Effective Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	979	2	305057 203532
9	Discharge Consents Operator: Beic Parcio Cymru Property Type: Recreational & Cultural Location: Beic Parcio Wales, Gethin Woodland Centre, Abercanaid, Merthyr Tydfil, Cf48 1yz Authority: Natural Resources Wales Catchment Area: TAFF - CONF TAF FECHAN TO CONF R CYNON Reference: Ab3591cp Permit Version: 1 Effective Date: 14th August 2017 Issued Date: 14th August 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Graig Status: Effective Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	979	2	305057 203532
10	Discharge Consents Operator: Delves Solid Fuels (Sw) Ltd Property Type: Undefined Or Other Location: Pentrebach Tip - Point X Authority: Natural Resources Wales Catchment Area: River Taff Reference: Ag0004101 Permit Version: 1 Effective Date: 25th November 1980 Issued Date: 25th November 1980 Revocation Date: 23rd September 1992 Discharge Type: Freshwater Discharge: Not Supplied Environment: Receiving Water: Pond On Nant Wern Las Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A14NE (E)	996	2	306450 204750
11	Local Authority Pollution Prevention and Controls Name: Amnitech Ltd Location: Abercanaid, CF48 1UX Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/45 Surface cleaning Status: Application Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	138	3	305280 204578
12	Local Authority Pollution Prevention and Controls Name: Ardagh Group Metal Packaging Ltd Location: Dragon Parc, Abercanaid, MERTHYR TYDFIL, Mid Glamorgan, CF48 1PQ Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/7(04) Dated: 1st June 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG6/7 Printing and coating of metal packaging Status: Not Supplied Positional Accuracy: Manually positioned to the address or location	A13SW (S)	181	3	305369 204266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Local Authority Pollution Prevention and Controls Name: Southern Vauxhall Location: Pentrebach Road, Merthyr Tydfil, CF48 1ya Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG1.1/01/13 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Not Supplied Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	231	3	305565 204740
14	Local Authority Pollution Prevention and Controls Name: R-Tek Ltd Location: Unit 1 Triangle Business Park, Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4TQ Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Pg 6/32(97)-1 Dated: 1st March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG6/32 Adhesive coating Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A13SE (E)	272	3	305770 204426
14	Local Authority Pollution Prevention and Controls Name: Glamorgan Paint Stovers Location: Unit 7, Triangle Business Park, Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4BE Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/31(96)02 Dated: 12th June 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG6/31 Powder coating processes (including sheradizing) Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A13SE (E)	283	3	305778 204403
15	Local Authority Pollution Prevention and Controls Name: Triumph Business Systsems Location: Tbs (South Wales) Ltd, The Willows, Abercanaid Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/3 Chemical treatment of timber and wood-based products Status: Application exempt from APC Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	371	3	305216 204847
15	Local Authority Pollution Prevention and Controls Name: Tbs (South Wales) Ltd Location: Triumph Works, The Willows, MERTHYR TYDFIL, Mid Glamorgan, CF48 1YH Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) Status: Application exempt from APC Positional Accuracy: Automatically positioned to the address	A18SW (NW)	415	3	305190 204883
16	Local Authority Pollution Prevention and Controls Name: Hoover Ltd Location: Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4TU Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PG 6/23(92)-1 Dated: 1st February 1994 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A13SE (SE)	376	3	305740 204159
16	Local Authority Pollution Prevention and Controls Name: Hoover Ltd Location: Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4TU Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/31(96)02/02 Dated: 1st February 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG6/31 Powder coating processes (including sheradizing) Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A13SE (SE)	377	3	305740 204158

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Local Authority Pollution Prevention and Controls Name: Hoovers Ltd Location: Pentebach Road, Plymouth Street, MERTHYR TYDFIL, CF48 4TU Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/31(96)02/02 Dated: 1st November 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG6/31 Powder coating processes (including sheradizing) Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	378	3	305741 204157
17	Local Authority Pollution Prevention and Controls Name: Evans Halshaw Location: Pentrebach Road, MERTHYR TYDFIL, Mid Glamorgan, CF48 1YA Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/34(04) Dated: 1st June 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18SE (N)	398	3	305511 204922
18	Local Authority Pollution Prevention and Controls Name: Merthyr Institute For The Blind Location: Unit F, Maesgwynne Industrial Estate, Cefn Coed, MERTHYR TYDFIL, Mid Glamorgan, CF48 2SD Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/2(04)1 Dated: 1st July 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	503	3	305920 204173
18	Local Authority Pollution Prevention and Controls Name: Merthyr Institute For The Blind Location: Unit F Maesgwynne Industrial Estate, Merthyr Tydfil Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: PPC/PG6/2(04)3 Dated: 4th May 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	503	3	305920 204173
19	Local Authority Pollution Prevention and Controls Name: Top Coast Wales Ltd (Prev. Glamorgan Paint Stovers) Location: Unit 7, Triangle Business Park Authority: Merthyr Tydfil County Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/31 Powder coating processes (including sheradizing) Status: Application exempt from APC Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	538	3	305993 204236
	Nearest Surface Water Feature	A13NE (NE)	1	-	305484 204499
20	Pollution Incidents to Controlled Waters Property Type: Road Location: Pentrebach Authority: Environment Agency, Welsh Region Pollutant: Cement/Mortar Note: Poor Operational Practise Incident Date: 5th August 1994 Incident Reference: 21251 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	43	4	305505 204405

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Road Location: ABERCANAID Authority: Environment Agency, Welsh Region Pollutant: Cement/Mortar Note: Poor Operational Practise Incident Date: 5th August 1994 Incident Reference: 21251 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	46	4	305500 204400
20	Pollution Incidents to Controlled Waters Property Type: Road Location: Pentrbach Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Poor Operational Practise Incident Date: 5th August 1994 Incident Reference: 21251 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	47	4	305505 204400
20	Pollution Incidents to Controlled Waters Property Type: Road Location: Abercanaid Park Authority: Environment Agency, Welsh Region Pollutant: Cement/Mortar Note: Poor Operational Practise Incident Date: 5th August 1994 Incident Reference: 21251 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	51	4	305500 204395
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Hoovers Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 15th August 1994 Incident Reference: 21230 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	52	4	305505 204395
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Below Merthyr, 100 Yards Below, Brandy Bridge Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 12th October 1994 Incident Reference: 21322 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	77	4	305500 204600
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Upper Abercanaid Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 5th February 1997 Incident Reference: 31272 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	237	4	305200 204400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th September 1996 Incident Reference: 30098 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	474	4	305300 203980
24	Pollution Incidents to Controlled Waters Property Type: Road Location: Behind Hoovers Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Accidental Spillage/Leakage Incident Date: 29th July 1991 Incident Reference: 1182 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Burst Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	550	4	306000 204700
25	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: College, Crackers, Triangle Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Vandalism Incident Date: 26th September 1995 Incident Reference: 26293 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	672	4	306000 204000
26	Pollution Incidents to Controlled Waters Property Type: Road Location: Trevethicks Tunnel Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Poor Operational Practise Incident Date: 17th April 1991 Incident Reference: 305 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	749	4	306100 204000
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Opposite Fire Station Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th August 1995 Incident Reference: 25643 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	830	4	304600 204350
28	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: School Authority: Environment Agency, Welsh Region Pollutant: Foam/Soap Suds Note: Accidental Spillage/Leakage Incident Date: 15th December 1994 Incident Reference: 22129 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	832	4	306200 204000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Below Pentreback Railway Station Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Neglect Incident Date: 9th May 1991 Incident Reference: 389 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	859	4	306000 203750
30	Pollution Incidents to Controlled Waters Property Type: Not Given Location: At Footbridge, Near The Weir Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 28th May 1997 Incident Reference: 32500 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	895	4	305200 205400
	River Quality Name: Taff GQA Grade: River Quality A Reach: Conf.Nant Cannaid-Nant Rhyd Y Car Estimated Distance (km): 1.5 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A13NE (E)	70	4	305555 204516
	River Quality Name: Taff GQA Grade: River Quality A Reach: Conf.Nant Y Maen-Nant Cannaid Estimated Distance (km): 4.8 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A8NE (SE)	493	4	305709 204001
31	River Quality Biology Sampling Points Name: Taff Reach: Confluence Nant Y Maen To Nant Cannaid Estimated Distance: 4.80 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2007 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A8NE (S)	458	4	305600 204000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	River Quality Chemistry Sampling Points Name: Taff Reach: Confluence Nant Cannaid To Nant Rhyd Y Car Estimated Distance: 1.50 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied	A13NE (N)	113	4	305461 204637
33	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 4th November 2002 Incident Reference: 118733 Water Impact: Category 3 - Minor Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Firefighting Run-Off	A9NW (SE)	462	2	305805 204102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Water Abstractions Operator: Hoover Plc Licence Number: 21/57/22/0025 Permit Version: 100 Location: Nant Canaid At Glyn-Dyrys Authority: Natural Resources Wales Abstraction: Machinery And Electronics: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	264	2	305160 204615
34	Water Abstractions Operator: Hoover Plc Licence Number: 21/57/22/0025 Permit Version: 100 Location: Nant Canaid At Glyn-Dyrys Authority: Natural Resources Wales Abstraction: Machinery And Electronics: General Use (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nant Canaid Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	266	2	305160 204620
35	Water Abstractions Operator: TBS (South Wales) Ltd Licence Number: 21/57/22/0035 Permit Version: 100 Location: Borehole At Tbs (South Wales) Ltd Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole - Depth 93 M Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th October 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	272	4	305190 204690
	Water Abstractions Operator: P Forker Contractors Limited Licence Number: 21/57/22/0037 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: River Daily Rate (m3): 300 Yearly Rate (m3): 15000 Details: River Taff Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NW (NW)	1677	4	304700 206050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: Low	A13NW (E)	0	2	305453 204485
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (E)	0	2	305453 204485
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (E)	0	2	305453 204485
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (E)	0	2	305480 204490
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13NE (E)	22	2	305508 204501
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (N)	62	2	305454 204583
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	67	2	305514 204381
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13NW (N)	88	2	305452 204610
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	150	2	305345 204665
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	151	2	305431 204680
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (N)	154	2	305430 204683
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	200	2	305420 204730
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (N)	201	2	305420 204731
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (S)	203	2	305529 204245
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	235	2	305411 204765

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NW (N)	239	2	305410 204770
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	250	2	305407 204780
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (E)	0	2	305479 204490
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 283.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	11	5	305498 204496
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 422.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	14	5	305487 204537
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	14	5	305487 204537
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	42	5	305499 204563
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	160	5	305333 204671
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	164	5	305314 204663

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 281.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	179	5	305468 204254
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 341.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	190	5	305552 204262
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	193	5	305552 204262
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 258.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	195	5	305553 204260
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	222	5	305680 204621
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	227	5	305615 204706
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	240	5	305172 204569
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	246	5	305199 204379
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	248	5	305214 204334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	248	5	305214 204334
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	251	5	305594 204749
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	255	5	305272 204241
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	255	5	305272 204241
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	259	5	305169 204625
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	259	5	305169 204625
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	262	5	305148 204526
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	293	5	305223 204237
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	293	5	305223 204237

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 280.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	297	5	305663 204758
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	297	5	305663 204758
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	298	5	305222 204231
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 293.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	302	5	305223 204221
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 278.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	303	5	305159 204700
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	304	5	305223 204221
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	343	5	305147 204257
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	344	5	305144 204260
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (NW)	348	5	305084 204652

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	353	5	305851 204426
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	355	5	305853 204428
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	355	5	305853 204428
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	363	5	305861 204445
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	367	5	305866 204450
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 298.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	367	5	305361 204075
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	368	5	305867 204453
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	378	5	305875 204477
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	389	5	305886 204486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	402	5	305333 204045
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	409	5	305063 204279
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 249.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	412	5	305365 204940
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	412	5	305365 204940
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	413	5	305335 204033
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	419	5	305384 204949
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	422	5	304998 204441
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	425	5	304999 204641
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A8NW (S)	428	5	305293 204030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	428	5	305921 204380
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	429	5	305403 204959
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	429	5	304996 204640
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	429	5	304996 204640
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	433	5	305411 204963
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	436	5	305931 204386
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	436	5	305420 204966
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	436	5	305931 204386
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 241.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	444	5	305440 204973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	446	5	305603 204013
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	446	5	305603 204013
98	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	447	5	304963 204541
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	453	5	305629 204014
100	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	455	5	304956 204557
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A8NW (S)	458	5	305271 204007
102	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	458	5	304952 204549
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	459	5	305270 204006
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	470	5	304993 204291

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	471	5	304940 204553
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	472	5	305000 204265
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	472	5	305956 204571
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	479	5	304982 204293
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	482	5	305560 203965
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	489	5	305964 204619
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 756.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	489	5	305647 203981
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	489	5	305647 203981
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	490	5	305948 204665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	495	5	305291 203961
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	502	5	304909 204565
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	502	5	304909 204565
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	506	5	304905 204568
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	506	5	305550 203938
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	509	5	304902 204565
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	512	5	304948 204290
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 339.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	513	5	305006 204160
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	513	5	305274 203947

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	515	5	305003 204163
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (NW)	520	5	304976 204817
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	538	5	305675 205027
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (NE)	538	5	305974 204737
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	541	5	306038 204407
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	541	5	306038 204407
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	542	5	305516 203895
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	543	5	304868 204561
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	544	5	305517 203893

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	544	5	305518 203893
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	544	5	305517 203893
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	546	5	305855 204921
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	550	5	306046 204398
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	551	5	305064 204959
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	555	5	304857 204584
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	555	5	304857 204584
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	557	5	304856 204584
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	557	5	305863 204929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	557	5	305495 203878
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 347.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	558	5	305029 204057
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	558	5	305489 203876
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	563	5	304904 204264
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	568	5	306066 204449
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	569	5	304887 204290
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	569	5	305461 203864
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (NE)	574	5	305982 204803
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	574	5	305454 203858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	576	5	304879 204290
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	581	5	304856 204706
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	581	5	304856 204706
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	588	5	304907 204189
154	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	589	5	304905 204189
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	596	5	305048 205004
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	600	5	304811 204491
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 357.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	606	5	304844 204302
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A19SW (NE)	607	5	305975 204875

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	608	5	305976 204876
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	613	5	305705 205095
161	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	614	5	304985 204022
162	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	617	5	304795 204575
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	618	5	305317 203827
164	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	620	5	304792 204573
165	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	620	5	304792 204573
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	621	5	304991 204005
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	623	5	304789 204572

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	625	5	304786 204563
169	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	626	5	304785 204570
170	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	630	5	304782 204568
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	633	5	304778 204568
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	641	5	305981 204924
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	642	5	304769 204567
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	649	5	304917 204952
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	653	5	305259 205166
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 232.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	653	5	305259 205166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	666	5	305363 203771
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 277.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	669	5	306005 204938
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	673	5	306140 204660
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 264.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A17SE (NW)	673	5	304914 204986
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	673	5	304914 204986
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	674	5	304917 204989
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	680	5	304953 205034
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	682	5	306139 204697
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	682	5	306139 204697

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	682	5	306170 204327
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	692	5	305355 203746
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	695	5	305251 203764
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	705	5	304991 205097
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	710	5	306163 204197
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	711	5	306163 204193
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (NE)	715	5	305785 205172
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (SE)	715	5	306165 204188
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	726	5	305542 205249

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NE (E)	739	5	306228 204567
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (SE)	741	5	306187 204174
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	745	5	306203 204202
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	750	5	305347 203688
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	751	5	305462 205280
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	755	5	306205 204180
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	756	5	306207 204183
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	757	5	305322 203685
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	763	5	306229 204226

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	763	5	306229 204226
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (SE)	765	5	306211 204168
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	769	5	305333 203671
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	771	5	305330 203670
208	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 280.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A8SW (S)	780	5	305350 203658
209	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	804	5	305307 203639
210	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 361.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Graig Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SW (S)	804	5	305307 203639
211	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NE (E)	816	5	306311 204526
212	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	816	5	305826 205264

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	816	5	305821 205267
214	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NE (E)	822	5	306317 204525
215	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NE (E)	825	5	306320 204523
216	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	825	5	304892 205172
217	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 365.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	828	5	306324 204520
218	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	828	5	306324 204520
219	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	829	5	306324 204522
220	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	833	5	306329 204524
221	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	843	5	306018 203783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	851	5	306245 204896
223	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	851	5	306245 204896
224	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	853	5	304699 205003
225	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A19NW (NE)	853	5	305997 205204
226	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	863	5	306356 204545
227	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	873	5	306303 204107
228	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A9NE (SE)	873	5	306303 204108
229	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	873	5	306303 204107
230	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18NW (N)	873	5	305154 205365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	874	5	305160 205368
232	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cwmblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	874	5	305844 205320
233	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	875	5	304559 204327
234	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	877	5	304781 205142
235	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	878	5	306371 204547
236	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	878	5	306371 204547
237	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	880	5	306309 204105
238	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	880	5	306309 204105
239	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	884	5	306046 205203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 239.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	885	5	306232 204990
241	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	885	5	306232 204990
242	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A9NE (E)	886	5	306329 204138
243	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	886	5	306329 204138
244	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18NW (N)	886	5	305155 205379
245	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	886	5	305155 205379
246	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	888	5	306315 204098
247	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	888	5	306315 204098
248	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	890	5	306178 205077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	891	5	305152 205384
250	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	894	5	305856 205336
251	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	895	5	304536 204336
252	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	896	5	306348 204160
253	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	897	5	304534 204336
254	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	897	5	304534 204336
255	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	900	5	305867 205338
256	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwm-bwch Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	900	5	305867 205338
257	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	902	5	305148 205393

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmlblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	902	5	305860 205343
259	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NW (NW)	908	5	304754 205158
260	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NW (NW)	908	5	304754 205158
261	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	916	5	304738 205152
262	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	919	5	304515 204324
263	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 353.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cannaid Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	928	5	304507 204318
264	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	932	5	304677 205105
265	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	933	5	304677 205107
266	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	936	5	306383 204140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
267	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	936	5	306381 204133
268	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	948	5	306353 204892
269	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	953	5	304495 204261
270	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	955	5	306224 203826
271	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 92.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	967	5	306422 204743
272	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	967	5	304455 204383
273	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	970	5	306178 203755
274	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	974	5	306411 204107
275	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	977	5	306415 204107

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
276	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	977	5	304658 205154
277	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	978	5	306226 205156
278	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	978	5	306386 204892
279	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	978	5	304657 205154
280	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 243.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	980	5	306418 204108
281	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NW (NW)	982	5	304700 205208
282	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15NW (E)	995	5	306467 204674
283	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A3NE (S)	995	5	305521 203441
284	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A3NE (S)	996	5	305522 203440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A3NE (S)	996	5	305522 203440
286	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cwmbblacs Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	997	5	305903 205428
287	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A19NW (NE)	998	5	306034 205355

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Merthyr Tydfil County Borough Council - Has supplied landfill data		0	3	305453 204485
288	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NW (E)	0	-	305453 204485
289	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (NE)	125	-	305605 204548
290	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SW (W)	262	-	305183 204374
291	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SW (SW)	317	-	305282 204158
292	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	416	-	305914 204470
293	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NW (S)	456	-	305396 203979
294	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	465	-	305956 204365
295	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NE (SW)	499	-	305077 204092
296	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (SE)	603	-	306031 204165
297	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NE (NW)	626	-	304826 204758
298	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SW (NE)	636	-	306027 204849
299	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NE (W)	647	-	304780 204674
300	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NE (SW)	686	-	305070 203856
301	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A7NE (SW)	702	-	304882 204010
302	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12SW (W)	712	-	304725 204340
303	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	722	-	305385 203712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
304	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	723	-	305389 203711
305	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NW (W)	742	-	304668 204529
306	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A7NE (SW)	743	-	304787 204082
307	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7SE (SW)	813	-	305080 203704
308	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SE (NE)	857	-	306140 205070
309	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NE (NW)	911	-	304807 205212
310	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A17SW (NW)	911	-	304566 204875
311	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A13SE (E)	152	-	305651 204426
312	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A13NE (E)	167	-	305646 204557
313	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A13SE (SE)	238	-	305650 204264
314	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NE (W)	347	-	305067 204586
315	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NE (W)	358	-	305055 204579
316	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18SW (N)	404	-	305378 204933
317	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SW (NW)	464	-	305234 204959
318	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A8NE (S)	484	-	305547 203960
319	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	738	-	305410 205268
320	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	765	-	305589 205282
321	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17NE (NW)	818	-	305043 205261
322	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NE (N)	853	-	305639 205363

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
323	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	863	-	304560 204678
324	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A9NE (SE)	887	-	306305 204077
325	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9SW (SE)	903	-	306114 203786
326	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A19SE (NE)	977	-	306242 205135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13NW (E)	0	1	305453 204485
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (E)	0	1	305453 204485
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 35 - 45 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NE (N)	38	1	305470 204566
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13SW (SW)	119	1	305326 204390
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	200	1	305623 204664
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NE (NE)	215	1	305656 204648
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	216	1	305633 204677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	265	1	305180 204660
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	432	1	305453 204000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NW (NW)	808	1	305121 205285
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	814	1	305866 205242
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	819	1	304746 204000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	873	1	305988 205234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SW (NW)	881	1	304665 205000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SE (SW)	911	1	304843 203746
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	927	1	306183 205129
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	932	1	305453 203500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	968	1	304477 204273
327	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125668 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (S)	148	1	305411 204287

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
328	BGS Recorded Mineral Sites Site Name: Pen-Cae-Bach Pits Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125681 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (E)	247	1	305727 204557
329	BGS Recorded Mineral Sites Site Name: Penyard Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90890 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	291	1	305700 204715
330	BGS Recorded Mineral Sites Site Name: Lucy No 4 Level Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 188623 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	328	1	305220 204191
330	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125662 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	373	1	305190 204157
331	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125661 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	349	1	305112 204318
332	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125666 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	353	1	305415 204080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
333	BGS Recorded Mineral Sites Site Name: Pen-Cae-Bach Cottage Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125683 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NW (E)	357	1	305843 204544
334	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125663 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	377	1	305250 204107
335	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90889 Type: Underground Status: Ceased Operator: Hill'S Plymouth Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	508	1	305630 205010
335	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90888 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	521	1	305670 205010
335	BGS Recorded Mineral Sites Site Name: Prospect House Pit Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125680 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	543	1	305702 205021
336	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 1 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90883 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	525	1	305920 204810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
336	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 1 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90883 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	525	1	305920 204810
337	BGS Recorded Mineral Sites Site Name: Graig Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125667 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	540	1	305399 203894
338	BGS Recorded Mineral Sites Site Name: Ellis Pit (Disused) Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125691 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	562	1	306061 204453
339	BGS Recorded Mineral Sites Site Name: Pen-Yard House Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125687 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	635	1	306029 204843
340	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125652 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SE (W)	653	1	304813 204247
341	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	727	1	305805 205175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
341	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	727	1	305805 205175
342	BGS Recorded Mineral Sites Site Name: Ellis Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90885 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	728	1	306225 204495
343	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125651 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	768	1	304800 204010
344	BGS Recorded Mineral Sites Site Name: Graig Cottage Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125655 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	775	1	304947 203835
345	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	789	1	305835 205230
345	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	789	1	305835 205230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
345	BGS Recorded Mineral Sites Site Name: Cwm Blacks Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90891 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	832	1	305870 205260
346	BGS Recorded Mineral Sites Site Name: Graig Location: Abercanaid, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125658 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	823	1	305065 203701
347	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 2 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90884 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	827	1	306270 204765
347	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 2 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90884 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	827	1	306270 204765
348	BGS Recorded Mineral Sites Site Name: The Willows Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125647 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	840	1	304715 205003
349	BGS Recorded Mineral Sites Site Name: Merthyr Common Coal Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90919 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	847	1	305985 205205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
350	BGS Recorded Mineral Sites Site Name: Glyn-Dyrys Pit Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125645 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NW (W)	848	1	304579 204700
351	BGS Recorded Mineral Sites Site Name: Lower Colliers Row Tips Location: Abercanaid, Merthyr Tydfil, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 6114 Type: Tip Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mine Waste Tip (Colliery) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	890	1	304600 204900
352	BGS Recorded Mineral Sites Site Name: Graig Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125698 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	909	1	306374 204202
353	BGS Recorded Mineral Sites Site Name: Wern-Las Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125700 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	917	1	306411 204351
354	BGS Recorded Mineral Sites Site Name: Wern-Las House Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125703 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A15SW (E)	998	1	306496 204404
355	BGS Recorded Mineral Sites Site Name: Upper Clyn-Mil Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125701 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (E)	999	1	306428 204836

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (E)	0	6	305453 204485
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (E)	0	-	305453 204485
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	38	1	305470 204566
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	119	1	305326 204390
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	186	1	305652 204593
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305481 204491
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	22	1	305510 204497
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	119	1	305326 204390
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	212	1	305694 204542
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	212	1	305694 204542
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	249	1	305733 204541
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305481 204491
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	22	1	305510 204497
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	212	1	305694 204542

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	250	1	305745 204487
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	305453 204501
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	305453 204501
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
356	Contemporary Trade Directory Entries Name: Amnitec Location: Abercanaid, Merthyr Tydfil, CF48 1UX Classification: Hose, Tubing & Fittings Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	125	-	305292 204572
356	Contemporary Trade Directory Entries Name: Amnitec Location: Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1UX Classification: Hose, Tubing & Fittings Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	139	-	305280 204578
357	Contemporary Trade Directory Entries Name: Ardagh Group Location: Unit A, Dragon Parc, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1PQ Classification: Printed Circuit Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	228	-	305360 204219
358	Contemporary Trade Directory Entries Name: N P V Recovery Ltd Location: Unit 2 Willows House, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13NW (N)	240	-	305386 204769
359	Contemporary Trade Directory Entries Name: Baylis Vauxhall Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YA Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	243	-	305563 204753
359	Contemporary Trade Directory Entries Name: Thomas & Davies Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YB Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	275	-	305537 204794
359	Contemporary Trade Directory Entries Name: King David Tyres Ltd Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	317	-	305526 204839
360	Contemporary Trade Directory Entries Name: Kasai Location: Unit 1/3, Triangle Business Park, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TQ Classification: Prop Shaft Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	272	-	305770 204427
361	Contemporary Trade Directory Entries Name: Mon Motors Group Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned to the address or location	A13NE (N)	293	-	305477 204818
362	Contemporary Trade Directory Entries Name: Excel Hydraulics Ltd Location: Abercanaid Industrial Estate, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	303	-	305357 204829
362	Contemporary Trade Directory Entries Name: A.M.R. Motors Location: The Old Gas Works, The Willows, Abercanard, Merthyr Tydfil, Mid Glamorgan, CF47 8XB Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	317	-	305312 204832

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
363	Contemporary Trade Directory Entries Name: Marshalls Caravans Location: The Marshalls, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1YL Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	312	-	305150 204321
364	Contemporary Trade Directory Entries Name: Kwik Fit - Merthyr Tydfil Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	336	-	305512 204860
365	Contemporary Trade Directory Entries Name: Speedy Hire Location: Pentrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YA Classification: Machine Tool Accessories & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	348	-	305452 204876
366	Contemporary Trade Directory Entries Name: Usc (Europe) Ltd Location: Dragon Parc, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1PQ Classification: Can Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	373	-	305798 204225
366	Contemporary Trade Directory Entries Name: Impress Location: Dragon Parc, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1PQ Classification: Aerosols Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	382	-	305825 204248
366	Contemporary Trade Directory Entries Name: Usc (Europe) Location: Dragon Parc, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1PQ Classification: Aerosols Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	385	-	305830 204251
367	Contemporary Trade Directory Entries Name: Hoover Service Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TU Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	376	-	305740 204159
367	Contemporary Trade Directory Entries Name: Hoover European Appliance Group Location: Pentrebach, MERTHYR TYDFIL, Mid Glamorgan, CF48 4TU Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	376	-	305740 204159
367	Contemporary Trade Directory Entries Name: C M Downton Ltd Location: Dragon Parc, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1PQ Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	377	-	305740 204158
368	Contemporary Trade Directory Entries Name: The Merthyr Tydfil Institute For The Blind Location: Unit 4, Triangle Business Park, Pentrebach, Merthyr Tydfil, CF48 4TQ Classification: Wood Products, Except Furniture - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	393	-	305861 204294
369	Contemporary Trade Directory Entries Name: Evans Halshaw Ford Merthyr Tydfil Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	403	-	305511 204927
369	Contemporary Trade Directory Entries Name: Evans Halshaw Body Centre Merthyr Tydfil Location: Pendrebach Road, Merthyr Tydfil, Mid Glamorgan, CF48 1YA Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the address or location	A18SE (N)	403	-	305511 204927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
370	Contemporary Trade Directory Entries Name: Triumph Location: Triumph Works, The Willows, Merthyr Tydfil, CF48 1YH Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	415	-	305190 204882
370	Contemporary Trade Directory Entries Name: Triumph Business Systems Location: Triumph Works, The Willows, Merthyr Tydfil, Mid Glamorgan, CF48 1YH Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	415	-	305190 204883
370	Contemporary Trade Directory Entries Name: Triumph Furniture Ltd Location: Triumph Works, The Willows, Merthyr Tydfil, CF48 1YH Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	415	-	305190 204882
371	Contemporary Trade Directory Entries Name: Dairycrest Dairies Ltd Location: Abercanaid Industrial Estate, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	425	-	305278 204934
371	Contemporary Trade Directory Entries Name: Davies European Service Ltd Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, Mid Glamorgan, CF48 1YF Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	425	-	305278 204934
372	Contemporary Trade Directory Entries Name: Galbox Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TU Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	447	-	305836 204154
373	Contemporary Trade Directory Entries Name: Cymru Healthcare Supplies Location: Unit 6, Triangle Business Park, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TQ Classification: Medical Equipment Maintenance & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	498	-	305961 204261
373	Contemporary Trade Directory Entries Name: Glamorgan Paint Stovers Ltd Location: Unit 7, Triangle Business Park, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TQ Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	537	-	305992 204236
374	Contemporary Trade Directory Entries Name: U T S Rescue & Recovery Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	526	-	305254 205033
374	Contemporary Trade Directory Entries Name: A-Klass Freight Services Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	526	-	305254 205033
374	Contemporary Trade Directory Entries Name: Alans Tyre Shop Location: THE WILLOWS, ABERCANAID INDUSTRIAL ESTATE, ABERCANAID, MERTHYR TYDFIL, CF48 1YF Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	526	-	305254 205033

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
375	Contemporary Trade Directory Entries Name: Cellar Services Location: Nant y Mynydd, Abercanaid, Merthyr Tydfil, CF48 1YS Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	548	-	305489 203886
376	Contemporary Trade Directory Entries Name: Soten Uk Ltd Location: Unit 4, Triangle Business Park, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TQ Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A14SW (SE)	548	-	305960 204151
377	Contemporary Trade Directory Entries Name: Clean Extreme Location: 14, Gladstone Terrace, Merthyr Tydfil, Mid Glamorgan, CF47 0UU Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	580	-	305448 205109
378	Contemporary Trade Directory Entries Name: Comet Location: Triangle Business Park, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TQ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	646	-	305995 204034
379	Contemporary Trade Directory Entries Name: Motofix Location: PLYMOUTH STREET, MERTHYR TYDFIL, CF47 0TT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	674	-	305446 205203
380	Contemporary Trade Directory Entries Name: Wynrain Cottage Croft Location: 2, River Row, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1UJ Classification: Garden Ornament Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	687	-	305711 203794
381	Contemporary Trade Directory Entries Name: P C World Location: Unit C3, Triangle Business Park, Pentrebach, Merthyr Tydfil, CF48 4TQ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	728	-	306049 203971
382	Contemporary Trade Directory Entries Name: Smooth Operators Location: Green Haven, Church View, Abercanaid, Merthyr Tydfil, CF48 1TJ Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (SE)	730	-	305779 203773
383	Contemporary Trade Directory Entries Name: W J Hughes Painters & Decorators Location: 47, Clare Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YL Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	747	-	305328 205272
383	Contemporary Trade Directory Entries Name: Kaykel Communications Location: 41, Clare Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YN Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	749	-	305359 205277
384	Contemporary Trade Directory Entries Name: Wedgewood Developments Location: Pentrebach Indust Est, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4TU Classification: Builders' Tools & Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NE (SE)	779	-	306172 204056

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
384	Contemporary Trade Directory Entries Name: Aa Service Centre Location: Unit A Pentrebach Indust Est, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4BQ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NE (SE)	788	-	306181 204053
385	Contemporary Trade Directory Entries Name: Tribotics Location: The Archers, Clare St, Merthyr Tydfil, Mid Glamorgan, CF47 0YL Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	791	-	305295 205313
386	Contemporary Trade Directory Entries Name: System Electrical Engineers Ltd Location: Unit 13, Pentrebach Industrial Estate, Pentrebach, Merthyr Tydfil, Mid Glamorgan, CF48 4BE Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	791	-	306143 203988
387	Contemporary Trade Directory Entries Name: S A S Location: 28a, Ernest Street, Merthyr Tydfil, Mid Glamorgan, CF47 0YP Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	845	-	305329 205371
388	Contemporary Trade Directory Entries Name: Adlam Builders Location: 11, Alexander Place, Abercanaid, Merthyr Tydfil, Mid Glamorgan, CF48 1SJ Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	906	-	305965 203671
389	Contemporary Trade Directory Entries Name: Twyn Launderette Location: Glasier rd, Merthyr Tydfil, Mid Glamorgan, CF47 0TD Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	915	-	305540 205438
390	Contemporary Trade Directory Entries Name: Russell Roberts Auto Repairs Location: Ernest St, Merthyr Tydfil, Mid Glamorgan, CF47 0YP Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	970	-	305256 205488
391	Fuel Station Entries Name: Thomas And Davies Location: Pentrebach Road , Ysgubor Newydd , Merthyr Tydfil, Merthyr Tydfil, CF48 1YB Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13NE (N)	275	-	305537 204794
392	Fuel Station Entries Name: Evans Halshaw Location: Pentrebach Road , Ysgubor Newydd , Merthyr Tydfil, Merthyr Tydfil, CF48 1YA Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A18SE (N)	403	-	305507 204928
393	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	336	7	305512 204860
393	Points of Interest - Commercial Services Name: IMO - arc Clean Car Centres Location: Pentrebach Road, Merthyr Tydfil, CF48 1YA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SW (N)	391	7	305453 204919

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
394	Points of Interest - Commercial Services Name: Davies European Transport Location: The Willows, Abercanaid Industrial Estate, Merthyr Tydfil, CF48 1YF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	425	7	305278 204934
395	Points of Interest - Commercial Services Name: Hoover Location: Pentrebach, Merthyr Tydfil, CF48 4TU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	488	7	305845 204104
396	Points of Interest - Commercial Services Name: A-class Freight Services Location: Abercanaid Industrial Estate, Abercanaid, Merthyr Tydfil, CF48 1YF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	526	7	305254 205033
396	Points of Interest - Commercial Services Name: Davies European Service Ltd Location: Abercanaid Industrial Estate, Abercanaid, Merthyr Tydfil, CF48 1YF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	526	7	305254 205033
397	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	17	7	305473 204423
398	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NW (NW)	119	7	305294 204555
398	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	132	7	305280 204552
399	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	124	7	305616 204407
399	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SE (SE)	129	7	305617 204396
400	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SW (SW)	157	7	305320 204333
400	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	163	7	305316 204329
401	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	225	7	305222 204654

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
402	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (S)	244	7	305365 204201
402	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (S)	249	7	305356 204198
402	Points of Interest - Manufacturing and Production Name: Tanks Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	254	7	305367 204189
403	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	262	7	305617 204213
404	Points of Interest - Manufacturing and Production Name: Abercanaid Industrial Estate Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	292	7	305265 204784
405	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SE (SE)	374	7	305741 204162
405	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	392	7	305746 204143
406	Points of Interest - Manufacturing and Production Name: Factory Location: CF48 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SW (NW)	377	7	305223 204858
406	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	385	7	305215 204862
407	Points of Interest - Manufacturing and Production Name: Triangle Business Park (Parc Busnes Y Triongl) Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	379	7	305831 204264
407	Points of Interest - Manufacturing and Production Name: Triangle Business Park (Parc Busnes Y Triongl) Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	394	7	305840 204251
407	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	435	7	305874 204228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
408	Points of Interest - Manufacturing and Production Name: Tank Location: CF48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	477	7	305695 204013
409	Points of Interest - Manufacturing and Production Name: Shaft Location: CF48 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	499	7	305529 203941
409	Points of Interest - Manufacturing and Production Name: Shaft Location: CF48 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A8NE (S)	507	7	305532 203933
410	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	546	7	305780 203979
411	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	550	7	305134 205006
412	Points of Interest - Manufacturing and Production Name: Business Centre Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	613	7	306043 204166
413	Points of Interest - Manufacturing and Production Name: Triangle Business Park Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	670	7	306041 204053
413	Points of Interest - Manufacturing and Production Name: Parc Busnes Y Triongl Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	702	7	306059 204025
414	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: CF48 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	695	7	306148 204200
415	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	783	7	306155 204021
416	Points of Interest - Manufacturing and Production Name: D Wigley Location: Upper Glynmil Cottage, Mountain Hare, Merthyr Tydfil, CF48 4AJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A19SW (NE)	823	7	306108 205057
417	Points of Interest - Manufacturing and Production Name: Orbit Business Centre Location: Merthyr Tydfil, CF48 1DL Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A17NW (NW)	950	7	304778 205240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
417	Points of Interest - Manufacturing and Production Name: Orbit Business Centre Location: CF48 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	958	7	304774 205247
418	Points of Interest - Public Infrastructure Name: Weir Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	46	7	305473 204571
418	Points of Interest - Public Infrastructure Name: Weir Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	50	7	305480 204575
419	Points of Interest - Public Infrastructure Name: Weir Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	347	7	305143 204256
419	Points of Interest - Public Infrastructure Name: Weir Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	354	7	305134 204257
420	Points of Interest - Public Infrastructure Name: Burial Ground Location: CF48 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	416	7	305360 204024
420	Points of Interest - Public Infrastructure Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	419	7	305360 204021
421	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	661	7	304749 204537
421	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	663	7	304747 204537
422	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	731	7	304944 205094
422	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	747	7	304944 205114
423	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	772	7	304667 204740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
423	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	783	7	304661 204759
424	Points of Interest - Public Infrastructure Name: Pentre-Bach Rail Station Location: CF48 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A9SW (SE)	814	7	305985 203795
424	Points of Interest - Public Infrastructure Name: Pentrebach Station Location: Nr Anthony Hill Court (Cwrt Anthony Hill), CF48 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A9SW (SE)	814	7	305985 203795
425	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	816	7	304715 204061
425	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	832	7	304698 204060
426	Points of Interest - Public Infrastructure Name: Sluice Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	868	7	304542 204513
426	Points of Interest - Public Infrastructure Name: Sluice Location: CF48 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	877	7	304533 204513
427	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	904	7	304717 205111
427	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	957	7	304688 205159
428	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	925	7	304495 204663
428	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	931	7	304488 204662
429	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	991	7	304482 204878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
429	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	993	7	304473 204860
430	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	992	7	304419 204565
431	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF48 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	1000	7	304439 204770
432	Points of Interest - Recreational and Environmental Name: Play Area Location: CF47 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	681	7	305352 205209
433	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Glasier Road, CF47 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	833	7	305581 205352
433	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	835	7	305591 205353
433	Points of Interest - Recreational and Environmental Name: Play Area Location: CF47 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	885	7	305538 205408

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
434	Ancient Woodland Name: Not Supplied Reference: 16788 Area(m²): 10561.02 Type: Ancient and Semi-Natural Woodland	A13NW (NW)	321	2	305153 204722
435	Ancient Woodland Name: Not Supplied Reference: 16786 Area(m²): 3994.53 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	573	2	304954 204132
436	Ancient Woodland Name: Not Supplied Reference: 9479 Area(m²): 26285.39 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	612	2	304997 204011
437	Ancient Woodland Name: Not Supplied Reference: 18403 Area(m²): 5831.23 Type: Ancient and Semi-Natural Woodland	A14NW (E)	645	2	306114 204646
438	Ancient Woodland Name: Not Supplied Reference: 7446 Area(m²): 8912.52 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	702	2	305048 203851
439	Ancient Woodland Name: Not Supplied Reference: 16785 Area(m²): 8368.16 Type: Ancient and Semi-Natural Woodland	A8SW (S)	709	2	305228 203756
440	Ancient Woodland Name: Not Supplied Reference: 16783 Area(m²): 78398.37 Type: Ancient and Semi-Natural Woodland	A8SW (S)	760	2	305322 203682
441	Ancient Woodland Name: Not Supplied Reference: 9478 Area(m²): 1382.28 Type: Ancient and Semi-Natural Woodland	A8SW (S)	762	2	305142 203732
442	Ancient Woodland Name: Not Supplied Reference: 18404 Area(m²): 5177.83 Type: Ancient and Semi-Natural Woodland	A14NE (E)	866	2	306357 204563
443	Ancient Woodland Name: Not Supplied Reference: 16787 Area(m²): 83828.44 Type: Ancient and Semi-Natural Woodland	A12NW (W)	898	2	304512 204500
444	Ancient Woodland Name: Not Supplied Reference: 7447 Area(m²): 139885.15 Type: Ancient and Semi-Natural Woodland	A7NW (SW)	923	2	304656 203946
445	Ancient Woodland Name: Not Supplied Reference: 18407 Area(m²): 20107.73 Type: Ancient and Semi-Natural Woodland	A14NE (E)	958	2	306408 204761
446	Sites of Special Scientific Interest Name: Cwm Glo A Glyndyrys Multiple Areas: N Total Area (m2): 1813102.27 Source: Natural Resources Wales Reference: 159733wnl Designation Details: Biological Designation Date: 23rd January 2003 Date Type: Notified	A12NE (W)	391	2	305019 204530

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Natural Resources Wales Powys County Council - Public Protection Department Rhondda Cynon Taff County Borough Council - Environmental Services Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department	June 2020 October 2017 October 2017 September 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 July 2022	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2021 July 2022	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Powys County Council - Public Protection Department Caerphilly County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division Merthyr Tydfil County Borough Council - Environmental Health Department	May 2014 September 2014 September 2014 September 2016	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Powys County Council - Public Protection Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department	May 2014 September 2014 September 2014 September 2016	Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Powys County Council - Public Protection Department Caerphilly County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division Merthyr Tydfil County Borough Council - Environmental Health Department	May 2014 September 2014 September 2014 September 2016	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2022	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Natural Resources Wales Environment Agency Wales - South East Area	August 2022 January 2021	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Natural Resources Wales Environment Agency - Welsh Region	July 2022 October 2022	Quarterly Quarterly
Water Industry Act Referrals Natural Resources Wales Environment Agency - Welsh Region	July 2022 October 2017	Quarterly
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually
Superficial Aquifer Designations Natural Resources Wales	January 2018	Annually
Source Protection Zones Natural Resources Wales	July 2022	Annual Rolling Update
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Flooding from Rivers or Sea without Defences Natural Resources Wales	September 2020	
Areas Benefiting from Flood Defences Natural Resources Wales	November 2019	Quarterly
Flood Water Storage Areas Natural Resources Wales	August 2019	Quarterly
Flood Defences Natural Resources Wales	November 2019	Quarterly
OS Water Network Lines Ordnance Survey	October 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	May 2018	Annually
Surface Water Suitability Natural Resources Wales	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Natural Resources Wales Environment Agency Wales - South East Area	October 2021 October 2022	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South East Area Natural Resources Wales	July 2021 July 2022	Quarterly Quarterly
Local Authority Landfill Coverage Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council Rhondda Cynon Taff County Borough Council	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Caerphilly County Borough Council - Environmental Health Department Merthyr Tydfil County Borough Council - Environmental Health Department Powys County Council Rhondda Cynon Taff County Borough Council	October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency Wales - South East Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Brecon Beacons National Park Caerphilly County Borough Council - Planning Department Powys County Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department Merthyr Tydfil County Borough Council - Planning Department	August 2008 February 2016 February 2016 February 2016 September 2007	Annual Rolling Update Variable Variable Variable Variable
Planning Hazardous Substance Consents Brecon Beacons National Park Caerphilly County Borough Council - Planning Department Powys County Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department Merthyr Tydfil County Borough Council - Planning Department	August 2008 February 2016 February 2016 February 2016 September 2007	Annual Rolling Update Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2022	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	September 2022	Quarterly
Points of Interest - Education and Health PointX	September 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2022	Quarterly
Points of Interest - Public Infrastructure PointX	September 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually

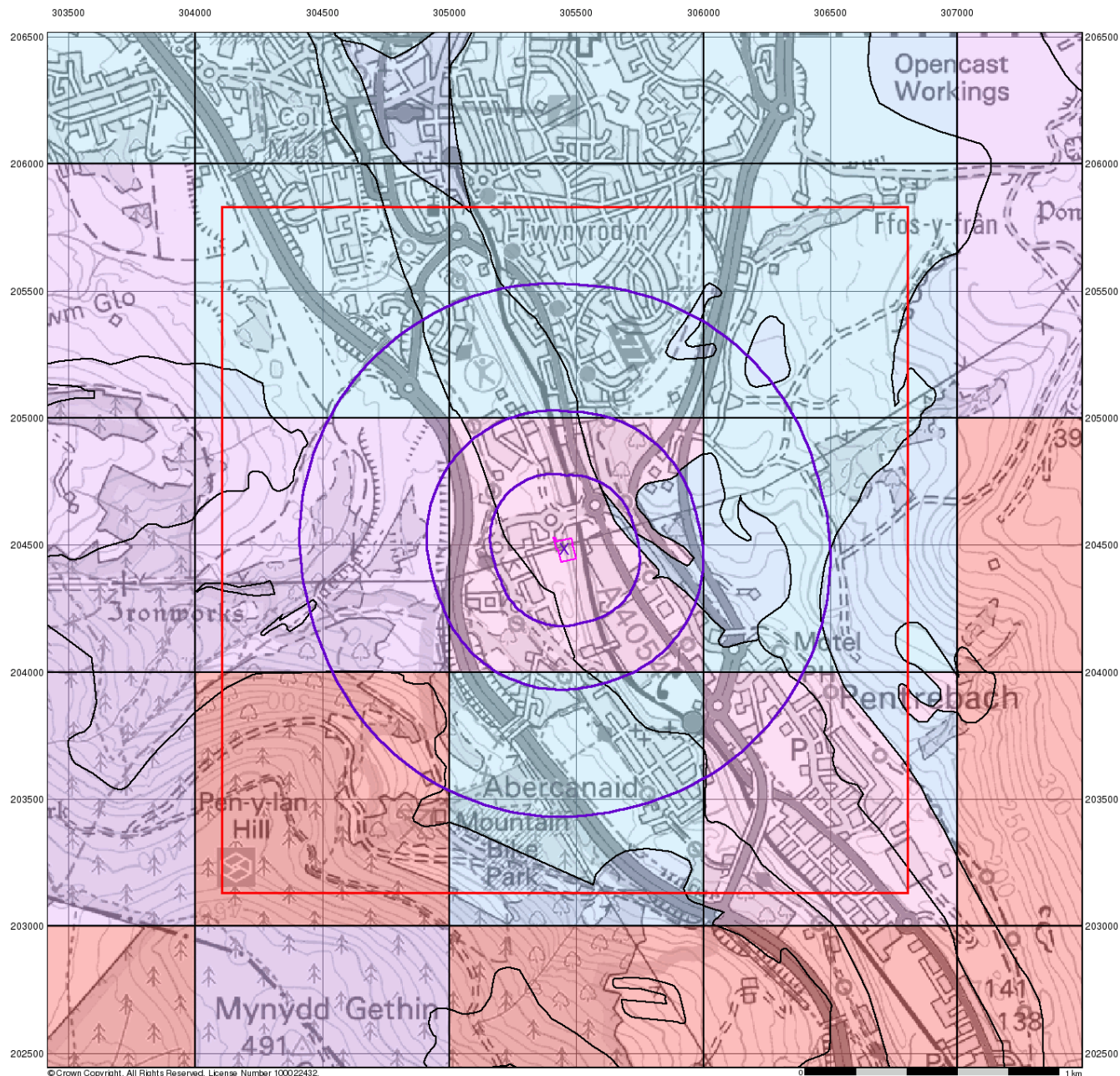
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	September 2018	Bi-Annually
Areas of Adopted Green Belt Brecon Beacons National Park Caerphilly County Borough Council Merthyr Tydfil County Borough Council Powys County Council Rhondda Cynon Taff County Borough Council	July 2022 July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Brecon Beacons National Park Caerphilly County Borough Council Merthyr Tydfil County Borough Council Powys County Council Rhondda Cynon Taff County Borough Council	July 2022 July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural Resources Wales	August 2022	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Caerphilly County Borough Council Merthyr Tydfil County Borough Council Powys County Council Rhondda Cynon Taff County Borough Council	August 2018 August 2018 August 2018 August 2018	Bi-Annually Bi-Annually Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	February 2022	Bi-Annually
National Parks Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
Ramsar Sites Natural Resources Wales	July 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2020	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2020	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology and Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	Merthyr Tydfil County Borough Council - Environmental Health Department Civic Centre, Castle Street, Merthyr Tydfil, Mid Glamorgan, CF47 8AN	Telephone: 01685 725000 Fax: 01685 725024 Website: www.merthyr.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



Intégral

Géotechnique

Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Bedrock Aquifers

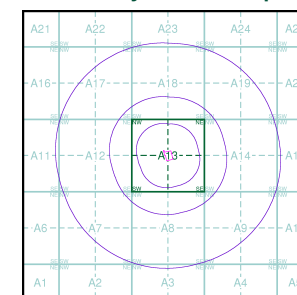
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

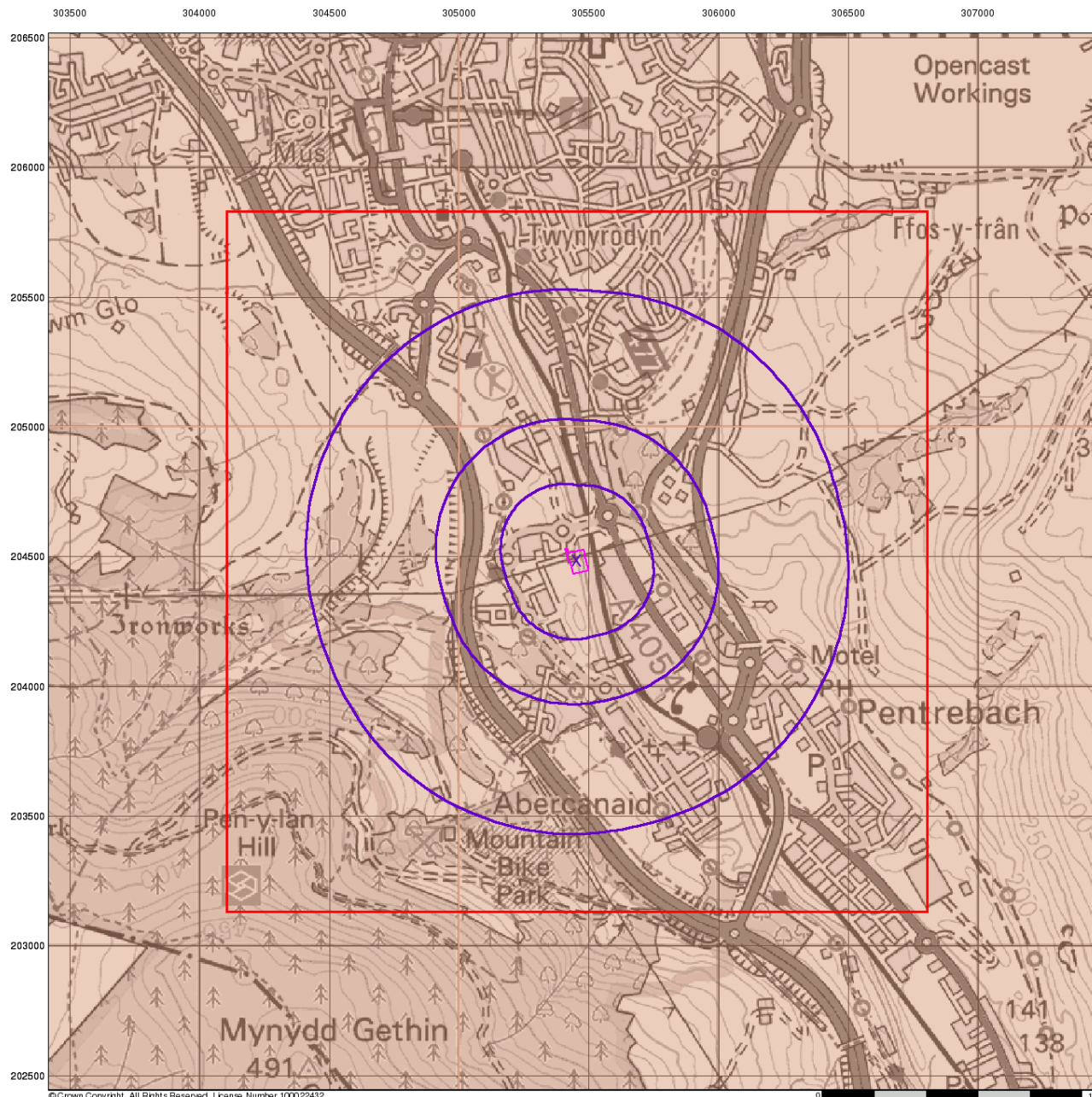
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 Customer Ref: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
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0 1 km



Bedrock Aquifer Designation

General

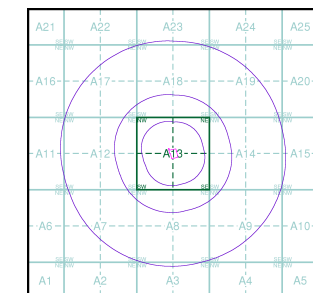
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

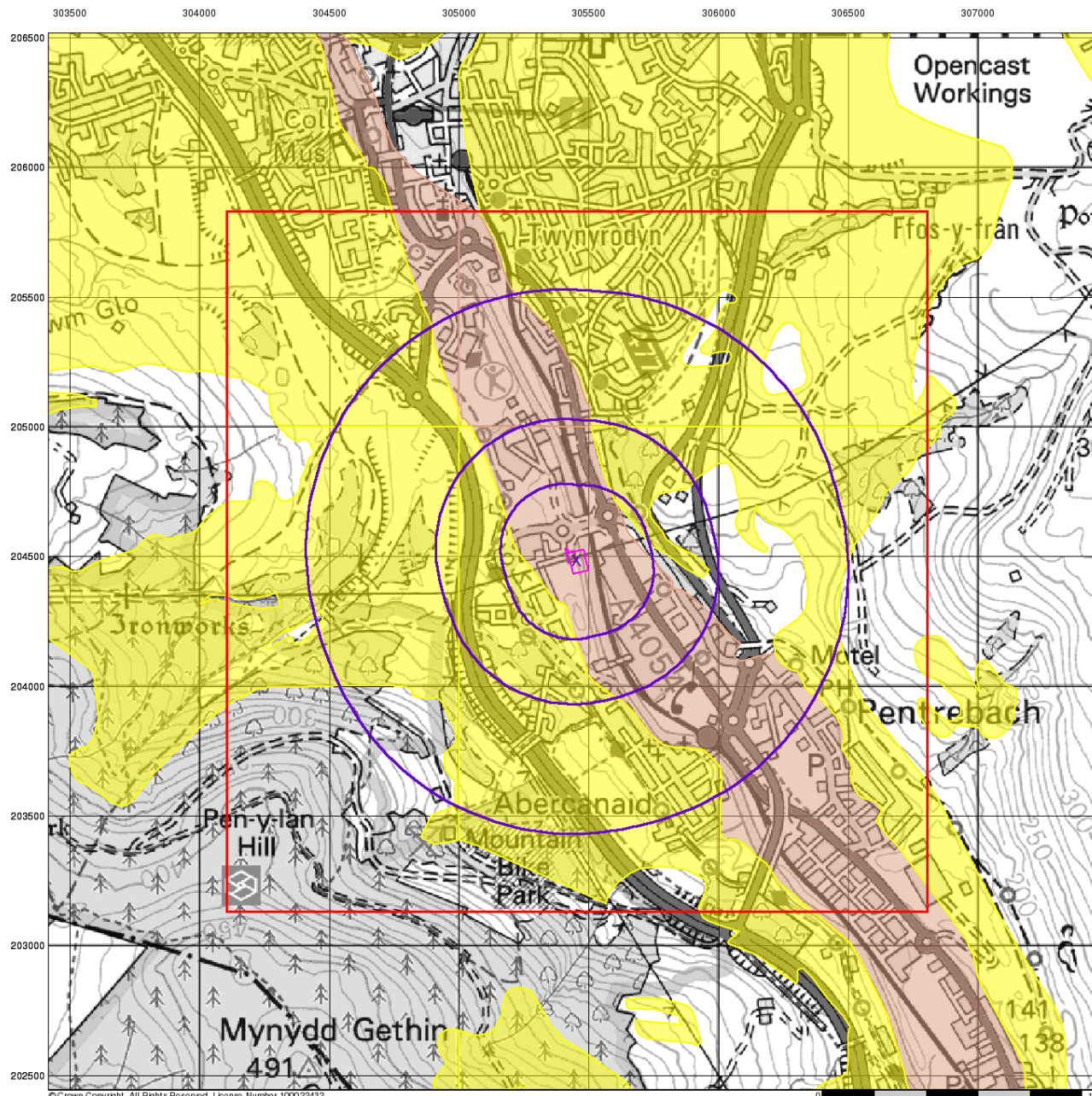
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 Customer Ref: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
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Superficial Aquifer Designation

General

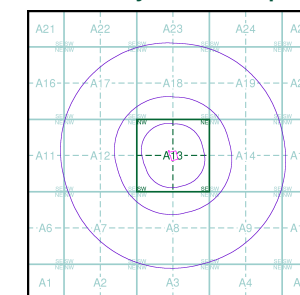
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

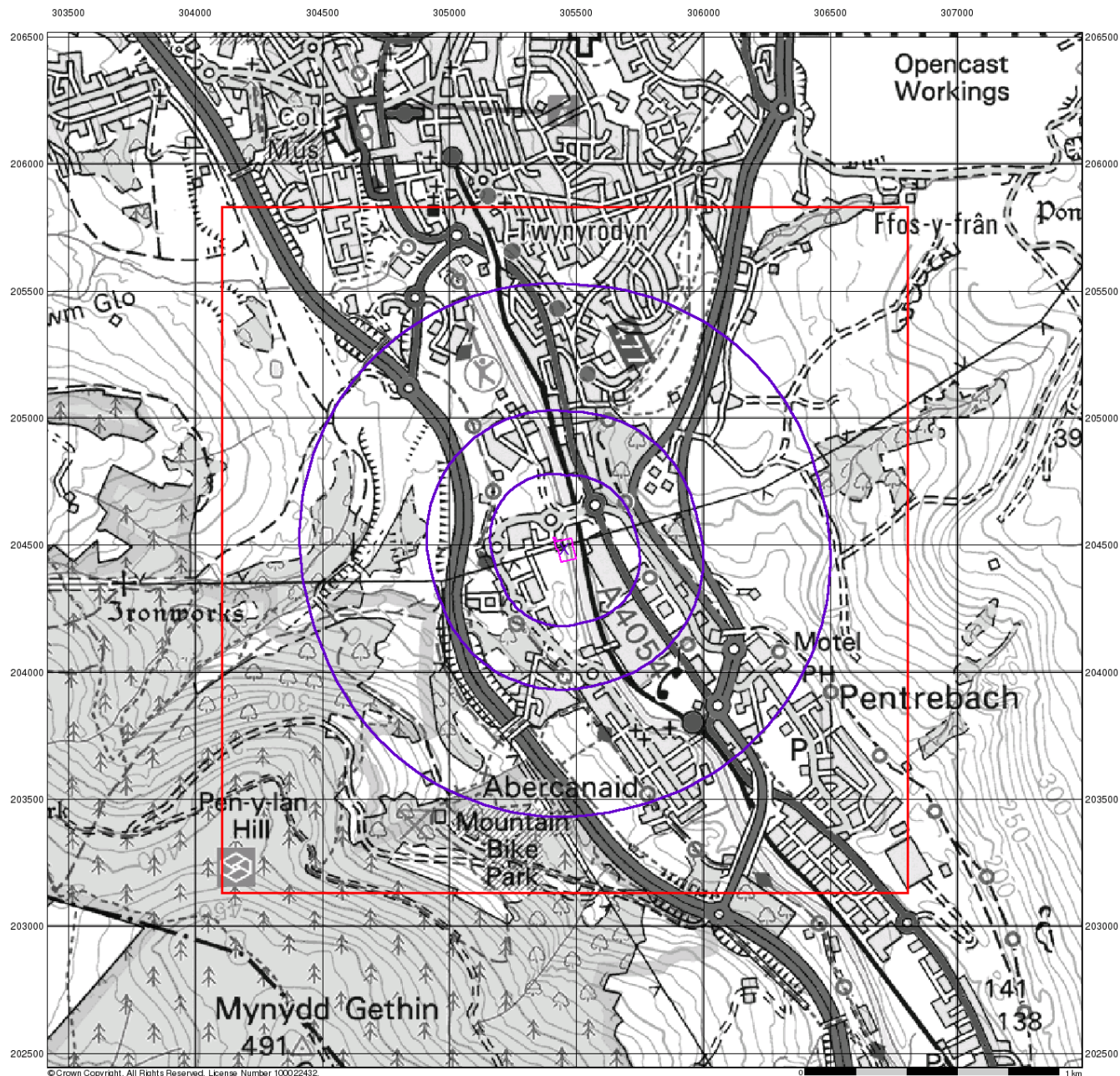
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 Customer Ref: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

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Intégral Géotechnique

Source Protection Zones

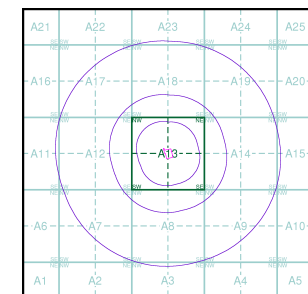
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

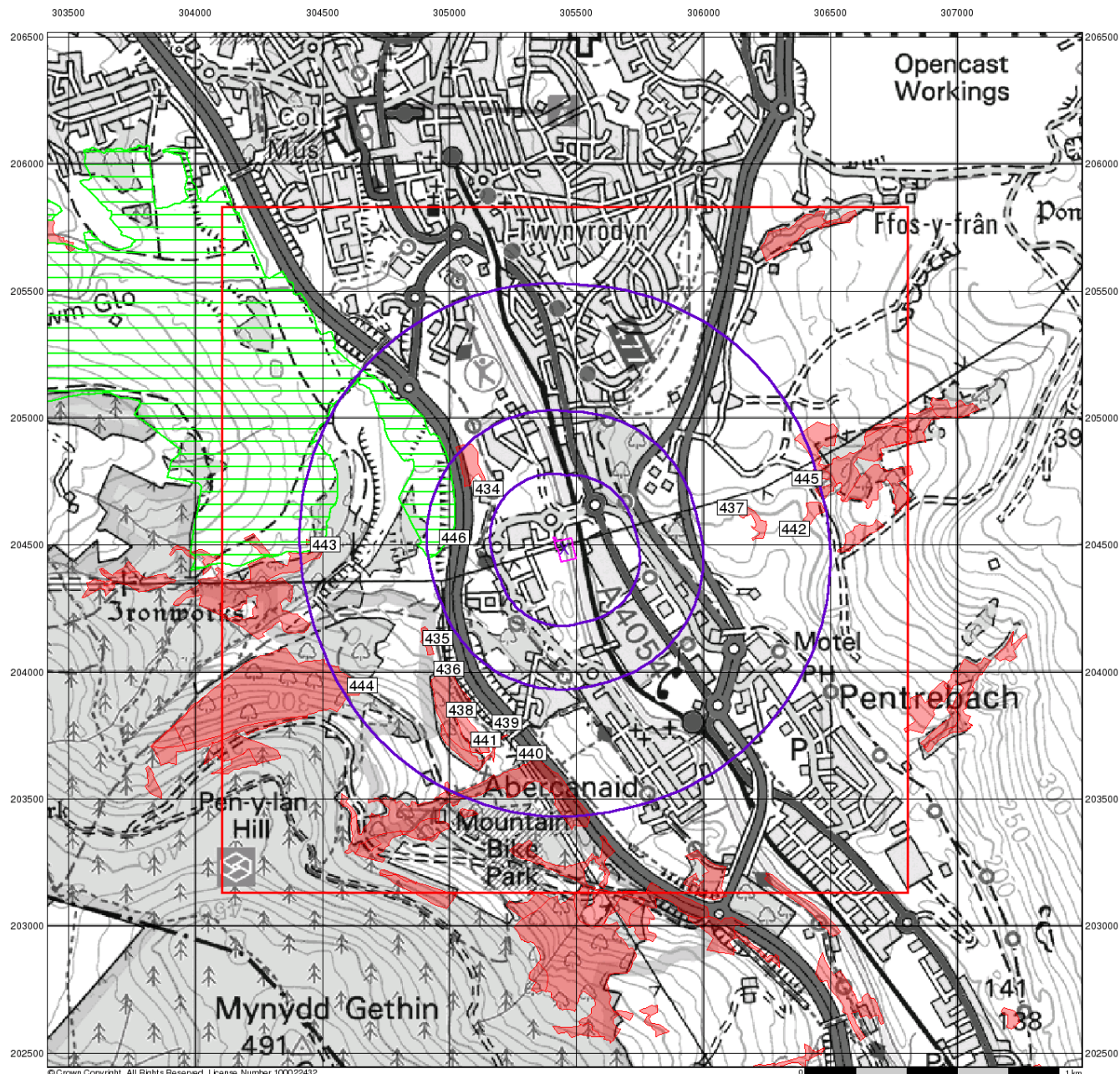
Order Number: 304307693_1_1
 Customer Ref: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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Intégral Géotechnique

Sensitive Land Uses

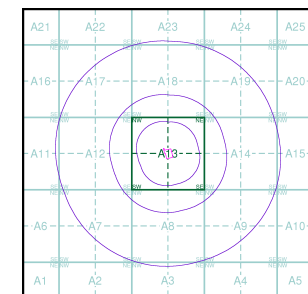
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

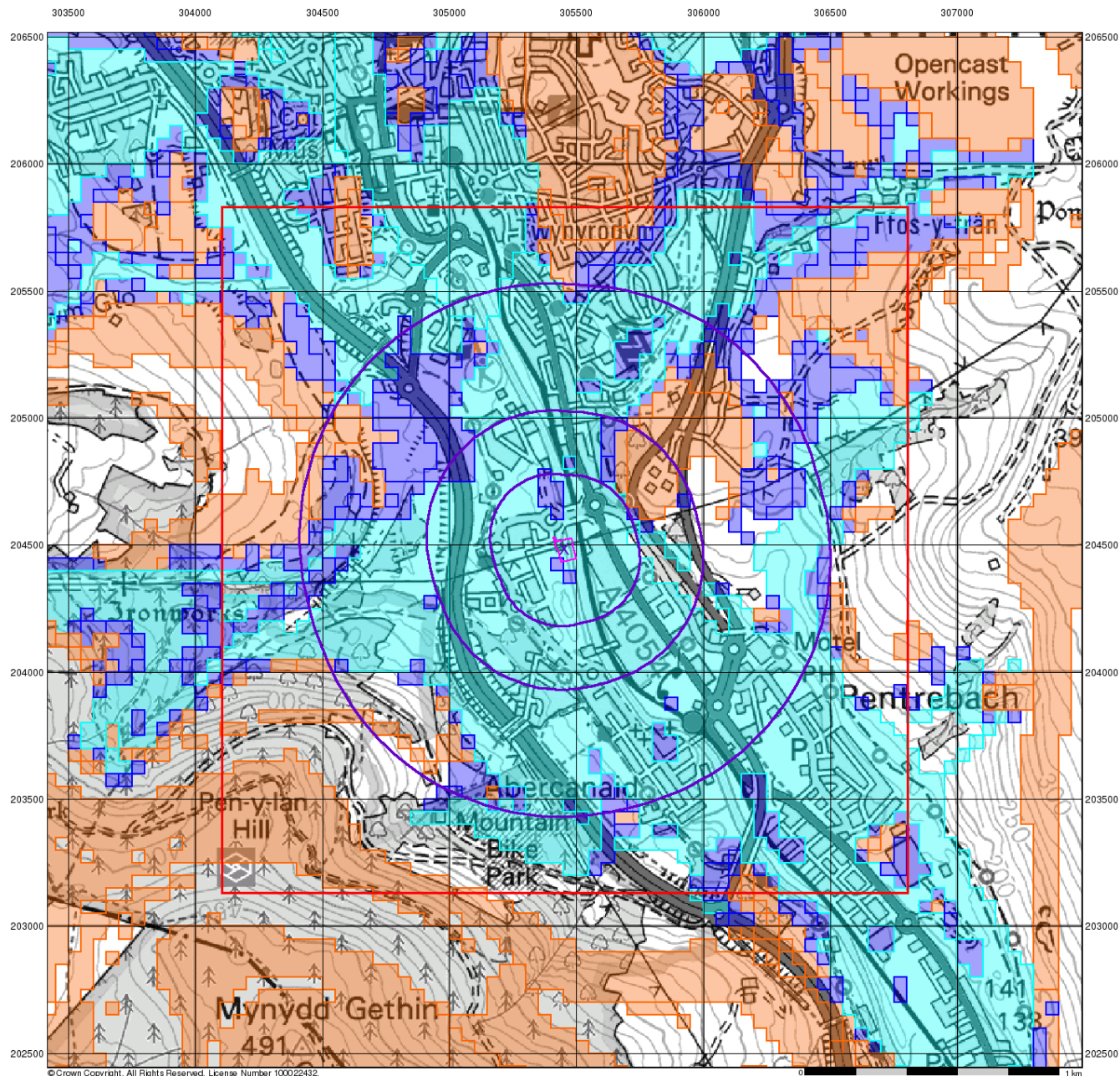
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Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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Intégral Géotechnique

BGS Flood GFS Data

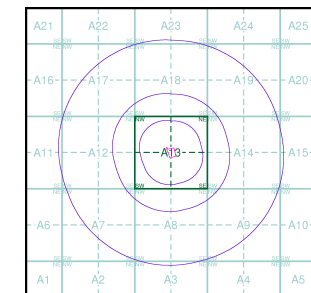
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

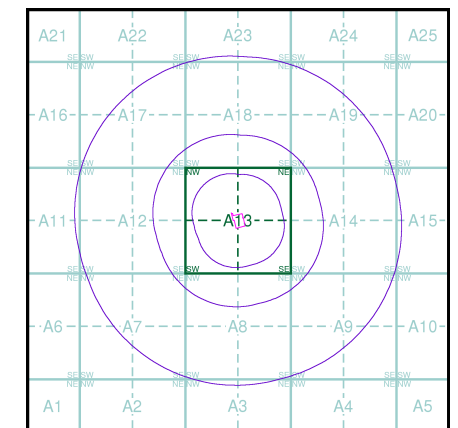
Order Number: 304307693_1_1
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 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

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Intégral Géotechnique

Industrial Land Use Map

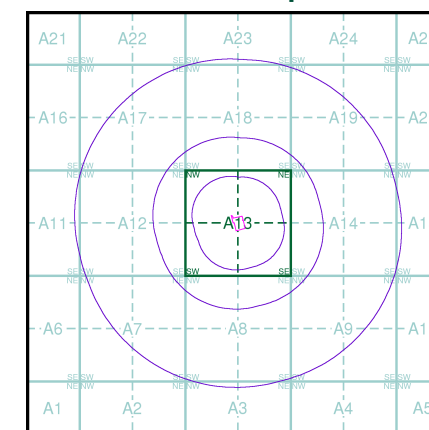
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

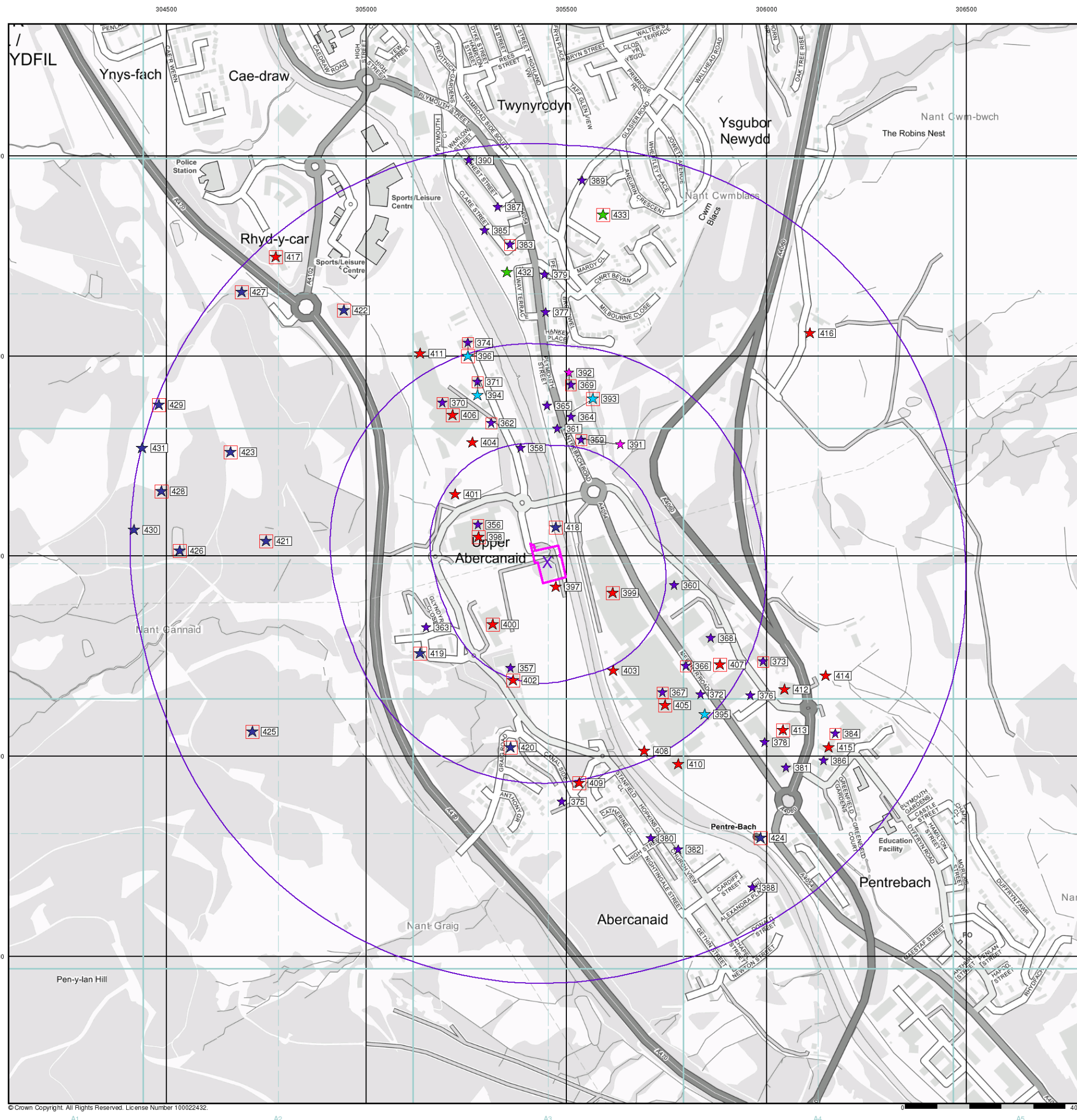
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Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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INFORMATION GROUP

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Intégral Géotechnique

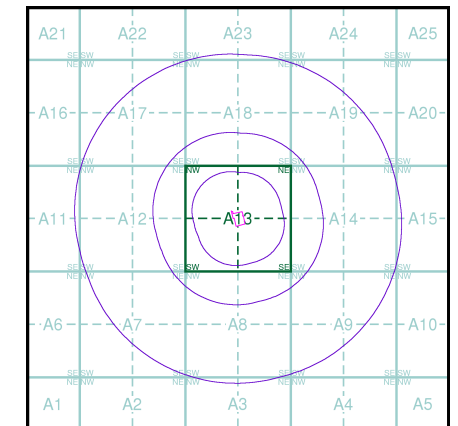
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

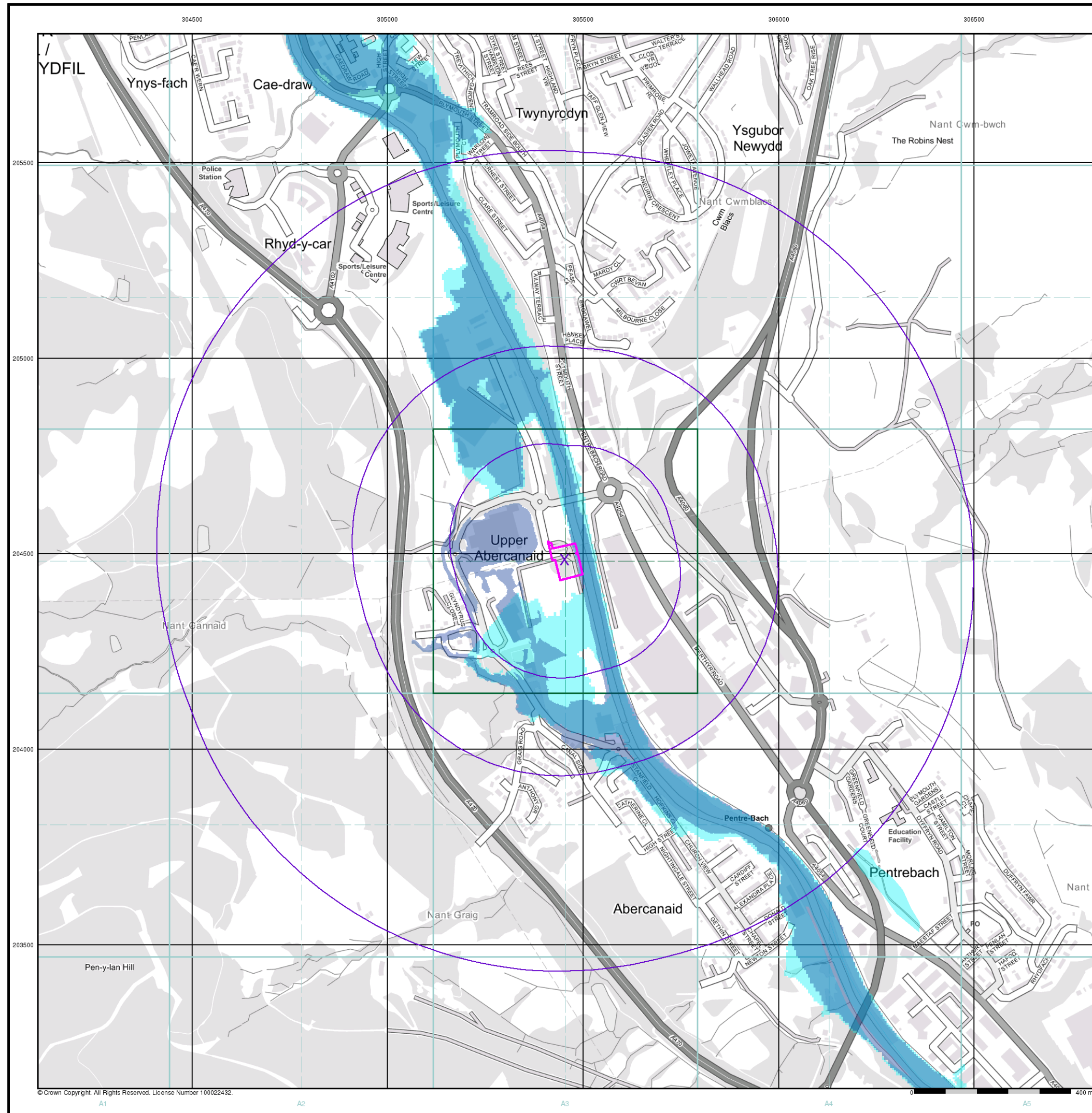
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Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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INFORMATION GROUP

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

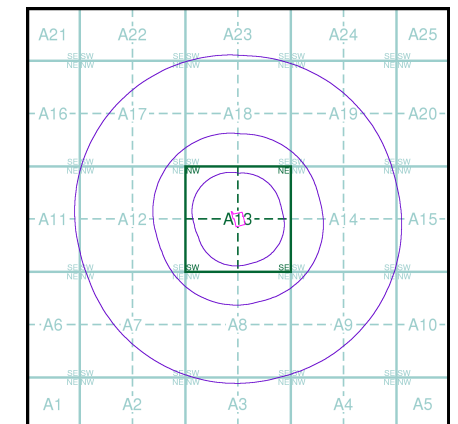
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

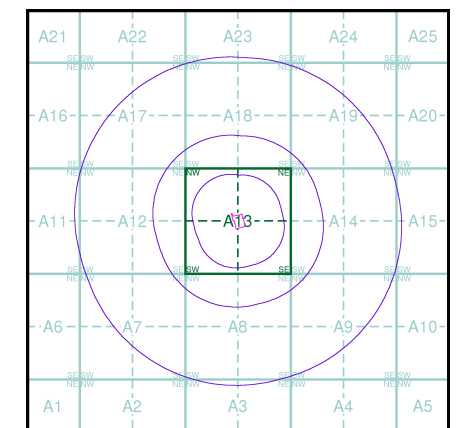
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

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Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

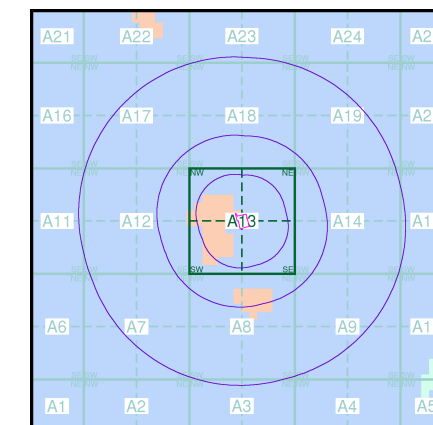
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
INFORMATION GROUP

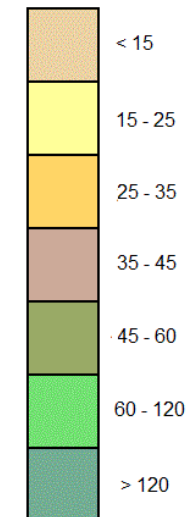
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

General

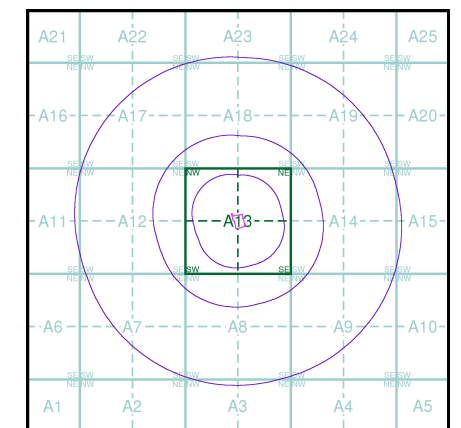
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

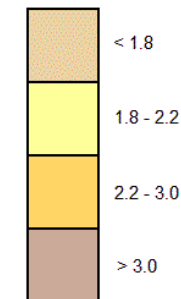
Intégral Géotechnique

General

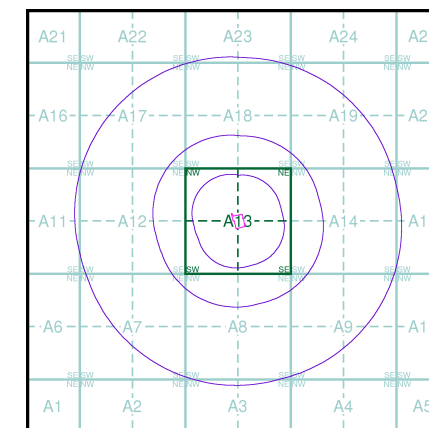
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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INFORMATION GROUP

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

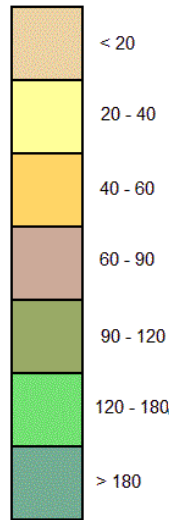
Intégral Géotechnique

General

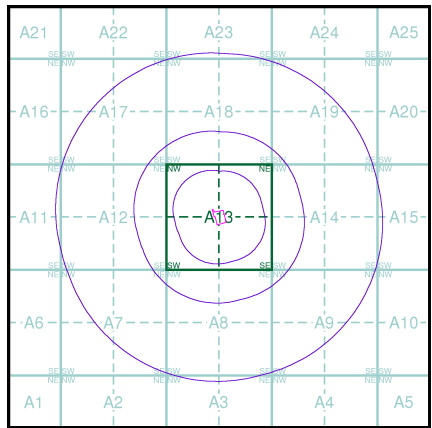
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
INFORMATION GROUP

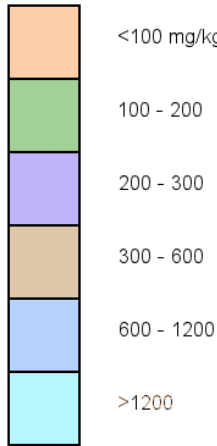
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

General

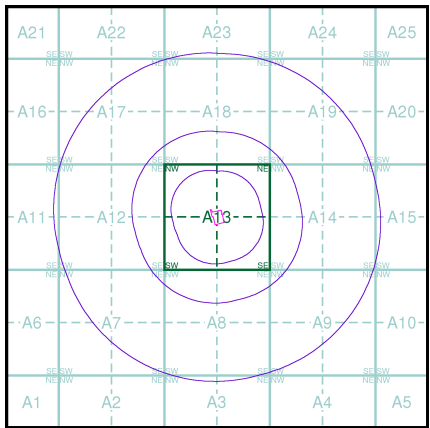
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

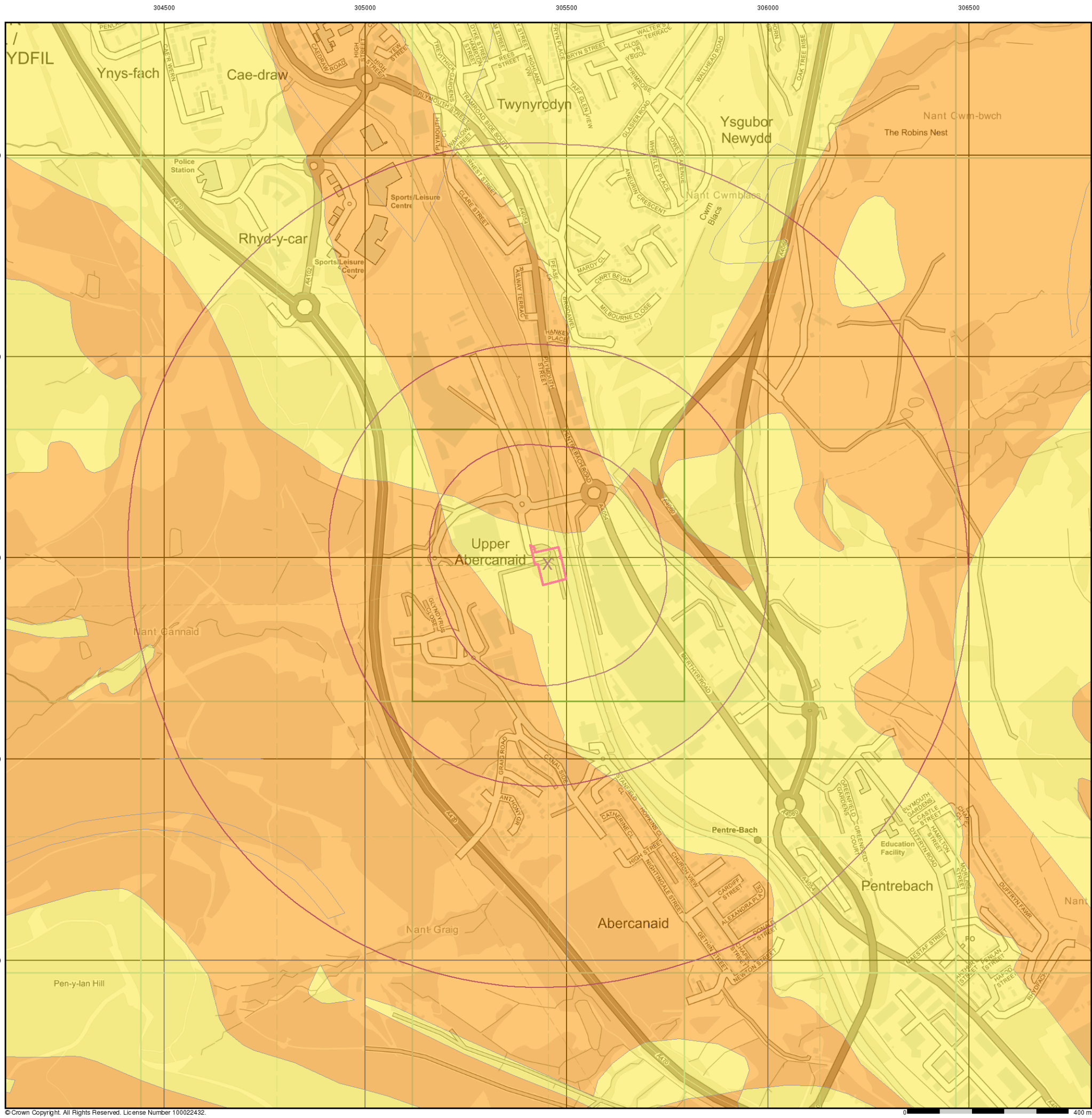


Order Details

Order Details: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ



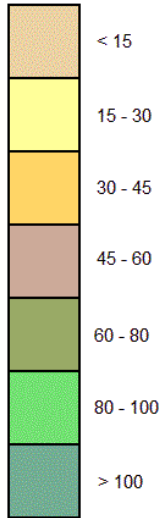
Intégral Géotechnique

General

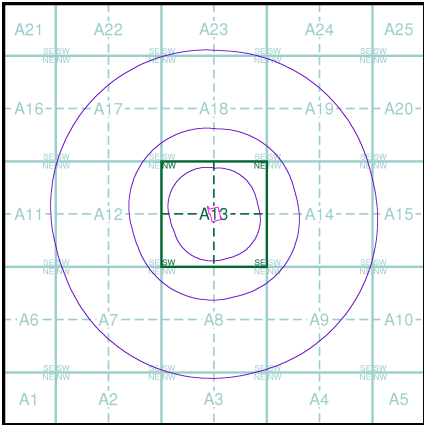
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

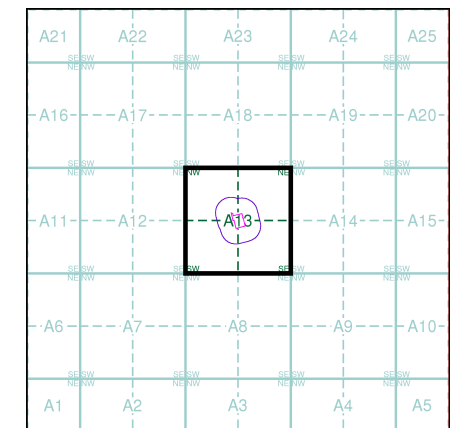
Landmark
INFORMATION GROUP

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

General

- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Types at Location
 - Pylon
 - Overhead Transmission Line
- ## Agency and Hydrological
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- ## Hazardous Substances
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- ## Waste
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A13

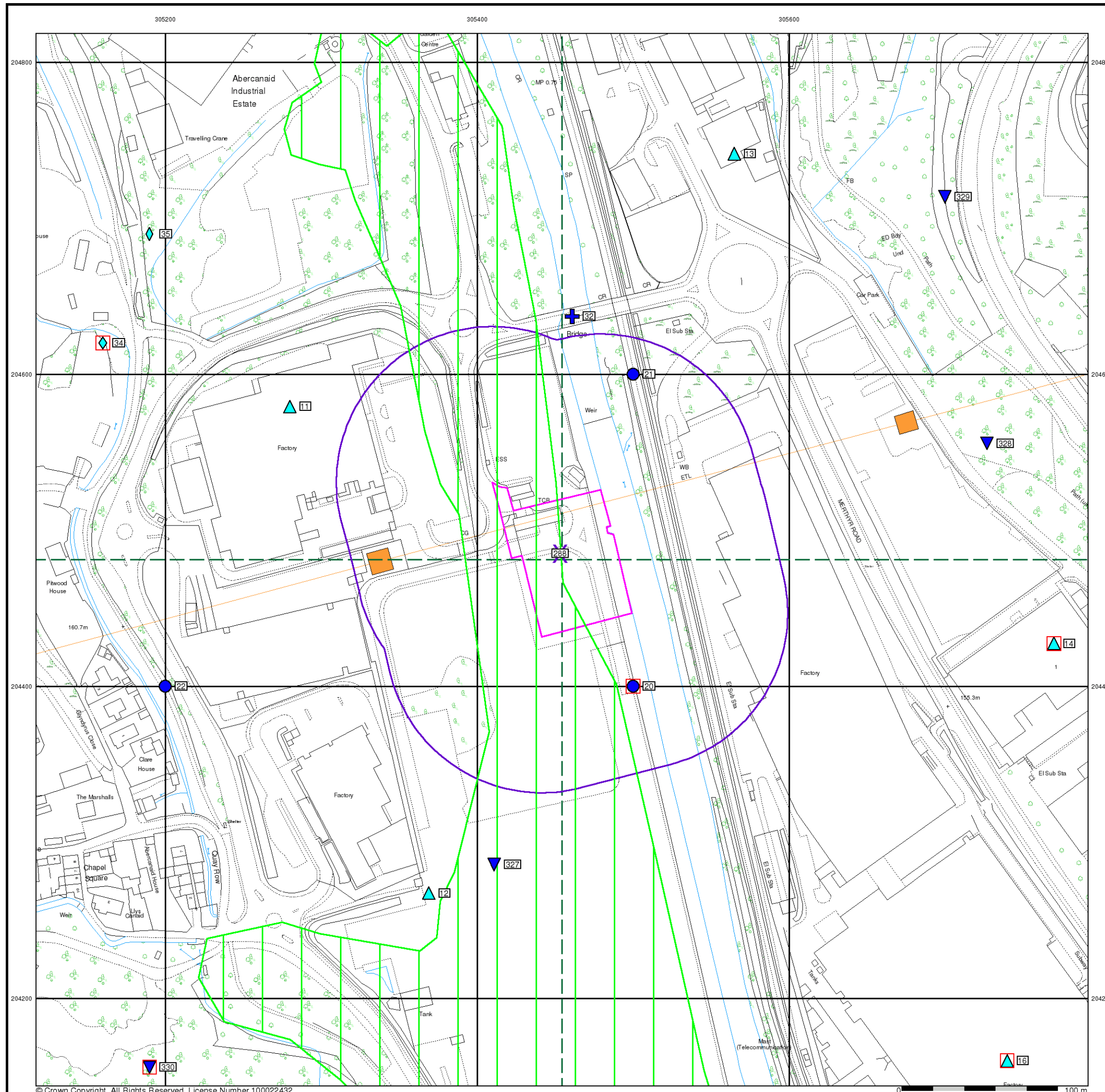


Order Details

Order Number: 304307693_1_1
 Customer Ref: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Plot Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ



Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
		Rock Segments		
		Faults		

Intégral Géotechnique

Geology 1:50,000 Maps

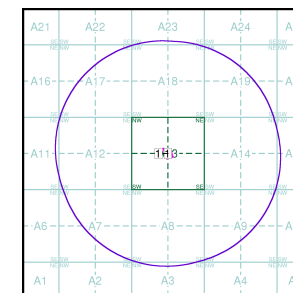
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	231
Map Name:	Merthyr Tydfil
Map Date:	1979
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

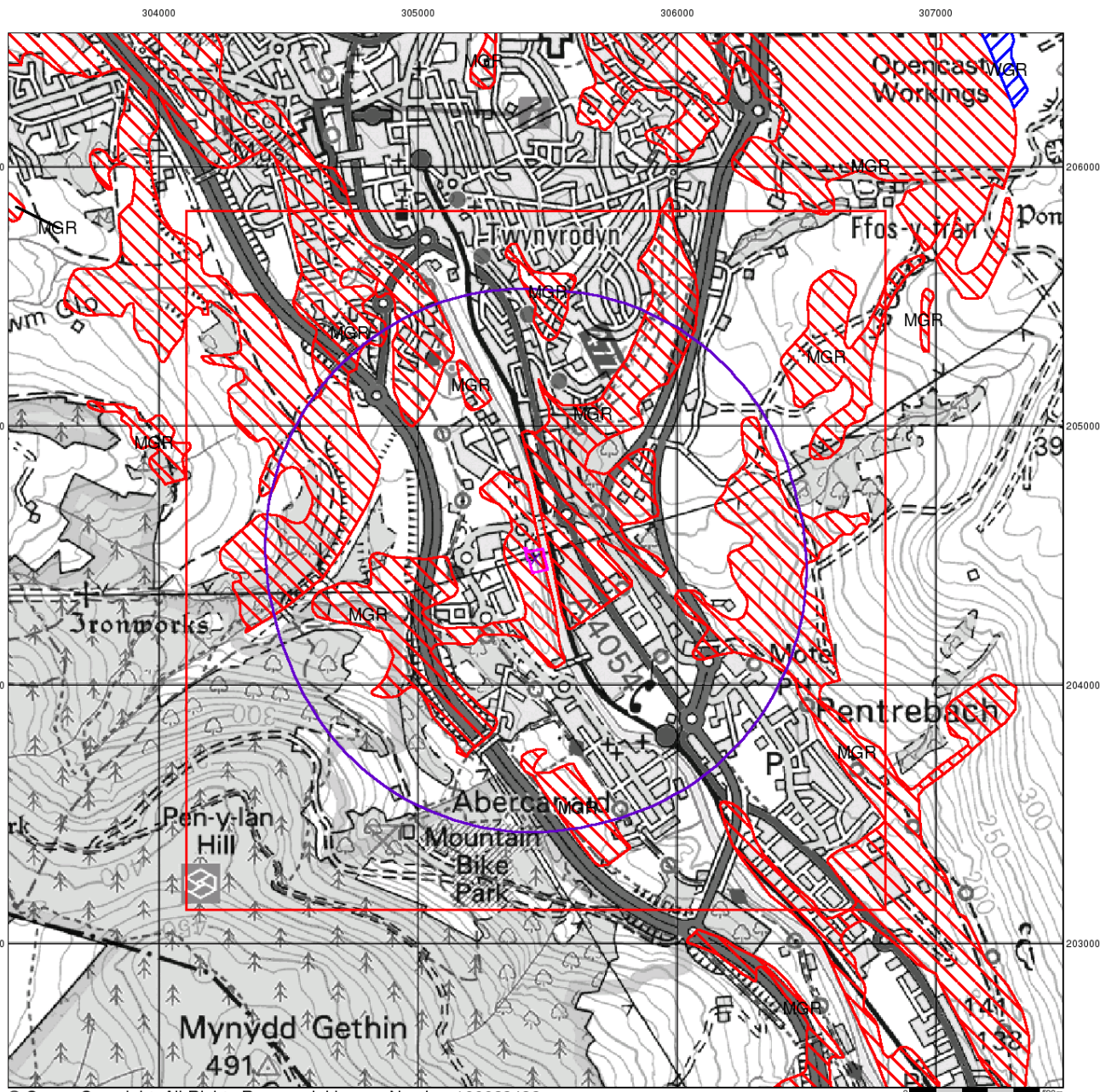


Order Details:

Order Number:	304307693_1_1
Customer Reference:	12888/LP
National Grid Reference:	305450, 204490
Slice:	A
Site Area (Ha):	0.53
Search Buffer (m):	1000

Site Details:

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Intégral Géotechnique

Artificial Ground and Landslip

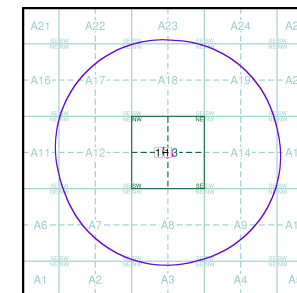
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 304307693_1_1
 Customer Reference: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details:

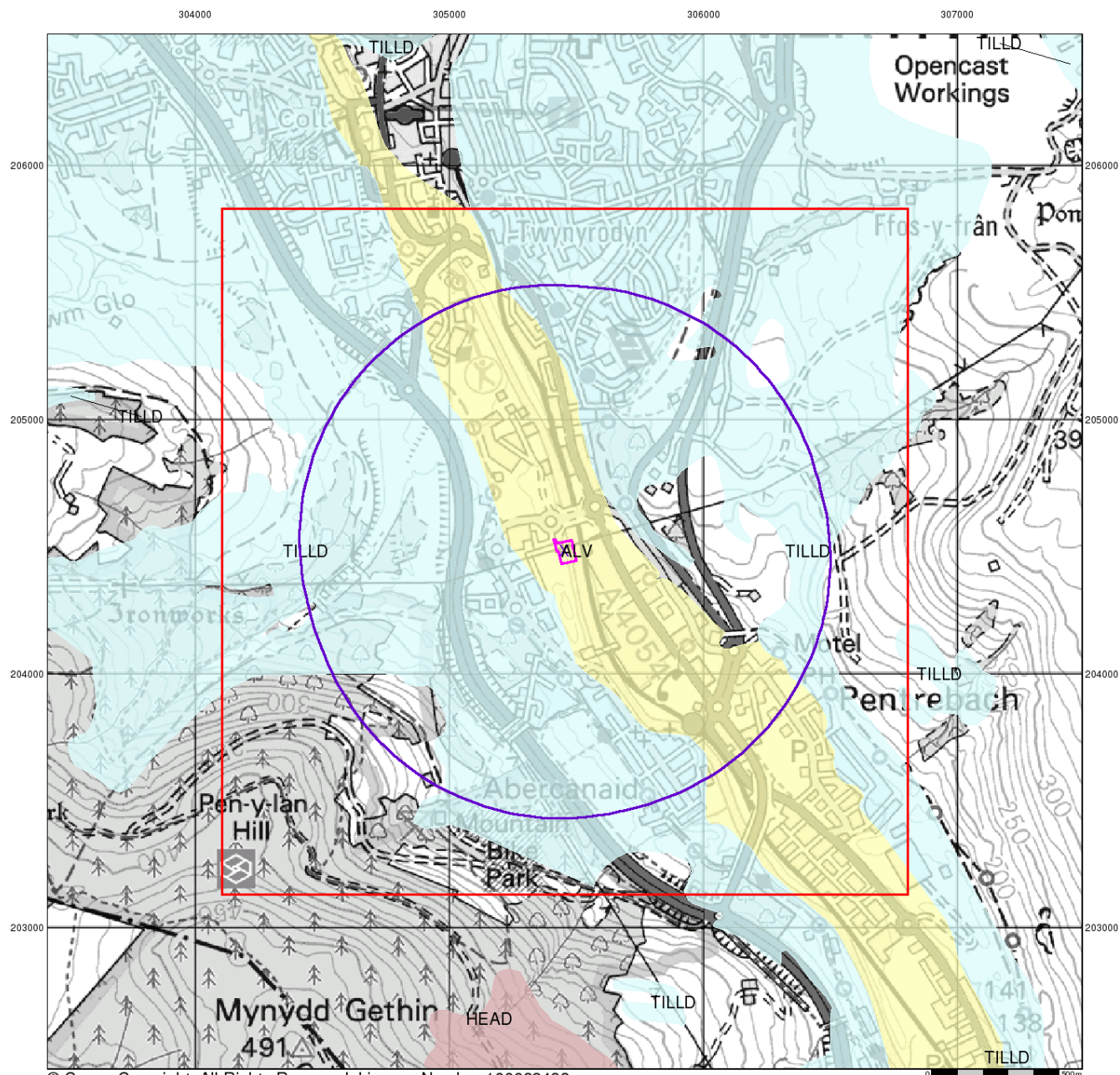
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Intégral Géotechnique

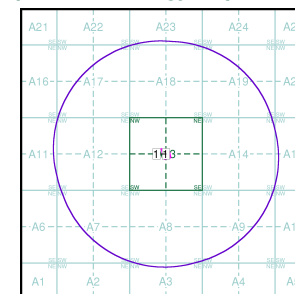
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 304307693_1_1
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National Grid Reference: 305450, 204490
Slice: A
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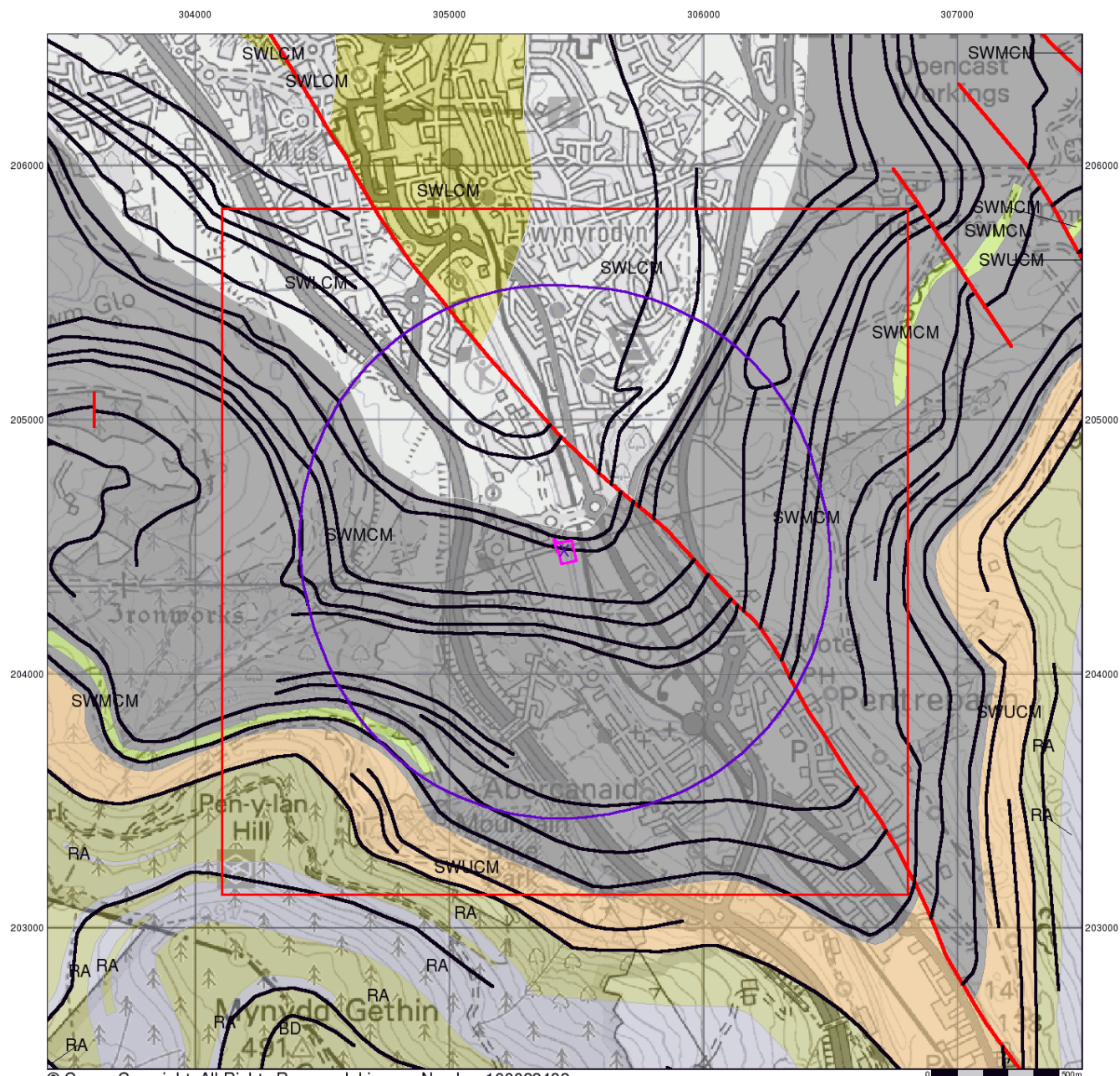
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Intégral Géotechnique

Bedrock and Faults

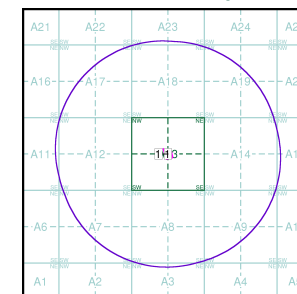
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

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 National Grid Reference: 305450, 204490
 Slice: A
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Site Details:

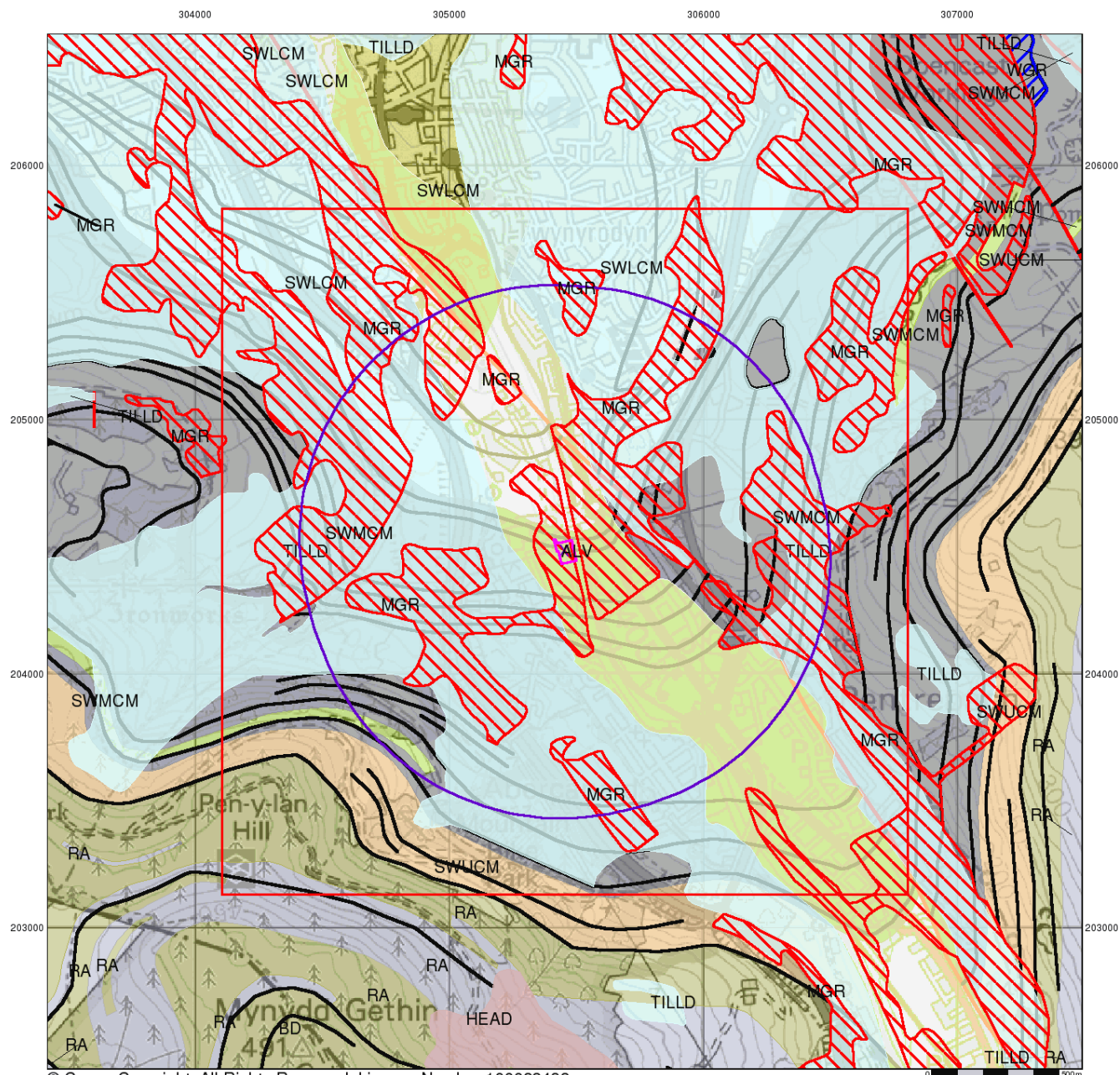
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Intégral Géotechnique

Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

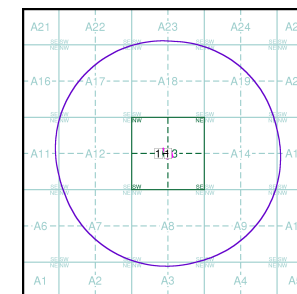
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 304307693_1_1
Customer Reference: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
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Search Buffer (m): 1000

Site Details:

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

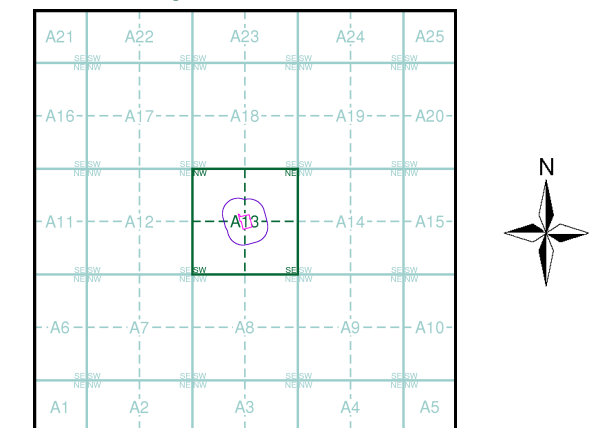
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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

Intégral Géotechnique

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Brecknockshire	1:10,560	1884	2
Glamorganshire	1:10,560	1885	3
Glamorganshire	1:10,560	1901	4
Brecknockshire	1:10,560	1905	5
Brecknockshire	1:10,560	1922	6
Glamorganshire	1:10,560	1922	7
Brecknockshire	1:10,560	1938	8
Historical Aerial Photography	1:10,560	1945	9
Glamorganshire	1:10,560	1951	10
Brecknockshire	1:10,560	1951	11
Ordnance Survey Plan	1:10,000	1964 - 1965	12
Ordnance Survey Plan	1:10,000	1969	13
Ordnance Survey Plan	1:10,000	1970 - 1979	14
Ordnance Survey Plan	1:10,000	1982 - 1989	15
Ordnance Survey Plan	1:10,000	1990 - 1992	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2022	19

Historical Map - Slice A



Order Details

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National Grid Reference: 305450, 204490
Slice: A
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Search Buffer (m): 1000

Site Details

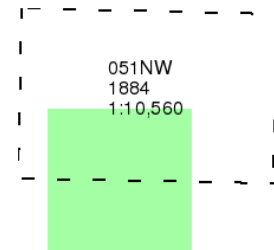
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Landmark
INFORMATION GROUP

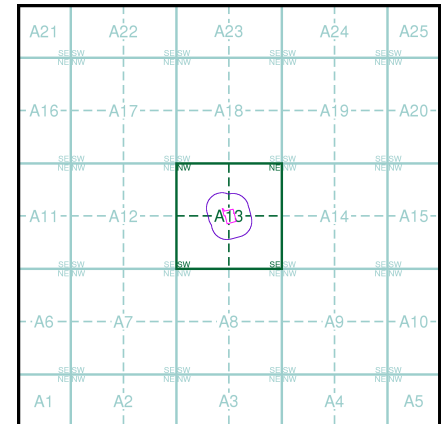
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Fax: 0844 844 9951
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

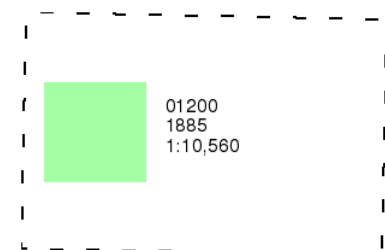
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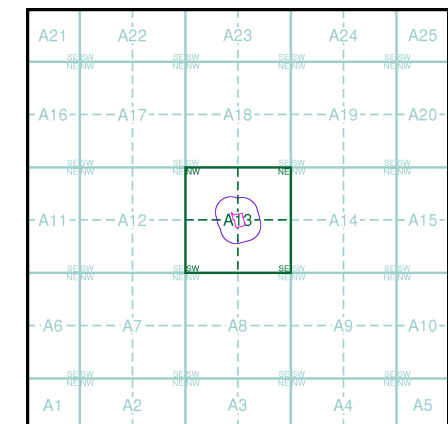
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
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Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Intégral Géotechnique

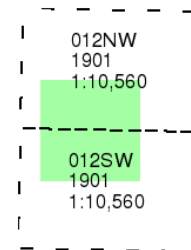
Glamorganshire

Published 1901

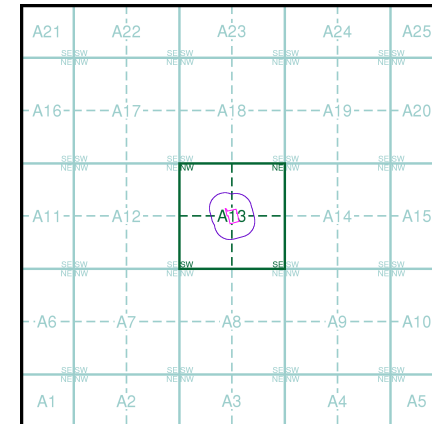
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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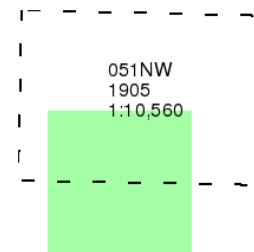
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
INFORMATION GROUP

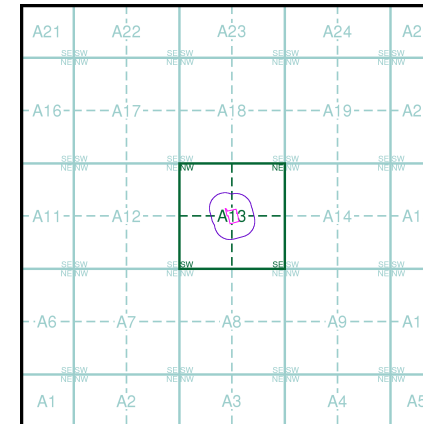
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

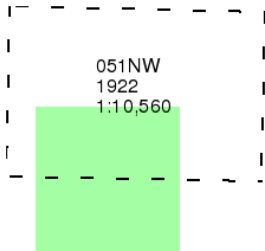
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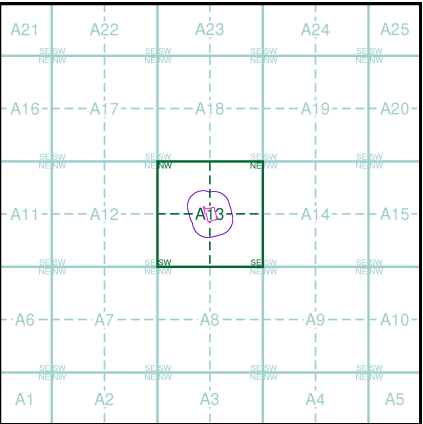
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

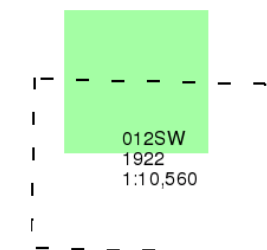
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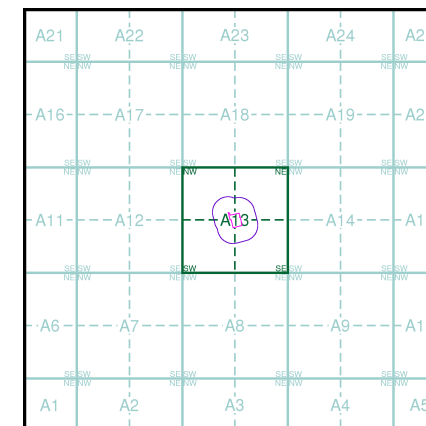
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
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Site Area (Ha): 0.53
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Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

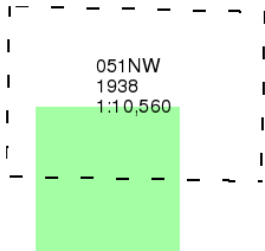
Brecknockshire

Published 1938

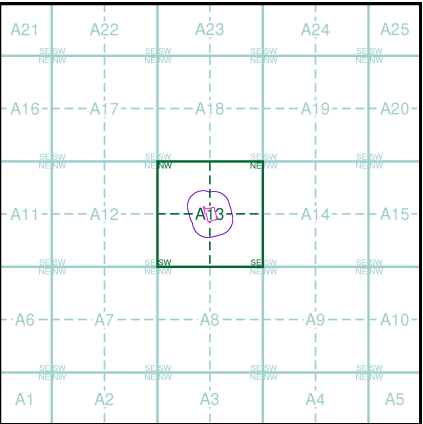
Source map scale - 1:10,560

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Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
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Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Historical Aerial Photography

Published 1945

Source map scale - 1:10,560

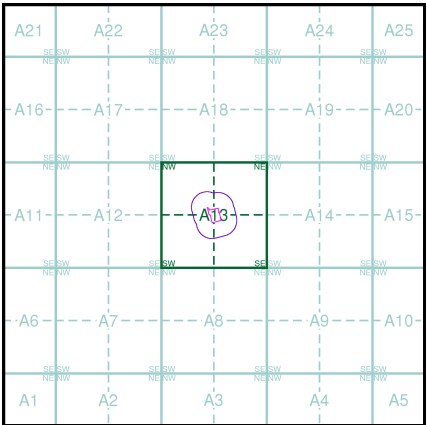
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)

SO00NW 1945 1:10,560	SO00NE 1945 1:10,560
SO00SW 1945 1:10,560	SO00SE 1945 1:10,560

Historical Aerial Photography - Slice A



Order Details

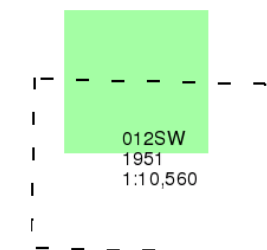
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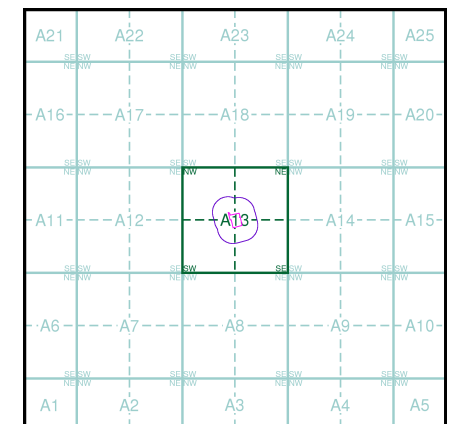
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

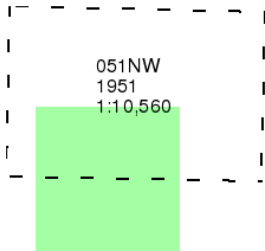
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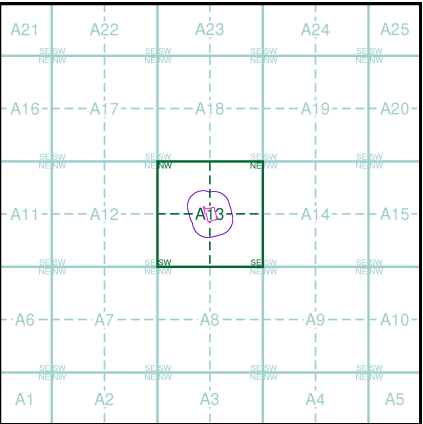
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Ordnance Survey Plan

Published 1964 - 1965

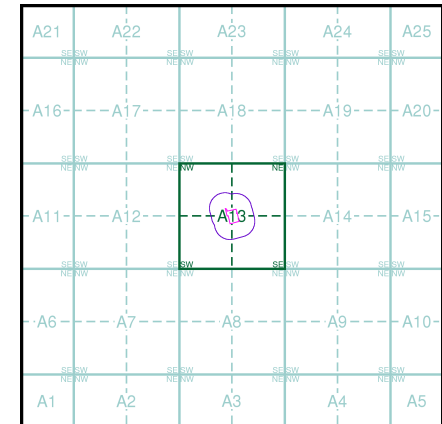
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1965	1965
1:10,560	1:10,560
SO00SW	SO00SE
1964	1964
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

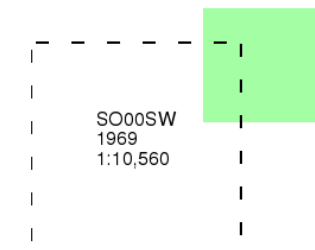
Ordnance Survey Plan

Published 1969

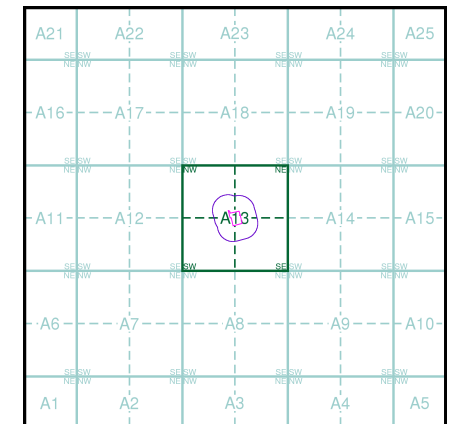
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Ordnance Survey Plan

Published 1970 - 1979

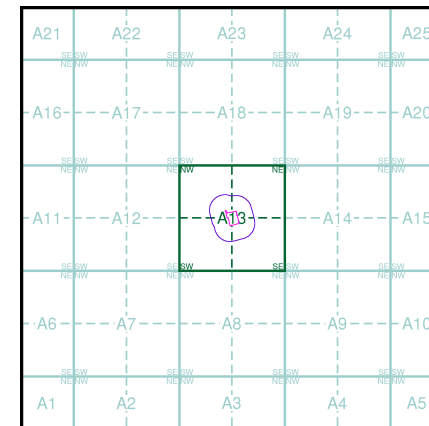
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1979	1977
1:10,000	1:10,000
	SO00SE
	1970
	1:10,560

Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Ordnance Survey Plan

Published 1982 - 1989

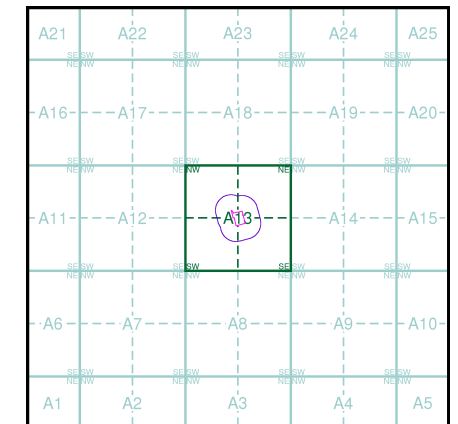
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NE	1983	1:10,000
SO00SW	1982	1:10,000
SO00SE	1989	1:10,000

Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Ordnance Survey Plan

Published 1990 - 1992

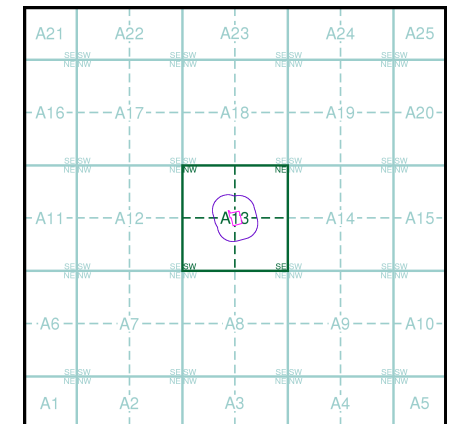
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SO00NW	SO00NE
1992	1992
1:10,000	1:10,000
SO00SW	
1990	
1:10,000	

Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Intégral Géotechnique

10k Raster Mapping

Published 1999

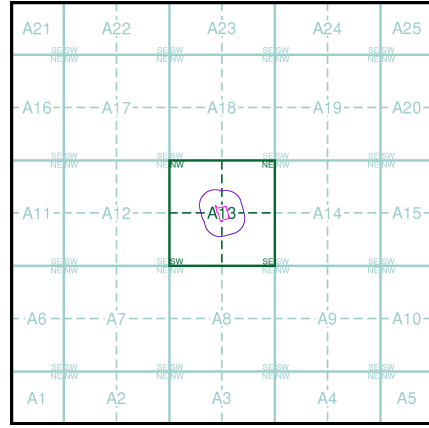
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

SO00NW	SO00NE
1999	1999
1:10,000	1:10,000
SO00SW	SO00SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
INFORMATION GROUP

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

Intégral Géotechnique

10k Raster Mapping

Published 2006

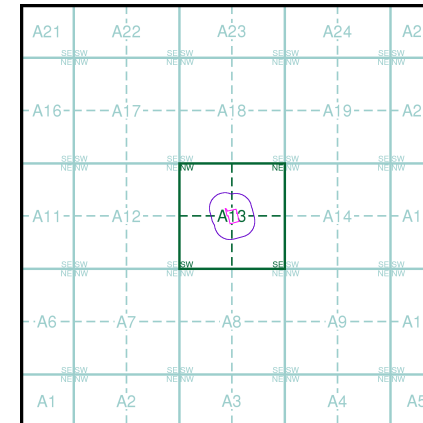
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

SO00NW	SO00NE
2006	2006
1:10,000	1:10,000
SO00SW	SO00SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
INFORMATION GROUP

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



VectorMap Local

Published 2022

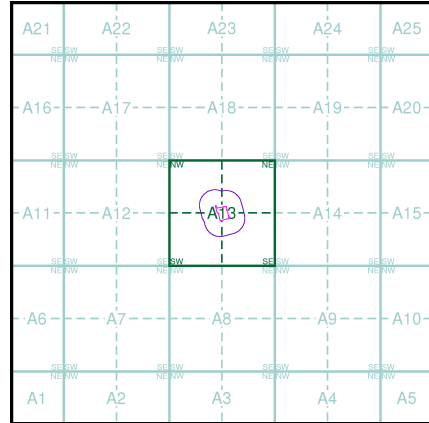
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

SO00NW	SO00NE
2022	2022
Variable	Variable
SO00SW	SO00SE
2022	2022
Variable	Variable

Historical Map - Slice A



Order Details

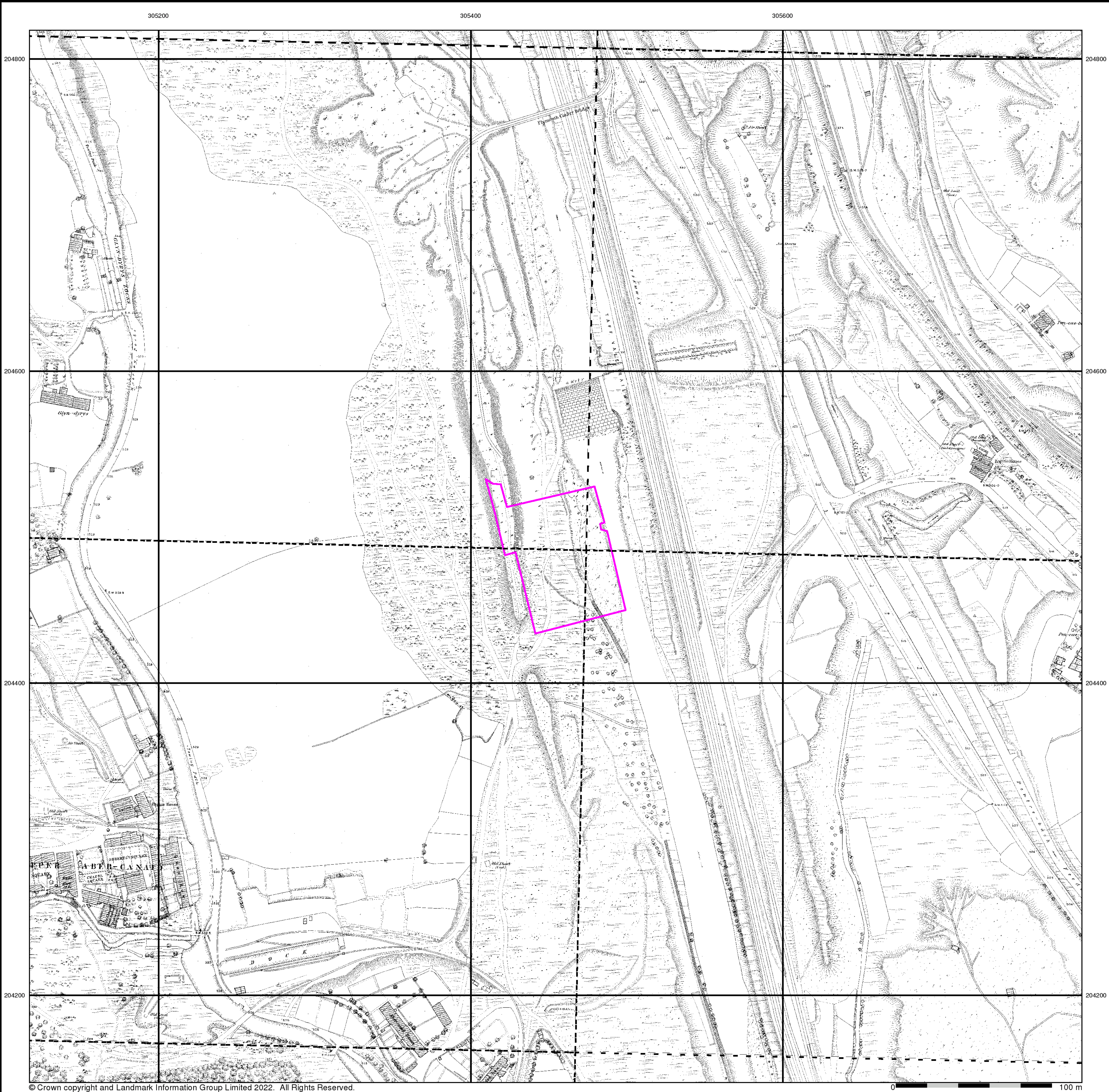
Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ



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



Glamorganshire

Published 1875

Source map scale - 1:528

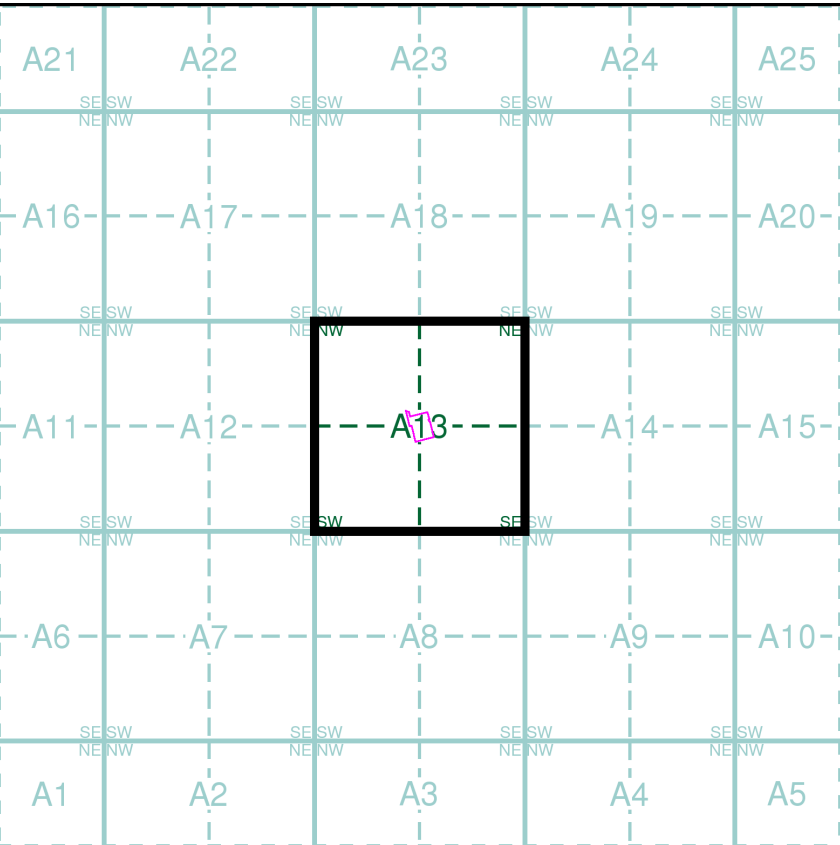
The 1:528 scale Ordnance Survey mapping was adopted in 1850 as an alternative to the 1:1056 scale, that had been deemed to be inadequate for sanitary planning, which had come very much to the fore following the passing of the Public Health Act of 1948. Around 29 towns in England and Wales were surveyed at this scale, the bulk of which were undertaken between 1850 and 1855. These were predominantly towns that were outside the areas being surveyed at 1:10,560 or 1:2500 scale. As well as showing the details characteristic of the later 1:500 plans, they show features of sanitary interest such as privies, taps, cow houses, cess pits, brew and bake houses and cart sheds and stables.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

1:528	1875
1:528	1875
1:528	1875
1:528	1875
1:528	1875
1:528	1875
1:528	1875
1:528	1875
1:528	1875
1:528	1875

Historical Town Plan - Segment A13



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 0

Site Details

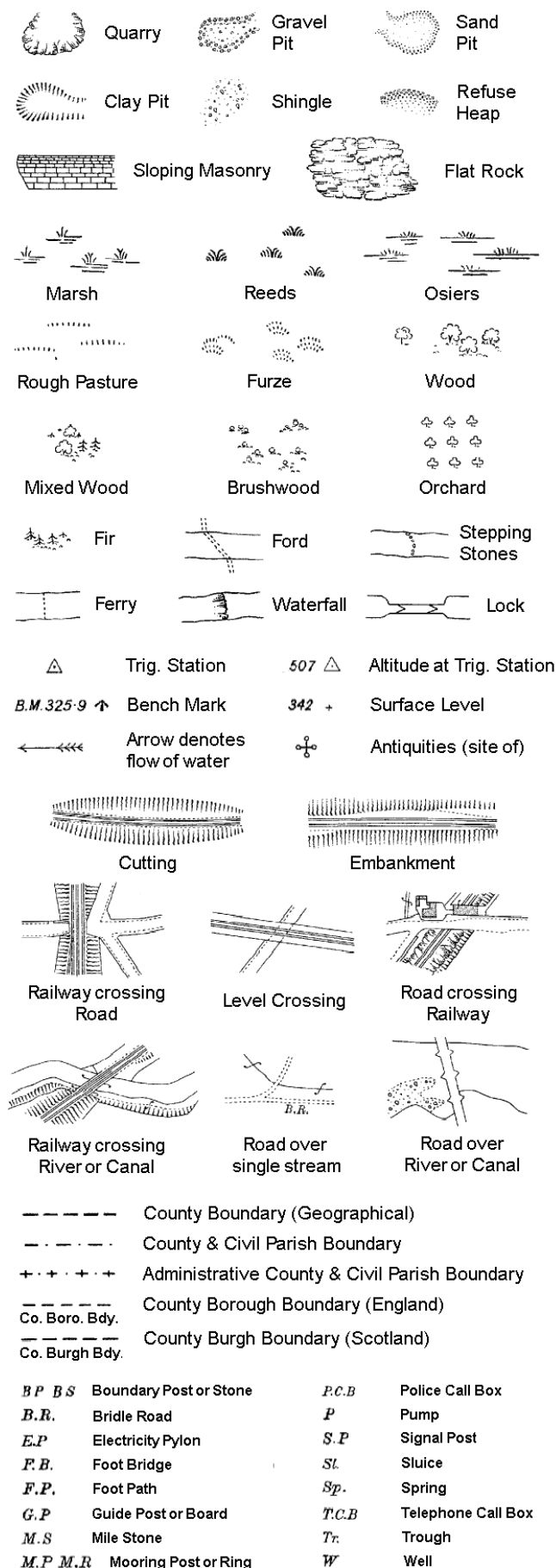
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ



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

Historical Mapping Legends

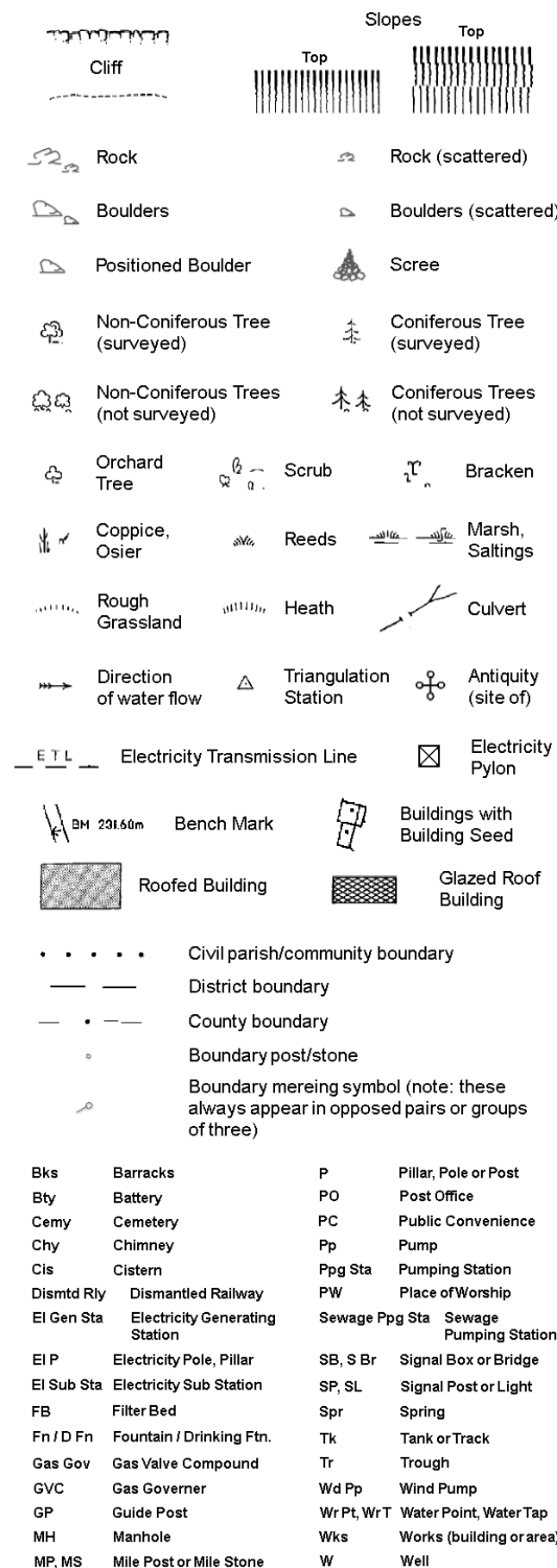
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



Large-Scale National Grid Data 1:2,500 and 1:1,250

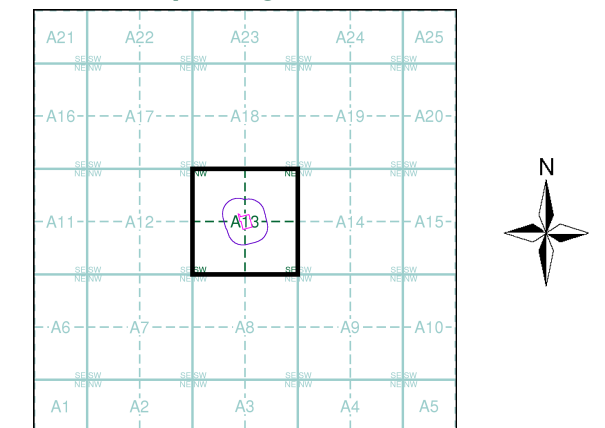


Intégral Géotechnique

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876 - 1881	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1919	4
Ordnance Survey Plan	1:2,500	1964	5
Ordnance Survey Plan	1:2,500	1972	6
Additional SIMs	1:2,500	1979	7
Ordnance Survey Plan	1:2,500	1986	8
Additional SIMs	1:2,500	1986	9
Additional SIMs	1:2,500	1988	10
Additional SIMs	1:2,500	1988	11
Additional SIMs	1:2,500	1988	12
Additional SIMs	1:2,500	1988	13
Large-Scale National Grid Data	1:2,500	1993	14
Large-Scale National Grid Data	1:2,500	1993	15
Historical Aerial Photography	1:2,500	2000	16

Historical Map - Segment A13



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

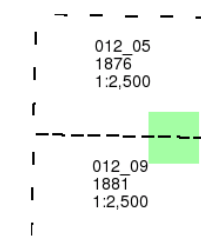
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
INFORMATION GROUP

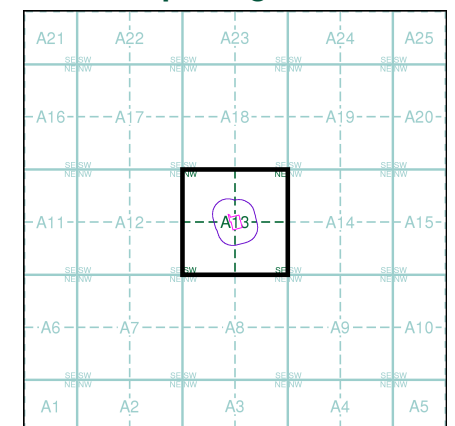
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

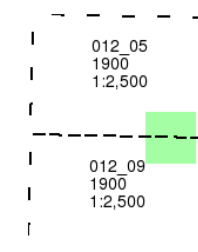
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Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

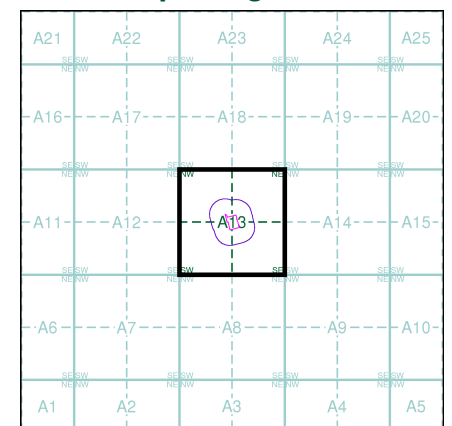
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

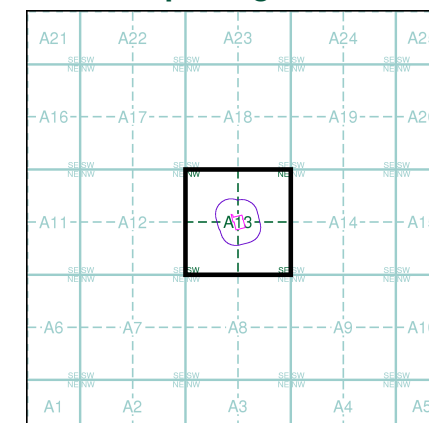
Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

012_05
1919
1:2,500
012_09
1919
1:2,500

Historical Map - Segment A13

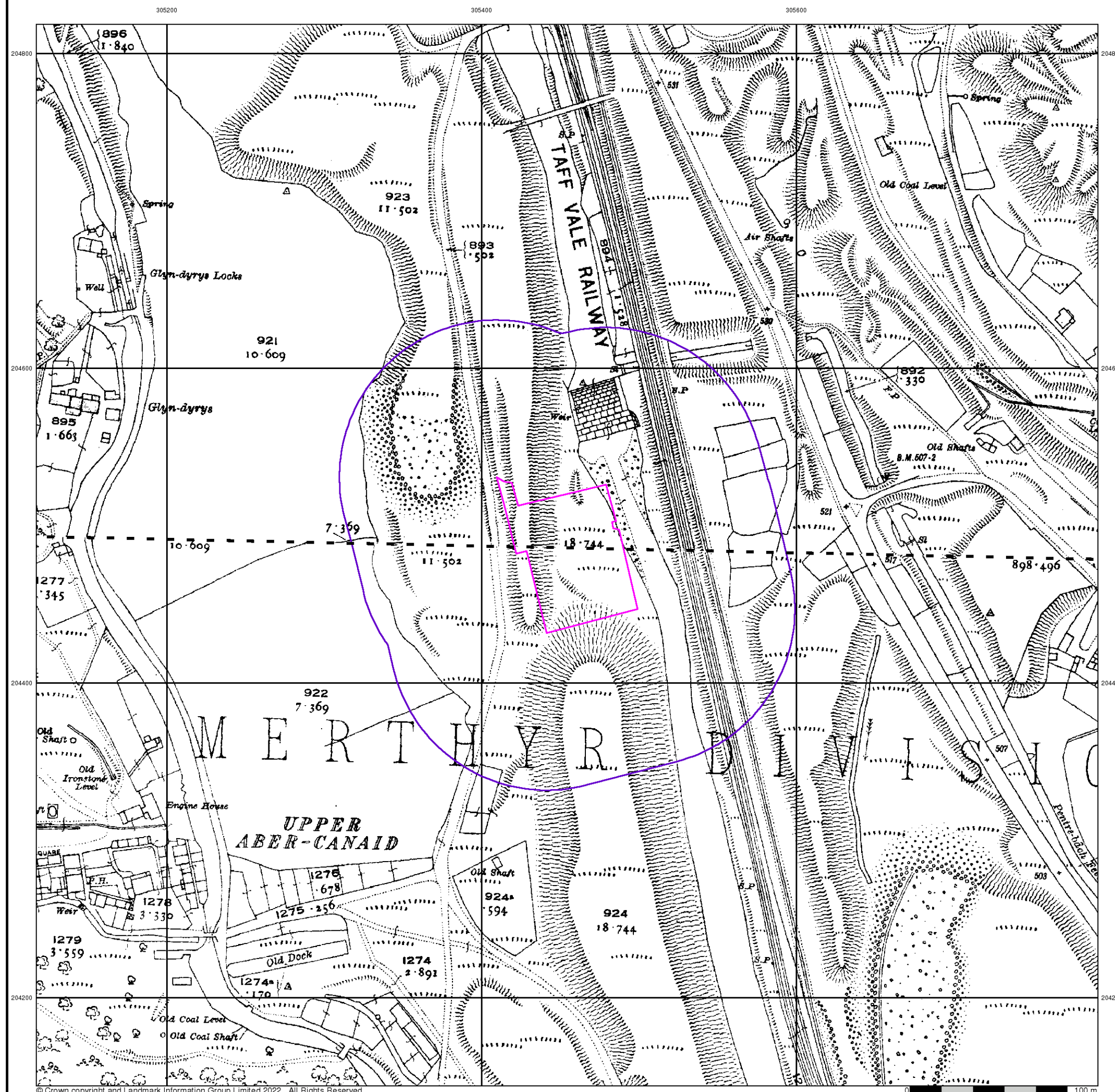


Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ





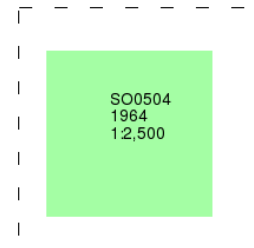
Ordnance Survey Plan

Published 1964

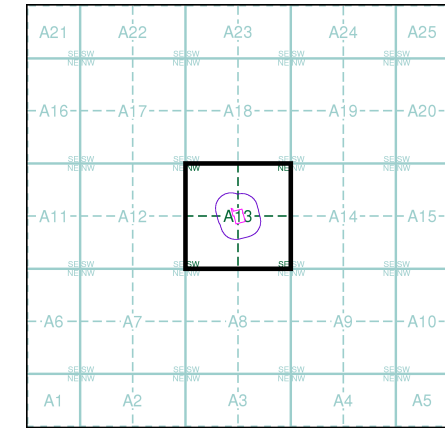
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

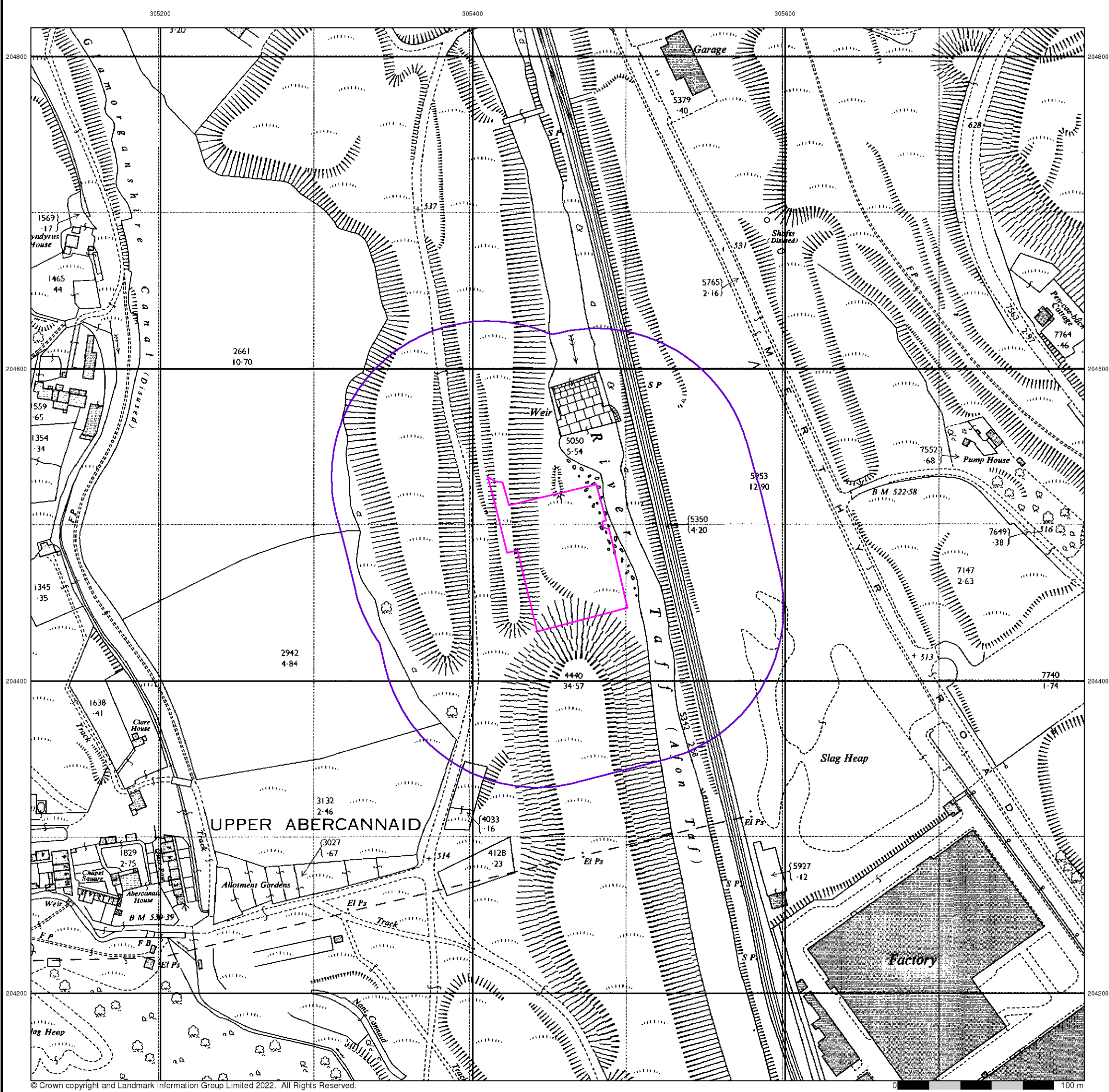
Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

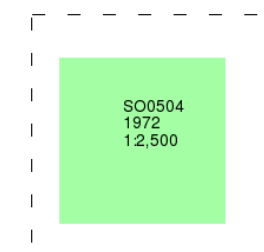


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

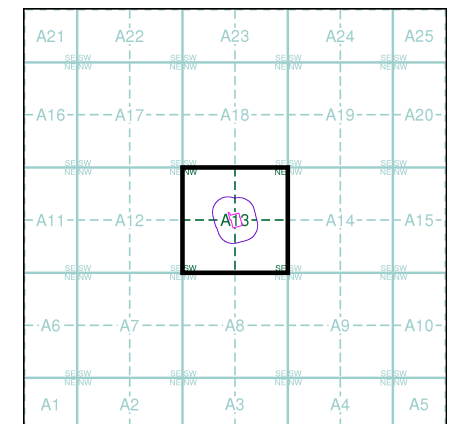


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

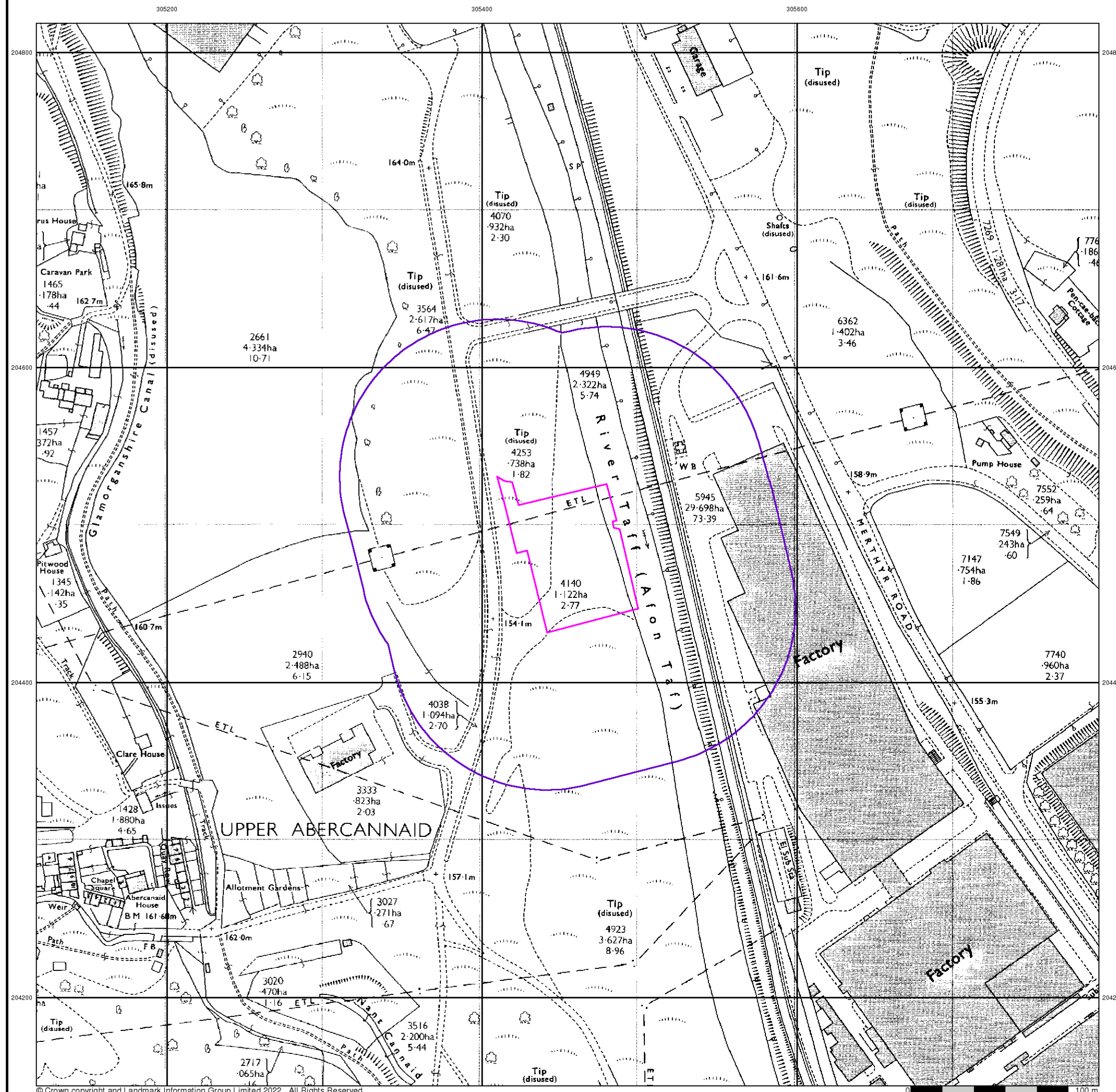


Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

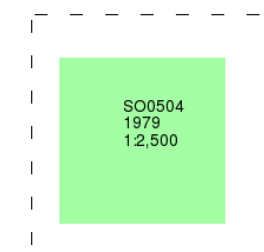
Site Details

Dragon Parc, Abercannaid, Merthyr Tydfil, CF48 1PQ

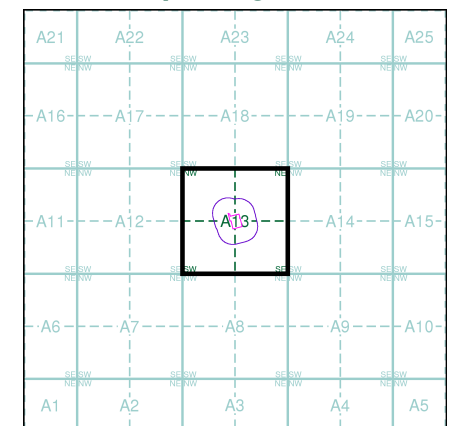


The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

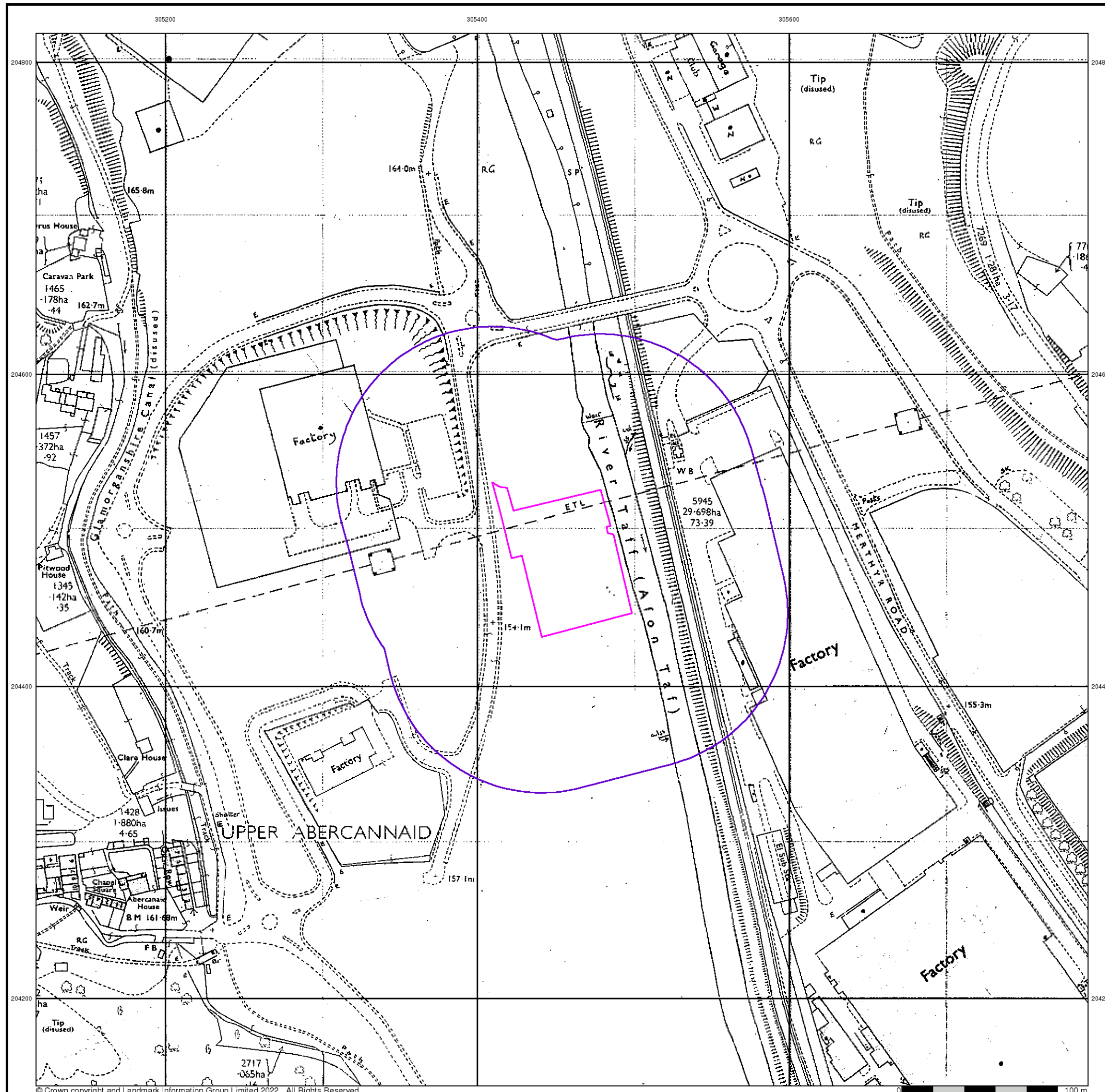


Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ





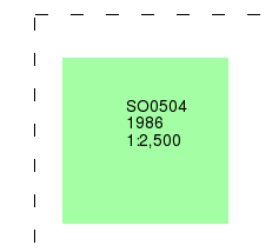
Ordnance Survey Plan

Published 1986

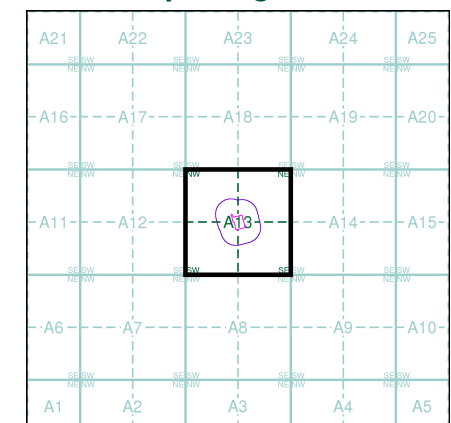
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark®
INFORMATION GROUP

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Fax: 0844 844 9951
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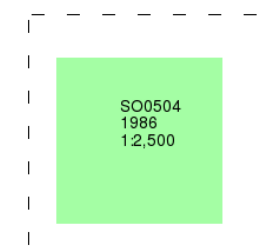
Additional SIMs

Published 1986

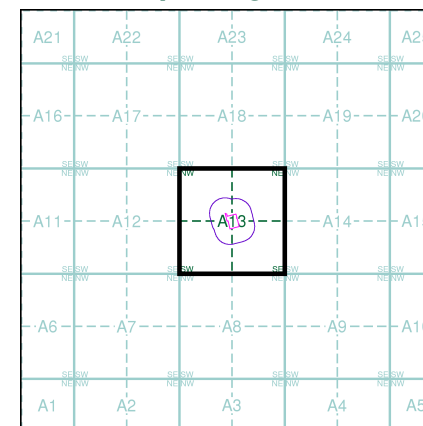
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The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



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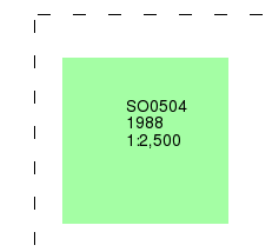
Additional SIMs

Published 1988

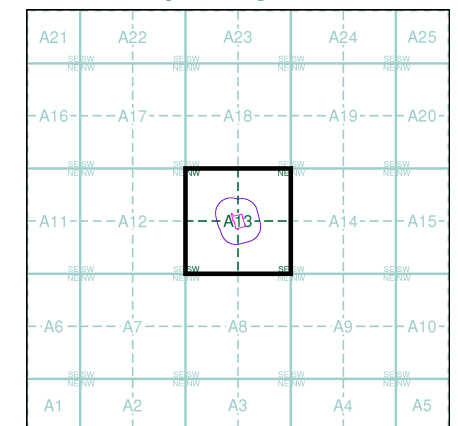
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

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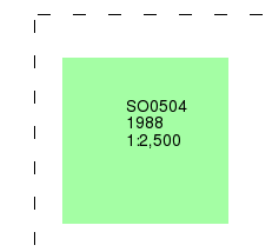
Additional SIMs

Published 1988

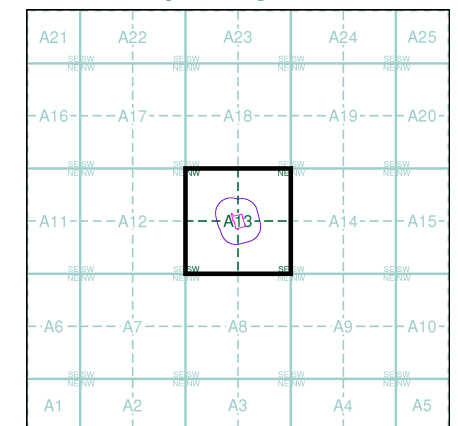
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Slice: A
Site Area (Ha): 0.53
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Site Details

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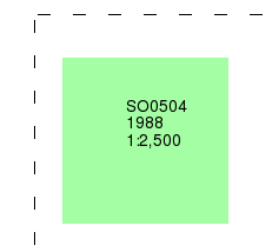
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Published 1988

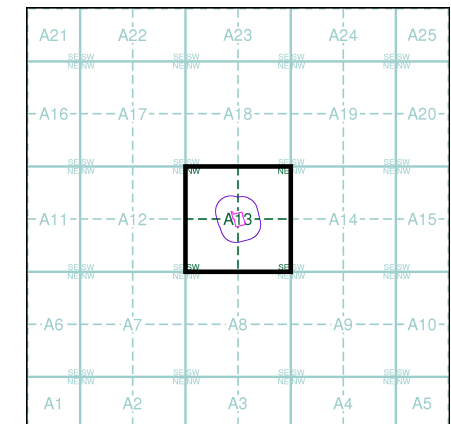
Source map scale - 1:2,500

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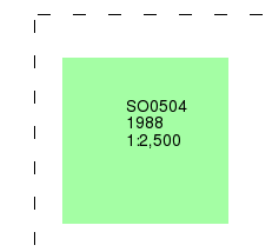
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Published 1988

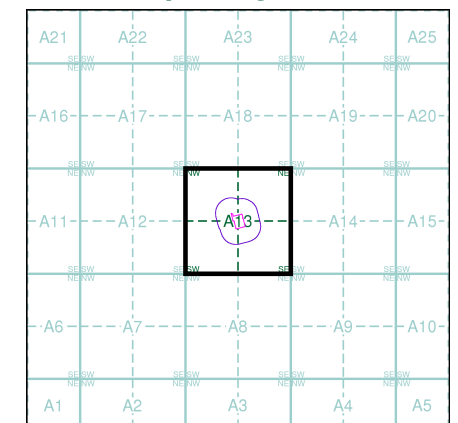
Source map scale - 1:2,500

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Historical Map - Segment A13



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Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

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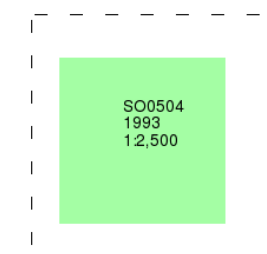
Large-Scale National Grid Data

Published 1993

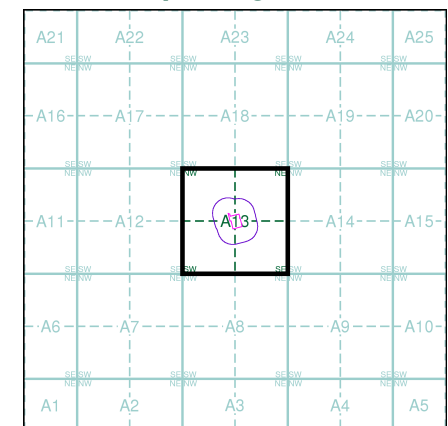
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

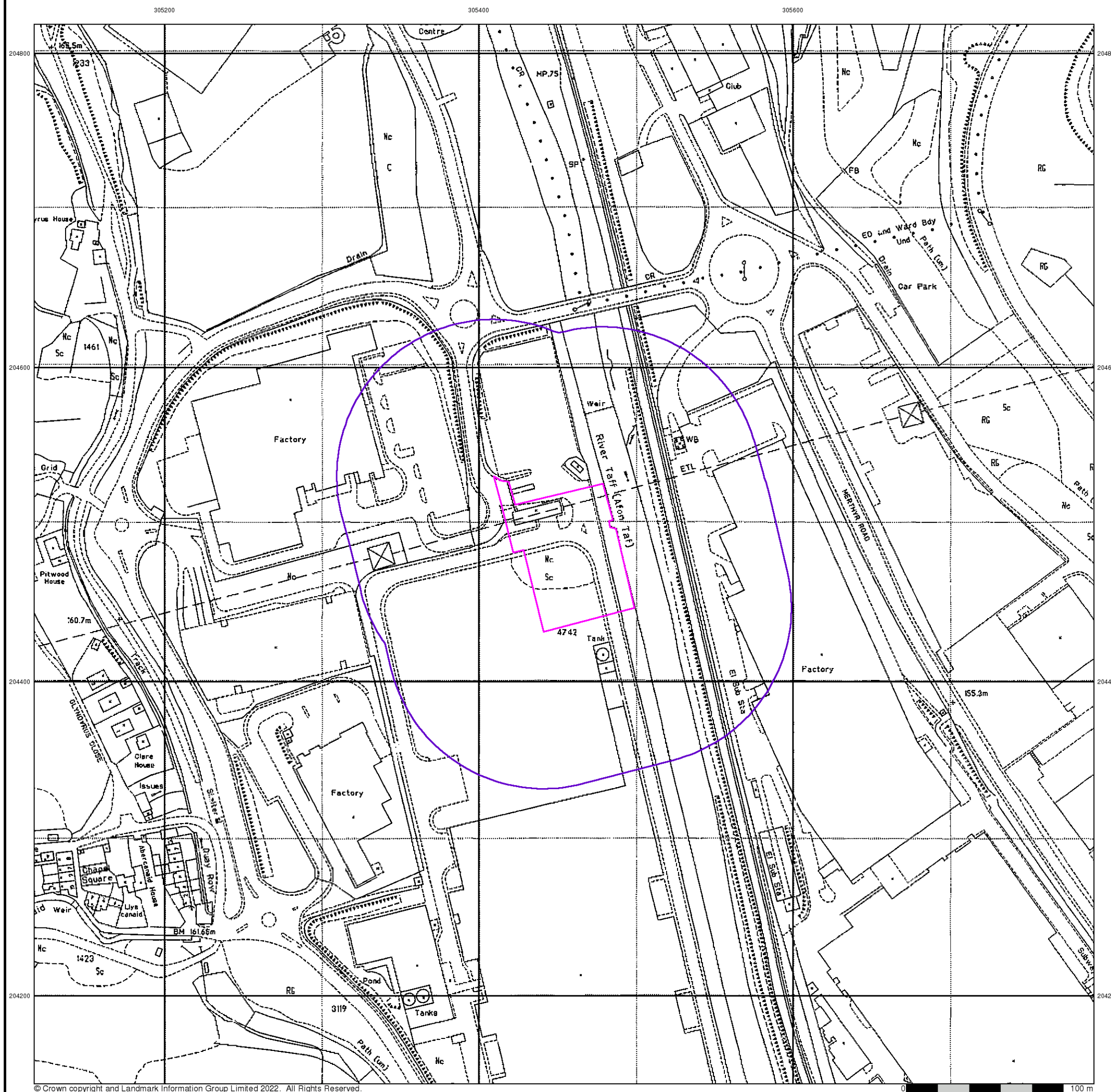
Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

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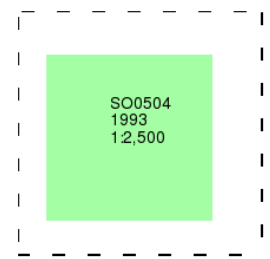
Large-Scale National Grid Data

Published 1993

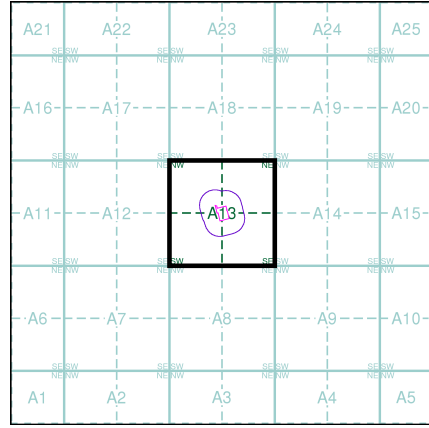
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

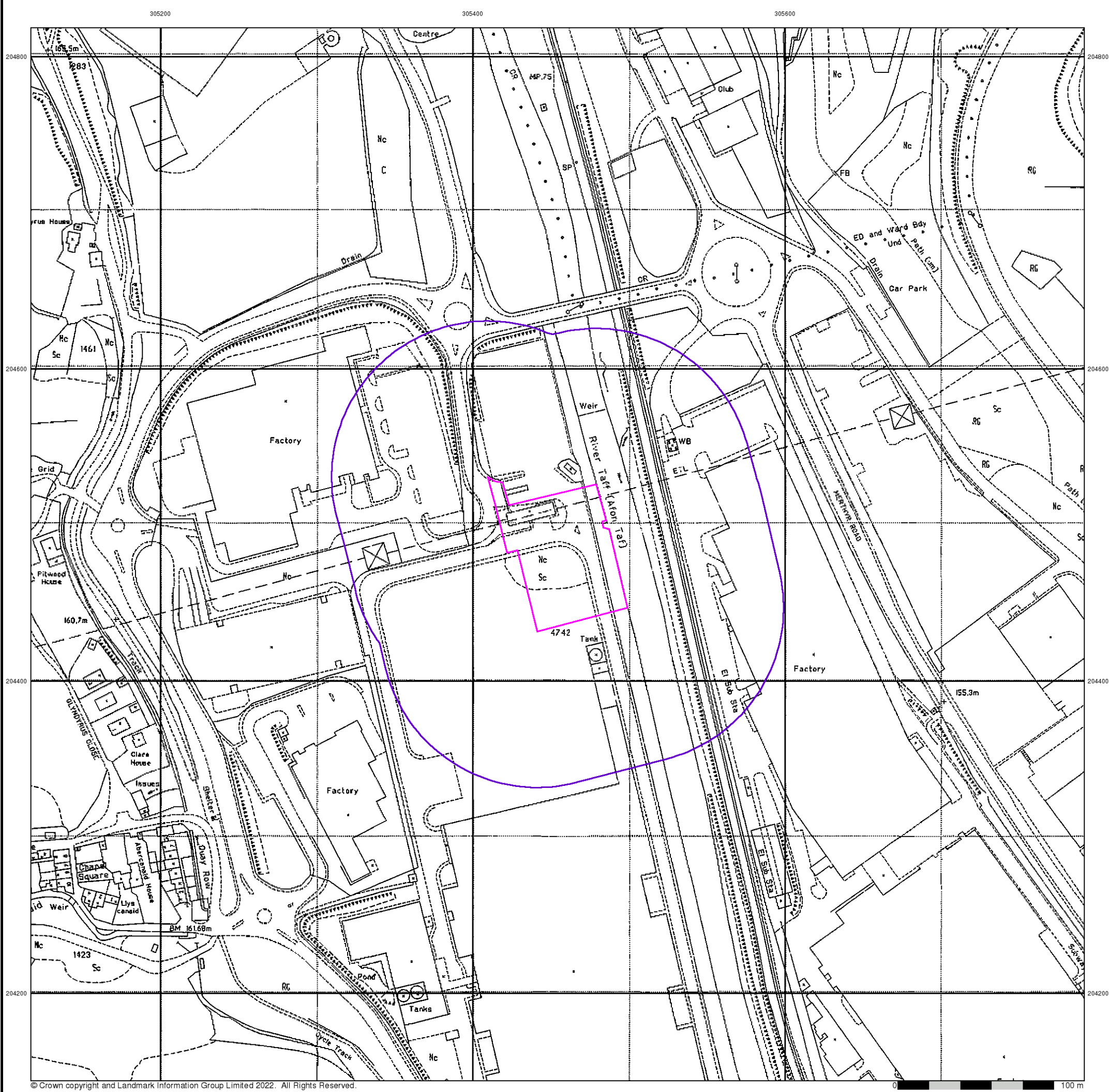
Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

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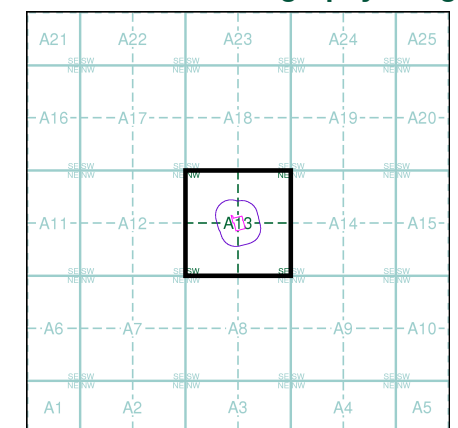


Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

304307693_1_1

Customer Reference:

12888/LP

National Grid Reference:

305450, 204490

Slice:

A

Site Area (Ha):

0.53

Search Buffer (m):

1000

Site Details:

Dragon Parc
Abercanaid
Merthyr Tydfil
CF48 1PQ

Client Details:

MR H Pritchard
Integral Geotechnique
Integral House
7 Beddau Way
Castlegate Business Park
Caerphilly
CF83 2AX

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	12
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	14
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	21
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	22
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	23
Data Suppliers	24
Useful Contacts	25

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1		2	7	28
Coal Mining Affected Areas	pg 7	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 7	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 7		Yes	n/a	n/a
Potential Mining Areas	pg 7	6	3	8	5
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 12	2	3	n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 12	1	4	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 12	2	5	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 13	1	1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts	pg 14			4	10
Disturbed Ground	pg 14				2
General Quarrying	pg 14			3	4
Heap, unknown constituents	pg 15	1	1	2	16
Mineral Railway	pg 16			7	21
Mining & quarrying general	pg 17				2
Mining of coal & lignite	pg 17	1	1	5	9
Quarrying of sand & clay, operation of sand & gravel pits	pg 18				1
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 18	1	1	6	15
Potentially Infilled Land (Water)	pg 19		3	5	8
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125668 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (S)	148	1	305411 204287
2	BGS Recorded Mineral Sites Site Name: Pen-Cae-Bach Pits Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125681 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (E)	247	1	305727 204557
3	BGS Recorded Mineral Sites Site Name: Penyard Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90890 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	291	1	305700 204715
4	BGS Recorded Mineral Sites Site Name: Lucy No 4 Level Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 188623 Type: Underground Status: Ceased Operator: Individual's Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	328	1	305220 204191
4	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125662 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	373	1	305190 204157
5	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125661 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	349	1	305112 204318

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125666 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	353	1	305415 204080
7	BGS Recorded Mineral Sites Site Name: Pen-Cae-Bach Cottage Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125683 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NW (E)	357	1	305843 204544
8	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125663 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	377	1	305250 204107
9	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90889 Type: Underground Status: Ceased Operator: Hill'S Plymouth Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	508	1	305630 205010
9	BGS Recorded Mineral Sites Site Name: Clyn-Mil Drift Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90888 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	521	1	305670 205010
9	BGS Recorded Mineral Sites Site Name: Prospect House Pit Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125680 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	543	1	305702 205021

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 1 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90883 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	525	1	305920 204810
10	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 1 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90883 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	525	1	305920 204810
11	BGS Recorded Mineral Sites Site Name: Graig Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125667 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	540	1	305399 203894
12	BGS Recorded Mineral Sites Site Name: Ellis Pit (Disused) Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125691 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	562	1	306061 204453
13	BGS Recorded Mineral Sites Site Name: Pen-Yard House Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125687 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	635	1	306029 204843
14	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125652 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SE (W)	653	1	304813 204247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	727	1	305805 205175
15	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	727	1	305805 205175
16	BGS Recorded Mineral Sites Site Name: Ellis Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90885 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	728	1	306225 204495
17	BGS Recorded Mineral Sites Site Name: Upper Aber-Canaid Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125651 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	768	1	304800 204010
18	BGS Recorded Mineral Sites Site Name: Graig Cottage Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125655 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	775	1	304947 203835
19	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	789	1	305835 205230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	BGS Recorded Mineral Sites Site Name: Cwm Blacks Workings Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90893 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	789	1	305835 205230
19	BGS Recorded Mineral Sites Site Name: Cwm Blacks Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90891 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	832	1	305870 205260
20	BGS Recorded Mineral Sites Site Name: Graig Location: Abercanaid, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125658 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	823	1	305065 203701
21	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 2 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90884 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	827	1	306270 204765
21	BGS Recorded Mineral Sites Site Name: Clyn-Mil Pit No 2 Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90884 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	827	1	306270 204765
22	BGS Recorded Mineral Sites Site Name: The Willows Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125647 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Lower Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	840	1	304715 205003

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	BGS Recorded Mineral Sites Site Name: Merthyr Common Coal Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 90919 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	847	1	305985 205205
24	BGS Recorded Mineral Sites Site Name: Glyn-Dyrys Pit Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125645 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NW (W)	848	1	304579 204700
25	BGS Recorded Mineral Sites Site Name: Lower Colliers Row Tips Location: Abercanaid, Merthyr Tydfil, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 6114 Type: Tip Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mine Waste Tip (Colliery) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	890	1	304600 204900
26	BGS Recorded Mineral Sites Site Name: Graig Pit Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125698 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	909	1	306374 204202
27	BGS Recorded Mineral Sites Site Name: Wern-Las Level Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125700 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	917	1	306411 204351
28	BGS Recorded Mineral Sites Site Name: Wern-Las House Location: Pentrebach, Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125703 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A15SW (E)	998	1	306496 204404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	BGS Recorded Mineral Sites Site Name: Upper Clyn-Mil Location: Merthyr Tydfil, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 125701 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (E)	999	1	306428 204836
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (E)	0	2	305453 204485
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (E)	0	3	305453 204485
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	38	1	305470 204566
30	Potential Mining Areas Name: Cyfarthfa Ceased Operation: 1924 Commodity: Coal; Upper Two Feet Nine; Lower Two Feet Nine; Twenty Inches; Bute; Gellideg; Upper Yard; Upper Four Feet; Six Feet; Seven Feet; Nine Feet Reference: 8695 Alternate Name/Mine: Bennys Alternate Name/Mine: Canal Alternate Name/Mine: Coedcae Alternate Name/Mine: Colliers Row Upper and Lower Alternate Name/Mine: Cornely Waun Alternate Name/Mine: Cwm Alternate Name/Mine: Cwm Canal Alternate Name/Mine: Cwmdu Alternate Name/Mine: Cwmfelin Alternate Name/Mine: Cwmglo Alternate Name/Mine: Gellideg No. 2 Alternate Name/Mine: Glyndyrus Alternate Name/Mine: Gutter Alternate Name/Mine: Mountain New Alternate Name/Mine: Pen Machine Alternate Name/Mine: Pig and Whistle Alternate Name/Mine: Pond Alternate Name/Mine: Rhydycar Alternate Name/Mine: Taskers Alternate Name/Mine: Twyn Alternate Name/Mine: Wain Alternate Name/Mine: Wern Alternate Name/Mine: Winch Fawr Custodian: Not Supplied	A13NW (E)	0	4	305453 204485

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Potential Mining Areas Name: Abercanaid Ceased Operation: 1897 Commodity: Coal; Lower Two Feet Nine Reference: 3595 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (E)	0	4	305453 204485
32	Potential Mining Areas Name: Abercanaid Ceased Operation: 1902 Commodity: Coal; Four Feet (Upper and Lower); Six Feet (Upper and Lower); Nine Feet; Bute; Lower Two Feet Nine; Five Feet Six Reference: 4357 Alternate Name/Mine: Graig Alternate Name/Mine: Willows Custodian: Not Supplied	A13NW (E)	0	4	305453 204485
33	Potential Mining Areas Name: Abercanaid Ceased Operation: 1897 Commodity: Coal; Lower Four Feet Reference: 3596 Alternate Name/Mine: Willows Custodian: Not Supplied	A13NW (E)	0	4	305453 204485
34	Potential Mining Areas Name: Abercanaid Ceased Operation: 1897 Commodity: Coal; Nine Feet; Red Reference: 3653 Alternate Name/Mine: Willows Custodian: Not Supplied	A13NW (E)	0	4	305453 204485
35	Potential Mining Areas Name: Cyfarthfa Ceased Operation: 1875 Commodity: Ironstone; Black Pins; Big Blue; Little Blue; Big; Rosser Reference: 15055 Alternate Name/Mine: Beyon's Alternate Name/Mine: Bwllring Alternate Name/Mine: Coedcae Alternate Name/Mine: Cornely Waun Alternate Name/Mine: Daniel's Alternate Name/Mine: Davies Alternate Name/Mine: Duke Alternate Name/Mine: Gellide Alternate Name/Mine: Griff Evans Alternate Name/Mine: Jenkin's Alternate Name/Mine: Jones Alternate Name/Mine: Middle Alternate Name/Mine: Morgans Alternate Name/Mine: Rees Alternate Name/Mine: Rhydycar Alternate Name/Mine: Robblins Alternate Name/Mine: Winch Alternate Name/Mine: Ynysfach Custodian: Not Supplied	A13NW (N)	0	4	305453 204486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Potential Mining Areas Name: Clynmill Ceased Operation: 1902 Commodity: Coal; Lower Four Feet; Five Feet Six Reference: 4325 Alternate: Nos. 1, 2 Name/Mine: Custodian: Not Supplied	A13NE (E)	63	4	305554 204483
37	Potential Mining Areas Name: Coronation Ceased Operation: 1919 Commodity: Coal; Nine Feet; Red Reference: 6951 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A13NE (E)	63	4	305554 204483
38	Potential Mining Areas Name: Penyard Ceased Operation: 1901 Commodity: Coal; Red Reference: 4117 Alternate: Clynmil No. 1 Name/Mine: Custodian: Not Supplied	A13NE (E)	63	4	305554 204483
39	Potential Mining Areas Name: Cyfarthfa Ceased Operation: 1855 Commodity: Ironstone; Big Blue; Little Blue; Black Pins; Big Reference: Not Supplied Alternate: Griff Evans Name/Mine: Alternate: Pond Name/Mine: Custodian: Llewellyn Cyfarthfa Coal Co. Ltd., Troed-y-Rhiw, Merthyr Tydfil.	A13NW (W)	257	4	305152 204492
40	Potential Mining Areas Name: Cyfarthfa Ceased Operation: 1866 Commodity: Coal; Lower Yard; Five Feet Six; Dirty; Nine Feet; Six Feet; Four Feet; Upper Reference: Two Feet Nine; Lower Two Feet Nine Alternate: Not Supplied Name/Mine: Cwm Alternate: Evans Name/Mine: Custodian: W. Armstrong and Sons, Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne.	A13NW (W)	257	4	305152 204492
41	Potential Mining Areas Name: Merthyr Tydfil Ceased Operation: Not Supplied Commodity: Coal and Ironstone Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A13NW (W)	261	4	305152 204492
42	Potential Mining Areas Name: Cyfarthfa Ceased Operation: 1866 Commodity: Coal; Upper Four Feet; Six Feet; Nine Feet; Upper Yard Reference: Not Supplied Alternate: Gethin Name/Mine: Custodian: W. Armstrong and Sons, Collingwood Buildings, Collingwood Street, Newcastle-on-Tyne.	A8NW (S)	349	4	305445 204083
43	Potential Mining Areas Name: Cwmblacks Ceased Operation: 1910 Commodity: Coal; Lower Four Feet (Middle Coal) Reference: 5547 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A18SE (N)	370	4	305563 204885

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Potential Mining Areas Name: Hill's Plymouth Ceased Operation: 1897 Commodity: Coal; Nine Feet and Red; Lower Four Feet; Bottom Six Feet Reference: 3740 Alternate Name/Mine: Duffryn South No. 1 Alternate Name/Mine: Ellis Alternate Name/Mine: Pentrebach Alternate Name/Mine: Plymouth No. 1 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A18SE (N)	370	4	305563 204885
45	Potential Mining Areas Name: Cyfarthfa Ceased Operation: 1873 Commodity: Ironstone; Little Blue; Black Pins; Big Blue; Rosser; Big Reference: Not Supplied Alternate Name/Mine: Rhydycar Custodian: Llewellyn Cyfarthfa Coal Co. Ltd., Troed-y-Rhiw, Merthyr Tydfil.	A18SW (NW)	441	4	305161 204894
46	Potential Mining Areas Name: Wernlas Ceased Operation: 1935 Commodity: Coal; Upper Two Feet Nine; Upper Four Feet Reference: 11893 Alternate Name/Mine: Forge No. 2 Alternate Name/Mine: Graig No. 2 Alternate Name/Mine: including workings from Duffryn North Alternate Name/Mine: or Bell Row Alternate Name/Mine: Penydarren Alternate Name/Mine: Taibach and Waun Custodian: Not Supplied	A14SW (E)	457	4	305957 204474
47	Potential Mining Areas Name: Taibach Ceased Operation: 1895 Commodity: Coal; Six Feet Reference: 3528 Alternate Name/Mine: Duffryn North Alternate Name/Mine: Graig Custodian: Not Supplied	A9NW (SE)	585	4	305948 204073
48	Potential Mining Areas Name: Thomas Merthyr Ceased Operation: 1908 Commodity: Coal; No.3 Rhondda; Hafod Reference: 5523 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8SW (S)	805	4	305135 203688
49	Potential Mining Areas Name: Waun Ceased Operation: 1919 Commodity: Coal; Gloyndu or Top; Six Feet; Upper Four Feet Reference: 7019 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A14SE (E)	860	4	306359 204466
50	Potential Mining Areas Name: Trebeddau Ceased Operation: 1907 Commodity: Coal; Five Feet Six; Gellideg Reference: 5196 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A19NW (NE)	901	4	305974 205279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Potential Mining Areas Name: Clynmill Pond Ceased Operation: 1917 Commodity: Coal; Upper Four Feet; Top Six Feet Reference: 6702 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A19SE (NE)	952	4	306367 204868

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Extractive Industries or Potential Excavations from 1855-1909 Use: Unspecified Deposited Material First Map Published 1876 Date: Last Map Published 1881 Date:	A13NW (W)	0	-	305448 204484
53	Extractive Industries or Potential Excavations from 1855-1909 Use: Upper Aber-canaid Pit (Coal) First Map Published 1876 Date: Last Map Published 1881 Date:	A13NW (E)	0	-	305453 204485
54	Extractive Industries or Potential Excavations from 1855-1909 Use: Unspecified Deposited Material First Map Published 1881 Date: Last Map Published Not Applicable Date:	A13SW (S)	15	-	305442 204417
55	Extractive Industries or Potential Excavations from 1855-1909 Use: Pentre - bach Feeder First Map Published 1876 Date: Last Map Published Not Applicable Date:	A13NE (N)	71	-	305490 204595
56	Extractive Industries or Potential Excavations from 1855-1909 Use: Unspecified Deposited Material First Map Published 1881 Date: Last Map Published Not Applicable Date:	A13SE (E)	76	-	305579 204466
57	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Deposited Material First Map Published 1900 Date: Last Map Published 1900 Date:	A13NW (W)	0	-	305445 204484
58	Extractive Industries or Potential Excavations from 1893-1915 Use: Upper Aber-canaid Pit (Coal) First Map Published 1900 Date: Last Map Published Not Applicable Date:	A13SE (S)	21	-	305468 204417
59	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Deposited Material First Map Published 1900 Date: Last Map Published Not Applicable Date:	A13SE (S)	29	-	305470 204410
60	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Deposited Material First Map Published 1900 Date: Last Map Published Not Applicable Date:	A13SE (E)	70	-	305572 204447
61	Extractive Industries or Potential Excavations from 1893-1915 Use: Pentre-bach Feeder First Map Published 1900 Date: Last Map Published 1900 Date:	A13NE (N)	74	-	305491 204598
62	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13NE (N)	0	-	305461 204513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published 1919 Date:	A13NW (W)	0	-	305449 204486
64	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13NW (NW)	10	-	305395 204519
65	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Disturbed Land First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13SE (E)	56	-	305554 204446
66	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13SW (SW)	65	-	305368 204448
67	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1919 Date: Last Map Published Not Applicable Date:	A13SE (E)	69	-	305568 204446
68	Extractive Industries or Potential Excavations from 1906-1937 Use: Pentre-bach Feeder First Map Published 1919 Date: Last Map Published 1919 Date:	A13NE (N)	77	-	305486 204603
69	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1964 Date: Last Map Published N/A Date:	A13NW (W)	0	-	305442 204485
70	Extractive Industries or Potential Excavations from 1950-1980 Use: Slag Heap First Map Published 1964 Date: Last Map Published N/A Date:	A13SE (SE)	74	-	305572 204433

Historical Land Use Information (1:10,000)

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	Air Shafts Use: Not Supplied Date of Mapping: 1885		A13SW (W)	324	-	305124 204356
72	Air Shafts Use: Not Supplied Date of Mapping: 1901 - 1938		A14NW (E)	381	-	305859 204579
73	Air Shafts Use: Not Supplied Date of Mapping: 1901 - 1938		A14NW (NE)	498	-	305927 204743
74	Air Shafts Use: Not Supplied Date of Mapping: 1885		A7NE (SW)	499	-	305077 204092
75	Air Shafts Use: Not Supplied Date of Mapping: 1885		A8NE (S)	510	-	305518 203928
76	Air Shafts Use: Not Supplied Date of Mapping: 1885 - 1951		A12SE (SW)	687	-	304816 204147
77	Air Shafts Use: Not Supplied Date of Mapping: 1885 - 1951		A12SW (W)	712	-	304725 204340
78	Air Shafts Use: Not Supplied Date of Mapping: 1885		A8SW (S)	722	-	305385 203712
79	Air Shafts Use: Not Supplied Date of Mapping: 1901 - 1922		A14SE (E)	742	-	306241 204439
80	Air Shafts Use: Not Supplied Date of Mapping: 1901		A14SE (E)	795	-	306289 204370
81	Air Shafts Use: Not Supplied Date of Mapping: 1922 - 1938		A14NE (E)	827	-	306270 204766
82	Air Shafts Use: Not Supplied Date of Mapping: 1901		A14SE (E)	828	-	306314 204305
83	Air Shafts Use: Not Supplied Date of Mapping: 1922		A7SE (SW)	904	-	304974 203659
84	Air Shafts Use: Not Supplied Date of Mapping: 1922 - 1938		A14NE (E)	950	-	306444 204542
85	Disturbed Ground Use: Not Supplied Date of Mapping: 1885		A12SW (W)	708	-	304746 204272
86	Disturbed Ground Use: Not Supplied Date of Mapping: 1885		A18NW (N)	759	-	305312 205283
87	General Quarrying Use: Not Supplied Date of Mapping: 1885		A13SW (W)	262	-	305183 204374
88	General Quarrying Use: Not Supplied Date of Mapping: 1922		A8NW (SW)	327	-	305294 204141
89	General Quarrying Use: Not Supplied Date of Mapping: 1885		A14SW (E)	416	-	305914 204470
90	General Quarrying Use: Not Supplied Date of Mapping: 1901 - 1922		A12NE (NW)	626	-	304826 204758
91	General Quarrying Use: Not Supplied Date of Mapping: 1989		A14NW (E)	647	-	306117 204645

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	General Quarrying Use: Not Supplied Date of Mapping: 1885	A7NE (SW)	702	-	304882 204010
93	General Quarrying Use: Not Supplied Date of Mapping: 1885	A7NE (SW)	743	-	304787 204082
94	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1922	A13NW (W)	0	-	305445 204485
95	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1922 - 1951	A13NE (E)	54	-	305542 204504
96	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A12SE (W)	348	-	305079 204420
97	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1922	A8NW (S)	483	-	305437 203949
98	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A18SW (NW)	520	-	305156 204984
99	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1951 - 1964	A8NW (SW)	529	-	305131 204005
100	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1951	A7NE (SW)	558	-	304975 204126
101	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1964	A12SE (W)	585	-	304842 204389
102	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1951 - 1964	A7NE (SW)	608	-	304976 204042
103	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A17SE (NW)	691	-	304961 205055
104	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1922 - 1951	A8SW (S)	710	-	305186 203770
105	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A17SE (NW)	711	-	304991 205105
106	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A18NW (N)	831	-	305352 205359
107	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A18NE (N)	833	-	305457 205363
108	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1989	A19SE (NE)	877	-	306168 205069
109	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1990	A12NW (W)	887	-	304524 204482
110	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1990	A17SW (NW)	891	-	304654 205001
111	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A17NW (NW)	968	-	304680 205167
112	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A17SW (W)	979	-	304481 204839

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1885	A17NE (NW)	1000	-	304941 205414
114	Mineral Railway Use: Not Supplied Date of Mapping: 1901 - 1922	A13SW (SW)	258	-	305213 204313
115	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1938	A18SW (N)	311	-	305451 204839
116	Mineral Railway Use: Not Supplied Date of Mapping: 1901	A13SW (SW)	312	-	305151 204318
117	Mineral Railway Use: Not Supplied Date of Mapping: 1951	A13SW (SW)	342	-	305183 204208
118	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A14NW (E)	357	-	305853 204487
119	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1901	A8NE (S)	468	-	305616 203994
120	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1951	A8NE (SE)	496	-	305723 204004
121	Mineral Railway Use: Not Supplied Date of Mapping: 1951	A7NE (SW)	514	-	305055 204093
122	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1901	A12NE (W)	525	-	304886 204512
123	Mineral Railway Use: Not Supplied Date of Mapping: 1901 - 1922	A9NW (SE)	571	-	305854 204000
124	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A19SW (NE)	584	-	305890 204940
125	Mineral Railway Use: Not Supplied Date of Mapping: 1951	A12SE (W)	606	-	304841 204313
126	Mineral Railway Use: Not Supplied Date of Mapping: 1922	A8NW (S)	611	-	305208 203868
127	Mineral Railway Use: Not Supplied Date of Mapping: 1901	A14SW (E)	624	-	306105 204300
128	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A19SW (NE)	643	-	305874 205032
129	Mineral Railway Use: Not Supplied Date of Mapping: 1901	A14SE (E)	648	-	306132 204309
130	Mineral Railway Use: Not Supplied Date of Mapping: 1922 - 1951	A8SW (S)	695	-	305173 203791
131	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1938	A17SW (NW)	735	-	304743 204839
132	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1938	A12NW (W)	790	-	304628 204641
133	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A18NW (N)	800	-	305436 205330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Mineral Railway Use: Not Supplied Date of Mapping: 1922 - 1938	A18NW (N)	807	-	305446 205337
135	Mineral Railway Use: Not Supplied Date of Mapping: 1885 - 1938	A12NW (W)	818	-	304630 204777
136	Mineral Railway Use: Not Supplied Date of Mapping: 1901 - 1938	A12NW (W)	831	-	304630 204817
137	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A9NE (SE)	850	-	306259 204067
138	Mineral Railway Use: Not Supplied Date of Mapping: 1901 - 1938	A17SW (NW)	919	-	304646 205040
139	Mineral Railway Use: Not Supplied Date of Mapping: 1901	A14SE (E)	925	-	306381 204170
140	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A19SE (NE)	936	-	306189 205135
141	Mineral Railway Use: Not Supplied Date of Mapping: 1885	A17SW (NW)	956	-	304534 204914
142	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A12NE (W)	643	-	304799 204731
143	Mining & quarrying general Use: Not Supplied Date of Mapping: 1885	A17NE (NW)	911	-	304807 205212
144	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885 - 1901	A13NW (E)	0	-	305453 204485
145	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885 - 1938	A13NE (NE)	92	-	305519 204608
146	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A13SW (SW)	317	-	305282 204158
147	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1922	A13SW (SW)	340	-	305121 204320
148	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1922	A13SW (SW)	367	-	305186 204169
149	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A8NW (S)	456	-	305396 203979
150	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885 - 1951	A14SW (E)	465	-	305956 204365
151	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1901	A12SE (SW)	584	-	304896 204224
152	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1922 - 1938	A19SW (NE)	636	-	306027 204849
153	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A14NE (E)	683	-	306140 204697
154	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1922	A7NE (SW)	686	-	305070 203856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885 - 1951	A8SW (S)	723	-	305389 203711
156	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885 - 1951	A12NW (W)	742	-	304668 204529
157	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1922	A7SE (SW)	813	-	305080 203704
158	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1922 - 1938	A17SW (NW)	911	-	304566 204875
159	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1885	A17SW (NW)	942	-	304550 204915
160	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1901 - 1922	A14SE (E)	986	-	306456 204212
161	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NW (E)	0	-	305453 204485
162	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (NE)	125	-	305605 204548
163	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SW (W)	262	-	305183 204374
164	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SW (SW)	317	-	305282 204158
165	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	416	-	305914 204470
166	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NW (S)	456	-	305396 203979
167	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	465	-	305956 204365
168	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NE (SW)	499	-	305077 204092
169	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (SE)	603	-	306031 204165
170	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NE (NW)	626	-	304826 204758
171	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SW (NE)	636	-	306027 204849
172	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NE (W)	647	-	304780 204674
173	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NE (SW)	686	-	305070 203856
174	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A7NE (SW)	702	-	304882 204010
175	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12SW (W)	712	-	304725 204340

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	722	-	305385 203712
177	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	723	-	305389 203711
178	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NW (W)	742	-	304668 204529
179	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A7NE (SW)	743	-	304787 204082
180	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7SE (SW)	813	-	305080 203704
181	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SE (NE)	857	-	306140 205070
182	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17NE (NW)	911	-	304807 205212
183	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A17SW (NW)	911	-	304566 204875
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1922	A13SE (E)	152	-	305651 204426
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1951	A13NE (E)	167	-	305646 204557
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A13SE (SE)	238	-	305650 204264
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NE (W)	347	-	305067 204586
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NE (W)	358	-	305055 204579
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18SW (N)	404	-	305378 204933
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SW (NW)	464	-	305234 204959
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A8NE (S)	484	-	305547 203960
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18NW (N)	738	-	305410 205268
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18NE (N)	765	-	305589 205282
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17NE (NW)	818	-	305043 205261
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18NE (N)	853	-	305639 205363
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (W)	863	-	304560 204678

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A9NE (SE)	887	-	306305 204077
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A9SW (SE)	903	-	306114 203786
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A19SE (NE)	977	-	306242 205135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
200	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	119	1	305326 204390
201	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	186	1	305652 204593
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
202	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305481 204491
203	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
204	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	22	1	305510 204497
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	119	1	305326 204390
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	212	1	305694 204542
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
205	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
206	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	212	1	305694 204542
207	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	249	1	305733 204541
208	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
209	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	305481 204491
210	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	22	1	305510 204497
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	212	1	305694 204542
211	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	305453 204485
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	250	1	305745 204487

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Glamorganshire	012_05	1876
Glamorganshire	012_09	1881
Glamorganshire	012_05	1900
Glamorganshire	012_09	1900
Glamorganshire	012_05	1919
Glamorganshire	012_09	1919
Ordnance Survey Plan	SO0504	1964

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Glamorganshire	012_00	1885
Monmouthshire	016_00	1885
Brecknockshire	051_NW	1889
Glamorganshire	012_NW	1901
Glamorganshire	012_SW	1901
Brecknockshire	051_NW	1905
Glamorganshire	012_NW	1922
Glamorganshire	012_SW	1922
Brecknockshire	051_00	1922
Brecknockshire	051_NW	1938
Glamorganshire	012_NW	1951
Glamorganshire	012_SW	1951
Ordnance Survey Plan	SO00SE	1964
Ordnance Survey Plan	SO00SW	1964
Ordnance Survey Plan	SO00NE	1965
Ordnance Survey Plan	SO00NW	1965
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SO00SE	1989
Ordnance Survey Plan	SO00SW	1990
Ordnance Survey Plan	SO00NE	1992
Ordnance Survey Plan	SO00NW	1992

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2022	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	June 2022	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	 Stantec
Wardell Armstrong	 wardell armstrong your earth our world
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Historical Land Use Information (1:2,500)

General

- Specified Site Specified Buffer(s) Bearing Reference Point Map ID
Several of Type at Location

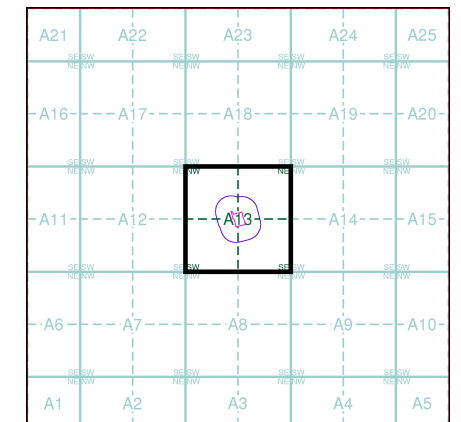
Potentially Contaminative Industrial Uses
(Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A13

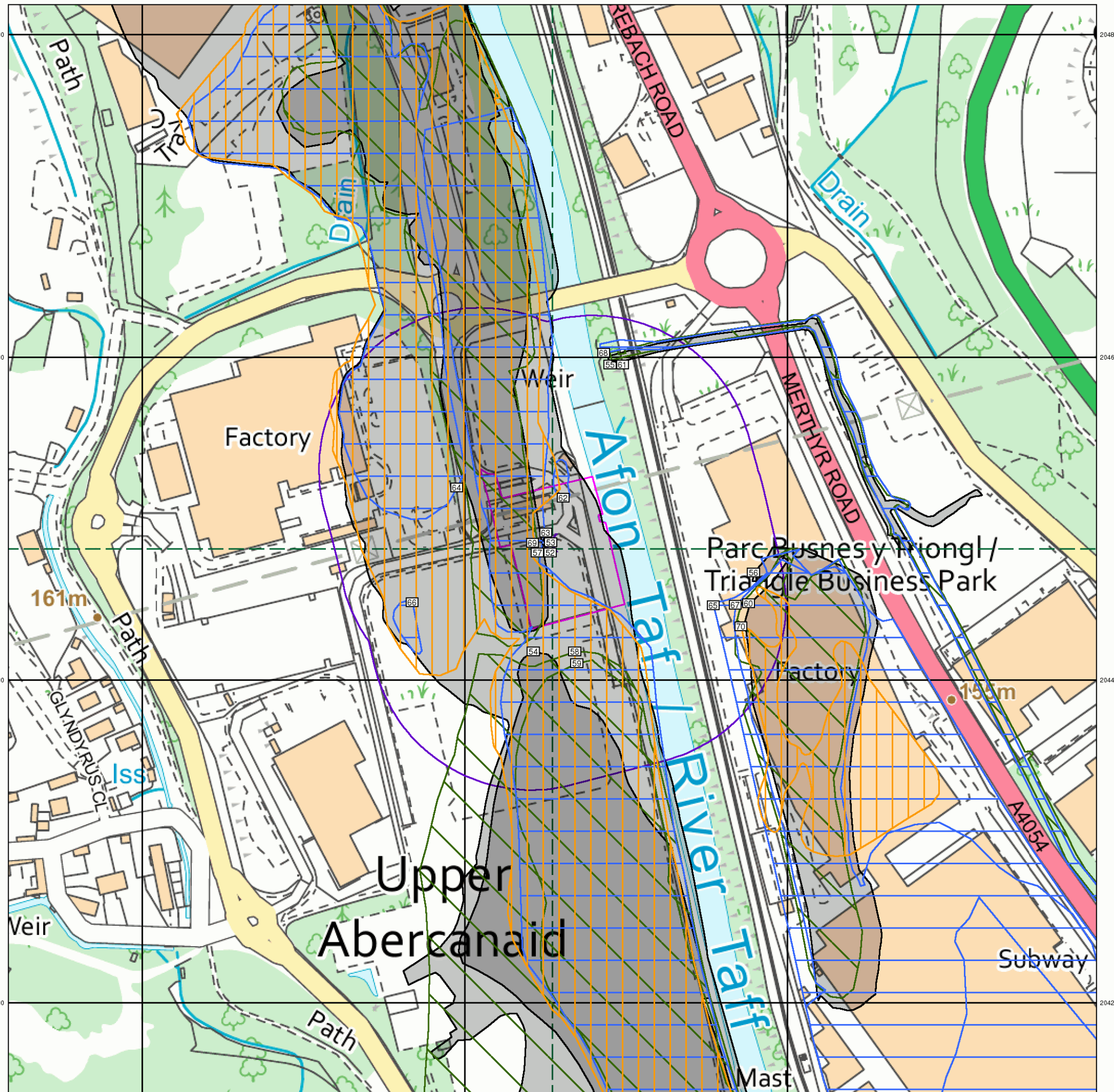


Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Plot Buffer (m): 100

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ



Historical Land Use Information (1:10,000)

General

- Specified Site Specified Buffer(s) Bearing Reference Point Map ID
Several of Type at Location

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

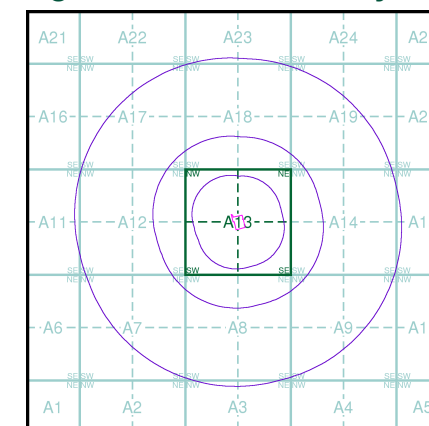
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

- Potential Mining Area
BGS Recorded Mineral Site

Mining and Ground Stability - Slice A

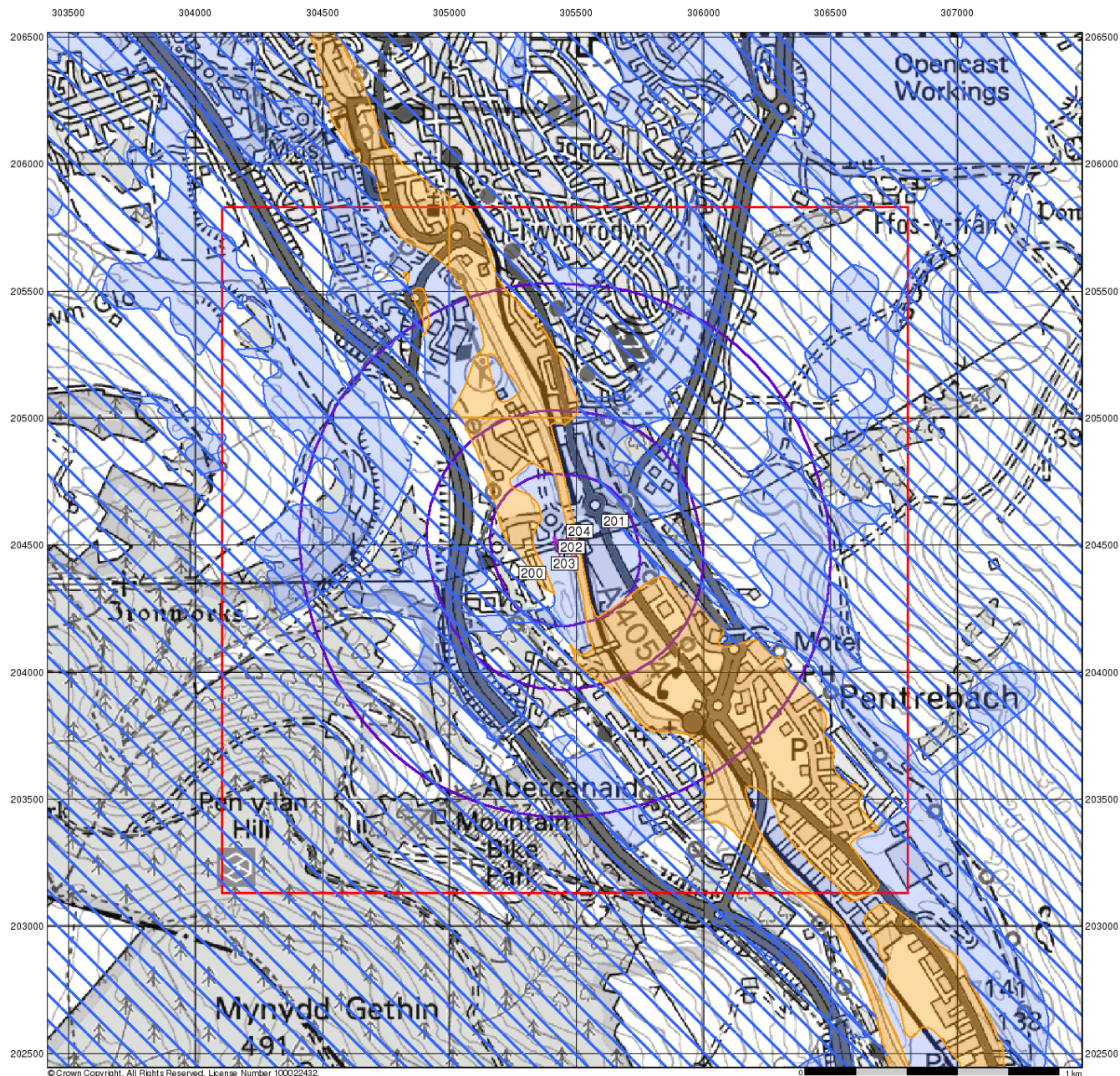


Order Details

Order Number: 304307693_1_1
Customer Ref: 12888/LP
National Grid Reference: 305450, 204490
Slice: A
Site Area (Ha): 0.53
Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ



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Intégral Géotechnique

Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Collapsible Ground Stability Hazards

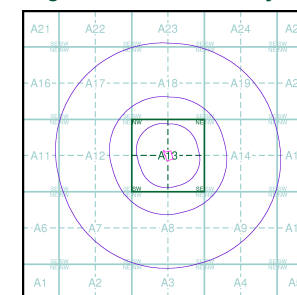
- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

- | Point | Polygon |
|-------|---------|
| | |
| | |

Mining and Ground Stability - Slice A



Order Details

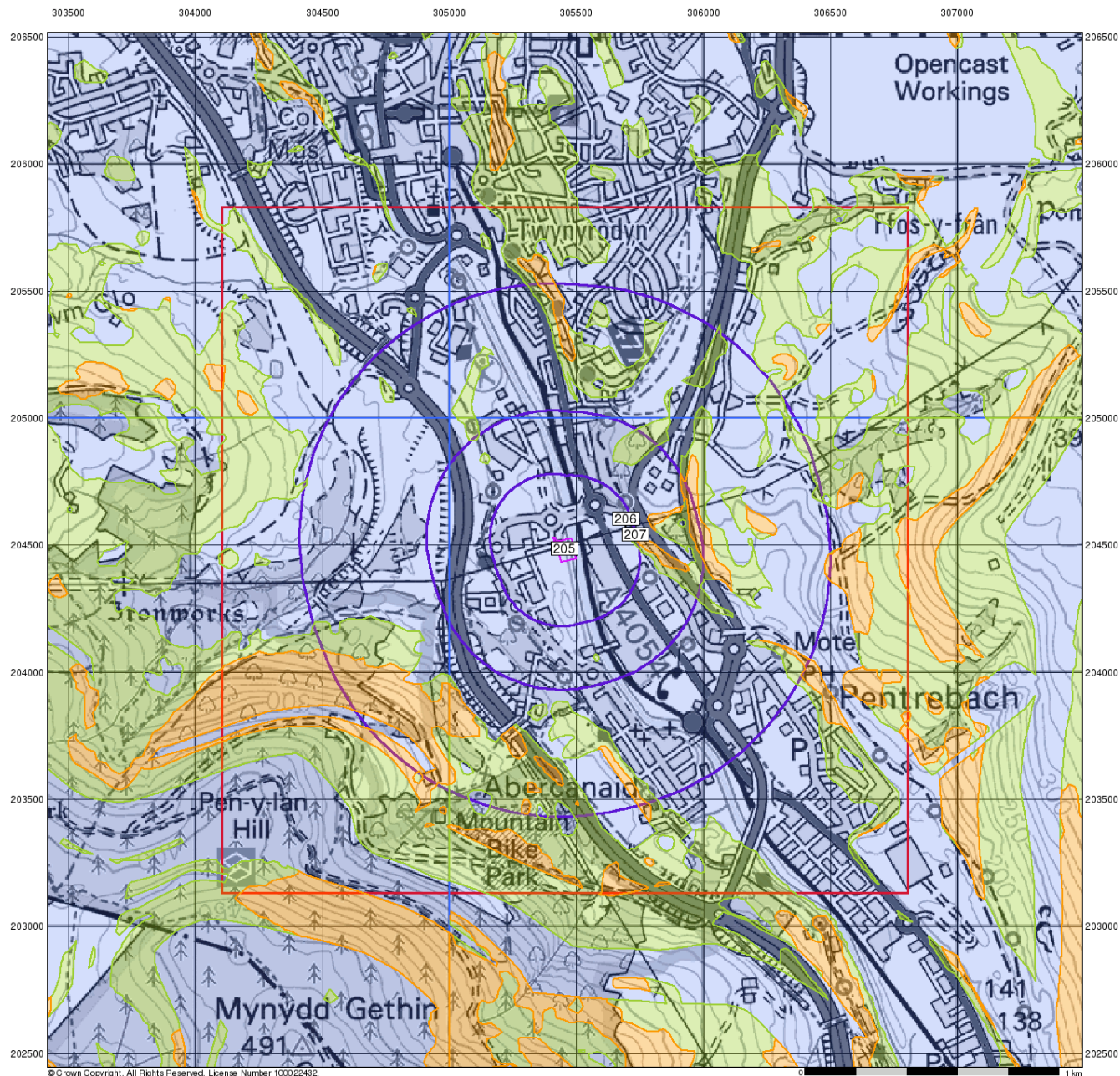
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 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercarn, Merthyr Tydfil, CF48 1PQ

Landmark
 INFORMATION GROUP

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



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Intégral Géotechnique

Ground Stability Data (1:50,000)

General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Ⓜ Map ID

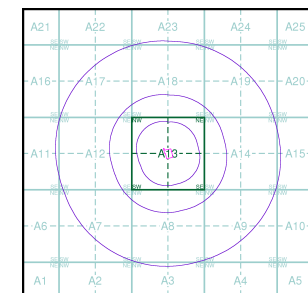
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High
- ▨ Moderate
- ▨ Low
- ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

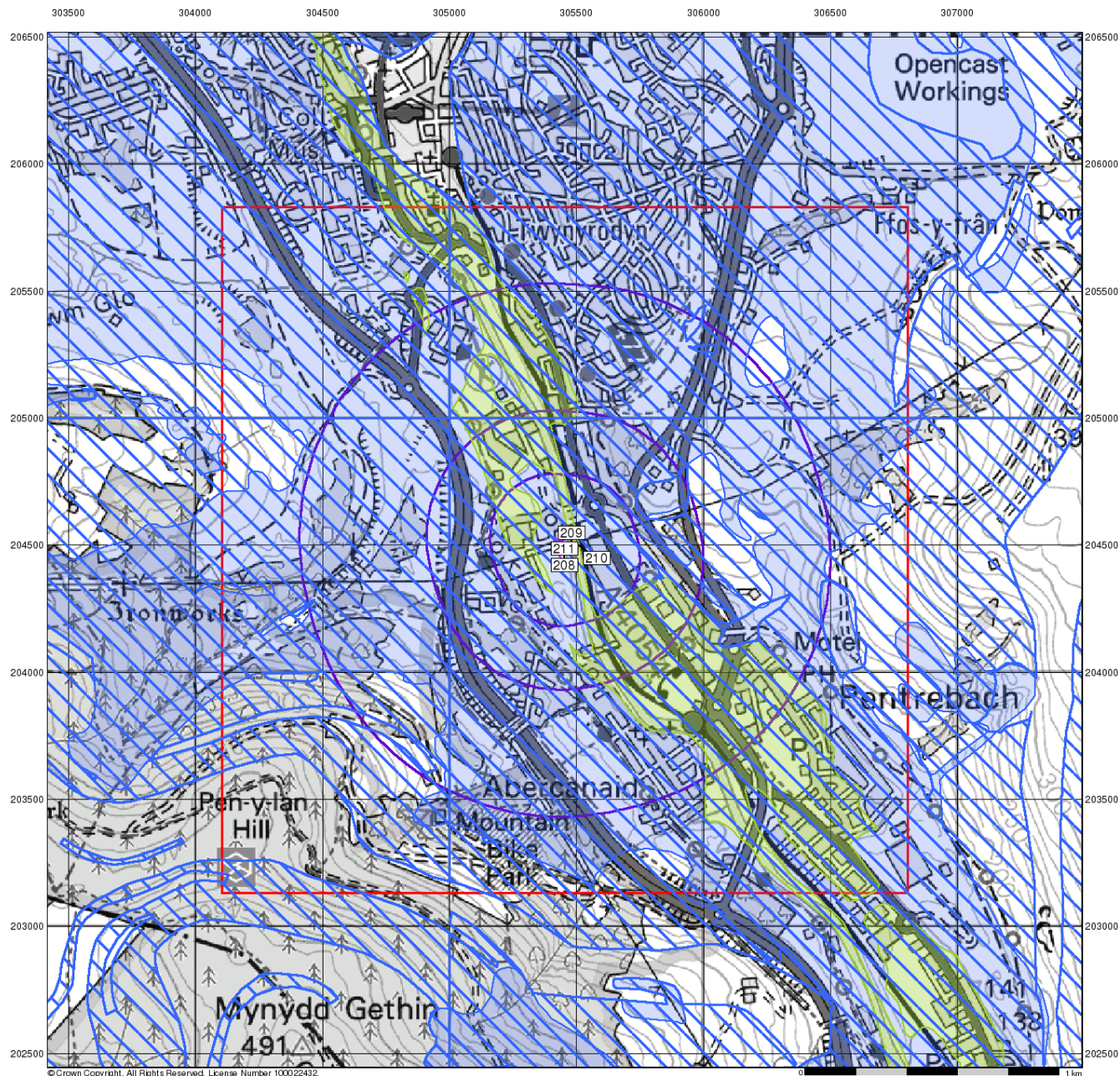
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 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
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Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

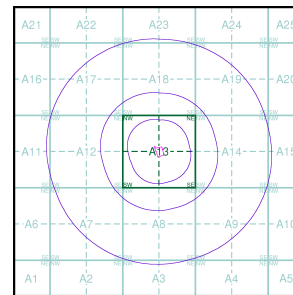
Potential for Running Sand Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 304307693_1_1
 Customer Ref: 12888/LP
 National Grid Reference: 305450, 204490
 Slice: A
 Site Area (Ha): 0.53
 Search Buffer (m): 1000

Site Details

Dragon Parc, Abercanaid, Merthyr Tydfil, CF48 1PQ

Landmark
 INFORMATION GROUP

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

APPENDIX C

BGS RADON GEOREPORT

Laura Pullin
Integral Geotechnique
Integral House
7 Beddau Way
Caerphilly
CF83 2AX

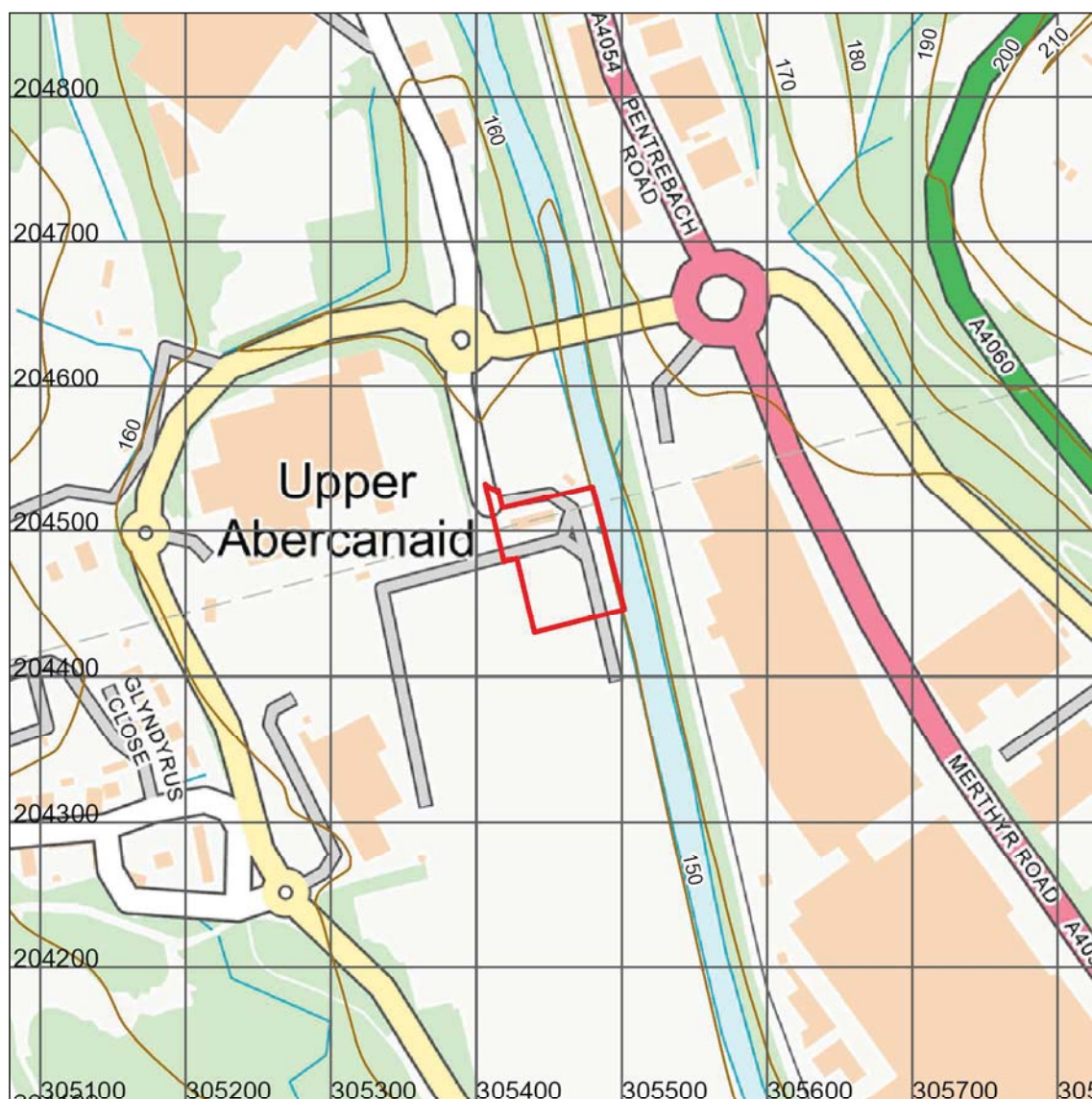
Radon Report

Advisory report on the requirement for radon protective measures in new buildings, conversions and extensions to existing buildings. The report also indicates whether a site is located within a radon Affected Area

Report Id: *BGS_329306/39521*

Client reference: 12888 Dragon Parc, Merthyr Tydfil

Search location



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Search location indicated in red

*This report describes a site located at National Grid Reference 305454, 204482.
Note that for sites of irregular shape, this point may lie outside the site boundary.
Where the client has submitted a site plan the assessment will be based on the area given.*

Radon Report: UK

When extensions are made to existing buildings in high radon areas, or new buildings are constructed in these areas, the Building Regulations for England, Wales, Scotland and Northern Ireland require that protective measures are taken against radon entering the building.

This report provides information on whether radon protective measures are required. Depending on the probability of buildings having high radon levels, the Regulations may require either:

1. No protective measures
2. Basic protective measures
3. Full protective measures

This is an advisory report on the requirement for radon protective measures in new buildings, conversions and extensions. The report also indicates whether a site is located within a radon Affected Area

Requirement for radon protective measures

The determination below follows advice in *BR211 Radon: Guidance on protective measures for new buildings (2015 edition)*, which also provides guidance on what to do if the result indicates that protective measures are required.

Is the property in an area where radon protective measures are required for new buildings or extensions to existing ones as described in publication BR211 (2015 edition) Radon: Guidance on protective measures for new buildings?

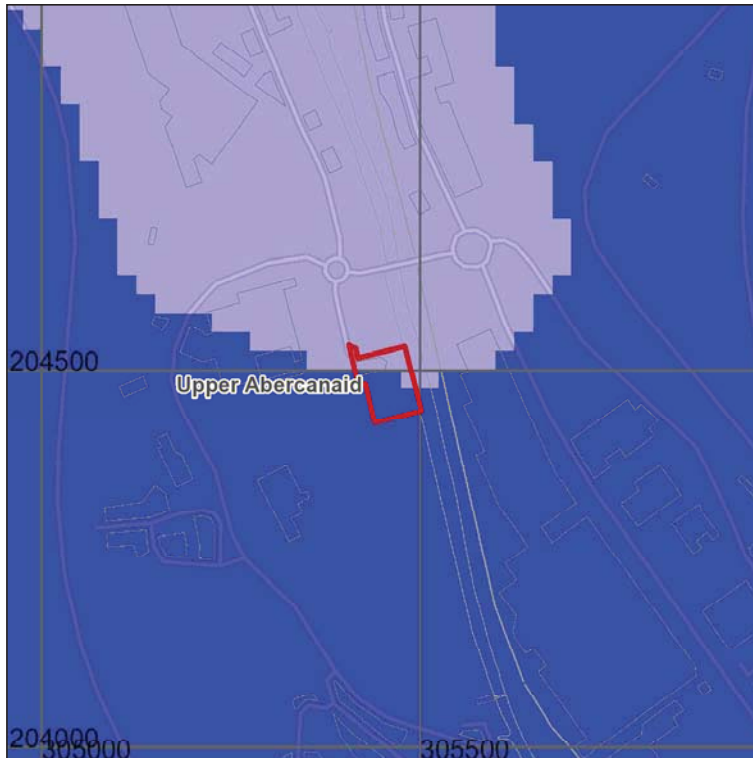
NO RADON PROTECTIVE MEASURES ARE REQUIRED FOR THE REPORT AREA.

More details of the protective measures required are available in *BR211 Radon: Guidance on protective measures for new buildings (2015 Edition)*. Additional information and guidance is available from the Building Research Establishment website (<http://www.bre.co.uk/radon/>).

Whether or not the radon level in a building is above or below the radon Action Level can only be established by having the building tested. The UKHSA provides a radon testing service which can be accessed at www.ukradon.org or by telephone (01235 822622).

If you require further information or guidance, you should contact your local authority building control officer or approved inspector.

Radon Affected Area



% Homes estimated to be at or above the action level
0-1%
1-3%
3-5%
5-10%
10-30%
30-100%

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Scale: 1:10 000 (1cm = 100 m)
Search area indicated in red

Is the property in a radon Affected Area as defined by the UK Health Security Agency (UKHSA) and if so what percentage of homes are estimated to be above the Action Level? YES

Additional Information

THE PROPERTY IS IN A RADON AFFECTED AREAS WHERE 1 TO 3% OF HOMES ARE ESTIMATED TO BE AT OR ABOVE THE ACTION LEVEL.

The UKHSA recommends a radon 'Action Level' of 200 Becquerels per cubic metre of air (Bq m^{-3}) for the annual average of the radon gas concentration in a home. Where 1% or more of homes are estimated to exceed the Action Level the area should be regarded as a radon Affected Area.

This report informs you whether the property is in a radon Affected Area and the percentage of homes that are estimated to be at or above the radon Action Level at this location. Being in an Affected Area does not necessarily mean there is a radon problem in the property; the only way to find out whether the radon level is above or below the Action Level is to carry out a radon measurement.

The UKHSA advises that radon gas should be measured in all properties within radon Affected Areas and that homes with radon levels above the Action Level (200 Bq m⁻³) should be remediated. Householders with levels between the Target Level (100 Bq m⁻³) and Action Level should seriously consider reducing their radon level, especially if they are at greater risk, such as if they are current or ex smokers. Whether or not a home is in fact above or below the Action Level or Target Level can only be established by having the building tested. The UKHSA provides a validated radon testing service which can be accessed at www.ukradon.org.

The information in this report provides an answer to one of the standard legal enquiries on house purchase in England and Wales, known as Law Society CON29 Enquiries of the Local Authority (2016); 3.14 Radon Gas: Do records indicate that the property is in a “Radon Affected Area” as identified by the UKHSA. The data can also be used to advise house buyers and sellers in Scotland and Northern Ireland.

If you are buying a new build property in a Radon Affected Area, you should ask the builder whether radon protective measures were incorporated in the construction of the property.

If you are buying a currently occupied property in a radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were above the radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and if the results of re-testing confirmed the effectiveness of the measures.

Further information on radon is available from the UKHSA at www.ukradon.org.

What is radon?

Radon is a naturally occurring radioactive gas, which is produced by the radioactive decay of radium which, in turn, is derived from the radioactive decay of uranium. Uranium is found in small quantities in all soils and rocks, although the amount varies from place to place. Radon released from rocks and soils is quickly diluted in the atmosphere. Concentrations in the open air are normally very low and do not present a hazard. Radon that enters enclosed spaces such as some buildings (particularly basements), caves, mines, and tunnels may reach high concentrations in some circumstances. The construction method and degree of ventilation will influence radon levels in individual buildings. A person's exposure to radon will also vary according to how particular buildings and spaces are used.

Inhalation of the radioactive decay products of radon gas increases the chance of developing lung cancer. If individuals are exposed to high concentrations for significant periods of time, there may be cause for concern. In order to limit the risk to individuals, the Government has adopted an Action Level for radon in homes of 200 becquerels per cubic metre (Bq m^{-3}). The Government advises householders that, where the radon level exceeds the Action Level, measures should be taken to reduce the concentration.

Radon in workplaces

The Ionising Radiation Regulations, 1999, require employers to take action when radon is present above a defined level in the workplace. Advice may be obtained from your local Health and Safety Executive Area Office or the Environmental Health Department of your local authority. The BRE publishes a guide (BR293): **Radon in the workplace**. BRE publications may be obtained from the BRE Bookshop, Tel: 01923 664262, email: bookshop@bre.co.uk website: www.brebookshop.com

Contact Details

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British Geological Survey
Environmental Science Centre
Nicker Hill
Keyworth
Nottingham
NG12 5GG
Tel: 0115 9363143
Email: enquiries@bgs.ac.uk

Wallingford Office

British Geological Survey
Maclean Building
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British Geological Survey
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- The data, information and related records supplied in this Report by BGS can only be indicative and should not be taken as a substitute for specialist interpretations, professional advice and/or detailed site investigations. You must seek professional advice before making technical interpretations on the basis of the materials provided.
- Geological observations and interpretations are made according to the prevailing understanding of the subject at the time. The quality of such observations and interpretations may be affected by the availability of new data, by subsequent advances in knowledge, improved methods of interpretation, and better access to sampling locations.
- Raw data may have been transcribed from analogue to digital format, or may have been acquired by means of automated measuring techniques. Although such processes are subjected to quality control to ensure reliability where possible, some raw data may have been processed without human intervention and may in consequence contain undetected errors.
- Detail, which is clearly defined and accurately depicted on large-scale maps, may be lost when small-scale maps are derived from them.
- Although samples and records are maintained with all reasonable care, there may be some deterioration in the long term.
- The most appropriate techniques for copying original records are used, but there may be some loss of detail and dimensional distortion when such records are copied.
- Data may be compiled from the disparate sources of information at BGS's disposal, including material donated to BGS by third parties, and may not originally have been subject to any verification or other quality control process.
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- The topography shown on any map extracts is based on the latest OS mapping and is not necessarily the same as that used in the original compilation of the BGS geological map, and to which the geological linework available at that time was fitted.
- Note that for some sites, the latest available records may be historical in nature, and while every effort is made to place the analysis in a modern geological context, it is possible in some cases that the detailed geology at a site may differ from that described.

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**Report issued by
BGS Enquiry Service**

APPENDIX D

CONSULTANTS COAL MINING REPORT FROM THE COAL AUTHORITY



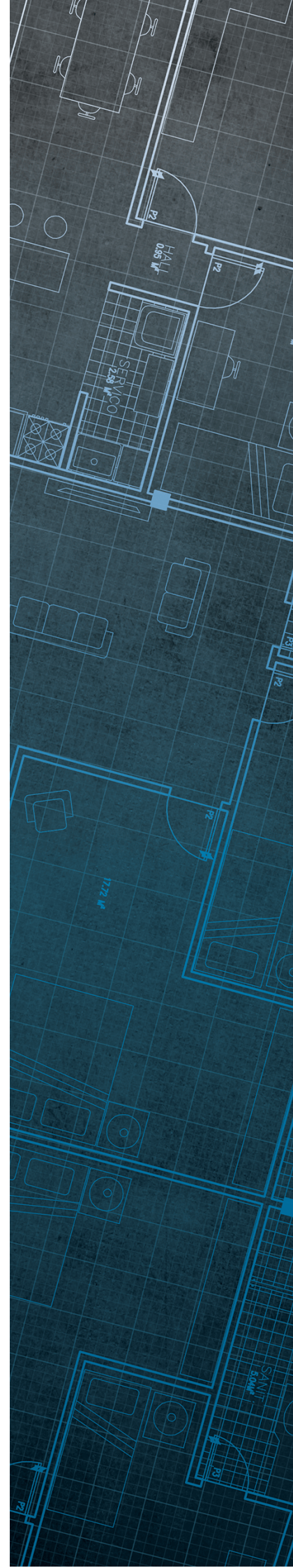
The Coal
Authority

Consultants Coal Mining Report

Dragon Parc
Abercanaid
Merthyr Tydfil
CF48 1PQ

Date of enquiry:	24 November 2022
Date enquiry received:	24 November 2022
Issue date:	24 November 2022

Our reference:	51003326612001
Your reference:	12888/LP



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

INTEGRAL GEOTECHNIQUE (WALES) LTD.

Enquiry address

Dragon Parc
Abercanaid
Merthyr Tydfil
CF48 1PQ

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

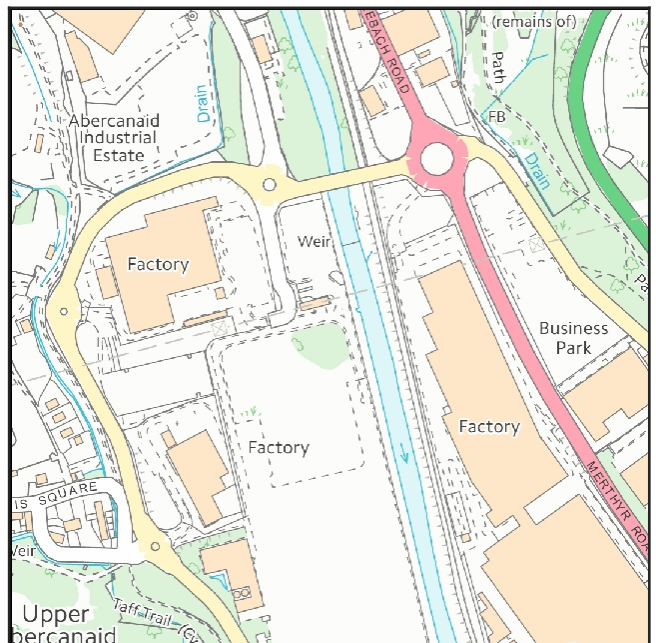
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

SWR1978	SWR3141	SW478
SWR1880	SWR1876	SWR3601
3595	SWR3140	SWR1879

Our records show we have more plans than those shown above which could affect the enquiry boundary.

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
BUTE	Coal	Yes	Within	N/A	91
LOWER 9FT AND BUTE	Coal	Yes	Within	N/A	272
LOWER NINE FOOT TOP LEAF	Coal	Yes	Within	N/A	272

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

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

Payments to owners of former copyhold land

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

Section 4 – Further information

Based on the responses in this report, no further information has been highlighted.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

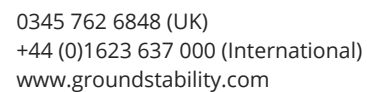
Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.



FIGURES



NORTH

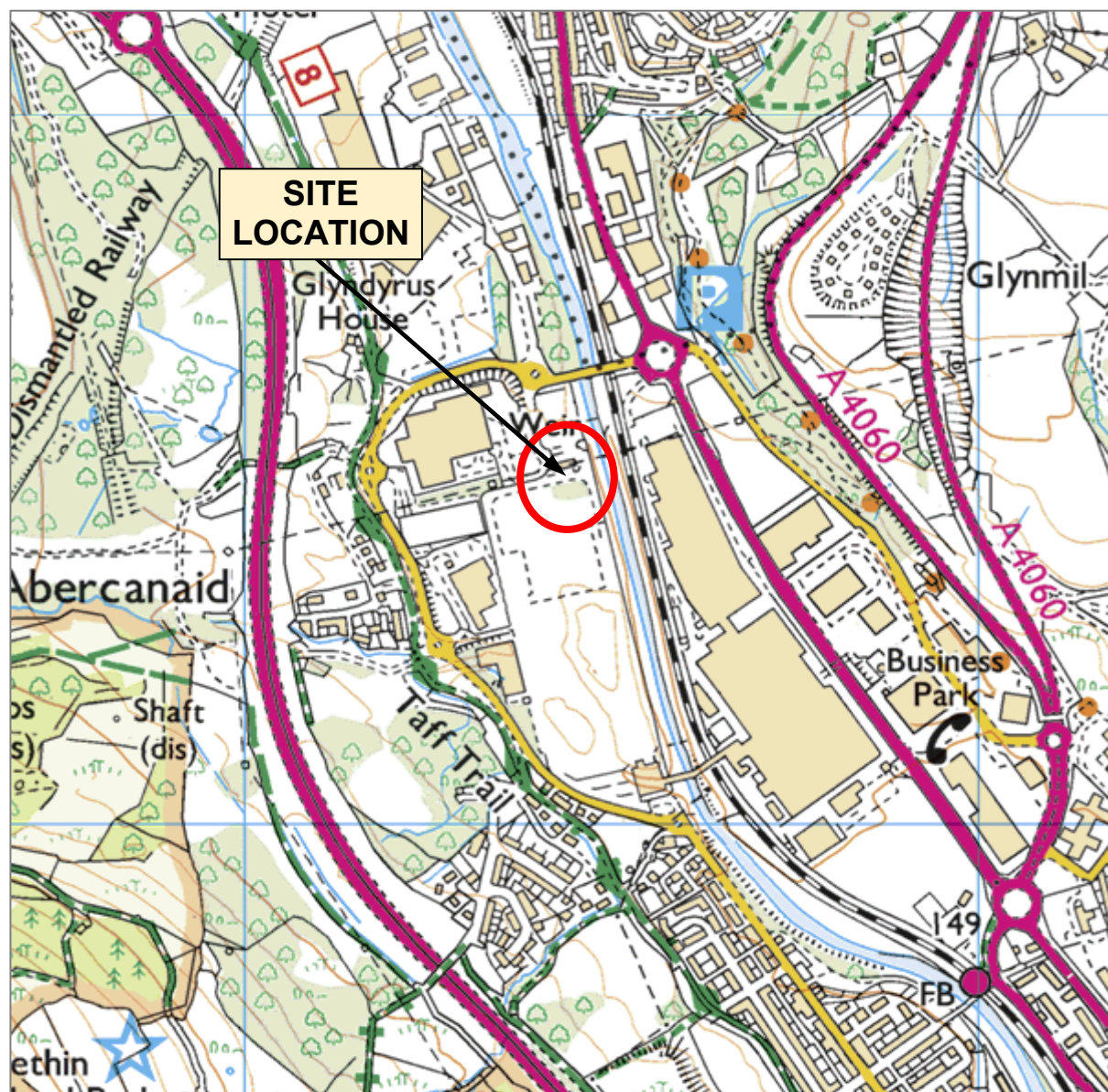
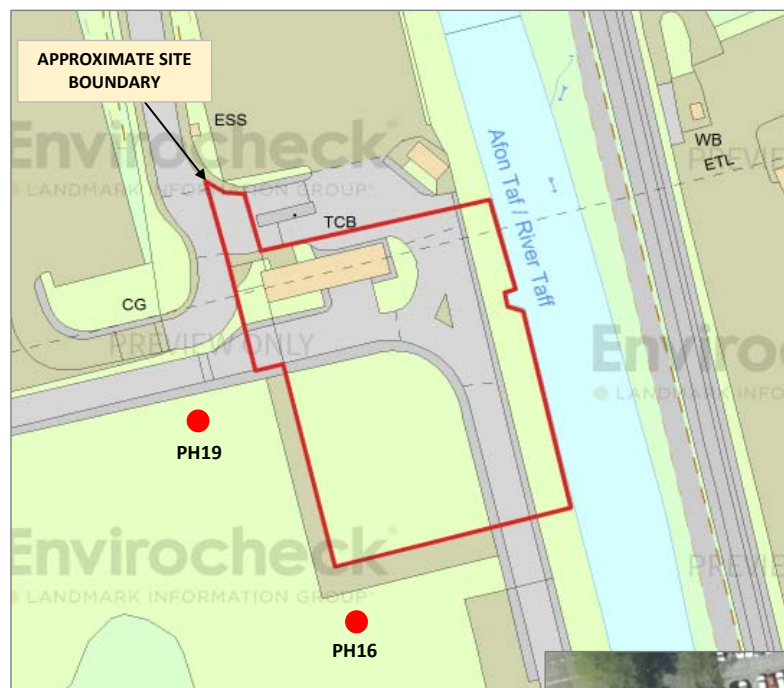


FIGURE 1: SITE LOCATION

Additional Land Parcel, Dragon Parc, Abercanaid

Intégral
Géotechnique

Intégral House
7 Beddau Way
Castlegate Business Park
Caerphilly
CF83 2AX
Tel: 029 2080 7991
Fax: 029 2086 2176



● Approximate location of rotary probeholes drilled in 2019

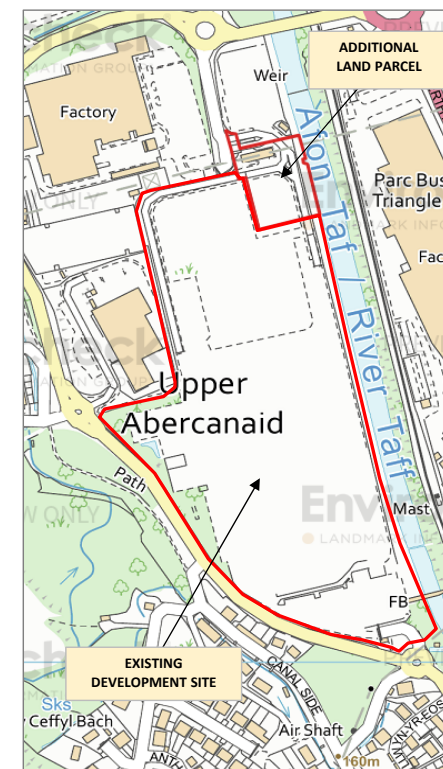


FIGURE 2: SITE PLAN

Additional Land Parcel, Dragon Parc, Abercanaid

Intégral
Géotechnique

Intégral House
7 Beddau Way
Castlegate Business Park
Caerphilly
CF83 2AX
Tel: 029 2080 7991
Fax: 029 2086 2176