Trivallis

THE SIDINGS, TREFOREST

Site Investigation Report

14581/AG/26/SI

Intégral
Géotechnique

CLIENT: **Trivallis**

PROJECT: **The Sidings, Treforest**

TITLE: **Site Investigation Report**

JOB NO: **14581**

DOCUMENT REF: **14581/AG/26/SI**

Revision	Purpose Description	Originated	Reviewed	Authorised	Date
0	Final	AG/LP	RB	JJ	June 2026

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Figure 1 Site Location

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1.0 INTRODUCTION

1.1 GENERAL

Trivallis are proposing to redevelop an area of land off The Sidings in Treforest for residential end-use. The site location is shown in Figure 1.

Intégral Géotechnique (Wales) Limited have been appointed as the Geotechnical Engineers to undertake a site investigation to enable a geotechnical and geoenvironmental appraisal of the site and provide a basis for design.

The approximate red line site boundary being considered as part of the Phase 1 Desk Study and the Phase 2 Intrusive Investigation is shown on the existing site plan as shown in Figure 2.

This report presents the findings of the site investigation and gives recommendations for the design of foundations, floor slabs and other geotechnical and geoenvironmental aspects of the project.

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1.2 PROPOSED DEVELOPMENT

The development proposals have not been made available to us at this stage, however we understand they will comprise demolition of the existing buildings and construction of blocks of flats with associated infrastructure such as parking areas and communal landscaping areas.

1.3 SCOPE OF WORKS

The work instructed included a desk study of available information, site reconnaissance and intrusive investigation. This was followed by laboratory testing, on site monitoring and geotechnical and geoenvironmental reporting.

The desk study comprised a review of:

1.3 SCOPE OF WORKS (CONTINUED)

- An Envirocheck Report obtained for the site,
- Historical 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 Mining Remediation 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 (where available).

The desk study information was used to make an initial assessment of the site and to design an investigation to be carried out by Intégral Géotechnique (Wales) Limited. The site investigation was designed in accordance with BS 5930:2015+A1:2020, the Code of Practice for Site Investigations, BS10175:2026, the Code of Practice for Investigation of Potentially Contaminated Sites, and 'Development of Land Affected by Contamination: A Guide for Developers' prepared by Welsh Local Government Association (WLGA)/Natural Resources Wales (NRW) Land Contamination Working Group, 2023 and the Land Contamination Risk Management (LCRM) framework published by the Environment Agency.

The site investigation was undertaken during March and April 2026 and comprised:

- Thirteen windowless sample boreholes with in-situ standard penetration testing (SPTs),
- 3 No. hand excavated trial pits,
- Soil infiltration testing within each hand excavated trial pit,
- Sampling of soils for laboratory chemical and geotechnical testing.

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 building control authority as appropriate.

1.4 LIMITATIONS (CONTINUED)

"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.

It is important to recognise that there may be areas of contamination that have not been found, or that contaminants are present at concentrations above those that have been found. It is also important to recognise that contamination may be localised and that no investigation, however comprehensive, is capable of finding such occurrences other than by chance.

It should also be noted that vertical and lateral changes in ground conditions may be present between exploratory hole locations.

Access for the intrusive site investigation was limited at the time due to existing vacant buildings, areas of hardstanding and parked cars.

2.0 THE SITE

2.1 SITE LOCATION AND DESCRIPTION

The site is located off the western side of The Sidings in Treforest, adjacent to Treforest Railway Station, at a National Grid Reference of 308270, 188970, see Figure 1.

The site is irregular in shape and occupies an area of approximately 0.48 hectares. The boundaries of the site are defined by an old graveyard and residential properties with associated gardens to the north, The Sidings with Treforest Station car park beyond to the east, a carpark to the south and residential housing along New Park Terrace to the west. The existing site plan is presented in Figure 2.

The majority of the site is situated on a relatively level development plateau cut into the western hillside at an approximate elevation of between 63m and 64m Above Ordnance Datum (AOD). The northern end of the site comprises a raised plateau at an approximate elevation of 65m to 66m AOD, accessed via steps and a ramp. This elevated plateau is retained on the southern and eastern sides by retaining walls.

The site comprises three vacant former university buildings spread along its length with areas of hardstanding, used as carparks in between. The raised plateau at the northern end of the site is also used as a car park.

The western boundary of the site comprises a combination of steep grassed or heavily vegetated embankments and retaining walls (including gabions) which are generally located adjacent to the western sides of the vacant buildings. Belle Vue Terrace, which forms the western boundary of the site is situated at a higher elevation of approximately 68m to 69m AOD.

A number of existing underground services cross the site to serve the buildings, including gas, electricity, BT and Welsh Water. An electric substation is also located approximately within the centre of the site.

2.2 SITE OPERATIONS

The buildings on site are vacant however the car parks are still in use.

2.3 SURROUNDING LAND USE

The surrounding areas are developed for a mixed residential and commercial use with mainly residential development to the west and the railway station to the east.

2.4 AVAILABLE SITE INVESTIGATION DATA

There is no available site investigation data to our knowledge.

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 A. The Envirocheck Report includes the following scaled historical maps:

Map Scale	Dates
1:2,500	1875, 1900, 1919, 1943, 1960-1961, 1973-1974, 1974, 1977-1989, 1989, 1991, 1993, 2000 (Aerial Photo)
1:1,250	1959, 1959-1989, 1974-1975, 1974, 1989-1991, 1993, 1993
1:10,560	1885, 1900-1901, 1921, 1947, 1947 (Aerial Photo), 1952-1953
1:10,000	1960-1965, 1965, 1976-1978, 1984, 1992-1993, 1999, 2006, 2025

The earliest edition of the map dated 1875 indicated the site was occupied by a number of tramways/railway lines and sidings for the adjacent coke yard which extended further to the west. The coke yard was served by tramways/rail tracks which crossed the site and connected into the Taff Vale Railway to the east. Additional tramways/rail tracks extended from the main railway line to the southwest of the site to serve Forest Iron and Steel Works located approximately 200m to the west. The area beyond the Taff Vale Railway to the east and immediately to the north of the site generally comprised residential terraces and also included a hotel to the north. Within this residential area, a church was located approximately 40m north of the site boundary which included a burial ground immediately north of the site. A circular tree filled feature with a central standing stone was located approximately 50m southwest of the site boundary and another identical feature was located approximately 60m further to the south. Taff Vale Iron Works was located approximately 250m to the north of the site and the River Taff flowed approximately 130m to the east. The Glamorganshire Canal flowed beyond the river approximately 190m to the east of the site.

The 1900 edition of the map indicated that the tramways/rail tracks had been removed from site and the coke yard was no longer present.. A small access track crossed the northern area of the site in a west to east direction to reach the railway. The railway line had been widened to the east of the site and included Treforest Station building adjacent to the track. Additional tramways/rail tracks had been constructed to the west and southwest of the site to serve Forest Iron and Steel Works which had significantly expanded to the west. Taff Vale Iron works was still evident approximately 250m to the north of the site.

3.0 SITE HISTORY (CONTINUED)

The 1919 edition of the map indicated that the site had been reprofiled with significant earthworks required to construct a road into the site from the southeast corner. The earthworks created a cut area to form a level plateau for the road construction and created an embankment along the western edge. The area to the west of the site had been completely redeveloped with residential terraces with the terraces extending to the west towards the former iron and steel works. A rear access lane known as Belle Vue Terrace formed the western boundary of the site. All the buildings associated with the iron and steel works to the west had been removed by this time, but the area remained mainly undeveloped apart from Park Joinery Works within the southern area of the former works area and a large quarry. Residential development also occurred to the south of the site across the area where the stone circle was located. The more southerly stone circle remained.

The 1943 edition of the map indicated the road which crossed the site was more defined. The site and the immediate surrounding areas remained relatively unchanged. The Glamorganshire Canal further to the east was disused by this time.

The 1959 edition of the map indicated some additional reprofiling of the site to define some development plateaux particularly within the northern area. A building indicated to be Treforest Station had been constructed on the eastern side of the site which could be accessed via the existing road. Additional railway tracks were constructed to the east to serve the station.

The 1974-1975 edition of the map indicated that an electrical transformer was located on the northern boundary of the site adjacent to the station access road. The rest of the site remained relatively unchanged.

The 1993 edition of the map indicated that the site had remained relatively unchanged. Many of the railway lines had been removed to the east of the site which left only the main line approximately 30m east of the site.

The year 2000 aerial photo of the site indicated a building, and associated infrastructure was under construction within the northern area of the site. The former station building had been demolished, and two buildings had been constructed within the central and southern areas with associated car parking areas in between. The embankment which formed the western edge of the site was indicated to be soft landscaped and grass covered. A new road had been constructed to the east of the site to provide access for the new buildings. The area of former sidings to the east of the site had been redeveloped as a car park for the railway station.

3.0 SITE HISTORY (CONTINUED)

The building within the northern area of the site was complete by 2001 which included a ramp up to a raised car parking area which occupied the northern end of the site. The configuration of the site by this time was as it is during the present day and has remained relatively unchanged since 2001.

4.0 SITE ENVIRONMENTAL SETTING

4.1 PHYSICAL SETTING

The site is located within a mixed residential, commercial and educational setting on the eastern edge of Treforest.

The majority of the site is situated on a relatively level development plateau cut into the western hillside at an approximate elevation of between 63m and 64m Above Ordnance Datum (AOD). The northern end of the site comprises a raised plateau at an approximate elevation of 65m to 66m AOD, accessed via steps and a ramp. This elevated plateau is retained on the southern and eastern sides by retaining walls.
The site is located near the base of Taff Vale on the western side of the River Taff which flows approximately 130m to the east of the site.

4.2 GEOLOGY

The British Geological Survey (BGS) Geology Viewer and 1:10,560 scale geological map (Sheet No. ST 08 NE) of the area indicate the site is underlain by rock strata of the Brithdir Member of the Carboniferous period. The Brithdir Member will typically comprise green-grey Pennant sandstones with thin mudstone/siltstone and seatearth interbeds and mainly thin coals. There are no strata dips in the vicinity of the site but further to the west a strata dip of 12° to the south is indicated. The dips would typically be anticipated to shallow to sub-horizontal and be influenced by the topography of the valley.

The site is located near the base of the valley and located in between two approximately northwest to southeast trending faults. The nearest coal seam is the Brithdir seam which is indicated to conjecturally outcrop on higher ground beyond the fault to the southwest of the site. All the coal seams in the area conjecturally outcrop on higher ground and terminate at the faults, located greater than 250m from the site boundary. The outcropping coal seams will not underlie the site.

Superficial Devensian Glaciofluvial Deposits of the Quaternary period are shown to overlie the solid strata. These deposits typically comprise sand and gravel with a varying matrix.

A variable thickness of made ground is anticipated above the superficial deposits due to the developed nature of the whole site and the evidence of historic earthworks.

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
Quaternary	Devensian Glaciofluvial Deposits	Sands and gravels with varying matrix
Carboniferous	Brithdir Member	Green-grey Pennant sandstones, with thin mudstone/siltstone and seatearth interbeds, and thin coals.

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 A and B respectively. The reports state that the majority of the site is located within a low probability area, as less than 1% of properties are above action level, and therefore no radon protective measures would be necessary in the construction of new buildings within the site. However, the area along the eastern boundary of the site and across the southeastern corner is located within a high probability area, as 10% to 30% of properties are above action level and therefore locally full radon protective measures would be necessary within this area of the site.

The radon assessment should be reassessed once development proposals are finalised.

4.4 MINING

Several data sources have been reviewed to provide an appraisal of any potential coal mining legacy issues at the site. The data sources utilised include:

- Historical Ordnance Survey maps covering the site,
- Geological maps of the area provided by the British Geological Survey (BGS),
- A Consultants Coal Mining Report obtained from the Mining Remediation Authority as presented in Appendix C,
- Mining Remediation Authority online interactive map viewer.

An appraisal of the mining data and its significance is presented below.

Past Underground Mine Workings (Recorded)

The Mining Remediation authority states that there is no past mining recorded.

4.4 MINING (CONTINUED)

Past Underground Workings (Unrecorded)

The Mining Remediation Authority (MRA) Coal Mining Consultants Report indicates that the probability of unrecorded shallow mine workings beneath the site is “none”. However, this designation does not confirm that shallow unrecorded workings are absent, but rather that no documentary evidence of such workings is held within the available mining records.

As discussed previously, the nearest conjectural coal outcrop is the Brithdir seam which is indicated approximately 440m to the southwest of the site. Due to this coal seam outcropping on higher ground on the hillside and the south westerly dip of the strata in the vicinity of the coal outcrop, this seam would not underlie the site. There are no additional conjectural coal outcrops in the vicinity of the site.

Based on the available information, it is considered that there are no shallow coal seams which would underlie the site. The potential risk associated with shallow unrecorded mine workings is considered to be low

Mine Entries

The Consultants Coal Mining Report indicates that there are no mine entries recorded on site or within 100m of the site boundary.

Geological Faults, Fissures and Breaklines

The Mining Remediation Authority indicate that there are no faults, fissures or breaklines recorded within an influencing distance of the site.

Opencast Mines

The Mining Remediation Authority indicate that the site is not within an influencing distance of any opencast sites.

Mining Remediation Authority Managed Tips

The Mining Remediation Authority states that there are no managed tips recorded within 500m of the site boundary. The latest guidance published by the Welsh Government and its partners include a Mining and Coal Tip Safety document, published on the 14th of November 2023, which assigns an identification number (UID), a category, and the immediate status of each disused coal tip in Wales. This document also confirms that there are no managed tips within an influencing distance of the site.

4.4 MINING (CONTINUED)

Coal Mining Subsidence

The Mining Remediation Authority state that it "has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31st October 1994"

The Mining Remediation Authority also state that "There is no current Stop Notice delaying the start of remedial works or repairs to the property."

The Mining Remediation Authority state that it "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

The Mining Remediation Authority states that no mine gas emissions have been recorded within 500m of the site boundary. The site is not located within a Mining Remediation Authority defined high-risk development area.

However, a mine gas risk assessment should be undertaken in accordance with CL:AIRE (2021) Good Practice for Risk Assessment for Coal Mine Gas Emissions, including reference to the associated Decision Support Tool. (See Section 10.6.3)

4.4.9 Site Assessment

Based on the available geological mapping, mining records and the Consultants Coal Mining Report, the potential risk associated with coal mining legacy features at the site is considered to be low. Additionally, the Mining Remediation Authority Map Viewer indicates that the site is not located within a high-risk development area.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK

The Envirocheck Report records the nearest water feature to be located 114m to the east of the site. The OS Water Network Lines map indicates this to be the River Taff which flows south to discharge into Cardiff Bay.

The Natural Resources Wales groundwater vulnerability map and aquifer database classifies both the bedrock and superficial deposits 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.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

A perched water body could be encountered within the made ground. Vertical migration of groundwater is likely to be limited by the high clay content of the superficial deposits.

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

There are nine effective discharge consents recorded within 250m of the site boundary. The nearest three consents are recorded 125m northeast of the site for Dwr Cymru Sewage Discharges (Storm Overflow) which are received by the River Taff. The other effective discharge consents are also Dwr Cymru storm sewage overflows recorded between 163m south and 213m southeast with all discharges received by the River Taff.

The Envirocheck Report states that there are two surface water abstractions recorded within 250m of the site boundary. The two abstraction points are located 42m and 177m east at Treforest Weir with the water used for hydroelectric power generation. There are no groundwater abstractions recorded within 2km 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	114m to the east	South	Inland River	Yes	Cardiff Bay
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
Glaciofluvial Deposits	Secondary A Aquifer	Variable moderate permeability sands and gravels. High clay content likely to restrict flow.	No	None
Brithdir Member	Secondary A Aquifer	Variable moderate permeability sandstones, mudstones/siltstones and thin coals capable of supporting water supplies at a local rather than strategic scale	No	None

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

The Natural Resources Wales Flood Risk map as presented within the Envirocheck Report indicates that the site is not at risk of 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 majority of the site is not at a high-risk of surface water flooding. However, the map indicates that the areas along and within the north eastern corner of the site are at a high-risk of surface water flooding (1 in 30-year flood extent).

The BGS Groundwater Flooding Susceptibility map as presented in the Envirocheck Report indicates the majority of the site to have limited potential for groundwater flooding to occur. It also indicates that the northern end of the site has potential for groundwater flooding of property situated below ground level.

4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

The above findings are based on a review of publicly available information and third-party data obtained as part of this desk-based assessment and have not been verified by site-specific investigation or hydraulic modelling. In accordance with the Planning Policy Wales (PPW) and associated Planning Practice Guidance, a site-specific Flood Consequence Assessment (FCA) should be undertaken by a suitably qualified specialist to confirm the level of flood risk to the site, assess all potential sources of flooding, and inform the design of any proposed development.

4.6 LANDFILL SITES

The Envirocheck Report indicates that there are no historical, BGS recorded or local authority recorded landfill sites or any licensed waste management facilities located within 250m of the site boundary.

There are records of three areas of potentially infilled land (water) within 250m of the site boundary. This areas are located 26m to the south at the location of a former stream, 201m east at the location of the Glamorganshire Canal and 231m east , at the location of an unnamed branch of the Glamorganshire Canal.

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: Railway lines and sidings for the adjacent Coke Yard from pre-1875		
Material/Process	**Contamination/Hazard**	**Evidence**
Construction of the railway tracks across the site which would have disturbed the ground and may have utilised imported materials of unknown origin	Metals, semi metals, non-metals, PAH, petroleum hydrocarbons asbestos	Historical maps

4.7 POTENTIAL CONTAMINATION (CONTINUED)

Table 4: Potential Contaminants (Continued)		
Use and maintenance of the railway tracks including	Metals, semi metals, non-metals, PAH, petroleum hydrocarbons, asbestos	Historical maps
Removal of all the railway tracks by the 1990's which would have disturbed the ground and may have utilised imported materials of unknown origin	Metals, semi metals, non-metals, PAH, asbestos	Historical maps
Land Use: Reprofiling works/earthworks and new development between the 1920's and the 1990's		
Material/Process	**Contamination/Hazard**	**Evidence**
Reprofiling of the site to create a development plateau which included an embankment along the western edge of the site and general disturbance across the northern area. Works may have utilised imported materials of unknown origin	Metals, semi metals, non-metals, PAH, asbestos	Historical maps
Construction of Treforest Station building on the eastern edge of the site and the electrical substation on the northern edge during the 1950's which would have disturbed the ground and may have utilised imported materials of unknown origin	Metals, semi metals, non-metals, PAH, asbestos	Historical maps
Use and maintenance of the electrical substation	Polychlorinated Biphenyls (PCBs) and petroleum hydrocarbons	Historical maps
Land Use: University land from 2000's to present		
Material/Process	**Contamination/Hazard**	**Evidence**
Removal of all former buildings/structures prior to construction of new buildings and including significant earthworks across the northern area of the site to create a raised car park area. Construction works would have disturbed the ground and may have utilised imported materials of unknown origin	Metals, semi metals, non-metals, PAH, asbestos	Aerial photos

4.7 POTENTIAL CONTAMINATION (CONTINUED)

Existing Uses

Many of the operations within the buildings on site have recently ceased. However, the areas between the buildings are still used as car parks.

Adjacent Site Uses

Table 5: Potential Contaminants: Adjacent Site Uses

Potential Contamination Source	Boundary	Associated Contaminants and Hazards
Disused graveyard and residential properties	Northern	Possible ammoniacal nitrogen associated with the graveyard
The Sidings with a car park beyond	Eastern	No Potential Contaminants
Continuation of the on-site car parking area	Southern	No Potential Contaminants
Residential development	Western	No Potential Contaminants

4.8 OTHER ENVIRONMENTAL CONSIDERATIONS

The Envirocheck report indicates that there are no areas of environmentally sensitive land on site but one area within 250m of the site boundary. An area of ancient woodland is located 179m southeast of the site boundary.

The Envirocheck Report indicates that there have been no pollution incidents to controlled waters recorded on site but two recorded within 250m of the site boundary. These were both Category 3-Minor Incidents involving crude sewage and algae which were recorded 136m and 137m respectively to the northeast. The receiving water was not provided.

There have been no substantiated pollution incidents registered on site or within 250m of the site boundary.

There have been no recorded prosecutions or historical prosecutions recorded on site or within 250m of the site boundary.

There are no registered radioactive substances on site but one recorded within 250m of the site boundary. This was for the disposal of radioactive waste at the University of Glamorgan, issued in March 1991 however this has since been revoked/cancelled on an unspecified date.

4.8 OTHER ENVIRONMENTAL CONSIDERATIONS (CONTINUED)

There are four active Contemporary Trade Directory entries recorded within 250m of the site boundary. The nearest is for a dry cleaners located 69m north of the site boundary.

There are four Points of Interest-Commercial Services recorded within 250m of the site boundary. The nearest entry is categorised as vehicle repair, testing and servicing located 114m to the northeast. The other entries are also classified as vehicle repair, testing and servicing located 169m north and 201m northwest.

The site itself is classified as a Point of Interest – Manufacturing and Production, categorised as an Industrial Feature with a class code Business Parks and Industrial Estates. There are works buildings and factories in the surrounding areas which fall within this category as would be anticipated within a commercial area.

Treforest Railway Station to the northeast is registered as a Point of Interest-Public Infrastructure.

The embankment which forms the western edge of the site is heavily vegetated in sections 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 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 apartment end use with communal landscaping areas. 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 without homegrown produce scenario, 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 without 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 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 superficial soils and the underlying Brithdir Member.

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 comprised railway tracks/sidings associated with the adjacent coke yard from pre-1875 to 1900, with the site crossed by railway lines. The site underwent significant reprofiling works and earthworks by the 1920's to reprofile the site and became part of Treforest Station. The site was developed to its current state during the late 1990s/early 2000s with a raised car park area constructed across the northern end of the site.

The potential types of contaminants of concern are listed below:

- Metals, semi-metals, and inorganics within the shallow made ground,

5.5 POTENTIAL CONTAMINANT SOURCES (CONTINUED)

- Polyaromatic hydrocarbons (PAH) within the shallow made ground,
- Petroleum Hydrocarbons (VPH/EPH) within the shallow made ground,
- Ammoniacal nitrogen associated with the adjacent disused graveyard,
- Polychlorinated Biphenyls (PCBs) associated with the former electrical substation*
- Asbestos within the shallow made ground.

*It should be noted that this former electrical substation was indicated on the northern boundary by 1975. The northern area of the site has been subjected to significant earthworks to create a raised car park area accessed via steps and a ramped vehicular access. Any evidence of this former structure would be at a potential depth of approximately 2m below the existing ground levels. There is an existing electrical substation located within in the site which was constructed as part of the current development circa 2000. PCBs have been progressively restricted over the years with a full ban on their use by 1987. The on-site modern substation would not be considered as a contamination source.

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
- 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, historical review and site walk over and includes all potential sources, pathways and receptors that may be present on site. Those that have been identified as being potentially active require further investigation in the form of sampling and testing of soil, followed by appropriate risk assessment.

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

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

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	✓
			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	✓
Ground in vicinity of adjacent cemetery	Metals, ammoniacal nitrogen	Resident – human health	Dermal Contact with made ground/dust	✓
			Ingestion of soil	✓
			Inhalation of dust	✓
			Inhalation of vapours – indoor/outdoor	✓
		Groundwater quality	Leaching from made ground	✓
		Surface water quality	Transportation within groundwater	✓
Made Ground of unknown origin and natural ground	pH and water-soluble sulphate	Building Materials Durability	Direct contact	✓

5.7 SUMMARY OF CONCEPTUAL EXPOSURE MODEL (CONTINUED)

Table 6: Preliminary Conceptual Exposure Model (Continued)

Source		Receptor	Pathway	Potentially Active Pathway?
Origin	Contaminant			
Ground and Mine Gas – organic, gas producing materials	Methane, carbon dioxide	Human health	Accumulation of gases in confined spaces, and/or migration off site, leading to asphyxiation, or risk of explosion	✓/X No on or off-site sources of ground gas identified. No sources of mine gas identified Full radon protective measures are locally required.

6.0 THE SITE INVESTIGATION

6.1 FIELDWORKS

A site investigation was designed in accordance with BS 5930:2015+A1:2020, the Code of Practice for Site Investigations, BS10175:2026, the Code of Practice for Investigation of Potentially Contaminated Sites, and 'Development of Land Affected by Contamination: A Guide for Developers' prepared by Welsh Local Government Association (WLGA)/Natural Resources Wales (NRW) Land Contamination Working Group, 2023.

The purpose of the investigation was to assess the ground conditions to inform foundation and drainage design, and to refine the Conceptual Site Model (CSM) for the proposed redevelopment.

The fieldworks were undertaken during March and April 2026 and comprised thirteen windowless sample boreholes (WS01 to WS13) advanced to a maximum depth of 3.00m bgl and three hand excavated trial pits (SA01 to SA03) advanced to a maximum depth of 1.00m bgl.

The exploratory hole locations were positioned across accessible areas of the site, including around the existing buildings and carparking areas. The exploratory hole locations were selected to provide appropriate coverage of the site and to target potential sources and pathways identified within the preliminary conceptual site model. This included investigation of areas adjacent to potential off-site influences including the northern cemetery boundary.

Standard Penetration Tests (SPTs) were undertaken within the windowless sample boreholes at regular depth intervals.

Soil infiltration testing was carried out within all three hand excavated trial pits in order to assess the infiltration potential of the underlying soils.

Representative soil samples were recovered from the exploratory holes for laboratory chemical and geotechnical testing and placed in appropriate sample containers suitable for the analyses required. Appropriate procedures were adopted during sampling to minimise the potential for cross-contamination.

6.1 FIELDWORKS (CONTINUED)

The fieldworks were supervised by a qualified Geotechnical Engineer from Intégral Géotechnique (Wales) Limited, who logged the exploratory holes and prepared detailed engineering logs in accordance with BS 5930:2015+A1:2020. Soil and rock descriptions are provided in accordance with BS EN ISO 14688-1 (2002) and BS EN ISO 14689-1 (2003) respectively.

The approximate locations of the exploratory holes are shown in Figure 3. The engineering logs for the windowless sample boreholes and hand excavated trial pits are presented in Appendices D and E respectively, and the results of the soil infiltration tests are presented in Appendix F.

6.2 FIELD OBSERVATIONS

No visual or olfactory evidence of any contamination was observed during the intrusive investigation.

6.3 LABORATORY CHEMICAL TESTING

Representative soil samples were taken from the exploratory holes across the site, stored at the appropriate temperature and dispatched to the laboratories of i2 Analytical for laboratory chemical testing within 24 hours.

The samples were tested for a range of contaminants that reflects the historical use of the site, the findings of the desk study and the preliminary conceptual site model/conceptual exposure model. A list of the soil testing carried out is given below:

Beryllium	Cadmium
Total Chromium	Hexavalent Chromium (VI)
Copper	Lead
Mercury	Nickel
Vanadium	Zinc
Arsenic	Boron
Selenium	Elemental Sulphur
Total Cyanide	Total Sulphate
Sulphide	Water Soluble Sulphate
pH	Monohydric Phenol
Polyaromatic Hydrocarbons (PAH)	Petroleum Hydrocarbons (VPH/EPH)

Samples were also screened for asbestos.

6.3 LABORATORY CHEMICAL TESTING (CONTINUED)

Additionally, a soil sample from WS03 positioned adjacent to the neighbouring cemetery was also tested for ammoniacal nitrogen.

The results of the laboratory chemical testing are presented in Appendix G.

6.4 LABORATORY GEOTECHNICAL TESTING

Representative samples of the natural soils were taken from the exploratory holes across the site and dispatched to the UKAS accredited laboratories of GSTL and scheduled for Atterberg Limits and water content testing.

The results of the laboratory geotechnical testing are presented in Appendix H.

7.0 GROUND CONDITIONS

7.1 SHALLOW GROUND CONDITIONS

A summary of the ground conditions encountered across the site is presented below in Table 7.

Table 7 : Summary of Shallow Ground Conditions

Depth (m) From	To	Stratum
		HARDSTANDING:
GL	0.10/0.19	Bituminous Material (Local to WS01, WS03, WS04, WS07, WS08, WS11, WS12 and SA03).
GL	0.06	Concrete Slab (Local to WS05).
		MADE GROUND:
GL	0.20/0.60	Grass over soft brown slightly gravelly clay with rootlets and locally a low cobble content. Gravel is fine to coarse angular to rounded of sandstone and locally angular concrete. Cobbles are sub-rounded of sandstone. Locally contains inclusions of rubber. (Local to SA01, SA02, WS06, WS09 and WS10)
GL/0.20	0.30/0.70	Medium dense to dense, dense pinkish brown, locally brown or grey sandy gravel. Gravel is fine to coarse angular to sub-angular of sandstone and locally bituminous material (Locally encountered at ground level at WS02 and WS13)
0.06/0.60	0.15/0.70	Loose to medium dense brown fine to coarse sand (Local to WS05 and WS10).
0.40/0.50	0.60/0.70	Medium dense black slightly gravelly silty fine to coarse sand. Gravel is fine to coarse angular to sub-angular of coal, rare sandstone, brick and slag (Local to WS08 and WS11)
0.50/0.90	>3.00	Loose to very loose becoming dense to very dense sandy slightly clayey to clayey gravel with a low cobble content. Gravel is fine to coarse sub-rounded to rounded of sandstone. Cobbles are sub-rounded of sandstone. Locally contains inclusions of plastic (Local to WS02 and WS13)

7.1 SHALLOW GROUND CONDITIONS (CONTINUED)

Table 7 : Summary of Shallow Ground Conditions (Continued)

Depth (m) From	To	Stratum
		IN-SITU NATURAL GROUND:
0.19/2.10	>0.60/>2.50	Dense to very dense, locally loose or medium dense brown sandy slightly clayey to clayey gravel, locally with a low cobble content. Gravel is fine to coarse sub-rounded to rounded of sandstone. Cobbles are sub-rounded of sandstone.
0.70/0.90	>0.80/2.10	Dense to very dense brown gravelly slightly clayey fine to coarse sand, locally with a low cobble content. Gravel is fine to coarse sub-rounded to rounded of sandstone. Cobbles are sub-rounded of sandstone (Local to SA01, WS03, WS06, WS11 and WS12).
0.20	>0.90	Stiff brown sandy gravelly clay. Gravel is fine to coarse sub-rounded to rounded of sandstone (Locally to WS09).

7.1.1 Hardstanding

Hardstanding comprising bituminous materials was encountered from ground level at WS01, WS03, WS04, WS08, WS11, WS12 and SA03 to depths ranging from approximately 0.10m to 0.19m bgl.

Locally to WS05, the hardstanding comprised a concrete slab to a depth of approximately 0.06m bgl.

7.1.2 Cohesive Made Ground

Cohesive made ground was encountered from ground level to depths ranging from between approximately 0.20m and 0.60m bgl across SA01, SA02, WS06, WS09 and WS10. The made ground generally comprised grass over soft brown slightly gravelly clay with rootlets and locally a low cobble content.

Gravel was fine to coarse angular to rounded of sandstone and locally angular concrete. Cobbles are sub-rounded of sandstone.

Inclusions of rubber were locally encountered within SA01 and WS06.

7.1 SHALLOW GROUND CONDITIONS (CONTINUED)

7.1.3 Granular Made Ground

A granular layer of made ground was generally encountered underlying the hardstanding, locally from ground level within WS02 and WS13, to depths ranging from approximately 0.30m to 0.70m bgl.

These materials generally comprised medium dense to dense, dense pinkish brown, locally brown or grey sandy gravel.

Gravel was fine to coarse angular to sub-angular of sandstone and locally bituminous material.

Locally to WS05 and WS10, a thin veneer of loose to medium dense brown fine to coarse sand was encountered from depths of approximately 0.06m to 0.60m bgl, to approximately 0.15m to 0.70m bgl respectively.

Locally to WS08 and WS11, a layer of medium dense black slightly gravelly silty fine to coarse sand was encountered from approximate depths of between 0.40m to 0.50m bgl, to 0.60m to 0.70m bgl respectively. Gravel was fine to coarse angular to sub-angular of coal, rare sandstone, brick and slag.

7.1.4 Reworked Natural Ground

Suspected reworked natural ground was encountered within WS02 and WS13 from depths of between approximately 0.50m and 0.90m bgl respectively. Both of these windowless sample boreholes were located at the crest of the retaining wall located at the northern end of the site.

The suspected reworked natural material comprised loose to very loose becoming dense to very dense sandy slightly clayey to clayey gravel with a low cobble content.

Gravel was fine to coarse sub-rounded to rounded of sandstone. Cobbles are sub-rounded of sandstone.

There were localised inclusions of plastic within WS13.

Within the suspected reworked natural ground, SPT derived N values between 3 and 8 were recorded across WS02 and WS13, indicating loose locally very loose ground conditions.

7.1 SHALLOW GROUND CONDITIONS (CONTINUED)

Both of these boreholes refused at approximately 3.00m depth, upon SPT derived N values of 50. This indicates dense to very dense ground conditions at 3.00m depth.

It should be noted that there was no recovery below 1.00m depth within WS13.

7.1.5 In-situ Natural Ground (Glaciofluvial Deposits)

Superficial Glaciofluvial Deposits were encountered underlying the made ground across the whole site from approximate depths of between 0.19m and 0.90m bgl.

These superficial deposits generally comprised dense to very dense, locally loose or medium dense brown sandy slightly clayey to clayey gravel/dense to very dense brown gravelly slightly clayey fine to coarse sand, locally with a low cobble content.

Gravel was fine to coarse sub-rounded to rounded of sandstone.

Cobbles were sub-rounded of sandstone.

Locally to WS09, the natural ground underlying the made ground comprised stiff brown sandy gravelly clay.

SPT derived N values recorded within the natural ground were generally recorded at 50 between depths of approximately 0.70m and 1.40m depth, indicating the natural ground is dense to very dense at very shallow depths.

N values of between 7 and 22 were recorded at the southern end of the site across WS11 and WS12 indicating loose to medium dense ground conditions. At both of these borehole locations, the sampler refused upon N values of 50 at approximately 1.90m and 2.50m bgl respectively.

7.2 GROUNDWATER

A summary of the groundwater observations recorded during the intrusive investigation is provided below in Table 8.

7.2 GROUNDWATER (CONTINUED)

Table 8: Summary of Groundwater Observations		
Location	Depth to Groundwater (m bgl)	Comment
WS02	0.90	Ground saturated below 0.90m depth.
WS11	1.00	Ground saturated below 1.00m depth.
WS12	1.50	Ground saturated below 1.50m depth.
SA03	0.70	Groundwater seeping at the base of the pit at 0.70m depth.

Groundwater observations represent conditions encountered at the time of the site investigation only. Groundwater levels may fluctuate due to seasonal variation, rainfall events, local drainage conditions and changes in ground permeability.

7.3 SOIL INFILTRATION TEST RESULTS

Soil infiltration testing was undertaken within three hand excavated trial pits (SA01 to SA03).

The soil infiltration test calculation sheets are presented in Appendix F.

A summary of the soil infiltration test results is provided below in Table 9.

Table 9: Summary of Soil Infiltration Testing					
Trial Pit Location	Depth of Pit (m)	Strata	Infiltration Rate (m/s)		
			Cycle 1	Cycle 2	Cycle 3
SA01	1.00	Glaciofluvial Deposits	**2.1×10^{-5}**	**3.2×10^{-5}**	**1.0×10^{-4}**
SA02	0.60	Glaciofluvial Deposits	-	-	-
SA03	0.70	Glaciofluvial Deposits	***3.9×10^{-6}**	-	-

*Results based on extrapolating available information.

Within SA01, an infiltration rate of 3.2×10^{-5} m/s was calculated based on three cycles.

Within SA02, negligible infiltration was observed and it was not possible to calculate an infiltration rate.

Within SA03, an infiltration rate of 3.9×10^{-6} m/s was recorded based on one complete cycle only.

7.3 SOIL INFILTRATION TEST RESULTS (CONTINUED)

The soil infiltration test results are specific to the location and depth of the tests undertaken and may vary due to seasonal and other effects.

The results of the soil infiltration testing should be provided to a suitably qualified drainage engineer.

7.4 LABORATORY GEOTECHNICAL TEST RESULTS

A total of four representative soil samples were taken from the trial pits and dispatched to the UKAS accredited laboratories of GSTL and scheduled for moisture content and Atterberg Limit testing. The results of the laboratory geotechnical testing are presented in Appendix H.

A summary of the results is provided below in Table 10.

Table 10: Summary of Moisture Content and Volume Change Potential Results

Sample Reference	Depth (m bgl)	Strata	Moisture Content (%)	Plasticity Index (%)	Modified Plasticity Index (%)	Volume Change Potential
WS05	0.80	Glaciofluvial Deposits	10.30	13.00 (Low)	11.83	Low
WS07	0.60	Glaciofluvial Deposits	13.90	16.00 (Low)	11.76	Low
WS08	0.90	Glaciofluvial Deposits	11.00	16.00 (Low)	13.44	Low
WS12	1.10	Glaciofluvial Deposits	10.70	14.00 (Low)	14.08	Low

The results indicate that the glaciofluvial deposits underlying the site have a low plasticity and a low volume change potential.

8.0 CONTAMINATION

Six representative soil samples comprising made ground were recovered and analysed for total soil concentrations. The tested samples were obtained from the following locations and depths:

- WS01 at 0.30m
- WS03 at 0.50m
- WS05 at 0.30m
- WS08 at 0.50m
- WS10 at 0.20m
- SA03 at 0.30m

Additionally, one sample of in-situ natural ground was taken adjacent to the cemetery to the northeastern corner of the site (WS03 at 0.75m) to undergo analysis for ammoniacal nitrogen.

The Suitable 4 Use Levels (S4ULs) published by LQM have been adopted as critical concentrations against which soil contaminant concentrations can be compared. In the absence of additional published S4ULs, the Category 4 Screening Levels (C4SLs) derived by DEFRA and Soil Screening Values (SSVs) derived by Atkins ATRISKsoil have been referred to.

Assessment criteria for a residential end use without homegrown produce have been adopted.

The laboratory results of the testing indicate total organic carbon content (TOC) in the range of between 0.10% to 6.00%. These values correspond to soil organic matter (SOM) content of approximately 0.17% and 10.32%. For screening purposes, the results have been assessed against guideline values corresponding to 1% soil organic matter, representing a conservative assessment.

The laboratory chemical test results for made ground and in-situ natural ground have been summarised and are presented in Appendices I and J respectively

8.1.1 Made Ground

The results of the laboratory testing indicate that most of the analysed chemical elements or compounds are present at concentrations below the appropriate thresholds. However, the initial screening indicates exceedances of several speciated PAH compounds. Asbestos was also detected within three out of the six samples tested.

8.1 SOIL CONTAMINATION (CONTINUED)

Benzo(a)pyrene was detected within one sample of made ground (WS08 at 0.50m) at a value of 3.4mg/kg, marginally exceeding the adopted screening value of 3.2mg/kg.

Benzo(b)fluoranthene was detected within one sample of made ground (WS08 at 0.50m) at a value of 5.2mg/kg, exceeding the adopted screening value of 3.9mg/kg.

Dibenzo(ah)anthracene was detected within two samples of made ground (WS08 at 0.50m and WS10 at 0.20m) at values of 0.64mg/kg and 0.38mg/kg respectively, exceeding the adopted screening value of 0.31mg/kg.

Loose fibres of chrysotile asbestos were identified within three samples of made ground (WS05 at 0.30m, WS08 at 0.50m and WS10 at 0.20m). These samples were sent for quantification testing at the laboratory. The results of the quantification testing on all three samples indicated <0.001% asbestos by weight.

8.2.2 In-situ Natural Ground

The sample of in-situ natural ground obtained from WS03, located adjacent to the neighbouring cemetery boundary, did not record any detectable concentrations of ammoniacal nitrogen.

Additionally, no visual or olfactory evidence of contamination of the in-situ natural ground was identified during the intrusive investigation. At the time of writing this report no samples of natural ground had been tested for any other contaminants. It is considered likely that concentrations of determinands within the natural ground are likely to be naturally occurring and as such, the natural ground poses no significant threat to human health or the environment.

9.0 REVISED CONCEPTUAL EXPOSURE MODEL

The preliminary conceptual exposure model has been reviewed and revised to reflect the findings of the site investigation and the results of the laboratory testing of soils. Pathways identified as a relevant pollutant linkage require appropriate risk assessment or mitigation measures (see Section 10).

Table 11: Revised Conceptual Exposure Model

Source		Receptor	Pathway	Preliminary Active Pathway? (see Sect. 5.7)	Relevant Pollutant Linkage	Justification/ Mitigation
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	✓	✓	Elevated concentrations of PAH compounds and asbestos fibres identified within the made ground – risk assess.
			Ingestion of soil	✓	✓	
			Inhalation of dust	✓	✓	
			Inhalation of vapours – indoor/outdoor	✓	X	No sufficiently volatile contaminants identified.
	Metals, semi-metals, inorganics, PAH, petroleum hydrocarbons,	Groundwater quality	Leaching from made ground	✓	✓	Elevated concentrations of PAH compounds identified within the made ground – risk assess.
	Metals, semi-metals, non-metals, PAH, petroleum hydrocarbons	Surface water quality	Transportation within groundwater	✓	✓	

9.0 REVISED CONCEPTUAL EXPOSURE MODEL (CONTINUED)

Source		Receptor	Pathway	Preliminary Active Pathway?	Relevant Pollutant Linkage	Justification/ Mitigation
Origin	Contaminant					
Ground in vicinity of adjacent cemetery	Metals, Ammoniacal nitrogen	Resident – human health	Dermal Contact with made ground/dust	✓	X	No elevated metals recorded and ammoniacal nitrogen recorded below the limits of detection at WS03.
			Ingestion of soil	✓	X	
			Inhalation of dust	✓	X	
			Inhalation of vapours – indoor/outdoor	✓	X	
		Groundwater quality	Leaching from made ground	✓	X	
		Surface water quality	Transportation within groundwater	✓	X	
Made Ground of unknown origin and natural ground	pH and water-soluble sulphate	Building Materials Durability	Direct contact	✓	✓	Building materials will be in contact with made ground – risk assess
Ground and Mine Gas – organic, gas producing materials	Methane, carbon dioxide	Human health	Accumulation of gases in confined spaces, and/or migration off site, leading to asphyxiation, or risk of explosion	✓/X	✓/X	No on or off-site sources of ground gas identified. No sources of mine gas identified Full radon protective measures are locally required - risk assess

10.0 RISK ASSESSMENT

10.1 METHODOLOGY

The risk of pollution, health effects or environmental harm occurring as a result of ground contamination is dependent upon three principal factors:

- The scale of the contamination sources;
- The presence of sensitive “receptors”, eg Humans: health of the general public, site occupiers, redevelopment workers. Environment: flora, fauna, etc;
- The existence of migration pathways by which contaminants can reach the sensitive receptors.

This section assesses each of these factors in order to evaluate the overall level of risk and potential harm to receptors. The receptor may be human, a water resource, an eco-system or construction materials. Pathways connecting a perceived hazard to a receptor are referred to as exposure pathways.

The sources of contamination and the links connecting the hazards to the sensitive receptors will represent the basis for the risk assessment.

10.2 SOURCE-PATHWAY-RECEPTOR MODEL

The preliminary conceptual site model was based on the findings of the desk study. This was later reviewed and refined according to the findings of the site investigation, allowing for the ground conditions encountered and the results of laboratory testing of soil and groundwater. Any pathways considered to be inactive were removed from the model and all remaining potentially active pathways require risk assessment.

The pathways shown as potentially active in the Revised Conceptual Site Model in Section 9.0 above have been assessed below.

10.3 HUMAN HEALTH RISK ASSESSMENT

10.3.1 Site in its Present Condition

The site does not pose any risks to casual visitors or trespassers.

10.3 HUMAN HEALTH RISK ASSESSMENT (CONTINUED)

10.3.2 Future Site Users

The contamination test results show elevated concentration levels of three polycyclic aromatic hydrocarbon (PAH) compounds were identified within the made ground which underlies the entire site. Asbestos was also identified at <0.001%.

Given the history of the site, the presence of made ground beneath the entire site with elevated concentrations of PAH compounds and detections of asbestos (albeit at <0.001%) within the in-situ made ground, it is considered that a potential risk to human health may exist via the following relevant pollutant linkages:

- Dermal contact,
- Ingestion of soil or soil derived dust,
- Inhalation of soil bourn dust.

The inhalation of vapours pathways (indoor and outdoor air) are not considered to be active since the contaminants of concern identified are not sufficiently volatile.

It is considered necessary to protect future site end users from the elevated soil contaminant concentrations. This can be achieved by breaking the above listed relevant pollutant linkages thereby removing the potential risk.

Given the elevated soil contaminant concentrations, the potential for further ACM and/or asbestos fibres within the made ground, and the general nature of the made ground, which is not considered a suitable growth medium for plants/vegetation, it is recommended that a minimum 600mm thick clean topsoil/subsoil capping layer placed above a geotextile anti-dig membrane is placed in all areas of soft landscaping.

Significant areas of the site remain developed with the existing buildings. Therefore, following site clearance and breaking out of any remaining floor slabs/areas of hardstanding, it is recommended that the exposed formations are inspected and tested for contamination, including asbestos.

It should be noted that this assessment should be reviewed to include the findings of the post demolition supplementary testing stated above and this assessment may therefore be subject to change.

10.3 HUMAN HEALTH RISK ASSESSMENT (CONTINUED)

10.3.3 Construction Workers

With future site development works involving the excavation and removal of the made ground, there would be a risk to workers from contaminants in the soils and also the groundwater if it is encountered. Appropriate measures are therefore recommended for works involving the made ground materials which are known to be present beneath the site.

Normal good hygiene practices should be adequate to protect the health and safety of redevelopment workers, and should include:

- Minimum handling of materials;
- Washing of hands prior to all meal breaks, which should be taken in a designated clean area;
- The use of standard protective clothing such as boots and overalls and gloves, where considered relevant.

All excavations should be regularly checked for safe atmospheres.

In dry weather, inhalation of dust and gases should be avoided preferably by the use of dust suppression techniques to minimise fugitive emissions and minimisation of exposed materials at any particular time.

During excavation, in order to prevent cross contamination of materials, the made ground arisings should be segregated from any underlying natural soils.

Additionally, a system should be established by which any ‘unusual’ materials that may be encountered are reported rapidly to the site management, so that the appropriate action may be taken, following specialist advice if necessary. An unusual material may be identified on site by colour, odour or physical nature.

Reference should be made to the Health and Safety Executive document “Protection of Workers and the General Public during the development of contaminated land” for detailed guidance on these matters.

10.4 CONTROLLED WATERS RISK ASSESSMENT

Laboratory testing has identified elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) within the made ground across the site. Polycyclic aromatic hydrocarbons are synonymous with ashy made ground and are considered representative of the developed history of the site.

Soil infiltration testing within the underlying superficial deposits show variable permeability. It should be noted that no significant sources of contamination were identified within the superficial deposits.

The principal receptors comprise the underlying Secondary 'A' Aquifer and the River Taff located approximately 114m east of the site boundary.

Given the development proposals, which are likely to include apartment buildings and areas of hardstanding with limited landscaping, which will be capped by a minimum thickness of 600mm of clean subsoil and topsoil, the potential for rainfall to infiltrate into the made ground where it could generate leachable concentrations and present a potential risk to controlled waters is considered to be low.

This assessment should by revised following review of the findings of the recommended post demolition sampling outlined in Section 11.9.

10.5 RISKS TO VEGETATION

The concentration of phytotoxic elements within the made ground indicate the potential for adverse effects to vegetation. Similarly, the physical nature of the existing made ground does not provide a suitable growing medium for vegetation. To ensure viable landscape areas and in order to promote plant growth, any landscaped areas will require the provision of a minimum 600mm thick capping layer of clean, inert subsoil and topsoil materials placed above a geotextile anti-dig membrane.

10.6 GROUND AND MINE GAS RISK ASSESSMENT

10.6.1 Radon

As discussed previously, the majority of the site is located within an area that would not require any radon protective measures. However, areas along the eastern edge of the site and within the southeast corner would require full radon protective measures. Once development layouts are finalised the radon classification can be reviewed for any development proposed within the high-risk areas.

10.6 GROUND AND MINE GAS RISK ASSESSMENT (CONTINUED)

10.6.2 Ground Gas

No potential ground gas producing materials were encountered during the intrusive investigation.

Additionally, no historical, BGS recorded or local authority recorded landfill sites or any licensed waste management facilities are located within 250m of the site boundary.

It should be noted that available information suggests that the infilled water features, most notably the Glamorganshire Canal, were infilled by 1947. Given that more than 70 years have elapsed since these features were infilled, any biodegradable materials capable of generating ground gas would be expected to have undergone significant degradation. CIRIA Report C665 indicates that gas generation typically reduces to negligible levels beyond 20 to 30 years following cessation of waste inputs. These infilled surface water features would not be considered as a sources for ground gas.

As such, no specific gas protection measures are required for the proposed development.

10.6.3 Mine Gas

A mine gas risk assessment should be undertaken in accordance with CL:AIRE (2021) Good Practice for Risk Assessment for Coal Mine Gas Emissions, including reference to the associated Decision Support Tool. The assessment has been informed by information obtained from the Mining Remediation Authority (MRA), British Geological Survey (BGS) mapping and published geological data.

Stage 1 of the CL:AIRE Decision Support Tool considers whether all of the following criteria are satisfied:

- Mine entries located more than 50m from the site boundary;
- Coal mine workings at depths greater than 150m;
- No faults or other potential pathways connecting the surface to deeper unflooded workings; and
- The site located outside areas of past or probable shallow workings.

Based on the available information:

- Mine entries: No mine entries are recorded within 50m of the site boundary;
- There is no past mining recorded;

10.6 GROUND AND MINE GAS RISK ASSESSMENT (CONTINUED)

- Faults/pathways: No geological faults or other pathways capable of transmitting mine gas to the surface are recorded within influencing distance of the site; and
- Probable Shallow workings: The site is outside areas of past or probable shallow workings indicated on Mining Remediation Authority mapping.

On this basis, the Stage 1 screening criteria of the CL:AIRE Decision Support Tool are considered to be satisfied.

Accordingly, the CL:AIRE assessment indicates that the potential risk from mine gas is low. Mine gas protection measures are not anticipated to be required for the proposed development.

10.7 RISKS TO BUILDINGS AND MATERIALS DURABILITY

10.7.1 Concrete Classification

A summary of the laboratory chemical test results for the chemicals water soluble sulphate and pH, which may adversely affect the durability of building materials is presented in Appendices I and J respectively.

Made Ground

In accordance with BRE Digest SD1:2005 and adopting the assessment procedure specified therein for brownfield sites, the laboratory chemical test results indicate a characteristic value (taking the highest of the test results) for water soluble sulphate within the made ground of 473mg/l.

Using Table C2 of BRE Digest SD1:2005, this characteristic value corresponds to Design Sulphate Class DS-1.

The groundwater regime of the site has been assessed as ‘mobile’ and a characteristic pH value within the made ground of 7.8 has been determined (adopting the lowest of the test results). The Design Sulphate Class has been modified to give a site ACEC class of AC-1 for concrete structures constructed within the made ground.

In-situ Natural Ground

In accordance with BRE Digest SD1:2005 and adopting the assessment procedure specified therein for brownfield sites, the laboratory chemical test results indicate a characteristic value (taking the highest of the test results) for water soluble sulphate within the in-situ natural ground of 132mg/l.

10.7 RISKS TO BUILDINGS AND MATERIALS DURABILITY (CONTINUED)

Using Table C2 of BRE Digest SD1:2005, this characteristic value corresponds to Design Sulphate Class DS-1.

The groundwater regime of the site has been assessed as 'mobile' and a characteristic pH value within the in-situ natural ground of 7.8 has been determined (adopting the lowest of the test results). The Design Sulphate Class has been modified to give a site ACEC class of AC-1 for concrete structures constructed within the in-situ natural ground.

10.7.2 Water Services

Water supply pipes will need to be protected from any contamination present within the ground. In particular, the presence of organic contaminants (such as PAH) should be addressed when selecting pipe materials. Measures to protect the pipes will include clean backfill to trenches and possibly alternative material selection. Reference should be made to UKWIR Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites, document No. 10/WM/03/21. The final design and selection of the pipe and associated backfill should be agreed with the appropriate Regulator prior to installation.

In order to comply with the UKWIR guidance, specific sampling and testing along the actual line of the proposed water supply route may need to be carried out once this has been established.

10.8 WASTE DISPOSAL

Excavated materials generated by the development may be considered as waste and subject to waste controls. Any re-use of excavated materials on-site should be undertaken in accordance with current waste and environmental legislation and which may require the production of an approved Materials Management Plan (MMP) prepared in accordance with the CL:AIRE Code of Practice.

It is recommended that a sustainable development strategy is adopted which reduces to a practicable minimum the generation of waste materials and the need for disposal to a licensed tip. Emphasis should be on recovery and re-use rather than disposal.

However, any waste or surplus materials that are generated will need to be classified in accordance with current EC regulations and Environment Agency guidance prior to disposal. It is the responsibility of the waste producer to classify the waste.

10.8 WASTE DISPOSAL (CONTINUED)

Based on the data obtained from the site investigation works, any waste materials comprising the existing made ground are likely to be classified as either non-hazardous or hazardous waste. The existing natural ground are likely to be classified as non-hazardous.

Any asbestos containing materials (ACMs) will be classified as hazardous waste.

This classification is provisional and indicative of the likely waste classification based on the data obtained to date (including chemical composition, moisture content, etc.). It also assumes that the materials tested will be representative of future generated waste.

In order to minimise disposal, the materials generated should be segregated and examined, with appropriate testing as necessary, to enable the materials to be sorted or treated into lower classifications, with the resultant benefit of potentially generating re-use rather than disposal.

Once final waste sources and volumes are known, the waste stockpile to be disposed off-site will need to be classified in accordance with Environment Agency/Natural Resources Wales Waste Classification – Guidance on the Classification and Assessment of Waste Technical Guidance WM3 (2015). This is likely to require additional sampling and testing of the generated waste materials to provide an up to date current basis for classification.

Depending on the waste classification, waste acceptance criteria (WAC) testing may be required, in order to determine which class of landfill site the waste can be sent to.

It is recommended that the results of the waste classification and any WAC test results are sent to the intended licensed waste operator prior to disposal in order to confirm their classification and acceptance.

10.9 UNCERTAINTIES

It is important to recognise that there may be areas of contamination within the site that have not been found or that contaminants may be present at concentrations above those that have been found. It is also important to recognise that contamination may be localised and that no investigation, however comprehensive, is capable of finding such occurrences, other than by chance.

The near-surface drainage patterns have not been fully established.

10.9 UNCERTAINTIES (CONTINUED)

The ground beneath the buildings has not been examined but on present evidence the existing floor slabs are in good condition and there is no evidence of any basements or past spills of potential contaminants. Some degree of made ground material should be expected beneath the existing floor slabs.

11.0 ENGINEERING CONSIDERATIONS AND RECOMMENDATIONS

11.1 DETAILS OF PROPOSED DEVELOPMENT

The development proposals have not been made available to us at this stage, however we understand they will comprise blocks of flats with associated infrastructure such as parking areas and communal landscaping areas.

11.2 GEOTECHNICAL CONSIDERATIONS

The key considerations and constraints for foundation design will be:

- The presence of existing retaining walls and steep grassed slopes along the western boundary, retaining the land beyond the western boundary.
- The 3m high plateau with associated retaining walls at the northern end of the site.

11.3 SITE PREPARATION

11.3.1 Services

Prior to works commencing on site, any services within the proposed development area should be identified and either diverted or protected. Any diversion works should be carried out under the supervision of, and to the specification of appropriate Statutory Authorities. The resulting excavations should be backfilled with engineered granular fill material.

11.3.2 Demolition of Existing Buildings / Structures

Prior to demolition of the existing buildings / structures, strategies should be developed to ensure the safe demolition and re-use of materials. All buildings/structures to be demolished/dismantled should be subject to a 'Demolition Asbestos Survey', soft strip, and disposal of asbestos containing materials to a licensed tip.

The advice of a structural engineer should be sought with specific reference to the existing retaining structures present along the western site boundary.

Following demolition and site clearance it is recommended that supplementary site investigation works comprising inspection and sampling/testing of the exposed formation is carried out and the risk assessments reviewed and updated.

11.3 SITE PREPARATION (CONTINUED)

11.3.3 Vegetation Clearance and Site Strip

Vegetation is predominantly present along the northern and western boundaries, including grassed slopes and some mature trees. A full vegetation survey of the site should therefore be undertaken and, where required, an appropriate scheme for the treatment and removal of any identified invasive species implemented.

All trees, stumps, root systems and brash vegetation within development areas should be cleared and removed. Allowance should be made for the protection of any trees or vegetation to be retained, and all relevant Tree Preservation Orders and ecological constraints must be adhered to.

Areas of stripping should be minimised at all times and exposed surfaces protected from deterioration, particularly during periods of wet weather. Designated access routes should be maintained and suitably designed and maintained working platforms provided for construction plant.

11.3.4 Site Reclamation

All redundant slabs, services, ducts and surface hardstanding should be fully broken out and removed during site clearance. Excavated materials may be processed for reuse where suitable, typically crushed and screened to an agreed structural specification (generally <125mm maximum particle size), with removal of unsuitable materials such as timber, metal and other deleterious matter.

Bituminous hardstanding materials (tarmac / asphalt) should be stripped off and stockpiled separately for reuse or off-site disposal. It should be noted that any bituminous hardstanding waste containing coal tar is likely to be considered as hazardous. Bituminous waste containing coal tar is typically treated by crushing, grinding and screening followed by reuse within paving structures such as roads, car parking, etc. provided that it is only used in bound sub-surface layers such as sub-base, base and binder layers. Specific conditions must be satisfied to demonstrate appropriate reuse without the need for an environmental permit.

Any buried chambers, basements, service ducts or similar structures should be fully removed. Resultant excavations should be adequately benched and backfilled using structural fill placed and compacted to an agreed specification.

11.3 SITE PREPARATION (CONTINUED)

Due to the fine-grained nature of the near-surface soils, exposed formations will be susceptible to deterioration under trafficking and in wet weather. Careful management of earthworks operations and surface water control will therefore be required to prevent softening of exposed ground.

Following demolition and removal of hardstanding, the underlying ground should be inspected and tested for contamination in accordance with the recommendations presented in Section 10.3. The contamination risk assessment and remedial requirements should be reviewed following completion of these works.

11.3.5 Temporary Works

Temporary may be required to support the existing retaining walls on site. It is recommended that a structural survey of the existing retaining walls are carried out by a suitably qualified structural engineer.

11.3.6 Unexpected Occurrences

A system should be established by which any 'unusual' materials that may be encountered are reported rapidly to the site management, so that the appropriate action may be taken, following specialist advice if necessary. An unusual material may be identified on site by colour, odour or physical nature.

All site operatives are to be suitably asbestos awareness trained. Routine visual checks should be made for the presence of any asbestos containing materials (ACM). Any handpicked ACM should be disposed off-site at a suitable licensed facility as hazardous waste.

11.3.7 Cut and Fill Earthworks

The northern end of the site is elevated approximately 3m above the rest of the site, supported by a vertical retaining wall on the southern and eastern sides of the northern plateau. Depending on the development proposals and the final engineering levels, some degree of cut and fill earthworks may be required.

A site-specific Earthworks Specification should be developed once the proposed cut and fill strategy and engineering levels have been confirmed. This should define material classifications, compaction requirements, acceptable moisture contents, and testing protocols tailored to the final development proposals.

11.3 SITE PREPARATION (CONTINUED)

Where fill is placed on sloping ground, the existing surface should be benched to avoid the risk of slippage along the fill–natural interface. All cut and fill operations should follow the principles of the DTp Specification for Highway Works and an agreed site-specific Earthworks Specification.

Subject to appropriate design stability checks by a Geotechnical Engineer, any proposed cut and/or fill slopes should be no steeper than 1v in 2.5h. Cut off drains should be provided at the top and French drains at the bottom of any cut and/or fill slopes.

In areas of cut and/or fill, the slopes should be topsoiled and seeded with grass, in order to minimise any future maintenance problems caused by surface water run-offs.

Where excavation results in cut faces, provisions should be made to manage possible perched water emerging from the exposed ground.

If site excavated materials are to be used as fill, then any generated cobbles/boulders should be processed/crushed to appropriate sizes, typically <125mm maximum particle size. Allowances should be made for selection and local removal of pockets/lenses of soft cohesive and organic materials, where encountered.

Earthworks classification and materials suitability testing should be undertaken to confirm the acceptability of excavated soils for reuse.

Existing topsoil and any soft organic clay soils should be removed prior to the placement of new fill, and all formations should be proof rolled with soft spots removed.

The success of earthworks is highly weather dependent. It is recommended that enabling earthworks and material movements be programmed for summer months to reduce risks related to moisture sensitivity.

Land drainage will be required to control seepage horizons and surface water migration.

11.3.8 Earthworks Certification

The required site preparatory earthworks should be properly specified and monitored by a Geotechnical Engineer.

Validation testing, chemical and physical (typically plate load tests, dynamic probing, sand replacement density tests) should be carried out during the earthworks and across the completed prepared plateau areas in order to ensure its performance.

11.3 SITE PREPARATION (CONTINUED)

Where it is proposed to utilise foundations bearing onto engineered fill, a phased validation/verification report will be required upon completion of the site preparatory earthworks in order to satisfy the requirements of the local planning authority and the NHBC / Building Control provider, as appropriate.

11.3.9 Materials Classification and MMP

Earthworks classification and materials suitability testing should be undertaken once proposed cut and fill extents have been confirmed. In addition, a Materials Management Plan (MMP) will be required under the CL:AIRE Code of Practice to support the re-use of site-derived materials.

An MMP provides a structured and auditable framework to demonstrate that excavated materials are not waste, provided they are suitable for reuse either at their site of origin or through direct transfer to another development site. It documents the material types, proposed volumes, certainty of use, and proposed timescales, and must be supported by a Qualified Person's Declaration submitted to CL:AIRE.

An MMP is an important tool to ensure legal compliance and to protect the client and contractor from potential regulatory scrutiny. Without an approved MMP, excavated materials may be classified as waste, triggering more stringent permitting requirements and constraints on re-use. The absence of a valid MMP could therefore introduce delays, unnecessary disposal costs, and enforcement risk. Early engagement with the MMP process is encouraged to provide clarity and certainty on acceptable material management routes.

11.4 PRELIMINARY FOUNDATIONS AND FLOOR SLABS

The following recommendations should be reviewed once the development proposals have been finalised. These recommendations do not include an assessment of the stability of the retaining wall and grassed slopes located along the western boundary and northern area of the site.

Following demolition and the removal of all buried structures (including former foundations, service runs etc), it is considered that conventional strip / trench fill foundations bearing onto suitably competent in-situ natural soils (Glaciofluvial Deposits) may be adopted for the proposed flats for the majority of the site.

11.4 PRELIMINARY FOUNDATIONS AND FLOOR SLABS (CONTINUED)

The recommended bearing stratum comprises dense to very dense brown sandy slightly clayey to clayey gravel/dense to very dense brown gravelly slightly clayey fine to coarse sand, locally with a low cobble content, typically encountered at depths of between approximately 0.20m and 0.90m bgl.

For foundations constructed within these dense to very dense granular soils, an allowable bearing pressure of 100kN/m² may be adopted for design purposes. At this loading, total settlements are expected to be less than 25mm, with differential settlement resulting in angular distortion not exceeding 1:750.

Foundations should penetrate the founding strata by a minimum of 200mm and be at a minimum depth of 750mm below development level to protect against the effects of frost heave and/or thermal shrinkage.

Foundations should fully penetrate any placed fill, made ground, backfilled demolition trenches and any disturbed/soft/loose soils.

Laboratory Atterberg Limits have been determined for the natural soils underlying the site. The results indicate a low volume change potential. Footings should be appropriately deepened in accordance with NHBC guidance for foundations constructed in low volume change potential soils within influencing distance of trees and hedges (including those that are removed as part of the proposed site clearance works).

Given the anticipated ground disturbance associated with demolition, and the variability in near-surface conditions across the site, it is recommended that floor slabs are designed and constructed as suspended.

It should be noted that ground levels within the northern part of the site are elevated above the rest of the site by around 3m and are retained by two existing retaining walls. Dense in situ natural sands and gravels were encountered within the northern most areas of the upper plateau area but thick made ground was encountered adjacent to the existing retaining wall that retains the southern extent of the upper plateau. The recommended foundation design in this part of the site will depend on proposed development layout and finished site levels and should be reviewed once these are confirmed.

11.5 RETAINING WALLS

Depending on the final development proposals and engineering levels, retaining walls may be required at the northern end and/or along the western boundary of the site.

11.5 RETAINING WALLS (CONTINUED)

Where it is proposed to retain existing ground or imported granular fill by means of retaining walls, then for preliminary design purposes the following shear strength parameters may be used for the design of the retaining walls:

C' =	0	Ø'	=	20 ° for existing made ground materials
C' =	0,	Ø'	=	20° for in-situ cohesive superficial materials
C' =	0,	Ø'	=	26° for in-situ granular superficial materials
C' =	0,	Ø'	=	32° for well compacted acceptable structural fill

Drainage measures should be incorporated into the design and construction of the retaining walls, in order to ensure that there is no build-up of any hydrostatic pressure behind the walls. Temporary support may be required during construction of any retaining walls.

11.6 EXCAVATIONS AND FORMATIONS

No assessment of the stability of the slope/embankment along the western boundary of the site has been undertaken as part of this report. Accordingly, excavation works in this area must only be carried out in accordance with an appropriately designed scheme that considers both local and global stability.

Across the majority of the site, most excavations should be achievable using conventional earthmoving plant. However allowances should be made for the presence of buried obstructions, including remnant foundations, slabs, services, service ducts and chambers, which may require breaking out using heavier plant and mechanical breakers.

Groundwater was encountered at shallow depths during the intrusive investigation and excavations are likely to encounter groundwater inflows. Groundwater should be able to be controlled using conventional pumping techniques.

Excavation side stability should be carefully managed. Any excavations deeper than approximately 1.0m should be appropriately supported using trench support systems or battered back to a safe angle, typically no steeper than 30° to the horizontal, subject to ongoing assessment of ground conditions.

Exposed formations are likely to be susceptible to deterioration due to weathering and water ingress. Measures should therefore be implemented to control surface water runoff, limit trafficking and protect exposed surfaces. Where deterioration occurs, localised reworking or replacement with suitable engineered material may be required.

11.7 ACCESS ROADS AND CAR PARKING AREAS

Following site stripping, variations in formation strength are likely to be encountered. For preliminary pavement design purposes, a California Bearing Ratio (CBR) value of between 2% and 3% may be assumed for the soils underlying the site, subject to confirmation during construction.

Following proof rolling of the exposed formations, all the 'soft spots/areas' should be removed and replaced with well compacted imported granular materials. Such materials should be to the approval of the local highway authority and should be compacted in layers, in accordance with the DTp Specification for Highways Works.

Formations within cohesive deposits should be regarded as frost susceptible.

Field CBR tests should be carried out in order to confirm the above assumptions. Depending on the outcome of such field tests, the above recommendations may need to be revised.

11.8 DRAINAGE

Soil infiltration testing was undertaken within the three hand excavated trial pits (SA01 to SA03).

Within SA01, an infiltration rate of 3.2×10^{-5} m/s was calculated based on three completed test cycles

Within SA02, negligible infiltration was observed and it was not possible to calculate an infiltration rate.

Within SA03, an infiltration rate of 3.9×10^{-6} m/s was recorded based on one completed test cycle only. It should be noted that this rate was calculated by extrapolating available information due to time constraints.

Overall, the results indicate the near surface soils exhibit variable permeabilities

The results are specific to the locations and depths tested.

The results of the soil infiltration testing should be provided to a suitably qualified drainage engineer.

The soil infiltration test calculation sheets are presented in Appendix F.

11.9 RECOMMENDED FURTHER WORKS

Following demolition of the existing buildings and removal of associated hardstanding, foundations, services and buried structures, the exposed ground should be subject to inspection and targeted contamination testing in areas that were not previously accessible. The findings should be used to verify the conclusions of the risk assessment undertaken and to confirm that remedial recommendations outlined in this report remain appropriate.

It may also be prudent to allow for some testing for Polychlorinated Biphenyls (PCBs) in the vicinity of the former electrical transformer if the site levels are significantly reduced within the northern area of the site.

APPENDIX A

ENVIROCHECK REPORT

Intégral
Géotechnique

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
398146309_1_1

Customer Reference:
14581

National Grid Reference:
308270, 188970

Slice:
A

Site Area (Ha):
0.48

Search Buffer (m):
1000

Site Details:

The Sidings
Treforest
CF37 1SL

Client Details:

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

Intégral Géotechnique

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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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Intégral Géotechnique

Report Version v53.0

Contents

Intégral Géotechnique

Summary

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Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3		17	10	7
Prosecutions					
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 11			2	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 12		Yes		
Pollution Incidents to Controlled Waters	pg 12		2	4	12
Historical Prosecutions	pg 15			1	
Registered Radioactive Substances	pg 15		1		
Substantiated Pollution Incident Register	pg 15			2	2
Water Abstractions	pg 16		2		
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 16	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 17	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 17		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 17		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 17		17	65	167
Water Framework Directive - Catchment	pg 45	Yes			
Water Framework Directive - Groundwater	pg 45	Yes			
Water Framework Directive - Surface Waters	pg 45		Yes		

Intégral Géotechnique

Summary

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	pg 46				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 46			2	2
Local Authority Landfill Coverage	pg 47	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 47			1	4
Potentially Infilled Land (Water)	pg 47		3	5	7
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 48			1	1
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					

Intégral Géotechnique

Summary

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 50	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 50	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 51			1	14
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 54	Yes	n/a	n/a	n/a
Mining Instability	pg 54	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 54		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 54		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 55	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 55	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 56		14	10	46
Fuel Station Entries	pg 62				2
Points of Interest - Commercial Services	pg 62		4	3	27
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 65	1	4	3	25
Points of Interest - Public Infrastructure	pg 68		9	6	33
Points of Interest - Recreational and Environmental	pg 72		2	5	6
Underground Electrical Cables					

Intégral Géotechnique

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 74		1	6	22
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					
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: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	0	1	308265 188950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	0	1	308265 189050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (SW)	0	1	308265 188972
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	27	1	308300 189050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	45	1	308300 189100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	77	1	308350 189050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	88	1	308250 189150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	95	1	308150 188972
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	96	1	308150 189100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	143	1	308100 189100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	153	1	308400 189150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	174	1	308450 189000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	202	1	308050 188950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	208	1	308050 189150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	225	1	308400 189250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	235	1	308050 189200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	236	1	308000 189050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	254	1	308000 189150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	254	1	308150 188650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	268	1	308400 189300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	305	1	308000 189250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	312	1	308400 189350

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	A13SW (SW)	313	1	308000 188700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	316	1	308600 188950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	322	1	308600 188972
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	327	1	307950 188800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	338	1	308600 189150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	341	1	307900 188972
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	350	1	307900 188950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	351	1	308550 188650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	363	1	307950 188700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	366	1	308650 188972
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	367	1	307900 188850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	367	1	308650 188850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	374	1	308650 189000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	375	1	308265 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	376	1	308650 189050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	379	1	308650 189100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	401	1	308650 189200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	415	1	307900 189300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	416	1	308700 188972
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	420	1	308650 189250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	420	1	307950 188600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	421	1	308000 188550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	426	1	308250 188450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	429	1	308700 189100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	434	1	308050 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	448	1	308700 189200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	454	1	308400 189500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	466	1	308700 189250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	474	1	308750 189000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	485	1	307850 189350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	488	1	308700 189300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	492	1	307950 188500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	496	1	308750 189200
1	**Discharge Consents** Operator: Gelatins P B U.K. Ltd. Property Type: Water Treatment Works Location: Treforest Estate Wtw Pontypridd Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Am0013701 Permit Version: 1 Effective Date: 18th December 1963 Issued Date: 18th December 1963 Revocation Date: 26th May 1995 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: River Taff **Status: Consent expired** Positional Accuracy: Located by supplier to within 100m	A13NE (E)	124	2	308400 189000
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Castle Inn Cso Asset No 32280, 7 River Street, Pontypridd, Mid Glam, Cf37 1td Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0316101 Permit Version: Not Supplied Effective Date: 11th October 2019 Issued Date: 11th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	125	2	308400 189030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Castle Inn Sso Asset No 32280, Treforest, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0316101 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 26th March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	125	2	308400 189030
1	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Castle Inn Sso Asset No 32280, Treforest, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0316101 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 26th March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	125	2	308400 189030
2	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: John Street Treforest, Cf37 1sw Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0157301 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	163	2	308350 188730
2	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: John Street Treforest, Cf37 1sw Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0157301 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	163	2	308350 188730

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: John Street Treforest, Cf37 1sw Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0157301 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	163	2	308350 188730
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantwit Road (A) Treforest, Cf37 1sp Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0157401 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A13SE (S)	178	2	308300 188700
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantwit Road (A) Treforest, Cf37 1sp Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0157401 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A13SE (S)	178	2	308300 188700
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantwit Road (A) Treforest, Cf37 1sp Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0157401 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A13SE (S)	178	2	308300 188700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantwit Road (B) Treforest, Cf37 1dl Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0157501 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	216	2	308290 188660
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantwit Road (B) Treforest, Cf37 1dl Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0157501 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	216	2	308290 188660
3	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantwit Road (B) Treforest, Cf37 1dl Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0157501 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A13SE (S)	216	2	308290 188660
4	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Treforest-Castle Inn Sso Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0080301 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 28th March 2002 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Taff **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	186	2	308400 189200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Raymond Terrace, Treforest, Treforest-Raymond Terrace Sso, Cf37 1sp Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0080201 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	213	2	308400 188700
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Raymond Terrace, Treforest, Treforest-Raymond Terrace Sso, Cf37 1sp Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0080201 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	213	2	308400 188700
5	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Raymond Terrace, Treforest, Treforest-Raymond Terrace Sso, Cf37 1sp Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0080201 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	213	2	308400 188700
6	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A470 Interchange Glyntaff, Cf37 4bd Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0156501 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	256	2	308450 189250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A470 Interchange Glyntaff, Cf37 4bd Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0156501 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	256	2	308450 189250
6	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A470 Interchange Glyntaff, Cf37 4bd Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0156501 Permit Version: 1 Effective Date: 13th December 1991 Issued Date: 13th December 1991 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	256	2	308450 189250
7	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso At Treforest Llantwit Rd A, Llantwit Rd, Treforest, Pontypridd, Cf37 1dl Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0157401 Permit Version: Not Supplied Effective Date: 18th September 2019 Issued Date: 18th September 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: R Taff - Conf Rhondda R To Castle Street **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	268	2	308481 188697
8	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Rhydyfelin - Cardiff Road - Op Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: AE2017701 Permit Version: 1 Effective Date: 7th November 1965 Issued Date: 7th November 1965 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Effective** Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	388	2	308650 188750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Rhydyfelin - Cardiff Road - Op Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: Ae2017701 Permit Version: 1 Effective Date: 7th November 1965 Issued Date: 7th November 1965 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	388	2	308650 188750
8	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cardiff Road Cso, Pontypridd, Nr Glan Taf County Infants School, Cardiff Rd, Pontypridd, Cf37 5pe Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ae2017701 Permit Version: Not Supplied Effective Date: 18th September 2019 Issued Date: 18th September 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	396	2	308643 188711
9	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Morien Crescent, Rhydyfelin, Cf37 5pn Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0080601 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 100m	A14SW (E)	416	2	308700 188900
9	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Morien Crescent, Rhydyfelin, Cf37 5pn Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0080601 Permit Version: 2 Effective Date: 8th September 2010 Issued Date: 8th September 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: Surrendered** Positional Accuracy: Located by supplier to within 100m	A14SW (E)	416	2	308700 188900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Morien Crescent, Rhydyfelin, Cf37 5pn Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0080601 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 7th September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 100m	A14SW (E)	416	2	308700 188900
10	**Discharge Consents** Operator: Miss Lynn Withers Property Type: Domestic Property (Single) Location: 1 Nightingale Bush Glyntaff Trefor, Glyntaff, Treforest, Rhondda Cynon Taff, Cf37 4bp Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Af4022101 Permit Version: 1 Effective Date: 10th May 1977 Issued Date: 10th May 1977 Revocation Date: Not Supplied Discharge Type: Unspecified Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib Of River Taff **Status: New Consent, by Application (Water Resources Act 1991, Section 88)** Positional Accuracy: Located by supplier to within 10m	A18NW (N)	809	2	308105 189856
11	**Discharge Consents** Operator: Ross Edwards Property Type: Not Supplied Location: Graig-Yr-Helfa Farm Pontypridd Rct, The Common, Pontypridd, Rhondda Cynon Taff, Cf37 4lx Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0410801 Permit Version: Not Supplied Effective Date: 4th July 2007 Issued Date: 4th July 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A18NE (N)	844	2	308438 189892
12	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Undefined Or Other Location: Not Supplied Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Am0012701 Permit Version: 1 Effective Date: 2nd October 1989 Issued Date: 2nd October 1989 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Soakaway **Status: Consent expired** Positional Accuracy: Approximate location provided by supplier	A23SW (N)	972	2	308000 190000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Discharge Consents** Operator: N J Phillips Property Type: Undefined Or Other Location: Not Supplied Authority: Natural Resources Wales Catchment Area: River Taff Reference: An0166001 Permit Version: 1 Effective Date: 1st January 1901 Issued Date: 1st January 1901 Revocation Date: 11th October 1989 Discharge Type: Unspecified Discharge Environment: Not Supplied Receiving Water: Stream **Status: Authorisation revoked** Positional Accuracy: Approximate location provided by supplier	A23SW (N)	972	2	308000 190000
13	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Rhydfelin Cso Off Lionel Terrace, Lionel Terrace (Junc Mervyn St), Rhydyfelin, Pontypridd, Cf37 5rf Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0332301 Permit Version: Not Supplied Effective Date: 1st May 2020 Issued Date: 1st May 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	974	2	308852 188088
13	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Rhydfelin Cso Off Lionel Terrace, Pontypridd, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0332301 Permit Version: 1 Effective Date: 31st March 2003 Issued Date: 19th March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	974	2	308852 188088
13	**Discharge Consents** Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Rhydfelin Cso Off Lionel Terrace, Pontypridd, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: TAFF - CONF RHONDDA R TO CASTLE STREET Reference: An0332301 Permit Version: 1 Effective Date: 31st March 2003 Issued Date: 19th March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Taff **Status: Effective** Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	974	2	308852 188088
14	**Local Authority Pollution Prevention and Controls** Name: Treforest Foundry Location: Windsor Road, PONTYPRIDD, Mid Glamorgan, CF37 1BY Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: EPA 028 Dated: 7th March 1993 Process Type: Local Authority Air Pollution Control Description: PG2/5 Hot and cold blast cupolas **Status: Authorisation has varied** Positional Accuracy: Automatically positioned to the address	A18SW (N)	351	3	308224 189412

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Local Authority Pollution Prevention and Controls** Name: Rhondda Cynon Taff Cbc Location: Glyntaff Crematotium, Cemetery Road, Glyntaff, Pontypridd, Mid Glamorgan, Cf37 4be Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: PPC 26 Dated: 18th March 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG5/2 Crematoria **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	468	3	308722 189194
16	**Local Authority Pollution Prevention and Controls** Name: Broadway Service Station Location: 180-182 Broadway, PONTYPRIDD, Mid Glamorgan, CF37 1BH Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: PPC 73 Dated: 25th June 2015 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Authorisation revoked** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	643	3	307879 189591
	Nearest Surface Water Feature	A13NE (E)	114	-	308400 189027
17	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewerage Location: Up Stream Of Treforest, Weir By Castle, Lyn Bridge Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Blocked Sewer Incident Date: 25th May 1995 Incident Reference: 24730 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	136	4	308410 189045
17	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewerage Location: Up Stream Of Weir, Treforest, Castel Lyn Authority: Environment Agency, Welsh Region Pollutant: Algae Note: Blocked Sewer Incident Date: 25th May 1995 Incident Reference: 24730 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	137	4	308410 189050
18	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: TREFOREST Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 14th July 1996 Incident Reference: 29696 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)	251	4	308500 188750
19	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Willowford Lane, TREFOREST Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 22nd April 1992 Incident Reference: 3862 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)	268	4	308400 189300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Dan Y Bryn Farm Authority: Environment Agency, Welsh Region Pollutant: Heavy Fuel Oil Note: Not Supplied Incident Date: 10th August 1991 Incident Reference: 1175 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	A12NE (NW)	459	4	307800 189200
21	**Pollution Incidents to Controlled Waters** Property Type: Council Premises Location: College Authority: Environment Agency, Welsh Region Pollutant: Oils - Fats And Grease Note: Weather Incident Date: 31st October 1991 Incident Reference: 1013 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	480	4	308200 188400
22	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Old Bridge, PONTYPRIDD Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Not Supplied Incident Date: 7th January 1995 Incident Reference: 22273 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	A18SE (N)	582	4	308500 189600
23	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Opposite, Scrapyard, TREFOREST Authority: Environment Agency, Welsh Region Pollutant: Foam/Soap Suds Note: Not Supplied Incident Date: 8th December 1994 Incident Reference: 22073 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	A18NE (N)	636	4	308300 189700
24	**Pollution Incidents to Controlled Waters** Property Type: Waste Handling Facilities Location: Dhss, Building, PONTYPRIDD Authority: Environment Agency, Welsh Region Pollutant: Coal Solids Note: Vandalism Incident Date: 16th June 1995 Incident Reference: 24425 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	A18NW (N)	796	4	307950 189800
25	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Below Brown Lennox Site, PONTYPRIDD Authority: Environment Agency, Welsh Region Pollutant: Sullage Note: Not Supplied Incident Date: 26th April 1991 Incident Reference: 396 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	A18NW (N)	853	4	308100 189900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: University Of Glamorgan Carpark, PONTYPRIDD Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Tip Leachate Note: Neglect; River Taff Incident Date: 2nd July 1998 Incident Reference: 36486 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leachate Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	855	4	307500 188500
27	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Oldway House, PONTYPRIDD Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 11th December 1991 Incident Reference: 1297 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	A17NE (NW)	888	4	307750 189800
28	**Pollution Incidents to Controlled Waters** Property Type: Other Location: Behind Jubilee Inn, RHYDYFELIN Authority: Environment Agency, Welsh Region Pollutant: Contaminated Groundwater Note: Deliberate Act Incident Date: 17th January 1992 Incident Reference: 2037 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	917	4	308900 188200
28	**Pollution Incidents to Controlled Waters** Property Type: Other Location: Adjacent To, Jubilee Public House At, Rhydfelin Authority: Environment Agency, Welsh Region Pollutant: Rubbish Note: Deliberate Act Incident Date: 17th January 1992 Incident Reference: 2037 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	A9SW (SE)	920	4	308900 188195
29	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Near Brown Lennox, PONTYPRIDD Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 25th January 1996 Incident Reference: 27265 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	A23SW (N)	967	4	308006 189996
29	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Brown Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 25th January 1996 Incident Reference: 27265 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	A23SW (N)	968	4	308001 189996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Nightingale, Bush Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 27th April 1995 Incident Reference: 24003 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	A23SW (N)	973	4	308001 190001
30	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Alexon House, Hawthorn Comprehensive School Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Taff Incident Date: 27th November 1997 Incident Reference: 34453 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	A9SW (SE)	993	4	308900 188100
31	**Historical Prosecutions** Location: Land at rear of Kingsland Terrace, TREFOREST Prosecution Text: Causing Controlled Waste To Be Deposited On Land Without An Appropriate Waste Management Licence, Knowingly Causing Controlled Waste To Be Treated And Disposed Of (By Burning). Prosecution Act: Epa90 S33 Hearing Date: 3rd August 2001 Verdict: Guilty Fine: 15000 Costs: 1967 Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	257	-	308007 189172
32	**Registered Radioactive Substances** Name: University Of Glamorgan Location: The School Of Applied Sciences, Treforest, PONTYPRIDD, Mid Glamorgan, CF37 1DL Authority: Natural Resources Wales Permit Reference: AQ9103 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA **Status: Authorisation either revoked or cancelled** Positional Accuracy: Automatically positioned in the proximity of the address	A13SW (S)	248	2	308156 188654
33	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: Not Supplied Incident Reference: 1702221 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Mixed/Waste Oils	A13NW (NW)	345	2	307928 189212
34	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: 7th July 2004 Incident Reference: 249338 Water Impact: Category 3 - Minor Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material Pollutant: Specific Waste Materials: Household Waste	A12NE (W)	398	2	307842 189005
35	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: Not Supplied Incident Reference: 2301746 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A18SW (N)	535	2	308237 189598

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Substantiated Pollution Incident Register** Authority: Natural Resources Wales Incident Date: Not Supplied Incident Reference: 2105141 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Contaminated Water: Landfill Leachate	A7NE (SW)	886	2	307591 188304
37	**Water Abstractions** Operator: Rhondda Cynon Taf County Borough Council Licence Number: Wa/057/0025/0021 Permit Version: Not Supplied Location: Treforest Weir, River Taff At Treforest, Pontypridd, Cf37 1sy Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 1296000 Yearly Rate (m3): 473040000 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (E)	142	2	308422 188918
37	**Water Abstractions** Operator: Rhondda Cynon Taf County Borough Council Licence Number: Wa/057/0025/0022 Permit Version: Not Supplied Location: Treforest Weir, River Taff At Treforest, Pontypridd, Cf37 1sy Authority: Natural Resources Wales Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): 0 Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (E)	177	2	308456 188932
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13NE (N)	0	2	308265 189000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Medium	A13NE (SW)	0	2	308265 188972
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (SW)	0	2	308265 188972

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (SW)	0	2	308265 188972
	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)	107	2	308401 188972
	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 (NE)	122	2	308376 189131
	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	A13NE (NE)	134	2	308371 189156
	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 (N)	145	2	308333 189196
	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)	161	2	308437 189021
	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	A13NE (E)	197	2	308473 189001
	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	A13SE (E)	198	2	308486 188951
	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	A13NE (NE)	212	2	308420 189216
	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)	107	2	308401 188972
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 441.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (S)	130	5	308219 188753
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 319.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	131	5	308421 189015
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	150	5	308430 188950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (E)	152	5	308430 188950
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 208.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	155	5	308435 188916
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	155	5	308435 188916
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: Underground Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	180	5	308459 188931
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	182	5	308461 188932
46	**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	A13NE (N)	227	5	308377 189266
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	234	5	308051 188788
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	234	5	308041 188801
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	235	5	308394 189266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	235	5	308394 189266
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	236	5	308396 189266
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (N)	240	5	308377 189281
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	248	5	308395 189280
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	248	5	308395 189280
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	254	5	308017 188832
56	**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	A13SE (SE)	263	5	308491 188716
57	**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	A13SE (SE)	264	5	308491 188715
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	265	5	308495 188718

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (N)	268	5	308394 189303
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 194.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (N)	268	5	308394 189303
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	269	5	308483 188697
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	271	5	307998 188844
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	271	5	308507 188725
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (SE)	272	5	308507 188722
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	272	5	308549 188973
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	273	5	308493 188703
67	**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	A13SE (SE)	274	5	308490 188699

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	274	5	308492 188700
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 127.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	275	5	308493 188700
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	275	5	308512 188724
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (SE)	277	5	308512 188723
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 377.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	282	5	308417 189307
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	286	5	308529 188730
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 173.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	288	5	308530 188728
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	294	5	308571 188993
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	303	5	308579 188997

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	343	5	307917 188895
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 94.9 Watercourse Level: Underground Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	370	5	308183 188515
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	370	5	308183 188515
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	388	5	308531 188579
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	391	5	307904 188732
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	395	5	308533 188573
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	397	5	308214 188482
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	397	5	308214 188482
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 184.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	399	5	308215 188480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	401	5	307849 188949
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	418	5	307831 188952
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	422	5	307826 188955
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	430	5	308705 189043
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	431	5	307824 188917
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	435	5	307820 188914
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	437	5	307805 188986
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 134.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	439	5	308364 189494
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 219.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	439	5	308364 189494

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	439	5	307863 188704
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	443	5	308103 188464
97	**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)	445	5	307795 189004
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	446	5	308098 188463
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	449	5	307806 188909
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	449	5	307806 188908
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	449	5	307806 188908
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	450	5	308091 188462
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 406.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	452	5	308395 188441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1060.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	453	5	308632 188588
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	453	5	308647 188605
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A8NW (S)	454	5	308076 188464
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (S)	454	5	308070 188467
108	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 31.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	456	5	307804 188887
109	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	456	5	308649 188605
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 183.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NW (SW)	457	5	308003 188502
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	458	5	308731 189067
112	**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	A12SE (W)	458	5	307806 188855

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 149.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	460	5	308732 189069
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	460	5	308732 189069
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	461	5	307804 188851
116	**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: 1	A12SE (SW)	462	5	307849 188679
117	**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	A12SE (W)	464	5	307794 188892
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	470	5	307787 188896
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	484	5	307828 188672
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	510	5	307797 188678
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	511	5	307762 188802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	516	5	307758 188799
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	517	5	308265 189581
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	517	5	308265 189581
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	525	5	307851 188556
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	526	5	307866 188533
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 66.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NE (SW)	528	5	307805 188617
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	528	5	307866 188533
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 189.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	529	5	307839 188566
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NE (SW)	531	5	307802 188620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 324.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	532	5	307911 188481
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	536	5	307740 188781
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	539	5	307744 188750
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	539	5	307744 188750
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	539	5	307744 188750
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 160.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	546	5	307732 188772
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	559	5	308275 189624
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 332.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	572	5	307808 188536
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	580	5	308151 189632

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 983.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Taf Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	580	5	308151 189632
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	590	5	308846 189200
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	590	5	308846 189200
143	**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	A18SE (NE)	602	5	308559 189594
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18SE (NE)	602	5	308557 189595
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (NE)	604	5	308559 189597
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 0.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (NE)	604	5	308559 189597
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (NE)	605	5	308559 189597
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	605	5	308880 189045

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	605	5	308880 189045
150	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 160.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	614	5	308158 189668
151	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	614	5	308781 189409
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	614	5	308781 189409
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 134.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NE (SW)	614	5	307712 188615
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	618	5	308799 189389
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	620	5	308876 189208
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	623	5	308788 189415
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	634	5	308914 188957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	**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	A19SW (NE)	637	5	308800 189423
159	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (NE)	643	5	308584 189628
160	**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	A14SW (E)	651	5	308929 188968
161	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	653	5	308810 189437
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (NE)	657	5	308589 189641
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	671	5	308823 189448
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	673	5	308303 189737
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	674	5	308825 189451
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 120.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	675	5	308943 189143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	679	5	308901 189325
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	679	5	308892 189344
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	681	5	308902 189325
170	**OS Water Network Lines** Watercourse Form: Marsh Watercourse Length: 0.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	681	5	308892 189349
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	682	5	308893 189350
172	**OS Water Network Lines** Watercourse Form: Marsh Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	691	5	308901 189353
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	693	5	308902 189354
174	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	702	5	308316 189765
175	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 87.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	704	5	308317 189767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	**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	A14NE (E)	720	5	308996 189027
177	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	722	5	308484 188185
178	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	731	5	308868 189489
179	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	739	5	308951 189359
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	739	5	308951 189359
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 285.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	741	5	308626 188222
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NW (SW)	744	5	307584 188583
183	**OS Water Network Lines** Watercourse Form: Marsh Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	746	5	308952 189373
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	747	5	308953 189373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 24.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NW (SW)	750	5	307577 188583
186	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	762	5	308461 188138
187	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NW (SW)	768	5	307560 188577
188	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18NW (N)	774	5	308119 189823
189	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	774	5	308135 189826
190	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18NW (N)	774	5	308135 189826
191	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	785	5	309061 189011
192	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	787	5	308475 188115
193	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	790	5	308326 189853

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	791	5	308478 188112
195	**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)	809	5	309007 189403
196	**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: 2	A7NW (SW)	815	5	307524 188543
197	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A7NW (SW)	820	5	307518 188543
198	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	825	5	308112 189874
199	**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	A18NW (N)	825	5	308113 189874
200	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 65.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	825	5	307511 188545
201	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	825	5	307540 188487
202	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	825	5	307544 188480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	826	5	307509 188549
204	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NE (E)	826	5	309103 188984
205	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	826	5	309103 188984
206	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	828	5	308122 189878
207	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	831	5	308919 189588
208	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	832	5	308527 188083
209	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	832	5	308532 188085
210	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	832	5	308920 189587
211	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	833	5	307504 188544

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	833	5	307504 188544
213	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	833	5	308472 189873
214	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	833	5	308472 189873
215	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	833	5	308481 189871
216	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	833	5	308497 189867
217	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	834	5	308405 189888
218	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	835	5	307642 188322
219	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	835	5	307640 188324
220	**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	A7NW (SW)	836	5	307498 188548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	837	5	307499 188544
222	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	838	5	308413 189890
223	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	840	5	308543 188080
224	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	845	5	308435 189894
225	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8SE (S)	846	5	308575 188085
226	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	847	5	308440 189895
227	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	853	5	308094 189899
228	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	853	5	308094 189899
229	**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	A14SE (E)	857	5	309141 188861

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	861	5	309145 188869
231	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	864	5	308925 189631
232	**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	A19SW (NE)	865	5	308926 189632
233	**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	A18NE (N)	869	5	308464 189912
234	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SW (NE)	869	5	308927 189636
235	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	874	5	308468 189917
236	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	875	5	308150 189931
237	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	878	5	309154 189007
238	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 120.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	881	5	308151 189937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	881	5	308151 189937
240	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	882	5	307592 188308
241	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 379.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	884	5	307591 188306
242	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	884	5	307591 188306
243	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	889	5	308933 189660
244	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 136.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	894	5	307575 188310
245	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	898	5	309174 189032
246	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	900	5	309176 189034
247	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	902	5	308158 189959

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NW (N)	902	5	308158 189959
249	**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	A19SE (NE)	903	5	309081 189466
250	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	907	5	309084 189470
251	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NE (NE)	911	5	308942 189682
252	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NE (NE)	915	5	308944 189686
253	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	919	5	308518 189950
254	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18NE (N)	919	5	308518 189950
255	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 285.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18NE (N)	923	5	308521 189953
256	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	925	5	308164 189983

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
257	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	925	5	308164 189983
258	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	926	5	308176 189985
259	**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	A23SW (N)	934	5	308192 189995
260	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	958	5	308203 190020
261	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	958	5	308203 190020
262	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (S)	959	5	308655 187995
263	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant y Fforest Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (S)	959	5	308655 187995
264	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	960	5	308244 190024
265	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (S)	965	5	308634 187979

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	966	5	308208 190028
267	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NE (NE)	970	5	309017 189687
268	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SE (N)	971	5	308319 190035
269	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	972	5	308215 190035
270	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	973	5	309245 189108
271	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NE (NE)	973	5	309018 189690
272	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (S)	975	5	308617 187963
273	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (S)	976	5	308614 187960
274	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	976	5	308220 190039

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 181.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	981	5	307443 188344
276	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	981	5	307443 188344
277	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	982	5	309130 189545
278	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	983	5	308229 190046
279	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	985	5	307438 188346
280	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 105.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	985	5	309146 189520
281	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 239.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	986	5	307436 188346
282	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	987	5	308252 190051
283	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A23SW (N)	987	5	308253 190052

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
284	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A3NE (S)	988	5	308595 187942
285	**OS Water Network Lines** Watercourse Form: Marsh Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	998	5	308104 190048
286	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	999	5	308104 190049
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Taff - conf Rhondda R to Castle Street WaterBody ID: GB109057027270 Operational Catchment: Taff US Cynon Management Catchment: South East Valleys Catchment Name: Not Supplied	A13NE (SW)	0	2	308265 188972
	Water Framework Directive - Groundwater Waterbody Name: SE Valleys Carboniferous Coal Measures Waterbody ID: GB40902G201900 URL Address: Not Available Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2023	A13NE (SW)	0	2	308265 188972
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Taff - conf Rhondda R to Castle Street Waterbody ID: GB109057027270 URL Address: Not Supplied Overall Rating: Not Supplied Chemical Rating: Moderate Classification Year: 2024	A13NE (E)	134	2	308424 189000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
287	**Historical Landfill Sites** Licence Holder: Borough Council of Taff Ely Location: Ponypridd Name: Fforest Uchaf Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14936 First Input Date: 31st December 1977 Last Input Date: 30th September 1990 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6940/0023 BGS Ref: Not Supplied Other Ref: Not Supplied	A7NW (SW)	926	2	307492 188365
288	**Licensed Waste Management Facilities (Locations)** Licence Number: SP3895FE Location: Treforest, Pontypridd, R C T, CF37 1RX Operator Name: Gene Metals Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Effective** Issued: 15th March 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	357	2	307880 189031
288	**Licensed Waste Management Facilities (Locations)** Licence Number: 30185 Location: Gene Metals, Rear Of Kingsland Terrace, Treforest, Pontypridd, CF37 1RX Operator Name: Gene Metals Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Issued** Issued: 15th March 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	357	2	307880 189031
289	**Licensed Waste Management Facilities (Locations)** Licence Number: SP3495FG Location: Pontypridd, R C T, CF37 4BW Operator Name: M & E Bin Hire Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Effective** Issued: 15th March 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	633	2	308277 189697
289	**Licensed Waste Management Facilities (Locations)** Licence Number: 30186 Location: M & E Bin Hire, Pentrebach Road, Pontypridd, CF37 4BW Operator Name: M & E Bin Hire Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Metal Recycling Sites (Mixed) **Licence Status: Modified** Issued: 15th March 1996 Last Modified: 18th January 2007 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	633	2	308277 189697

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Rhondda Cynon Taff County Borough Council - Has supplied landfill data		0	6	308265 188972
290	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SE (SW)	434	-	307841 188796
291	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SE (N)	503	-	308426 189544
292	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17SE (NW)	596	-	307750 189401
293	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SE (NE)	800	-	308992 189417
294	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17NW (NW)	939	-	307510 189652
295	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13SW (S)	26	-	308239 188855
296	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A13NE (NE)	201	-	308476 189067
297	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A13SE (E)	231	-	308510 188938
298	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A18SW (N)	253	-	308206 189309
299	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A14SW (E)	322	-	308604 188915
300	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A8NW (S)	349	-	308169 188541
301	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A8NW (S)	439	-	308172 188447
302	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A14SW (E)	483	-	308758 188784
303	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A9NW (SE)	566	-	308739 188543
304	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A8NE (SE)	626	-	308579 188327
305	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A14SE (SE)	694	-	308951 188688
306	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A8SE (S)	746	-	308534 188176
307	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A9NW (SE)	817	-	308882 188321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
308	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A7NE (SW)	876	-	307596 188313
309	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A7SE (SW)	987	-	307820 187995
310	**Registered Waste Treatment or Disposal Sites** Licence Holder: G & N Evans - Gene Metals Licence Reference: Sy/03/94 Site Location: Rear of Kingsland Terrace, Treforest, PONTYPRIDD, Mid Glamorgan, CF37 1RX Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 15th March 1996 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Electrical Cable Ferrous Swarf L.P.Gas Cylinders Machinery Max.Waste Permitted By Licence Non-Ferrous Swarf Other Ferrous Metals Other Non-Ferrous Metals Vehicle Bodies Vehicle Compts/Engines Waste Oil Prohibited Waste: Biodegradable Waste Cable Burnt To Remove Casing Highly Flam./Lpg Regs'72 Subs Pcbs Percussive/Explosive/Similar Waste Poisonous, Noxious, Polluting Wastes Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Subs 76/454/Eec Danger Aquatic Env Transformers/Capacitors Waste N.O.S.	A12SE (W)	457	4	307800 188900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
311	**Registered Waste Treatment or Disposal Sites** Licence Holder: E S & K Humphries Of M & E Bin Hire Ltd Licence Reference: SY/06/94 Site Location: Glyntaff Sidings, Pentrebach Road, PONTYPRIDD, Mid Glamorgan, CF37 4BW Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Site exempt from licence Dated: 15th March 1996 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned within the geographical locality Boundary Quality: Not Supplied Authorised Waste: Batteries Ferrous Swarf L.P.Gas Cylinders Machinery Tyres Vehicle Bodies Vehicle Compts/Engines Prohibited Waste: Biodegradable Waste Cable Burnt To Remove Casing Highly Flam./Lpg Regs'72 Subs Pcbs Percussive/Explosive/Similar Waste Poisonous, Noxious, Polluting Wastes Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Subs 76/454/Eec Danger Aquatic Env Transformers/Capacitors Waste N.O.S.	A18NW (N)	873	4	308010 189900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13NE (SW)	0	1	308265 188972
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (SW)	0	1	308265 188972
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	162	1	308077 189106
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	171	1	308423 189156
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	263	1	308487 188712
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	353	1	307960 188702
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (SW)	438	1	307888 188645

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 Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NW (S)	457	1	308075 188461
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	502	1	308309 189565
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8SW (SW)	686	1	307945 188269
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14SE (E)	948	1	309232 188871
312	**BGS Recorded Mineral Sites** Site Name: Coed Forest-Isaf Location: Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158564 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	355	1	307891 188976
313	**BGS Recorded Mineral Sites** Site Name: School Of Mines Location: Treforest, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158522 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	531	1	308150 188357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
314	**BGS Recorded Mineral Sites** Site Name: Pentre-Bach Road Quarry Location: Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158518 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	657	1	308320 189720
315	**BGS Recorded Mineral Sites** Site Name: Coed Forest-Isaf Location: Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158563 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	668	1	307594 189242
316	**BGS Recorded Mineral Sites** Site Name: Woodroad Location: St Michael'S Avenue, Treforest, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 7358 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	668	1	307720 189480
317	**BGS Recorded Mineral Sites** Site Name: Pentre-Bach Quarries Location: Pentre-Bach, Pontypridd, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 15856 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	721	1	308700 189645
318	**BGS Recorded Mineral Sites** Site Name: Pentre-Bach Quarries Location: Pentre-Bach, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 248679 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	743	1	308760 189625
319	**BGS Recorded Mineral Sites** Site Name: Craig Y Fforest Location: Rhydyfelin, Caerphilly, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 160449 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	752	1	308312 188125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
320	**BGS Recorded Mineral Sites** Site Name: Pentre-Bach Quarry Location: Pentre-Bach, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 7290 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	786	1	308270 189850
321	**BGS Recorded Mineral Sites** Site Name: Glyntaff Location: Glyntaff, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 13824 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	800	1	309080 188955
322	**BGS Recorded Mineral Sites** Site Name: Graig-Fach Location: Glyntaff, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158514 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	815	1	309002 189428
323	**BGS Recorded Mineral Sites** Site Name: Glyntaff Location: Glyntaff, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 7288 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	834	1	309045 189380
324	**BGS Recorded Mineral Sites** Site Name: Woodroad Location: Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158539 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	880	1	307500 189538
325	**BGS Recorded Mineral Sites** Site Name: Coed Fforest-Uchaf Location: Treforest, Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158540 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	890	1	307355 188936

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
326	**BGS Recorded Mineral Sites** Site Name: Pentre-Bach Quarry Location: Pontypridd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 7295 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A23SW (N)	960	1	308139 190015
	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.	A13NE (SW)	0	7	308265 188972
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (SW)	0	-	308265 188972
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	308265 188972
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	232	1	308400 189258
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	308265 188972
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	232	1	308400 189258
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	308265 188972
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	308265 188972
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	236	1	308380 189275
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	308265 188972
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	162	1	308077 189106
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	171	1	308423 189156
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	232	1	308400 189258
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	308265 188972

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	A13NE (NE)	232	1	308400 189258
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	308275 188972
	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	A13NE (SW)	0	1	308265 188972
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	308275 188972
	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	A13NE (SW)	0	1	308265 188972

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	**Contemporary Trade Directory Entries** Name: Treforest Launderette Location: 64, Park Street, Pontypridd, Mid Glamorgan, CF37 1SN Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (N)	69	-	308314 189120
327	**Contemporary Trade Directory Entries** Name: Treforest Launderette Location: 64, Park Street, Pontypridd, Mid Glamorgan, CF37 1SN Classification: Laundries & Launderettes **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	69	-	308314 189120
327	**Contemporary Trade Directory Entries** Name: Treforest Hardware Location: 11, Park Street, Pontypridd, Mid Glamorgan, CF37 1SN Classification: Hardware **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	91	-	308341 189124
327	**Contemporary Trade Directory Entries** Name: Acorn Motor Repairs Location: River St, Pontypridd, Mid Glamorgan, CF37 1TB Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	121	-	308364 189144
328	**Contemporary Trade Directory Entries** Name: The Weir Garage Location: Forest Road, Treforest, Pontypridd, Mid Glamorgan, CF37 1SY Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	70	-	308354 188873
329	**Contemporary Trade Directory Entries** Name: Home Appliances Location: 4, Fothergill Street, Pontypridd, Mid Glamorgan, CF37 1SG Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	121	-	308284 189185
330	**Contemporary Trade Directory Entries** Name: Cottrells Garage Location: 10, Fothergill Street, Pontypridd, Mid Glamorgan, CF37 1SG Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	169	-	308269 189234
330	**Contemporary Trade Directory Entries** Name: J & P Davison Location: 3, James Place, Treforest, Pontypridd, CF37 1SQ Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (N)	181	-	308236 189241
331	**Contemporary Trade Directory Entries** Name: Bodyworx Location: Rear Of Kingsland Ter, Pontypridd, Mid Glamorgan, CF37 1RX Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	186	-	308068 189136
332	**Contemporary Trade Directory Entries** Name: Autospeed Location: Cardiff Road, Treforest, Pontypridd, Mid Glamorgan, CF37 5RF Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	199	-	308483 188890
332	**Contemporary Trade Directory Entries** Name: Pontypridd Caravan Sales & Accessories Location: Cardiff Road, Treforest, Pontypridd, Mid Glamorgan, CF37 5RF Classification: Caravan Dealers & Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	199	-	308483 188890
332	**Contemporary Trade Directory Entries** Name: Caravan & Caravanette Repair Centre Location: Caravan and Caravanette Repair Centre, Cardiff Road, Pontypridd, CF37 5RF Classification: Caravans - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	205	-	308489 188893

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
333	**Contemporary Trade Directory Entries** Name: Bridge Precision Engineering Location: 27, Cardiff Road, Treforest, Pontypridd, Mid Glamorgan, CF37 5RE Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (E)	200	-	308477 188965
334	**Contemporary Trade Directory Entries** Name: Ct Sporthomes Location: Old Cardiff Rd, Treforest, Pontypridd, Mid Glamorgan, CF37 5RF Classification: Caravans - Servicing & Repairs **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	250	-	308530 188833
335	**Contemporary Trade Directory Entries** Name: Threeway Auto Services Location: 2, Meadow Street, Treforest, Pontypridd, Mid Glamorgan, CF37 1SR Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	260	-	308445 188675
336	**Contemporary Trade Directory Entries** Name: Copy House Location: 118, Broadway, Pontypridd, Mid Glamorgan, CF37 1BE Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	281	-	308245 189344
337	**Contemporary Trade Directory Entries** Name: Total Location: Broadway, Pontypridd, Mid Glamorgan, CF37 1BH Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	335	-	308166 189384
337	**Contemporary Trade Directory Entries** Name: Decorite Supplies Ltd Location: 103 Broadway, Pontypridd, Mid Glamorgan, CF37 1BE Classification: Wallpapers & Wall Coverings **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	361	-	308160 189410
337	**Contemporary Trade Directory Entries** Name: Advanced Crusher Spares Location: 103, Broadway, Pontypridd, Mid Glamorgan, CF37 1BE Classification: Crushing Plants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	363	-	308161 189412
338	**Contemporary Trade Directory Entries** Name: Treforest Foundry Ltd Location: Windsor Road, Pontypridd, Mid Glamorgan, CF37 1BY Classification: Foundries **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	351	-	308224 189412
339	**Contemporary Trade Directory Entries** Name: Star Pet Supplies Location: 10, James Street, Treforest, Pontypridd, Mid Glamorgan, CF37 1BU Classification: Pet Foods & Animal Feeds **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	397	-	308179 189451
340	**Contemporary Trade Directory Entries** Name: Wheel-Fixit Location: Broadway, Pontypridd, Mid Glamorgan, CF37 1BH Classification: Alloys **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	406	-	308080 189432
341	**Contemporary Trade Directory Entries** Name: Q Park Ltd Location: Treforest, Pontypridd, Mid Glamorgan, CF37 1DL Classification: Car Painters & Sprayers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	409	-	308163 188480
342	**Contemporary Trade Directory Entries** Name: Glyntaff Crematorium Location: Cemetery Road, Pontypridd, Mid Glamorgan, CF37 4BE Classification: Cemeteries & Crematoria **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	468	-	308723 189195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
343	**Contemporary Trade Directory Entries** Name: Rainbow Bhk Ltd Location: 93-94, Broadway, Pontypridd, Mid Glamorgan, CF37 1BD Classification: Fireplaces & Mantelpieces **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	531	-	308006 189536
344	**Contemporary Trade Directory Entries** Name: J Gwynne Commercials Location: Unit 6, Glyntaff Sidings, Pentrebach Road, PONTYPRIDD, Mid Glamorgan, CF37 4BW Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	536	-	308425 189578
344	**Contemporary Trade Directory Entries** Name: Celtic Windows Location: Unit 5, Pentrebach Road, PONTYPRIDD, Mid Glamorgan, CF37 4BW Classification: PVC-U Products - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	536	-	308425 189578
345	**Contemporary Trade Directory Entries** Name: R & D Roofing & Fascias Location: 176, Broadway, Pontypridd, Mid Glamorgan, CF37 1BH Classification: Fascias and Soffits **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	559	-	307946 189535
346	**Contemporary Trade Directory Entries** Name: Coles Location: Unit G, Glyntaff Sidings, Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	605	-	308386 189659
346	**Contemporary Trade Directory Entries** Name: N Powell & Son Scrap Metal Recycling Ltd Location: Unit 1, Glyntaff Sidings, Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	608	-	308351 189667
347	**Contemporary Trade Directory Entries** Name: Ice I-T Location: Pentrebach Rd, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	624	-	308274 189688
347	**Contemporary Trade Directory Entries** Name: Bush & Griffiths Location: Unit 4, Glyntaff Sidings, Pentrebach Road, Pontypridd, CF37 4BW Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	666	-	308271 189730
348	**Contemporary Trade Directory Entries** Name: 7stars Cleaning Services Ltd Location: 13, Ebenezer Street, Pontypridd, Mid Glamorgan, CF37 5PB Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	649	-	308818 188510
349	**Contemporary Trade Directory Entries** Name: J & P S Motors Location: 66 Broadway, Pontypridd, Mid Glamorgan, CF37 1BD Classification: Car Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	665	-	307886 189622
349	**Contemporary Trade Directory Entries** Name: Broadway Van Centre Location: 182, Broadway, Pontypridd, CF37 1BH Classification: Commercial Vehicle Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	679	-	307845 189612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
350	**Contemporary Trade Directory Entries** Name: Ynys Garage Location: Glyn-Dwr Avenue, Pontypridd, Mid Glamorgan, CF37 5PD Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	738	-	308955 188571
351	**Contemporary Trade Directory Entries** Name: Porter & Rowe Location: Unit D,Pentrebach Rd, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	742	-	308198 189803
351	**Contemporary Trade Directory Entries** Name: Wallpaperink Location: Unit 2 The Quarry, Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Wallpapers & Wall Coverings **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	755	-	308196 189816
351	**Contemporary Trade Directory Entries** Name: I M B Jones Ltd Location: Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Meat Product Manufacturers & Wholesalers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	755	-	308196 189816
351	**Contemporary Trade Directory Entries** Name: Hughes Forrest Builders Merchant Location: Unit 3, The Quarry, Pentrebach Road, Pontypridd, CF37 4BW Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	764	-	308243 189828
351	**Contemporary Trade Directory Entries** Name: Davies R J Location: The Quarry,Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	786	-	308175 189844
352	**Contemporary Trade Directory Entries** Name: Albion Flue Systems Location: Riverside Buildings, Nile Road, Pontypridd, CF37 1BW Classification: Heating Equipment - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	744	-	307905 189723
352	**Contemporary Trade Directory Entries** Name: Real Fires Location: Riverside Buildings, Nile Road, Pontypridd, Mid Glamorgan, CF37 1BW Classification: Heating Equipment - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	744	-	307905 189723
352	**Contemporary Trade Directory Entries** Name: A C Auto Repairs Location: Riverside Buildings, Nile Road, Pontypridd, Mid Glamorgan, CF37 1BW Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	744	-	307905 189723
353	**Contemporary Trade Directory Entries** Name: Nolan Tyres Ltd Location: Unit 2 Thomas Quarry,Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	785	-	308255 189849
353	**Contemporary Trade Directory Entries** Name: I & B Jones Location: The Quarry, Pentrebach Road, Pontypridd, CF37 4BW Classification: Meat - Wholesale **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	800	-	308279 189864

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
353	**Contemporary Trade Directory Entries** Name: N Powell & Son Scrap Metal Recycling Ltd Location: Unit 1, Glyntaff Sidings, Pentrebach Road, Pontypridd, CF37 4BW Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	818	-	308259 189882
353	**Contemporary Trade Directory Entries** Name: R J Davies Motor Repairs Location: The Quarry,Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	820	-	308261 189884
354	**Contemporary Trade Directory Entries** Name: Hi-Tec Cathodic Protection Ltd Location: Unit 1, Old Tinplates Works, Old Tin Works Road, Pontypridd, CF37 1UD Classification: Corrosion Prevention & Control **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	806	-	308765 188232
354	**Contemporary Trade Directory Entries** Name: Georgian Meadow Ltd Location: Unit 1, Old Tinplates Works, Old Tin Works Road, Pontypridd, CF37 1UD Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	806	-	308765 188232
354	**Contemporary Trade Directory Entries** Name: Hi Tec Cathodic Protection Location: Unit 1, Old Tinplates Works, Old Tin Works Road, PONTYPRIDD, Mid Glamorgan, CF37 1UD Classification: Corrosion Prevention & Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	852	-	308777 188184
354	**Contemporary Trade Directory Entries** Name: J'S Auto'S Location: Unit 1, Old Tinplates Works, Old Tin Works Road, Pontypridd, Mid Glamorgan, CF37 1UD Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	852	-	308777 188184
354	**Contemporary Trade Directory Entries** Name: Hi-Tec Cathodic Protection Location: Unit 1, Old Tinplates Works, Old Tin Works Road, Pontypridd, Mid Glamorgan, CF37 1UD Classification: Corrosion Prevention & Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	852	-	308777 188184
355	**Contemporary Trade Directory Entries** Name: P Jones & Son Location: High Corner,Graig-Yr-Helfa Rd, Pontypridd, Mid Glamorgan, CF37 4AR Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	806	-	308372 189864
356	**Contemporary Trade Directory Entries** Name: Sparkley Clean Location: 28, Ynys Terrace, Pontypridd, CF37 5NY Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	821	-	308909 188347
357	**Contemporary Trade Directory Entries** Name: M A Edwards Location: Ty-Ar-y-Graig, Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Foundries **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	860	-	308129 189912
357	**Contemporary Trade Directory Entries** Name: National Tyres & Autocare Location: Pentrebach Road, Pontypridd, CF37 4BW Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	891	-	308111 189941

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
357	**Contemporary Trade Directory Entries** Name: Ms Autos Pontpridd Location: PENTREBACH ROAD, PONTYPRIDD, CF37 4BW Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	891	-	308111 189941
357	**Contemporary Trade Directory Entries** Name: M S Autos Pontypridd Ltd Location: PENTREBACH ROAD, PONTYPRIDD, CF37 4BW Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	891	-	308111 189941
357	**Contemporary Trade Directory Entries** Name: National Tyres & Autocare Pontypridd Location: PENTREBACH ROAD, PONTYPRIDD, CF37 4BW Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	891	-	308111 189941
357	**Contemporary Trade Directory Entries** Name: Lemac Engineering Location: Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Plant & Machinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	898	-	308112 189948
357	**Contemporary Trade Directory Entries** Name: I & B Jones Ltd Location: Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Meat - Wholesale **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	898	-	308112 189948
357	**Contemporary Trade Directory Entries** Name: Mid-Glam Meat Products Ltd Location: Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Meat - Wholesale **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	898	-	308112 189948
357	**Contemporary Trade Directory Entries** Name: M & E Bin Hire Ltd Location: Pentrebach Road, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	898	-	308112 189948
357	**Contemporary Trade Directory Entries** Name: National Tyres & Autocare Location: Pentrebach Road, PONTYPRIDD, Mid Glamorgan, CF37 4BW Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	898	-	308112 189948
358	**Contemporary Trade Directory Entries** Name: Ats Euromaster Ltd Location: Nile Road, Pontypridd, Mid Glamorgan, CF37 1BW Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	862	-	307713 189742
359	**Contemporary Trade Directory Entries** Name: Sainsbury'S Petrol Station Location: Sainsburys Petrol Station, Brown Lennox Retail Park, Ynysangharad Road, Pontypridd, CF37 4DA Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	865	-	308037 189899
360	**Contemporary Trade Directory Entries** Name: Ace Damp Proofing Location: Kenilon,Rockingstone Ter, Pontypridd, Mid Glamorgan, CF37 4AP Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	892	-	308266 189956

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
360	**Contemporary Trade Directory Entries** Name: Ace Dam Proofing Location: Kenilon Bungalow, Rockingstone Terrace, Pontypridd, CF37 4AP Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	893	-	308267 189957
361	**Contemporary Trade Directory Entries** Name: Ice It Location: The Quarry,Pentrebach Rd, Pontypridd, Mid Glamorgan, CF37 4BW Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A23SW (N)	934	-	308122 189986
362	**Fuel Station Entries** Name: Broadway Service Station Location: 180-182, The Broadway , Treforest , Pontypridd, Rhondda Cynon Taf, CF37 1BH Brand: Total Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	645	-	307878 189593
363	**Fuel Station Entries** Name: Sainsburys Pontypridd Location: A470 , , Pontypridd, Rhondda Cynon Taf, CF37 4DA Brand: Sainsburys Premises Type: Hypermarket **Status: Open** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	846	-	308049 189882
364	**Points of Interest - Commercial Services** Name: Acorn Motor Repairs Location: 2 River Street, Pontypridd, CF37 1TB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	114	8	308345 189153
365	**Points of Interest - Commercial Services** Name: Cottrells Garage Location: 10 Fothergill Street, Pontypridd, CF37 1SG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	169	8	308269 189234
365	**Points of Interest - Commercial Services** Name: Cottrells Garage Location: 10 Fothergill Street, Pontypridd, CF37 1SG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	169	8	308269 189234
366	**Points of Interest - Commercial Services** Name: Bodyworx Location: 1 Kingsland Terrace, Pontypridd, CF37 1RX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	201	8	308077 189180
367	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF37 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	411	8	307830 188998
367	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF37 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	416	8	307822 189022
367	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	423	8	307818 188996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
368	**Points of Interest - Commercial Services** Name: B & J Hunt Location: Ashgrove House, Glyntaff Road, Pontypridd, CF37 4AT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (NE)	535	8	308596 189491
368	**Points of Interest - Commercial Services** Name: B & J Hunt Location: Ashgrove House, Glyntaff Road, Pontypridd, CF37 4AT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (NE)	535	8	308596 189491
369	**Points of Interest - Commercial Services** Name: Pontypridd Motors Bodyshop Location: Unit 6 Glyntaff Sidings, Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	536	8	308425 189578
370	**Points of Interest - Commercial Services** Name: Coles Location: Unit G Glyntaff Sidings, Pentrebach Road, Pontypridd, CF37 4BW Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	605	8	308386 189659
370	**Points of Interest - Commercial Services** Name: Glyntaff Metal Ltd Location: Unit G Glyntaff Sidings, Pentrebach Road, Pontypridd, CF37 4BW Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	605	8	308386 189659
371	**Points of Interest - Commercial Services** Name: Four Clean Wheels Location: Broadway Van Centre Ltd, Broadway, Treforest, Pontypridd, CF37 1BH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17SE (NW)	643	8	307879 189591
372	**Points of Interest - Commercial Services** Name: Scrap Yard Location: CF37 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	651	8	308306 189715
372	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	652	8	308314 189715
373	**Points of Interest - Commercial Services** Name: A C Auto Repairs Location: Nile Road, Pontypridd, CF37 1BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (NW)	686	8	307934 189673
373	**Points of Interest - Commercial Services** Name: A C Auto Repairs Location: Riverside Buildings, Nile Road, Pontypridd, CF37 1BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	744	8	307905 189723
374	**Points of Interest - Commercial Services** Name: Ynys Garage Location: Glyn-Dwr Avenue, Rhydyfelin, Pontypridd, CF37 5PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	738	8	308955 188571
375	**Points of Interest - Commercial Services** Name: Wayne Mounter Motorcycles Location: 46 Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	766	8	308155 189821

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
376	**Points of Interest - Commercial Services** Name: G W Services Ltd Location: 4 Gellidawel Road, Pontypridd, CF37 5PR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	769	8	309028 188685
377	**Points of Interest - Commercial Services** Name: R J Davies Motor Repairs Location: The Quarry, Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	820	8	308261 189884
378	**Points of Interest - Commercial Services** Name: Sainsburys Pontypridd Location: Ynysangharad Road, Pontypridd, CF37 4DA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	844	8	308051 189880
378	**Points of Interest - Commercial Services** Name: Sainsburys Pontypridd Location: A470 Pontypridd, CF37 Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	863	8	308039 189897
379	**Points of Interest - Commercial Services** Name: J's Auto's Location: Unit 1 Old Tinplates Works, Old Tin Works Road, Pontypridd, CF37 1UD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (SE)	852	8	308777 188184
379	**Points of Interest - Commercial Services** Name: J's Auto's Location: Unit 1 Old Tinplates Works, Old Tin Works Road, Pontypridd, CF37 1UD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (SE)	852	8	308777 188184
380	**Points of Interest - Commercial Services** Name: National Tyres and Autocare Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	891	8	308111 189941
380	**Points of Interest - Commercial Services** Name: M S Autos Pontypridd Ltd Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	891	8	308111 189941
380	**Points of Interest - Commercial Services** Name: Ms Autos Pontpridd Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	891	8	308111 189941
380	**Points of Interest - Commercial Services** Name: National Tyres and Autocare Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	891	8	308111 189941
380	**Points of Interest - Commercial Services** Name: M & E Bin Hire Ltd Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	891	8	308111 189941
380	**Points of Interest - Commercial Services** Name: National Tyres and Autocare Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	897	8	308111 189947

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
380	**Points of Interest - Commercial Services** Name: John Gwynne Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	898	8	308112 189948
380	**Points of Interest - Commercial Services** Name: M & E Bin Hire Ltd Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NW (N)	898	8	308112 189948
380	**Points of Interest - Commercial Services** Name: National Tyres and Autocare Location: Pentrebach Road, Pontypridd, CF37 4BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	898	8	308112 189948
381	**Points of Interest - Manufacturing and Production** Name: Business Centre Location: CF37 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	0	8	308274 188894
382	**Points of Interest - Manufacturing and Production** Name: Factory Location: CF37 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NW (N)	184	8	308228 189243
382	**Points of Interest - Manufacturing and Production** Name: Works and Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	188	8	308232 189248
382	**Points of Interest - Manufacturing and Production** Name: Works Location: CF37 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	188	8	308232 189248
383	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF37 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	213	8	308357 189260
384	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	360	8	308214 189420
385	**Points of Interest - Manufacturing and Production** Name: Crown Memorials Ltd Location: Valley View, Cemetery Road, Pontypridd, CF37 4BD Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NE (NE)	372	8	308558 189303
386	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF37 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	373	8	308647 189053
387	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF37 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	546	8	307721 188833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
388	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	690	8	308918 189308
388	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A19SE (NE)	729	8	308945 189347
389	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	708	8	308684 189641
389	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	721	8	308693 189650
389	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	737	8	308749 189627
389	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	746	8	308759 189631
390	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF37 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	774	8	308948 188481
391	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	793	8	308771 188253
391	**Points of Interest - Manufacturing and Production** Name: Works Location: CF37 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A9SW (SE)	803	8	308765 188236
392	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	802	8	309079 188988
392	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	810	8	309089 188970
393	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	806	8	308980 189451

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
393	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	808	8	308989 189438
394	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF37 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	836	8	308663 188134
395	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	879	8	307493 189526
395	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	884	8	307487 189525
396	**Points of Interest - Manufacturing and Production** Name: Pentre-Bach Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A23SW (N)	951	8	308159 190009
396	**Points of Interest - Manufacturing and Production** Name: Pentre-Bach Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A23SW (N)	969	8	308144 190025
396	**Points of Interest - Manufacturing and Production** Name: Pentre-Bach Quarry (Disused) Location: CF37 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A23SW (N)	970	8	308133 190024
397	**Points of Interest - Manufacturing and Production** Name: G P Jenkins Location: Maendy Road, Penycoedcae, Pontypridd, CF37 1PS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7SE (SW)	980	8	307796 188016
398	**Points of Interest - Manufacturing and Production** Name: Works Location: CF37 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A23SW (N)	985	8	307923 189991
399	**Points of Interest - Manufacturing and Production** Name: Tank Location: CF37 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A4NW (S)	988	8	308604 187944
400	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	990	8	308737 187998
400	**Points of Interest - Manufacturing and Production** Name: Works Location: CF37 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	990	8	308737 187999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
401	**Points of Interest - Public Infrastructure** Name: Trefforest Rail Station Location: CF37 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (SE)	28	8	308306 188954
401	**Points of Interest - Public Infrastructure** Name: Trefforest Station Location: Park Street, CF37 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (SE)	28	8	308306 188954
402	**Points of Interest - Public Infrastructure** Name: Sluice Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	130	8	308411 188915
402	**Points of Interest - Public Infrastructure** Name: Sluice Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	134	8	308415 188914
402	**Points of Interest - Public Infrastructure** Name: Weir Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	146	8	308426 188925
402	**Points of Interest - Public Infrastructure** Name: Weir Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	150	8	308429 188926
402	**Points of Interest - Public Infrastructure** Name: Sluice Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	159	8	308436 188980
402	**Points of Interest - Public Infrastructure** Name: Sluice Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	163	8	308440 188980
403	**Points of Interest - Public Infrastructure** Name: Pontypridd Fire Station Location: South Wales Fire and Rescue Pontypridd Station, Oxford Street, Treforest, Pontypridd, CF37 1RU Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	243	8	308022 188871
404	**Points of Interest - Public Infrastructure** Name: Tip Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	331	8	307910 189005
404	**Points of Interest - Public Infrastructure** Name: Tip (Dis) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	332	8	307909 189005
405	**Points of Interest - Public Infrastructure** Name: Garden of Rest Location: CF37 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	399	8	308665 189135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
405	**Points of Interest - Public Infrastructure** Name: Glyntaff Crematorium Location: Cemetery Road, Glyn-Taf, Pontypridd, CF37 4BE Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A14NW (NE)	457	8	308708 189205
405	**Points of Interest - Public Infrastructure** Name: Glyntaff Location: Cemetery Road, Pontypridd, CF37 4BE Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A14NW (NE)	468	8	308723 189195
405	**Points of Interest - Public Infrastructure** Name: Crematorium Chapel Location: CF37 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A14NW (NE)	469	8	308721 189202
405	**Points of Interest - Public Infrastructure** Name: Cemetery and Crematorium Location: CF37 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	564	8	308808 189242
405	**Points of Interest - Public Infrastructure** Name: Trealaw Cemetery Location: Cemetery Road, Pontypridd, CF37 4BE Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A14NW (NE)	566	8	308810 189241
406	**Points of Interest - Public Infrastructure** Name: Weir Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	517	8	307928 188485
406	**Points of Interest - Public Infrastructure** Name: Weir Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	521	8	307922 188486
407	**Points of Interest - Public Infrastructure** Name: Broadway Service Station Location: 180-181 Broadway, Pontypridd, CF37 1BH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	643	8	307879 189591
407	**Points of Interest - Public Infrastructure** Name: Broadway Service Station Location: 180-181 Broadway, Pontypridd, CF37 1BH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17SE (NW)	645	8	307878 189593
408	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	658	8	308809 189446
408	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	659	8	308810 189446
409	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	689	8	307728 189522

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
410	**Points of Interest - Public Infrastructure** Name: Cemetery Location: CF37 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	689	8	308966 188988
411	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	704	8	308687 189634
411	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	729	8	308750 189616
411	**Points of Interest - Public Infrastructure** Name: Tip (Dis) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	730	8	308750 189617
412	**Points of Interest - Public Infrastructure** Name: Weir Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (NW)	736	8	307948 189734
412	**Points of Interest - Public Infrastructure** Name: Weir Location: CF37 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (NW)	737	8	307946 189734
413	**Points of Interest - Public Infrastructure** Name: Tips (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	758	8	308979 189340
413	**Points of Interest - Public Infrastructure** Name: Refuse Tips (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	759	8	308980 189339
413	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	760	8	308965 189378
413	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	777	8	308967 189413
413	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	791	8	309008 189357
413	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	794	8	308991 189403

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
413	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	823	8	309012 189426
414	**Points of Interest - Public Infrastructure** Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	769	8	309053 188896
414	**Points of Interest - Public Infrastructure** Name: Cemetery Location: CF37 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	769	8	309053 188896
415	**Points of Interest - Public Infrastructure** Name: Tips (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	832	8	308214 189894
415	**Points of Interest - Public Infrastructure** Name: Refuse Tips (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	832	8	308214 189894
416	**Points of Interest - Public Infrastructure** Name: Sainsbury's Pontypridd Location: Ynysangharad Road, Pontypridd, CF37 4DA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	844	8	308051 189880
416	**Points of Interest - Public Infrastructure** Name: Sainsbury's Petrol Station Location: Sainsburys Petrol Station Brown Lennox Retail Park, Ynysangharad Road, Pontypridd, CF37 4DA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	845	8	308048 189881
416	**Points of Interest - Public Infrastructure** Name: Sainsbury's Pontypridd Location: A470 Pontypridd, CF37 Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	846	8	308049 189882
417	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	865	8	307517 189538
417	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	893	8	307506 189571
417	**Points of Interest - Public Infrastructure** Name: Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	895	8	307504 189572
418	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: CF37 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A23SW (N)	943	8	308065 189984

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
419	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	175	8	308064 189029
419	**Points of Interest - Recreational and Environmental** Name: Play Area Location: CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	178	8	308061 189029
420	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Nr Meadow Street, CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	381	8	308415 188521
420	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	382	8	308415 188520
421	**Points of Interest - Recreational and Environmental** Name: Play Area Location: CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	433	8	308289 189497
421	**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	A18SW (N)	484	8	308233 189547
421	**Points of Interest - Recreational and Environmental** Name: Playground Location: Nr James Street, CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	484	8	308225 189546
422	**Points of Interest - Recreational and Environmental** Name: Playground Location: Gwaun Road, CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SW (E)	505	8	308786 188937
423	**Points of Interest - Recreational and Environmental** Name: Play Area Location: CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	561	8	308540 189558
424	**Points of Interest - Recreational and Environmental** Name: Play Area Location: CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	893	8	309007 188355
425	**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	A9NE (SE)	949	8	309188 188591
425	**Points of Interest - Recreational and Environmental** Name: Playground Location: Dyffryn Gardens, CF37 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	949	8	309188 188591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
426	**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	A9NE (SE)	962	8	309121 188405

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
427	**Ancient Woodland** Name: Not Supplied Reference: 12206 Area(m²): 5910.95 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	179	2	308451 188816
428	**Ancient Woodland** Name: Not Supplied Reference: 12207 Area(m²): 4002.66 Type: Ancient and Semi-Natural Woodland	A18SE (N)	320	2	308347 189376
429	**Ancient Woodland** Name: Not Supplied Reference: 17939 Area(m²): 11589.13 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	353	2	307920 188795
430	**Ancient Woodland** Name: Not Supplied Reference: 8728 Area(m²): 150767.92 Type: Ancient and Semi-Natural Woodland	A8NW (S)	434	2	308092 188478
431	**Ancient Woodland** Name: Not Supplied Reference: 17941 Area(m²): 6268.02 Type: Ancient and Semi-Natural Woodland	A12SE (W)	454	2	307798 188927
432	**Ancient Woodland** Name: Not Supplied Reference: 17937 Area(m²): 84512.35 Type: Ancient and Semi-Natural Woodland	A8NW (S)	464	2	308156 188425
433	**Ancient Woodland** Name: Not Supplied Reference: 8727 Area(m²): 22737.1 Type: Ancient and Semi-Natural Woodland	A8NW (S)	479	2	308110 188422
434	**Ancient Woodland** Name: Not Supplied Reference: 17940 Area(m²): 13831.41 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	507	2	307796 188688
435	**Ancient Woodland** Name: Not Supplied Reference: 17936 Area(m²): 58920.23 Type: Ancient and Semi-Natural Woodland	A8NE (SE)	545	2	308555 188407
436	**Ancient Woodland** Name: Not Supplied Reference: 17935 Area(m²): 43479.85 Type: Ancient and Semi-Natural Woodland	A8NE (S)	571	2	308401 188320
437	**Ancient Woodland** Name: Not Supplied Reference: 17950 Area(m²): 8024.08 Type: Ancient and Semi-Natural Woodland	A18SE (N)	575	2	308514 189586
438	**Ancient Woodland** Name: Not Supplied Reference: 17946 Area(m²): 3078.19 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	604	2	308855 189225
439	**Ancient Woodland** Name: Not Supplied Reference: 41869 Area(m²): 6217.71 Type: Plantation on Ancient Woodland	A17SE (NW)	634	2	307715 189418
440	**Ancient Woodland** Name: Not Supplied Reference: 17949 Area(m²): 6377.16 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	639	2	308769 189468

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
441	**Ancient Woodland** Name: Not Supplied Reference: 17952 Area(m²): 2687.99 Type: Ancient and Semi-Natural Woodland	A18NE (N)	646	2	308266 189711
442	**Ancient Woodland** Name: Not Supplied Reference: 23034 Area(m²): 25655.41 Type: Restored Ancient Woodland Site	A14NW (E)	646	2	308904 189212
443	**Ancient Woodland** Name: Not Supplied Reference: 8730 Area(m²): 28436.93 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	661	2	308780 189489
444	**Ancient Woodland** Name: Not Supplied Reference: 12203 Area(m²): 2701.28 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	675	2	308712 188357
445	**Ancient Woodland** Name: Not Supplied Reference: 50305 Area(m²): 3406.75 Type: Ancient Woodland Site of Unknown Category	A19NW (NE)	730	2	308671 189676
446	**Ancient Woodland** Name: Not Supplied Reference: 50306 Area(m²): 3198.91 Type: Ancient Woodland Site of Unknown Category	A19NW (NE)	758	2	308609 189744
447	**Ancient Woodland** Name: Not Supplied Reference: 17948 Area(m²): 5309.55 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	760	2	307589 189455
448	**Ancient Woodland** Name: Not Supplied Reference: 8731 Area(m²): 19850.06 Type: Ancient and Semi-Natural Woodland	A19NW (NE)	766	2	308681 189713
449	**Ancient Woodland** Name: Not Supplied Reference: 17953 Area(m²): 11977.97 Type: Ancient and Semi-Natural Woodland	A18NW (N)	775	2	308233 189838
450	**Ancient Woodland** Name: Not Supplied Reference: 8726 Area(m²): 14119.93 Type: Ancient and Semi-Natural Woodland	A8SW (S)	812	2	308151 188071
451	**Ancient Woodland** Name: Not Supplied Reference: 12208 Area(m²): 8356.75 Type: Ancient and Semi-Natural Woodland	A17SW (NW)	829	2	307571 189552
452	**Ancient Woodland** Name: Not Supplied Reference: 50307 Area(m²): 3416.58 Type: Ancient Woodland Site of Unknown Category	A19NW (N)	860	2	308608 189857
453	**Ancient Woodland** Name: Not Supplied Reference: 50306 Area(m²): 480.97 Type: Ancient Woodland Site of Unknown Category	A19NW (NE)	870	2	308678 189835
454	**Ancient Woodland** Name: Not Supplied Reference: 17955 Area(m²): 50838.65 Type: Ancient and Semi-Natural Woodland	A18NE (N)	947	2	308589 189957

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
455	**Ancient Woodland** Name: Not Supplied Reference: 41868 Area(m²): 13328.61 Type: Plantation on Ancient Woodland	A3NE (S)	952	2	308417 187935

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cardiff Council - Pollution Control Division	January 2020	Annual Rolling Update
Natural Resources Wales	November 2023	Annually
Rhondda Cynon Taff County Borough Council - Environmental Services	October 2017	Annual Rolling Update
Caerphilly County Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Merthyr Tydfil County Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Welsh Region	August 2014	Quarterly
Natural Resources Wales	February 2026	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		
Natural Resources Wales	February 2026	Quarterly
Environment Agency - Welsh Region	July 2024	Bi-Annually
Local Authority Integrated Pollution Prevention And Control		
Cardiff Council - Pollution Control Division	March 2016	Variable
Caerphilly County Borough Council - Environmental Health Department	September 2014	Variable
Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	September 2014	Variable
Merthyr Tydfil County Borough Council - Environmental Health Department	September 2016	Variable
Local Authority Pollution Prevention and Controls		
Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	December 2020	Annual Rolling Update
Cardiff Council - Pollution Control Division	March 2016	Annual Rolling Update
Caerphilly County Borough Council - Environmental Health Department	September 2014	Not Applicable
Merthyr Tydfil County Borough Council - Environmental Health Department	September 2016	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	December 2020	Variable
Cardiff Council - Pollution Control Division	March 2016	Variable
Caerphilly County Borough Council - Environmental Health Department	September 2014	Variable
Merthyr Tydfil County Borough Council - Environmental Health Department	September 2016	Variable
Nearest Surface Water Feature		
Ordnance Survey	January 2026	
Pollution Incidents to Controlled Waters		
Environment Agency - Welsh Region	December 1998	
Historical Prosecutions		
Environment Agency, Welsh Region	March 2013	Not Applicable
Natural Resources Wales	March 2013	Not Applicable
Registered Radioactive Substances		
Natural Resources Wales	January 2015	
Environment Agency - Welsh Region	June 2016	
Substantiated Pollution Incident Register		
Natural Resources Wales	February 2026	Quarterly
Environment Agency Wales - South East Area	January 2021	Quarterly
Water Abstractions		
Natural Resources Wales	February 2026	Quarterly
Environment Agency - Welsh Region	January 2026	Quarterly
Water Industry Act Referrals		
Environment Agency - Welsh Region	October 2017	
Natural Resources Wales	October 2022	
Groundwater Vulnerability Map		
Natural Resources Wales	June 2018	As notified

Data Currency

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Natural Resources Wales	January 2018	As notified
Superficial Aquifer Designations Natural Resources Wales	January 2018	As notified
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	June 2025	Quarterly
Flood Defences Natural Resources Wales	November 2019	
OS Water Network Lines Ordnance Survey	January 2026	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
Water Framework Directive - Catchment Natural Resources Wales	July 2025	Annually
Water Framework Directive - Groundwater Natural Resources Wales	July 2025	Annually
Water Framework Directive - Surface Waters Natural Resources Wales	January 2026	Annually

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	March 2023	
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Natural Resources Wales	August 2024	Quarterly
Environment Agency Wales - South East Area	January 2023	Quarterly
Licensed Waste Management Facilities (Locations)		
Natural Resources Wales	February 2026	Quarterly
Environment Agency Wales - South East Area	July 2024	Bi-Annually
Local Authority Landfill Coverage		
Caerphilly County Borough Council - Environmental Health Department	February 2003	Not Applicable
Cardiff Council	February 2003	Not Applicable
Merthyr Tydfil County Borough Council - Environmental Health Department	February 2003	Not Applicable
Rhondda Cynon Taff County Borough Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Caerphilly County Borough Council - Environmental Health Department	October 2018	
Cardiff Council	October 2018	
Merthyr Tydfil County Borough Council - Environmental Health Department	October 2018	
Rhondda Cynon Taff County Borough Council	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
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	June 2025	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Rhondda Cynon Taff County Borough Council - Planning Department	February 2016	Variable
Caerphilly County Borough Council - Planning Department	January 2023	Variable
Merthyr Tydfil County Borough Council - Planning Department	January 2023	Variable
Cardiff Council - Regulatory Services	July 2023	Variable
Planning Hazardous Substance Consents		
Rhondda Cynon Taff County Borough Council - Planning Department	August 2022	Variable
Caerphilly County Borough Council - Planning Department	July 2022	Variable
Cardiff Council - Regulatory Services	July 2022	Variable
Merthyr Tydfil County Borough Council - Planning Department	October 2022	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	April 2025	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	February 2023	
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	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	December 2025	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	February 2026	Quarterly
Points of Interest - Commercial Services PointX	March 2026	Quarterly
Points of Interest - Education and Health PointX	March 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2026	Quarterly
Points of Interest - Public Infrastructure PointX	March 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2026	Quarterly
Underground Electrical Cables National Grid	January 2024	

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural Resources Wales	September 2025	Bi-Annually
Areas of Adopted Green Belt		
Caerphilly County Borough Council	March 2026	Quarterly
Cardiff Council	March 2026	Quarterly
Merthyr Tydfil County Borough Council	March 2026	Quarterly
Rhondda Cynon Taff County Borough Council	March 2026	Quarterly
Areas of Unadopted Green Belt		
Caerphilly County Borough Council	March 2026	Quarterly
Cardiff Council	March 2026	Quarterly
Merthyr Tydfil County Borough Council	March 2026	Quarterly
Rhondda Cynon Taff County Borough Council	March 2026	Quarterly
Areas of Outstanding Natural Beauty		
Natural Resources Wales	November 2025	Bi-Annually
Environmentally Sensitive Areas		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Caerphilly County Borough Council	January 2026	Bi-Annually
Cardiff Council	January 2026	Bi-Annually
Merthyr Tydfil County Borough Council	January 2026	Bi-Annually
Rhondda Cynon Taff County Borough Council	January 2026	Bi-Annually
Marine Nature Reserves		
Natural Resources Wales	February 2026	Bi-Annually
National Nature Reserves		
Natural Resources Wales	January 2026	Bi-Annually
National Parks		
Natural Resources Wales	October 2025	Annually
Nitrate Vulnerable Zones		
The National Assembly for Wales - GI Services (Department of Planning & Countryside)	April 2016	
Natural Resources Wales	February 2026	Annually
Ramsar Sites		
Natural Resources Wales	February 2026	Bi-Annually
Sites of Special Scientific Interest		
Natural Resources Wales	November 2025	Bi-Annually
Special Areas of Conservation		
Natural Resources Wales	January 2026	Bi-Annually
Special Protection Areas		
Natural Resources Wales	November 2025	Bi-Annually

Data Suppliers

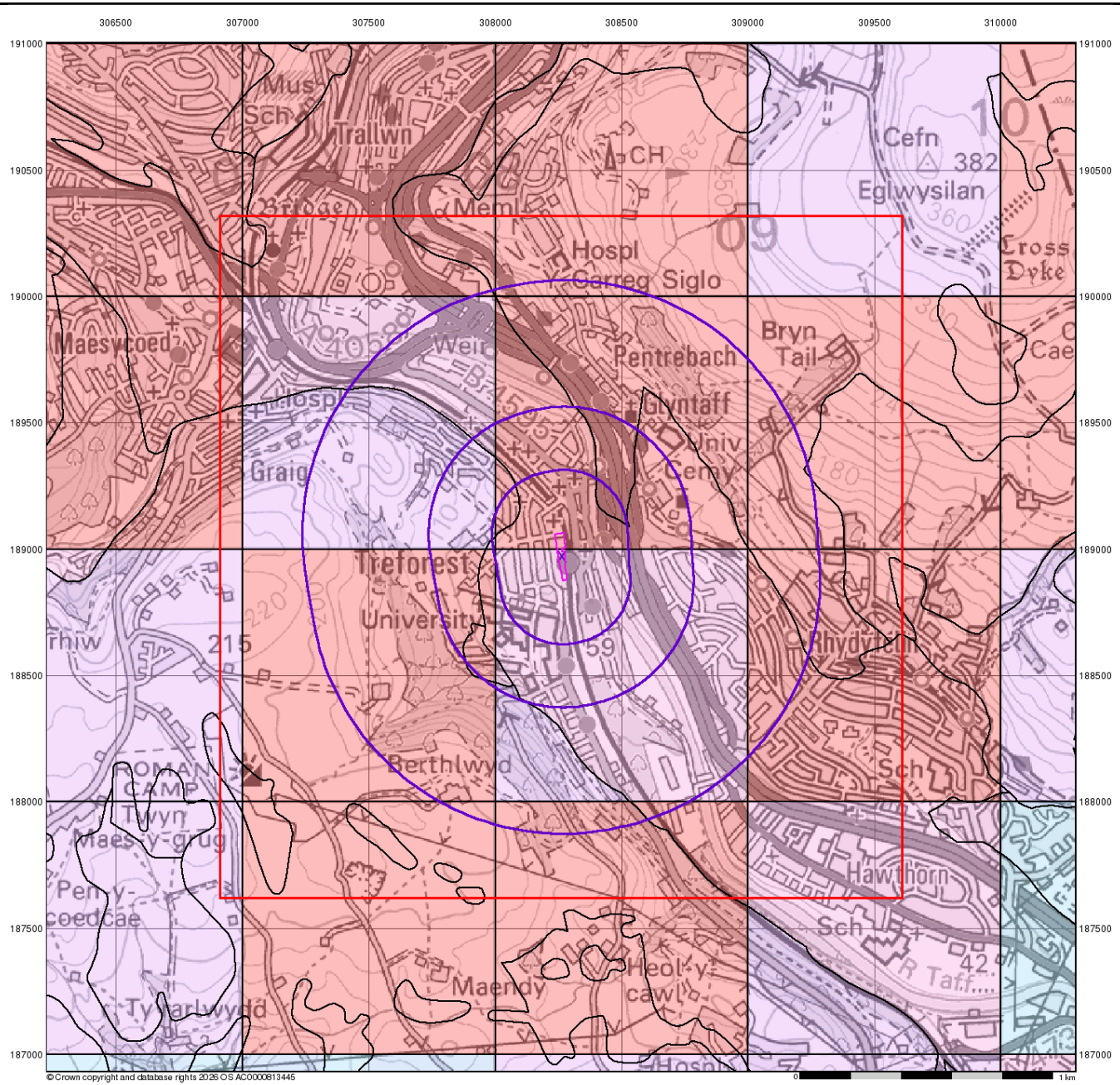
A selection of organisations who provide data within this report

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

Useful Contacts

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	**Rhondda Cynon Taff County Borough Council - Public Health and Protection Division** Community Services, RCT Borough Council, Dinas Esaf Estate, Williamstown, RCT, CF40 1NY	Telephone: 01443 442100 Website: www.rhondda-cynon-taff.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.co.uk
6	**Rhondda Cynon Taff County Borough Council** Headquarters - The Pavillions, Cambrian Park, Clydach Vale, Rhondda, CF40 2XX	Telephone: 01443 424000 Fax: 01443 424024 Website: www.rhondda-cynon-taff.gov.uk
7	**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
8	**PointX** 5-6 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** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.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

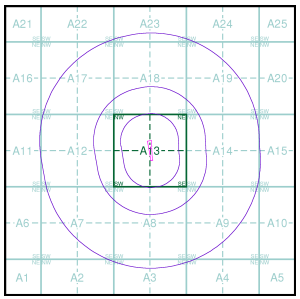
Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

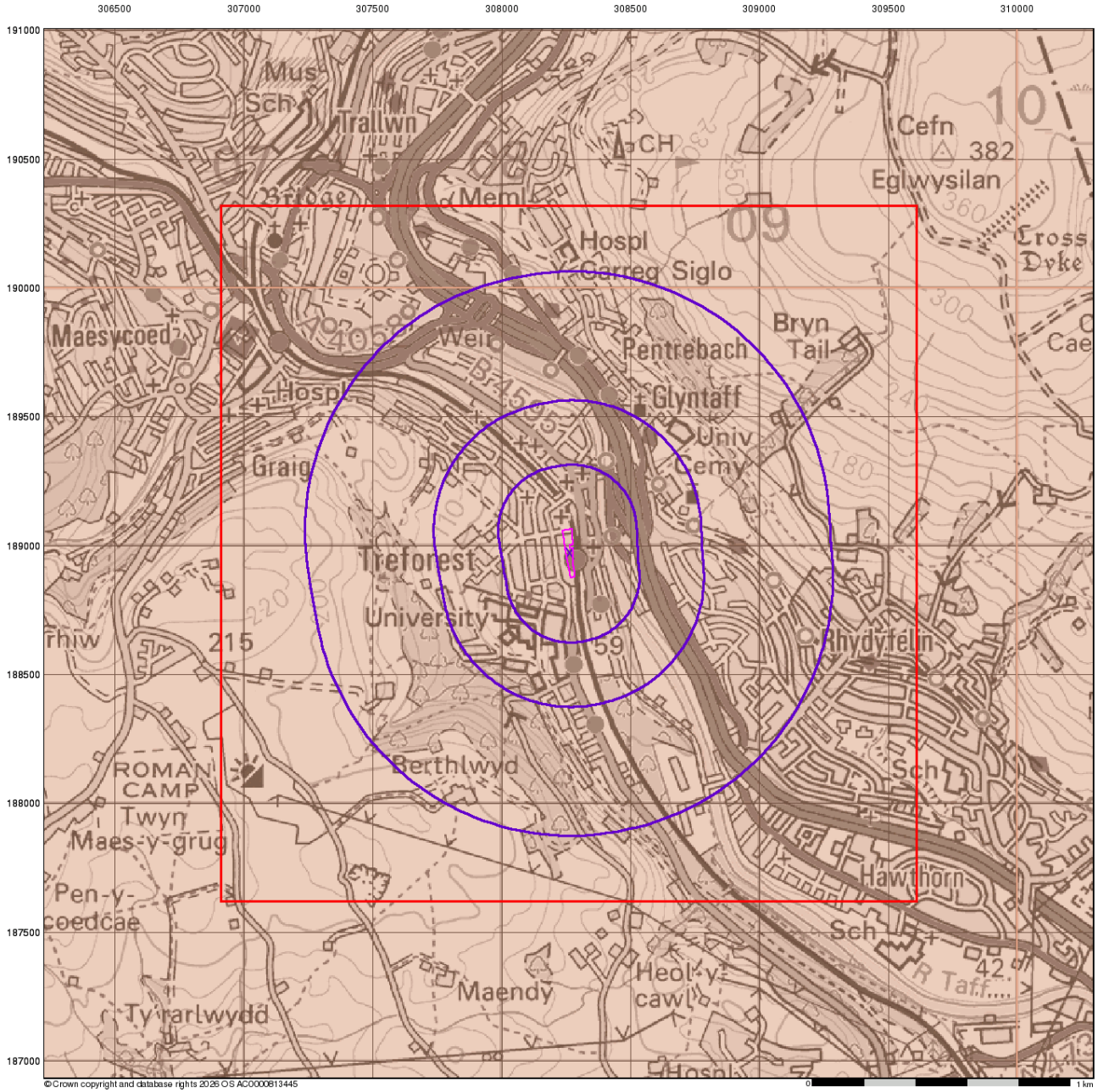
Order Number:	398146309_1_1
Customer Ref:	14581
National Grid Reference:	308270, 188970
Slice:	A
Site Area (Ha):	0.48
Search Buffer (m):	1000

Site Details

The Sidings, Treforest, CF37 1SL

Landmark INFORMATION GROUP

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



Intégral Géotechnique

Bedrock Aquifer Designation

General

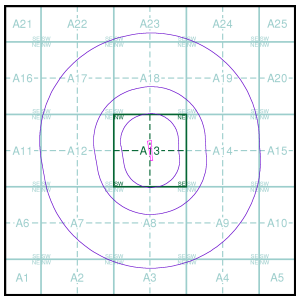
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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

Order Number:	398146309_1_1
Customer Ref:	14581
National Grid Reference:	308270, 188970
Slice:	A
Site Area (Ha):	0.48
Search Buffer (m):	1000

Site Details

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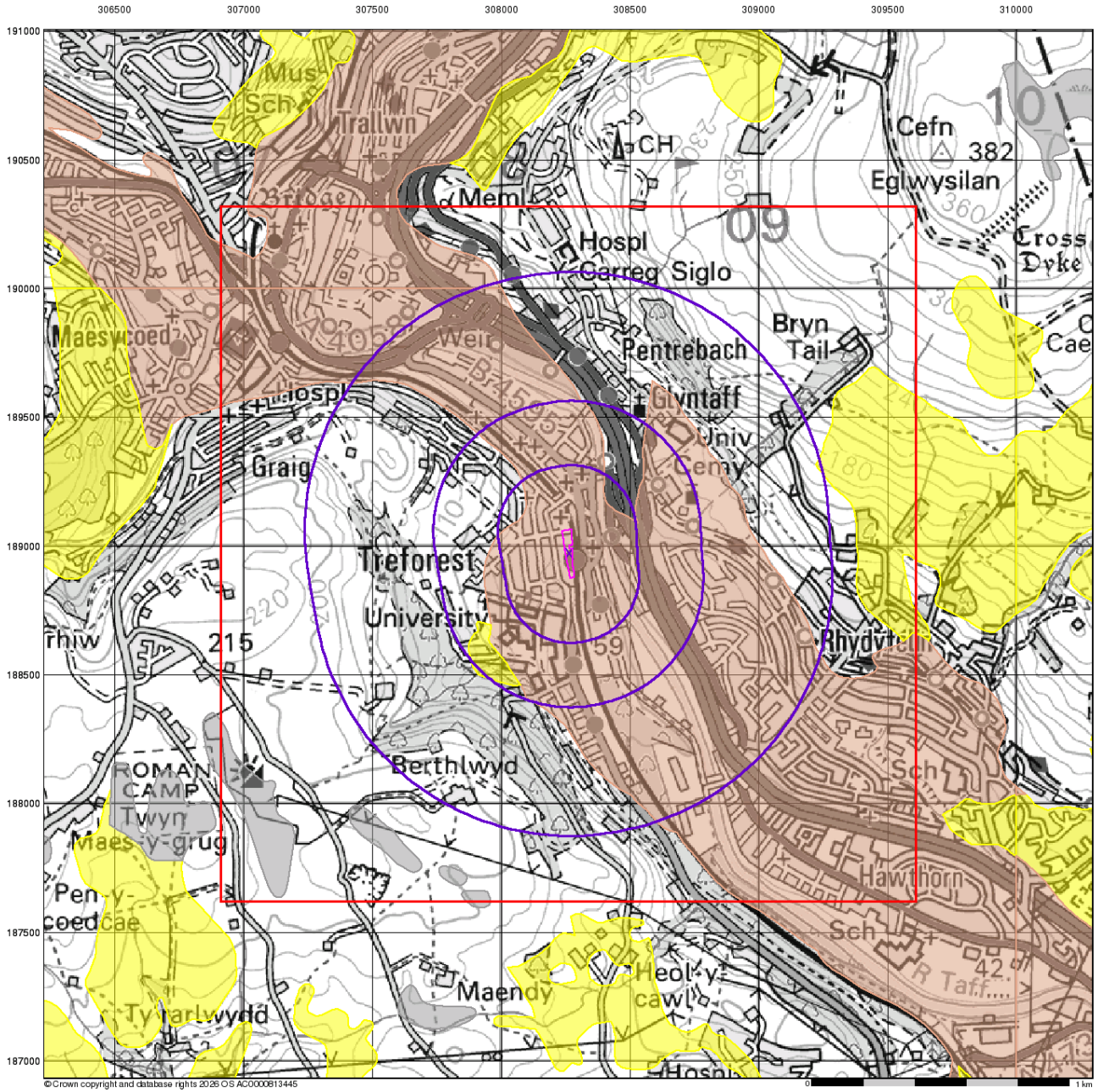


Intégral Géotechnique

Superficial Aquifer Designation

General

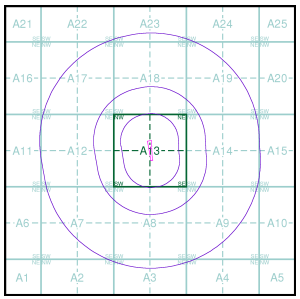
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

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



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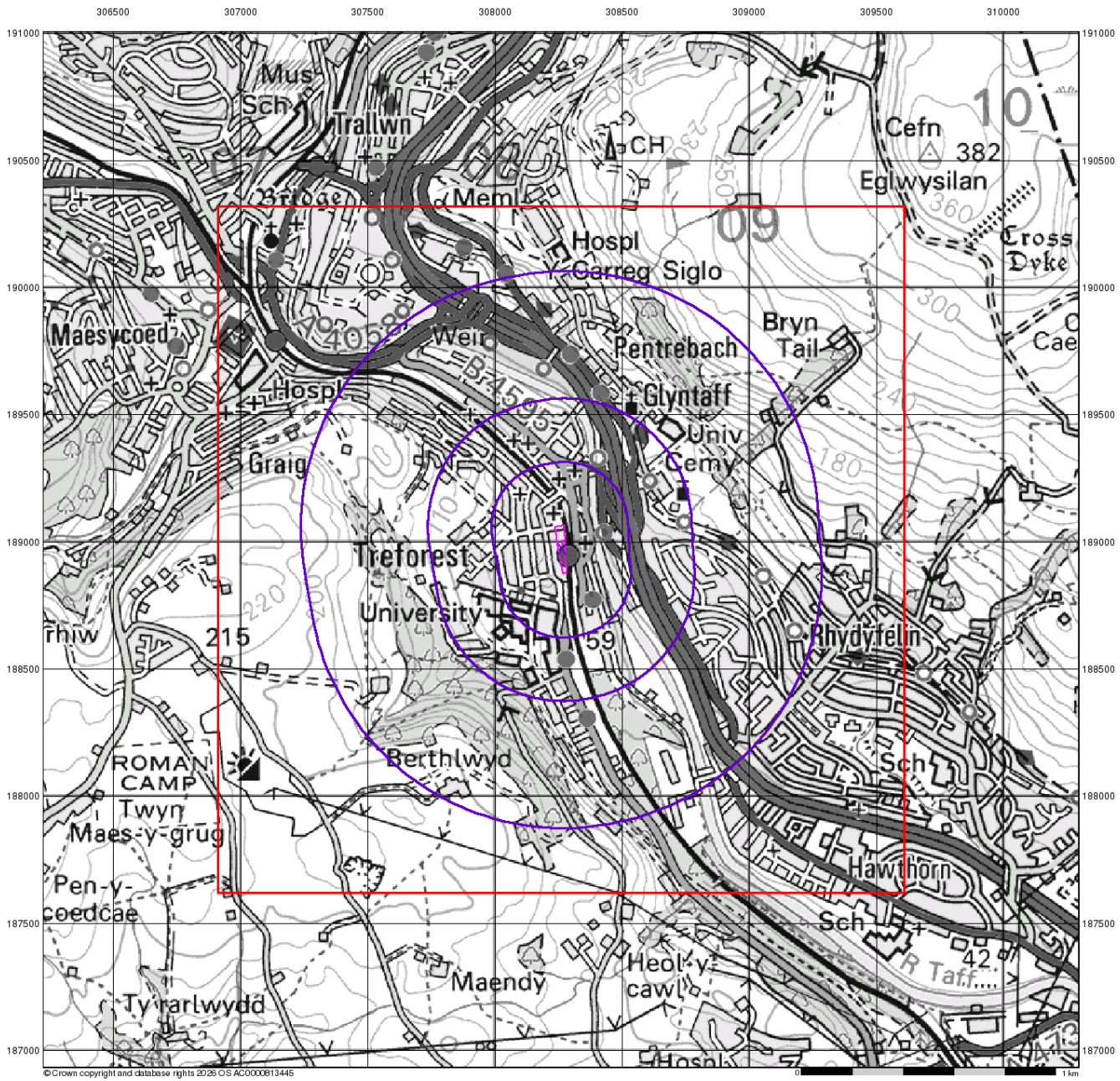


Intégral
Géotechnique

Source Protection Zones

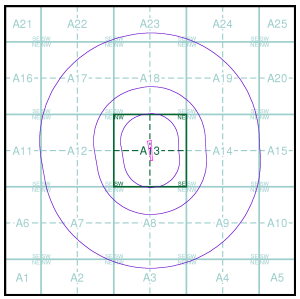
General

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



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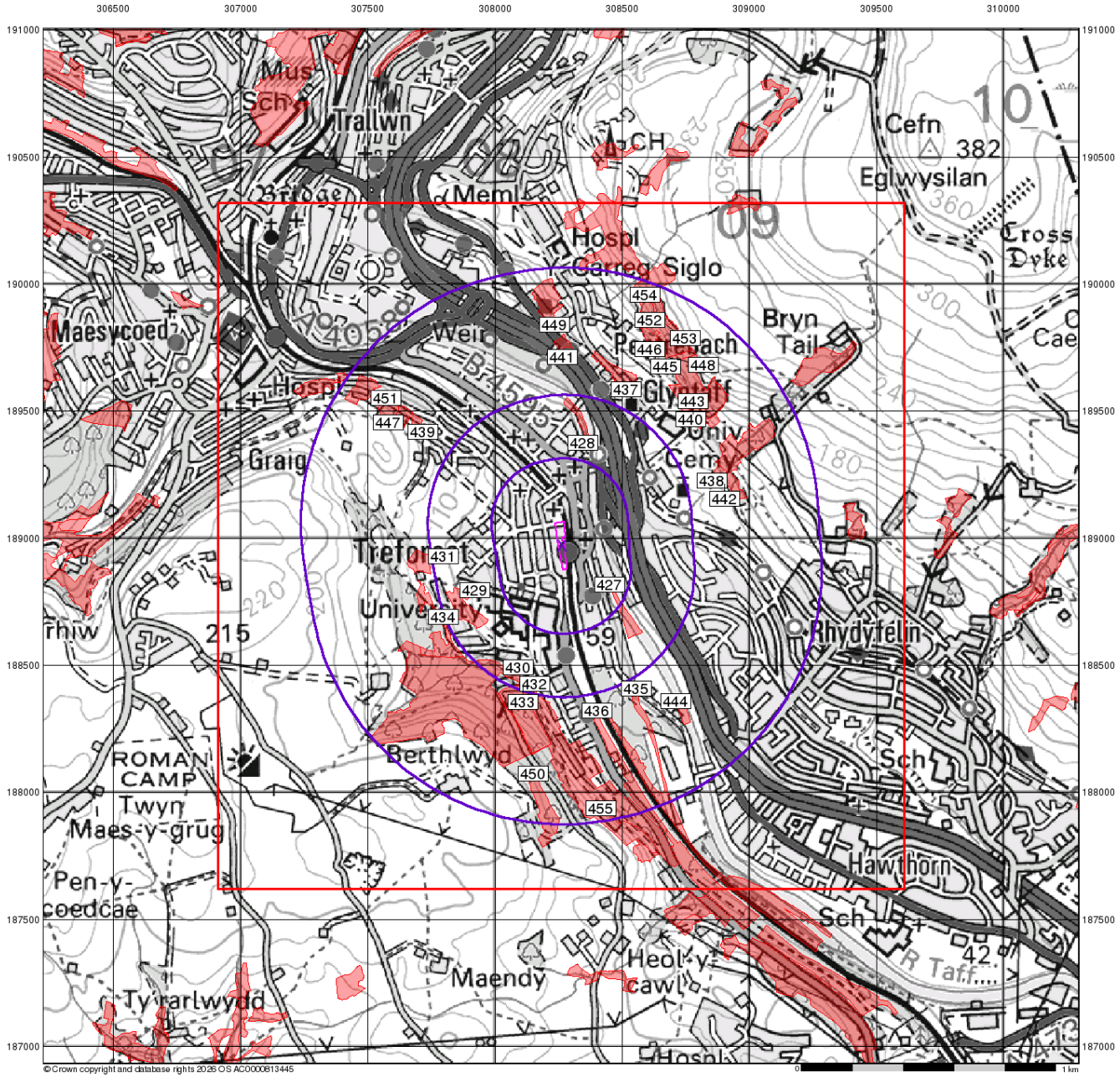


Intégral Géotechnique

Sensitive Land Uses

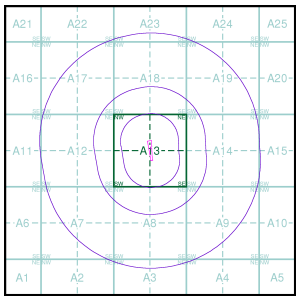
General

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



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National Grid Reference:	308270, 188970
Slice:	A
Site Area (Ha):	0.48
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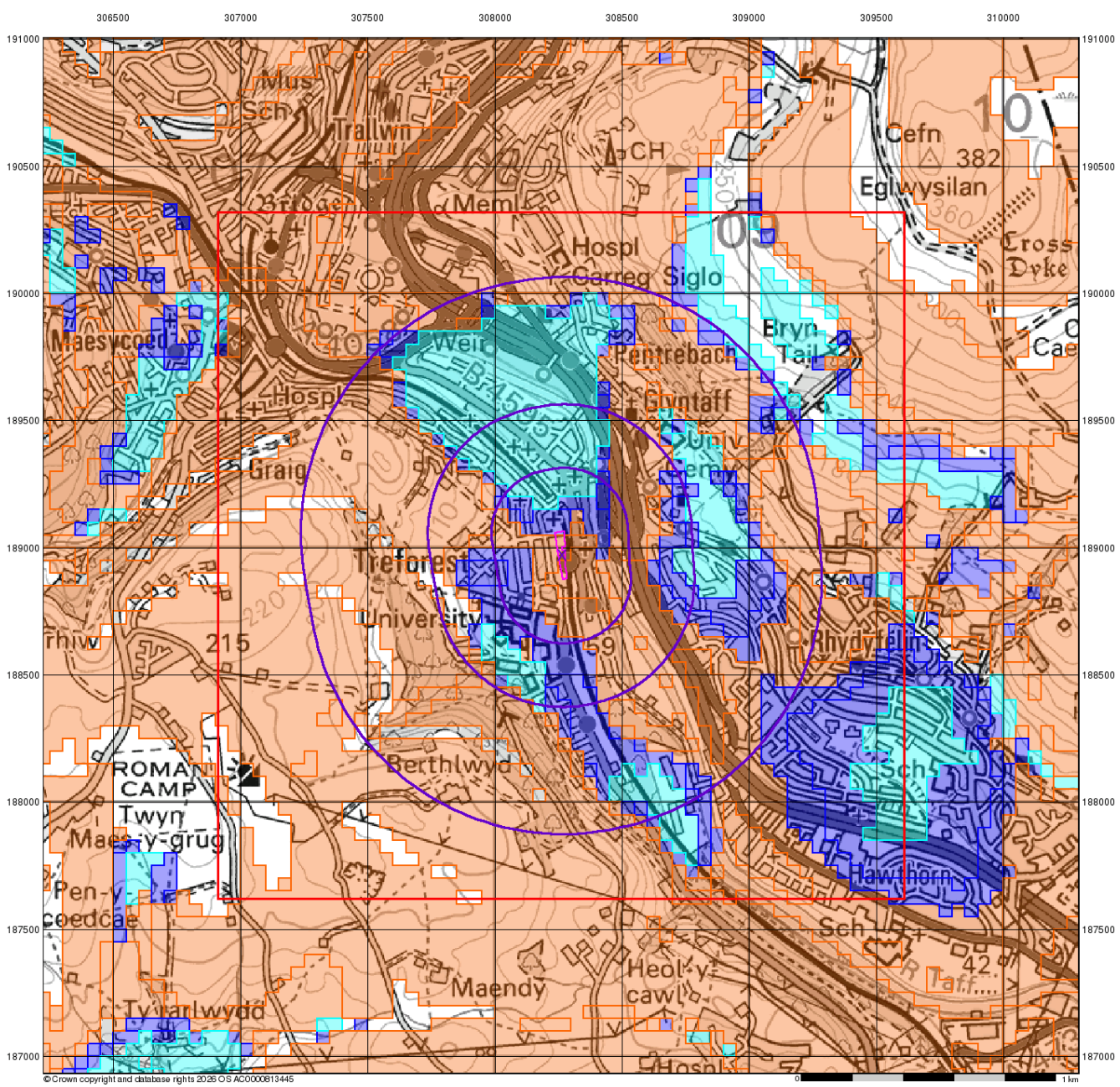


Intégral Géotechnique

BGS Flood GFS Data

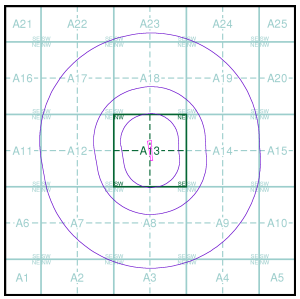
General

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



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Slice:	A
Site Area (Ha):	0.48
Search Buffer (m):	1000

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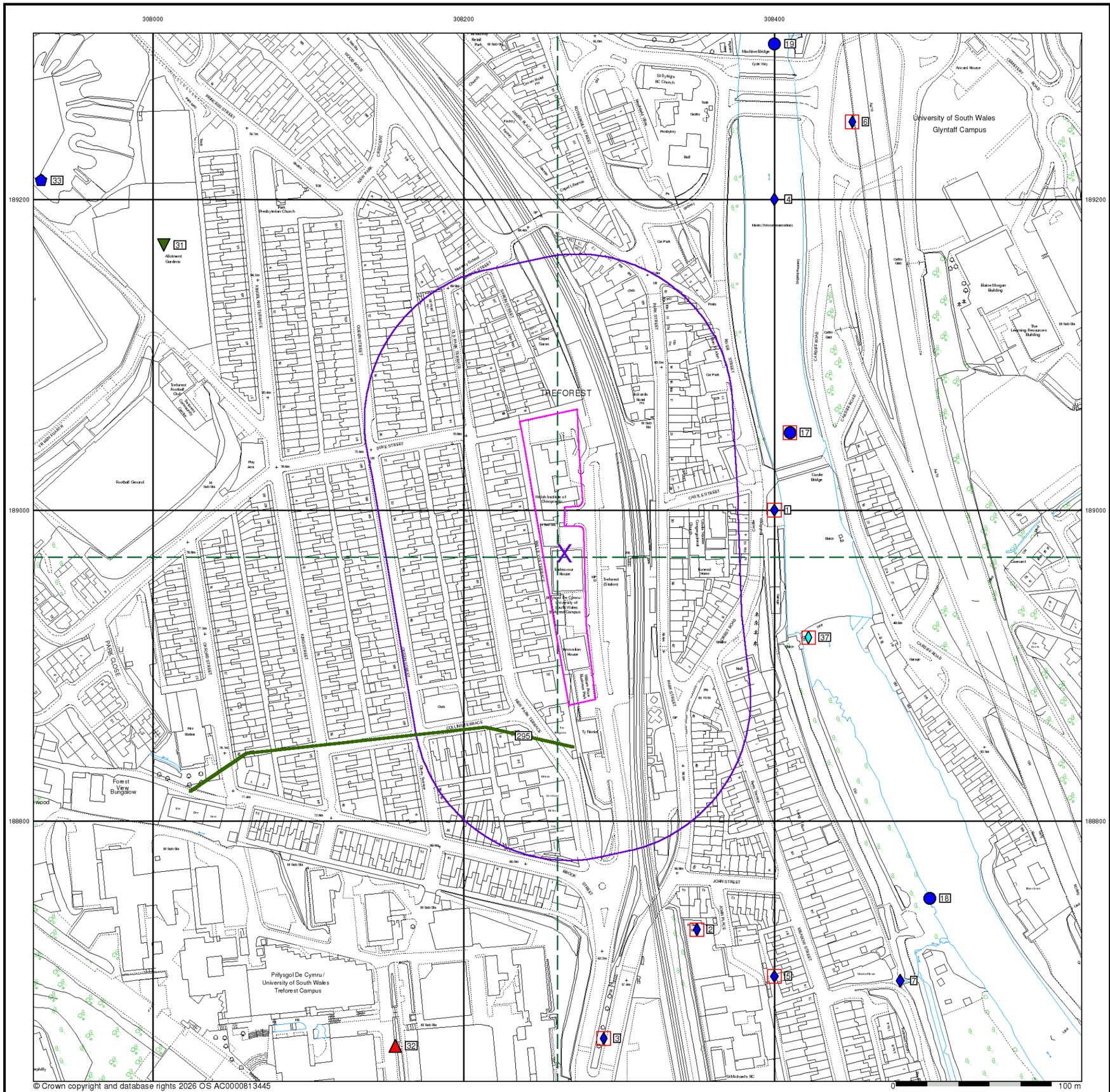

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Intégral Géotechnique

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type 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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

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

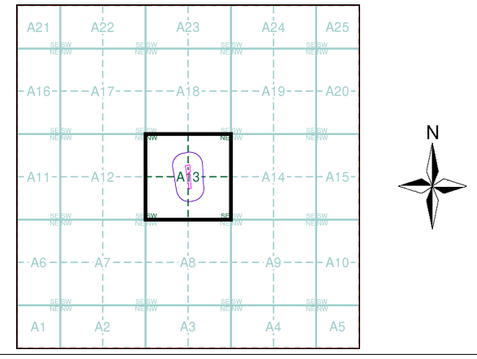
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

Order Number:	398146309_1_1
Customer Ref:	14581
National Grid Reference:	308270, 188970
Slice:	A
Site Area (Ha):	0.48
Plot Buffer (m):	100

Site Details

The Sidings, Treforest, CF37 1SL

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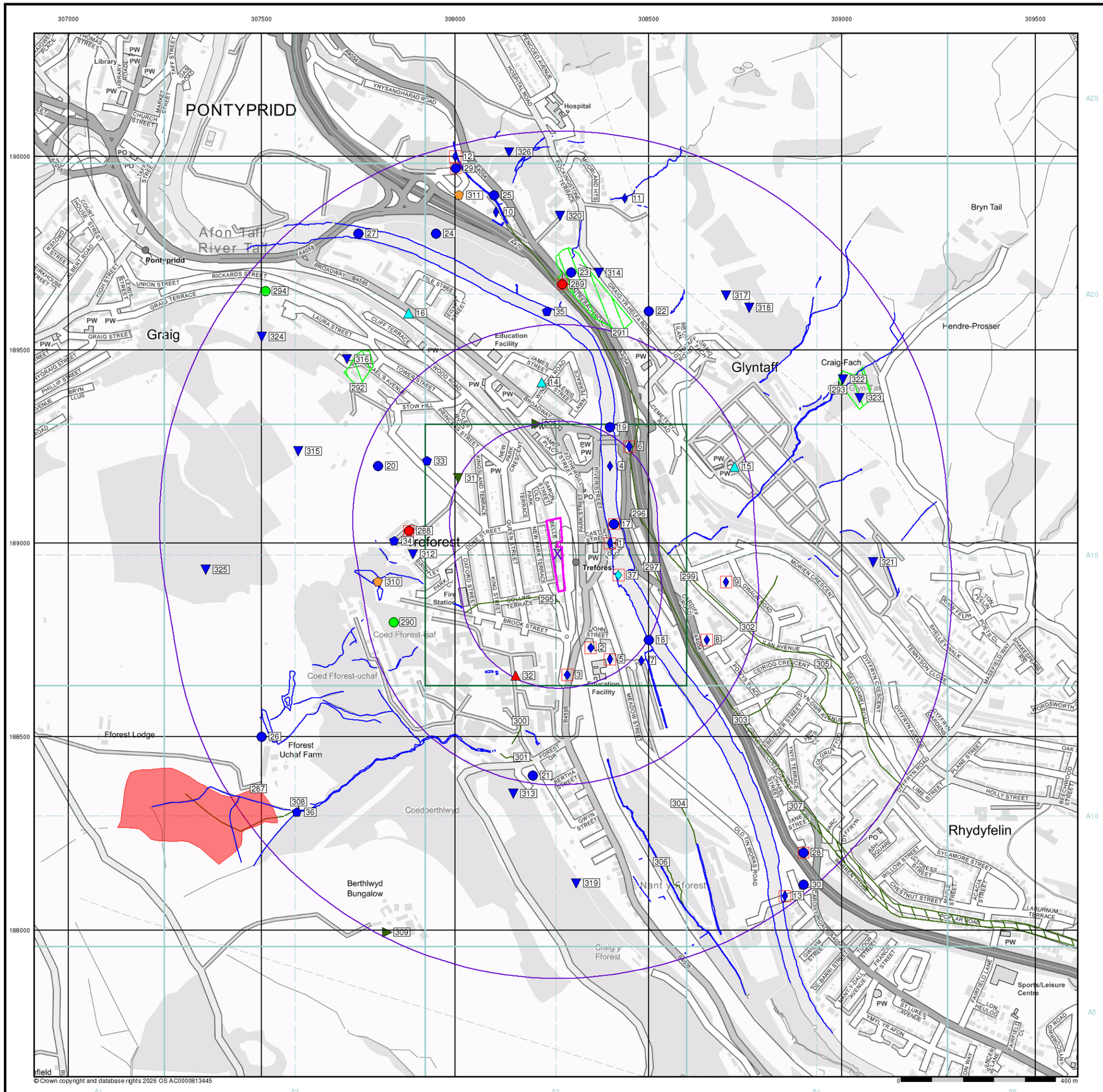


Intégral Géotechnique

General

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

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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

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

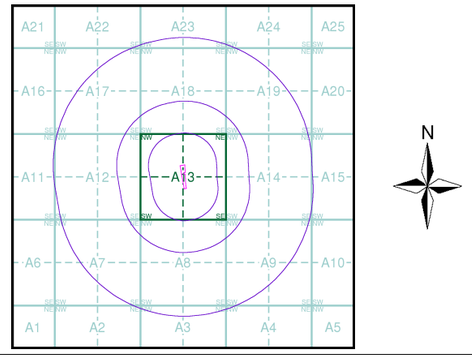
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details

Order Number:	398146309_1_1
Customer Ref:	14581
National Grid Reference:	308270, 188970
Slice:	A
Site Area (Ha):	0.48
Search Buffer (m):	1000

Site Details

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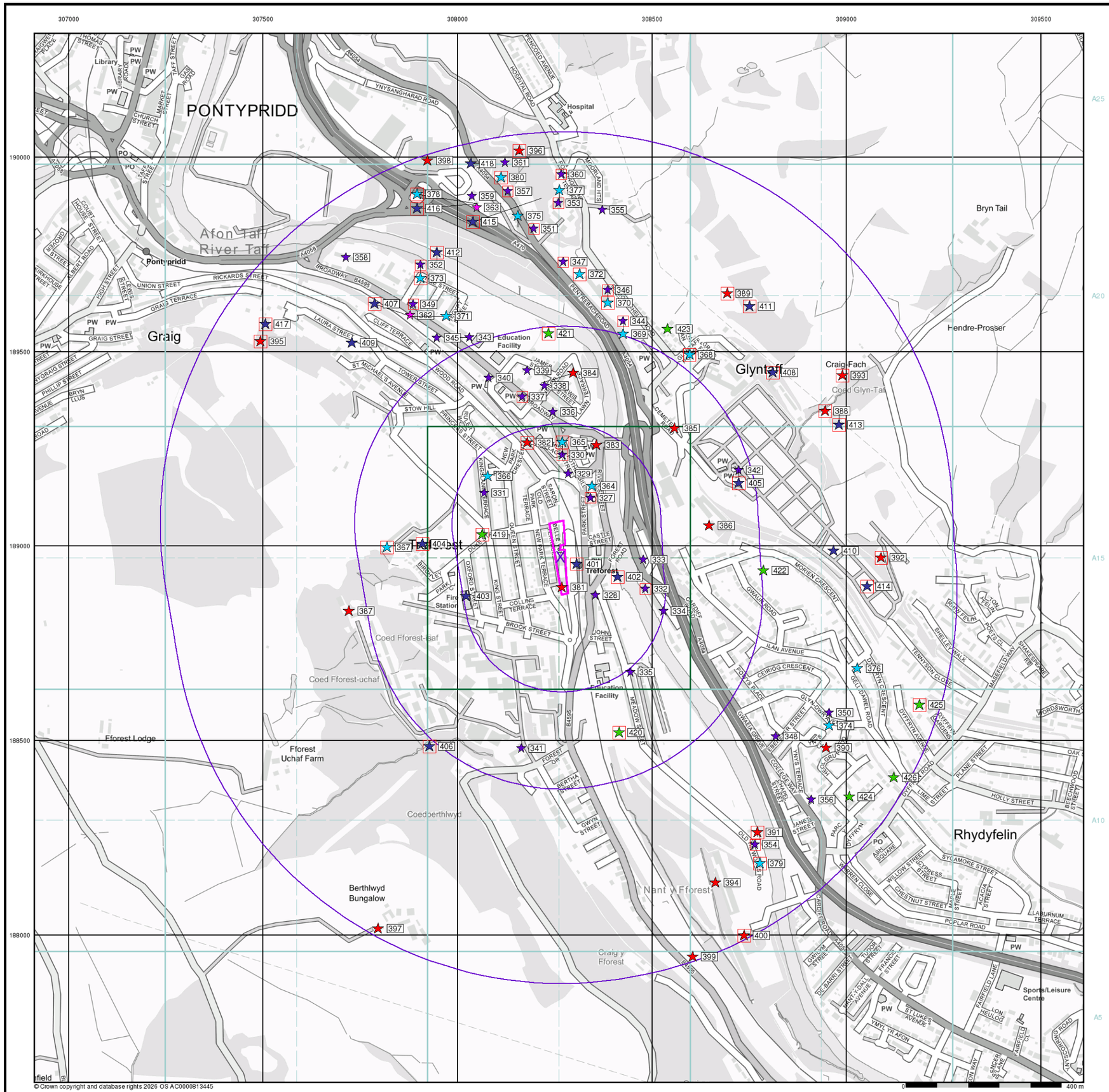


Intégral Géotechnique

Industrial Land Use Map

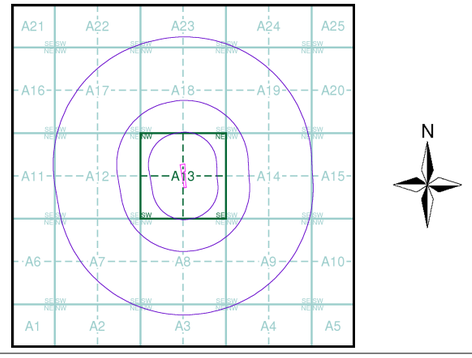
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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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Slice:	A
Site Area (Ha):	0.48
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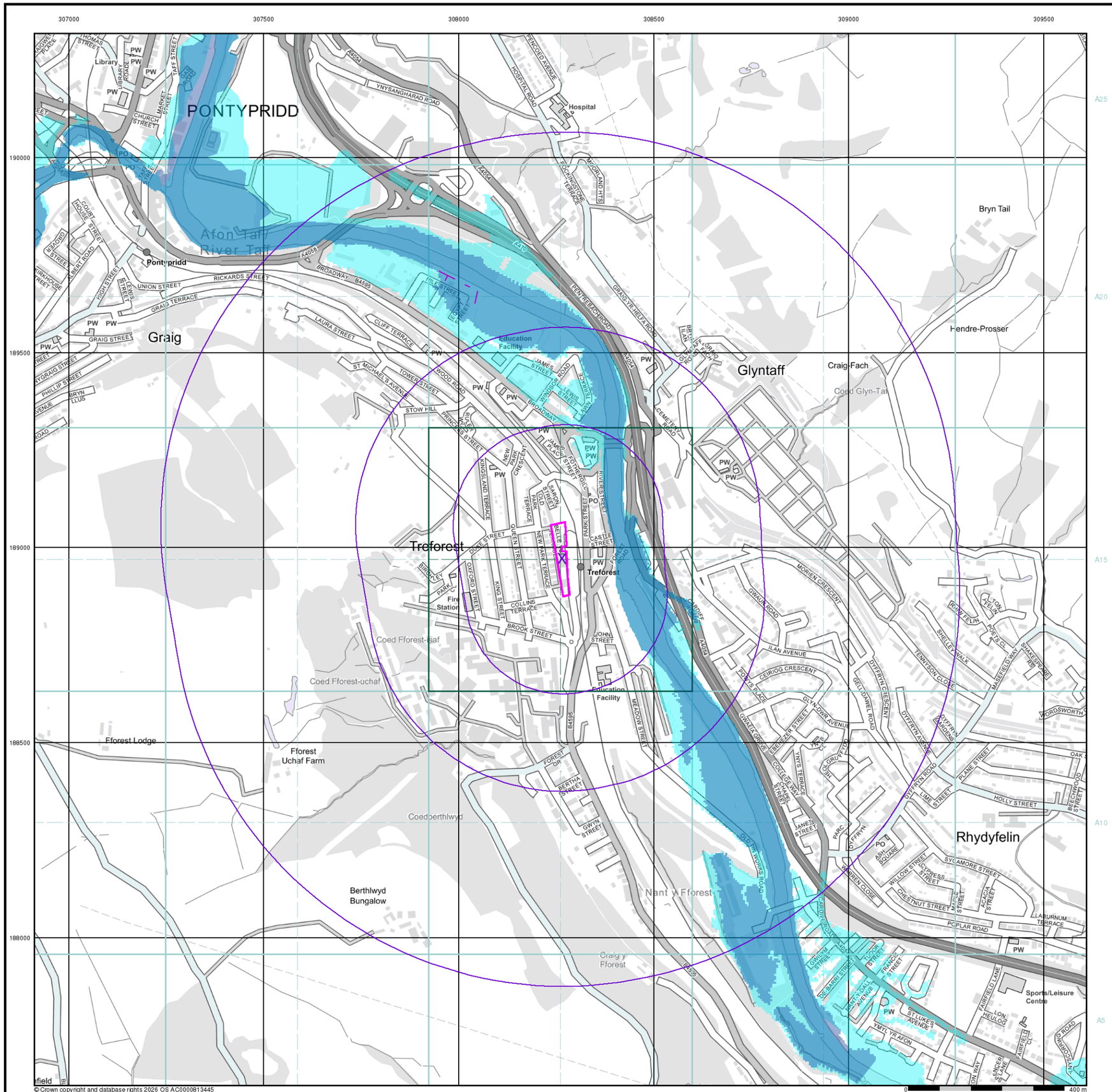

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Intégral Géotechnique

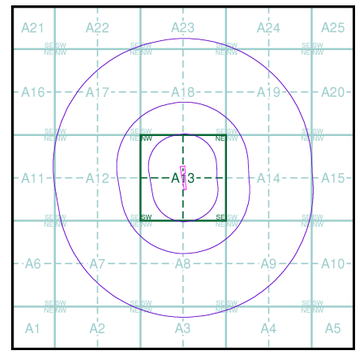
General

- 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



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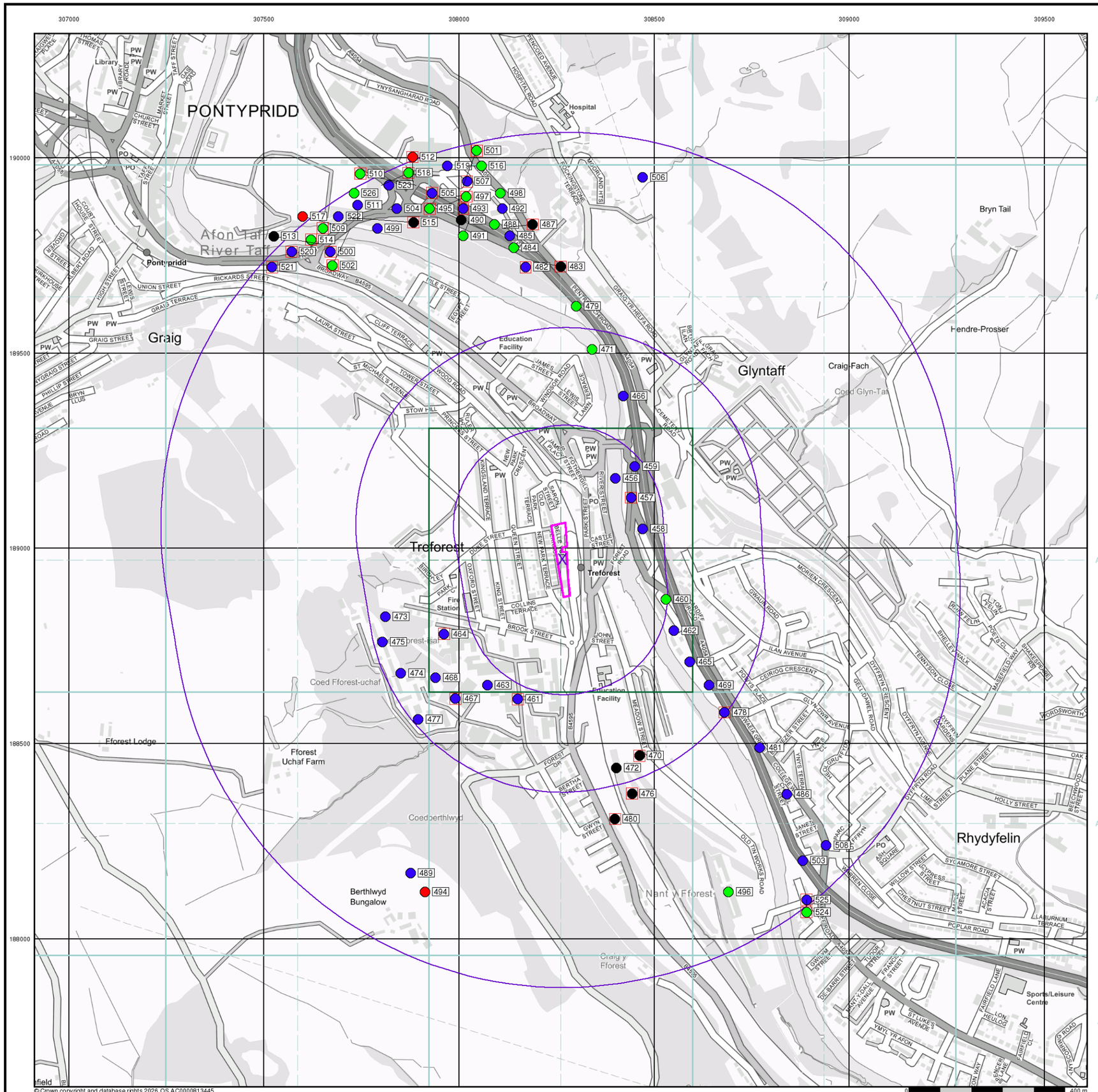

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Intégral Géotechnique

General

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

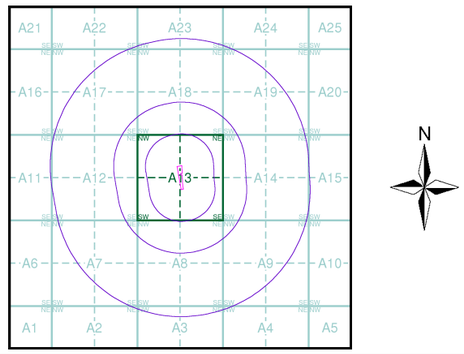
Agency and Hydrological (Boreholes)

- 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



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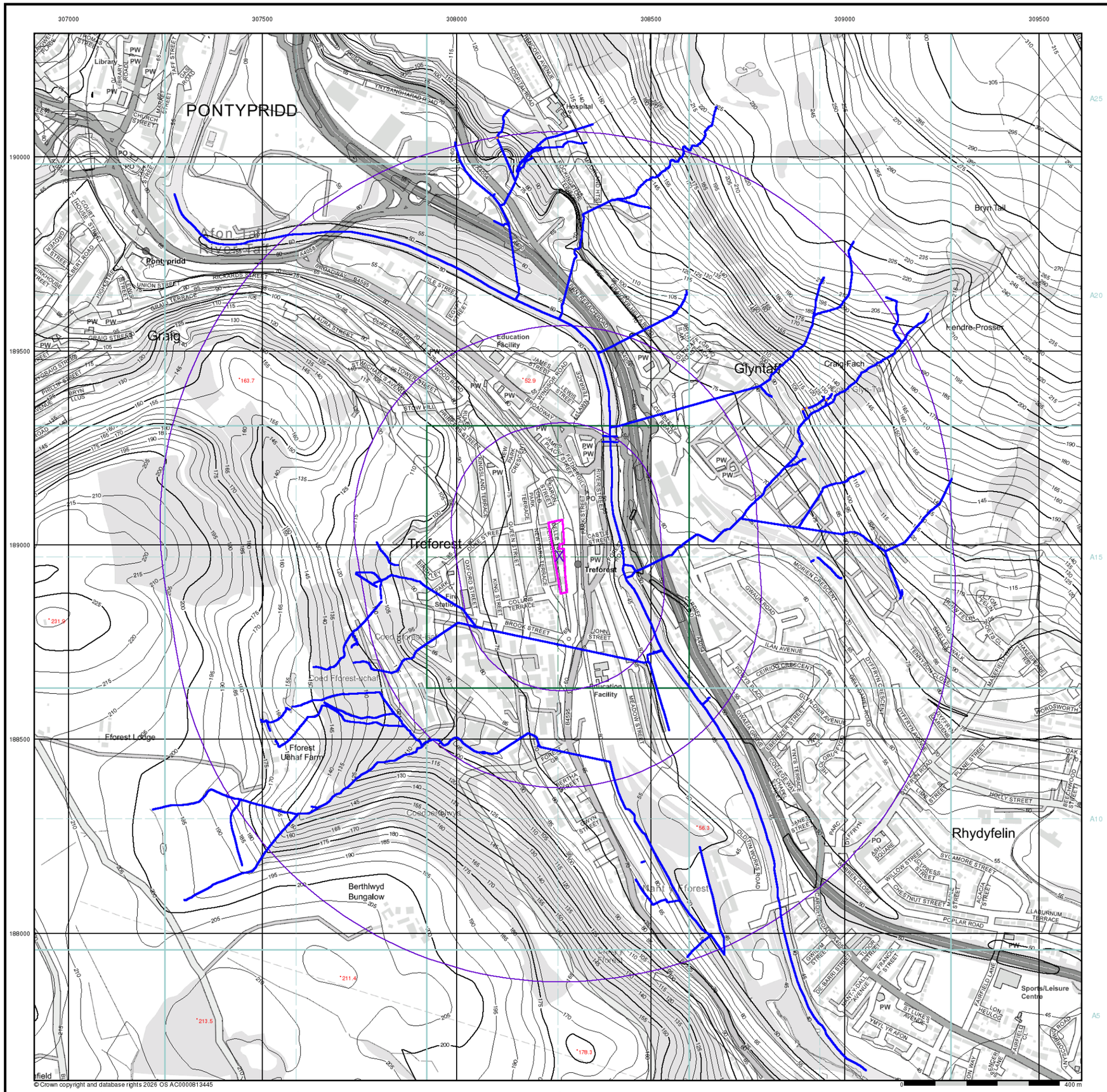

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Intégral Géotechnique

General

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

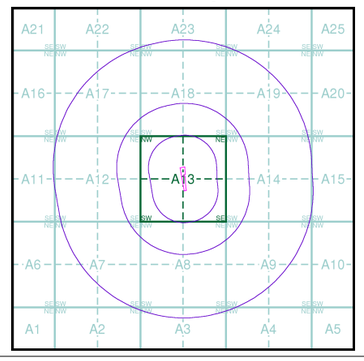
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



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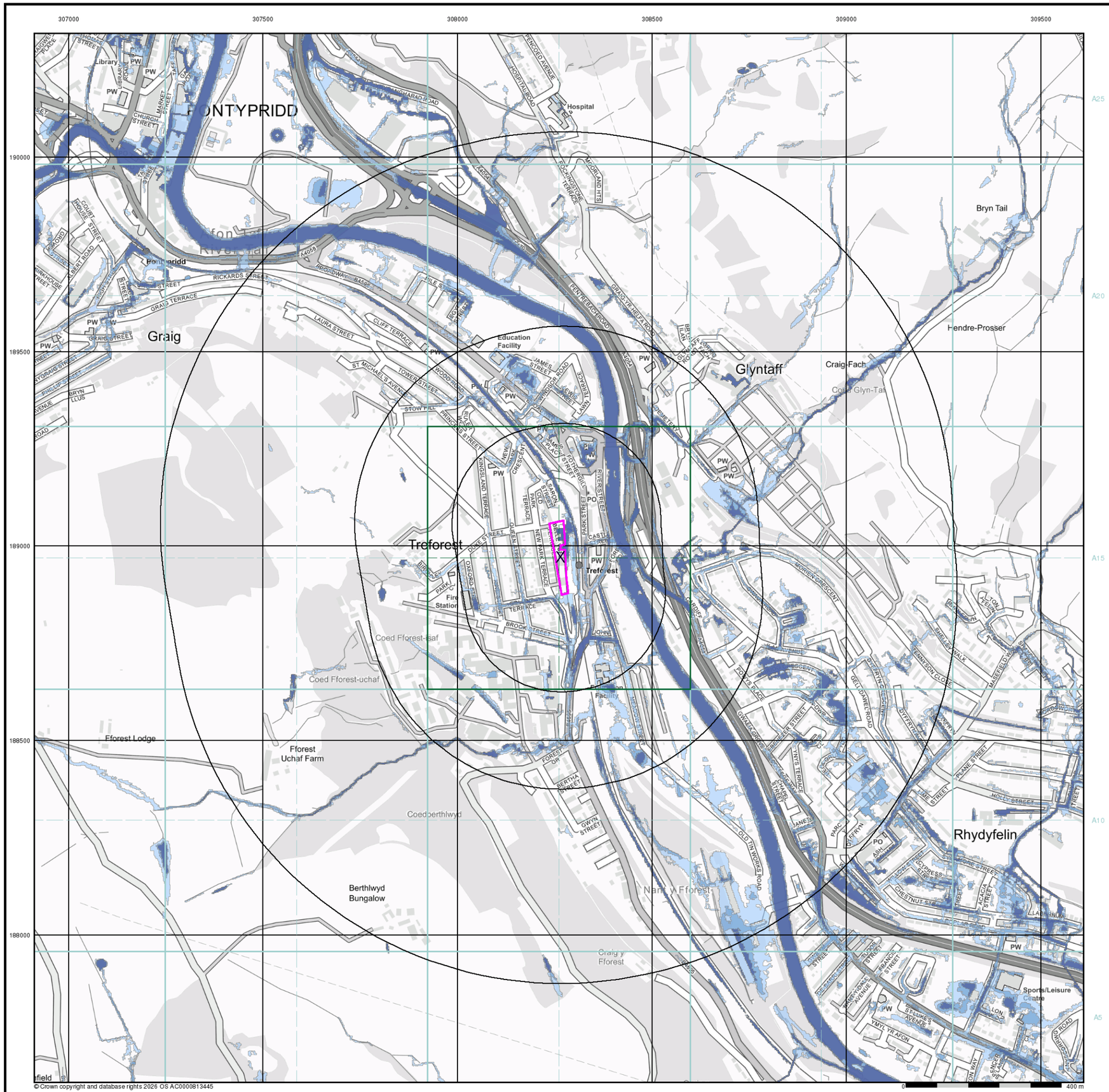

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Intégral Géotechnique

General

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

Risk of Flooding from Surface Water

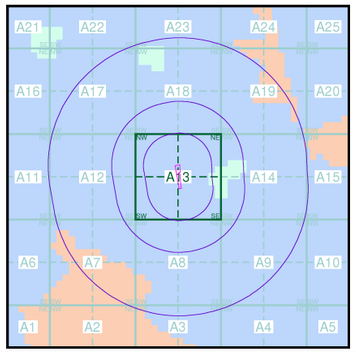
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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



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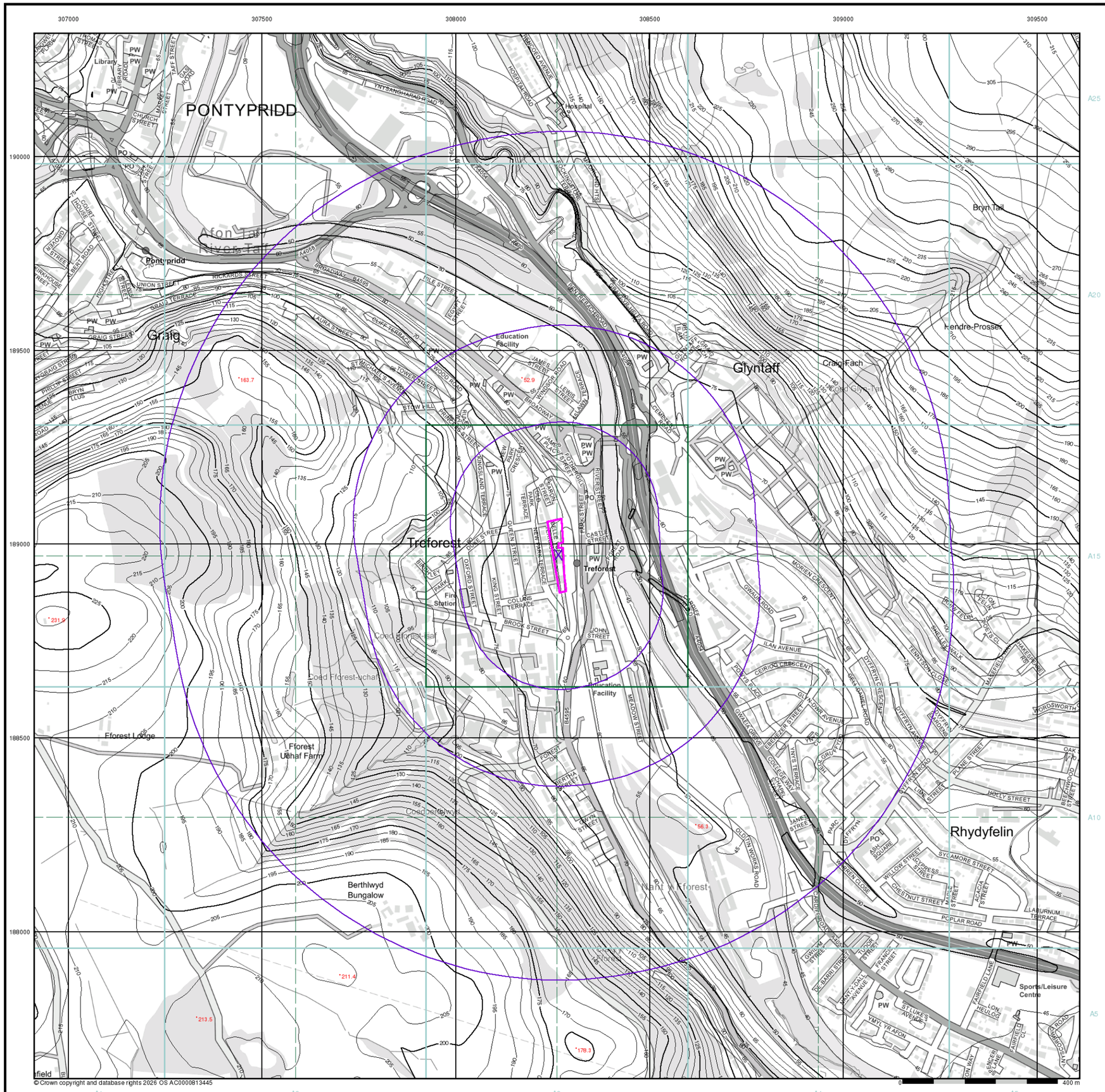

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Intégral Géotechnique

WFD Surface Waters Map

General

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

Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

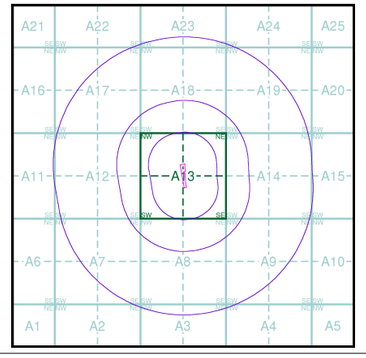
Contours (height in meters)

Standard Contour 105 | Master Contour 100 95 | Spot Height 167.3

MLW Mean Low Water

MHW Mean High Water

WFD Surface Waters Map - Slice A



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Slice:	A
Site Area (Ha):	0.48
Search Buffer (m):	1000

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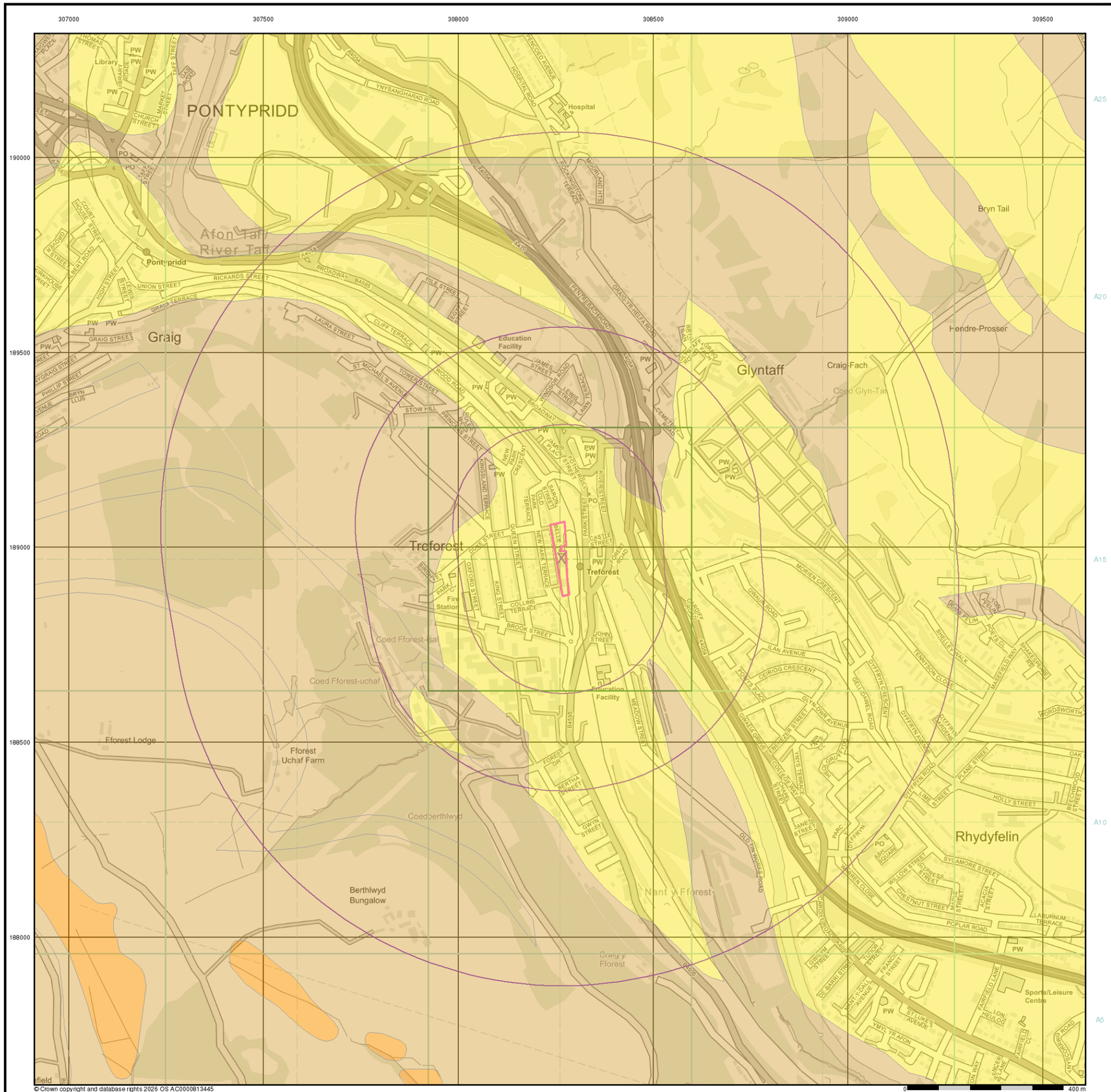


Intégral Géotechnique

General

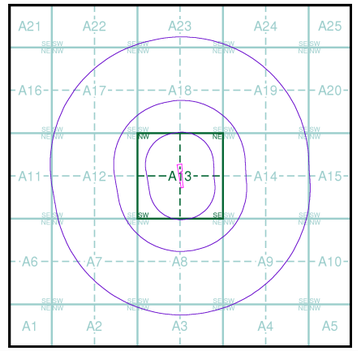
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



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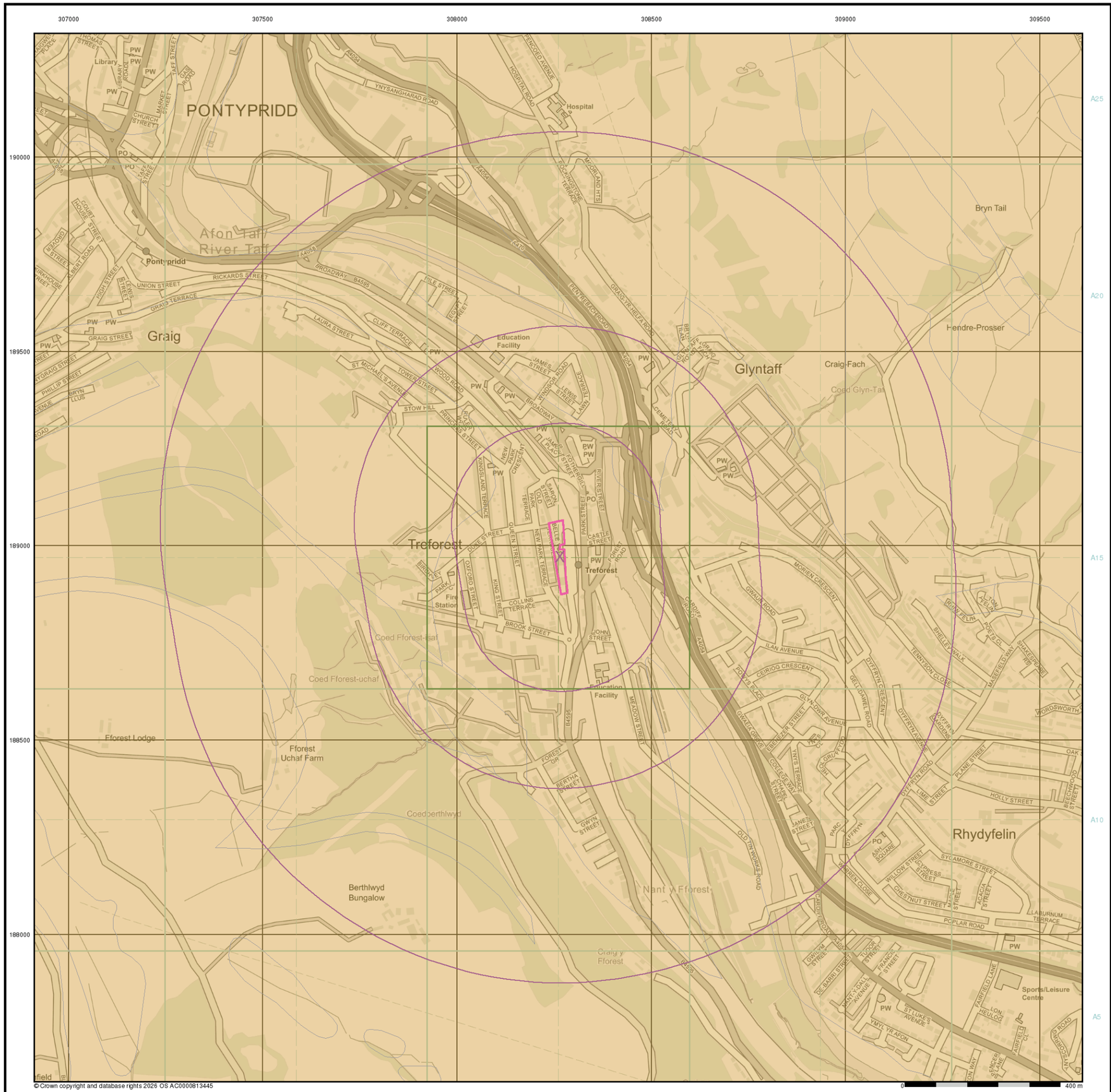
Slice:	A
Site Area (Ha):	0.48
Search Buffer (m):	1000

Site Details

The Sidings, Treforest, CF37 1SL

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



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Intégral Géotechnique

General

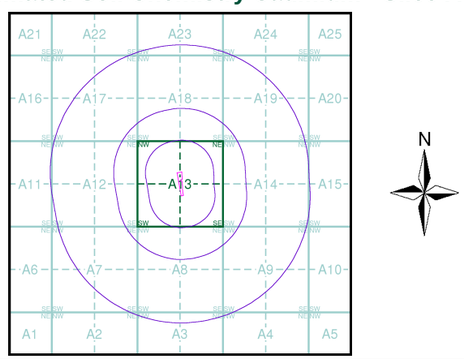
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



Order Details

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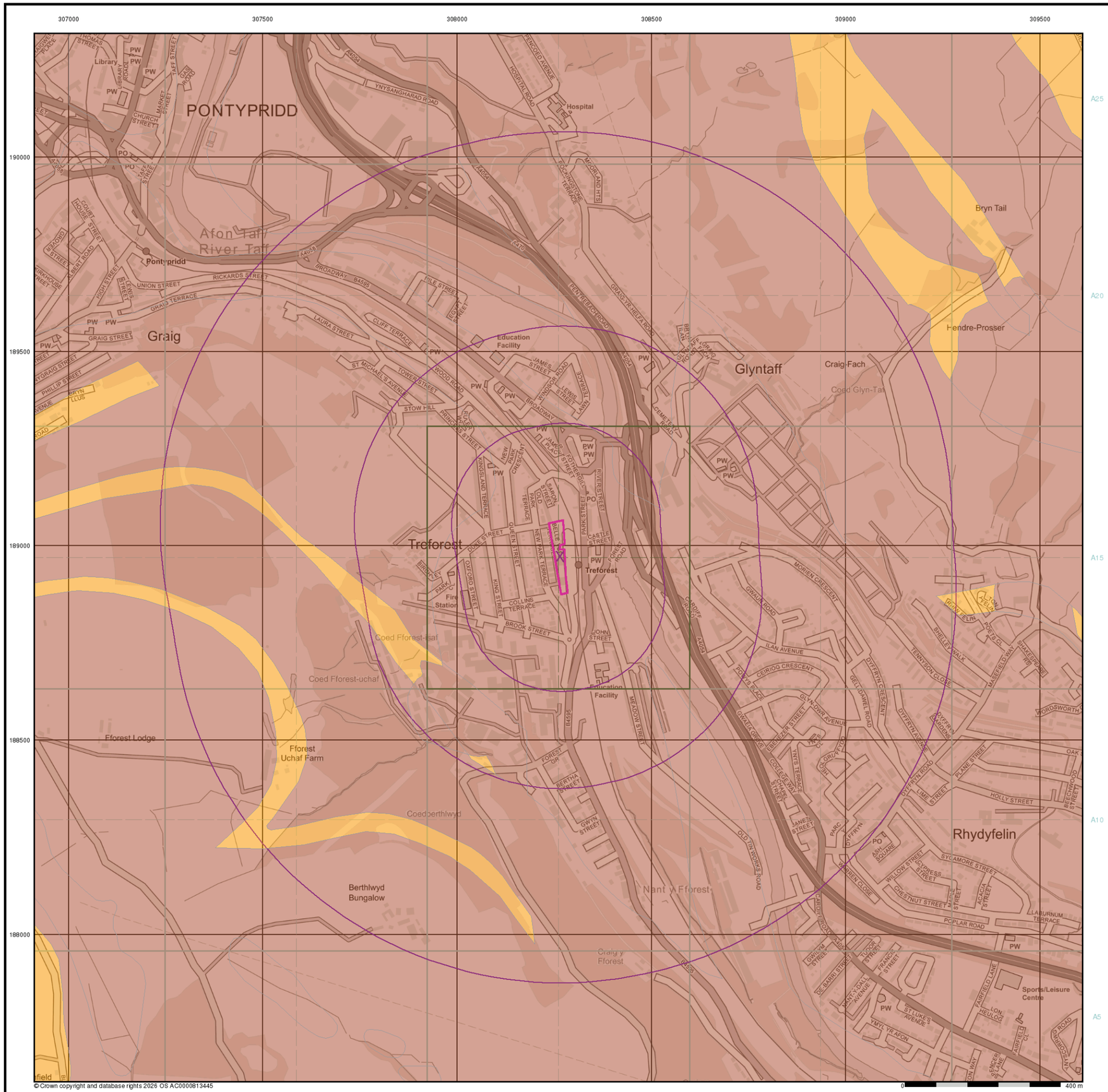


Intégral Géotechnique

General

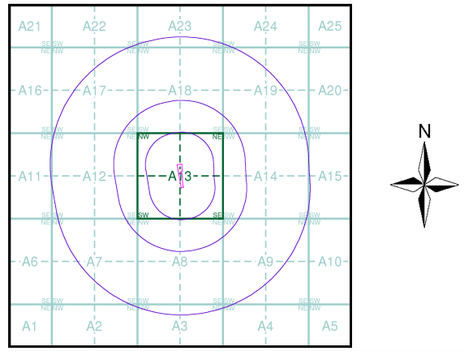
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



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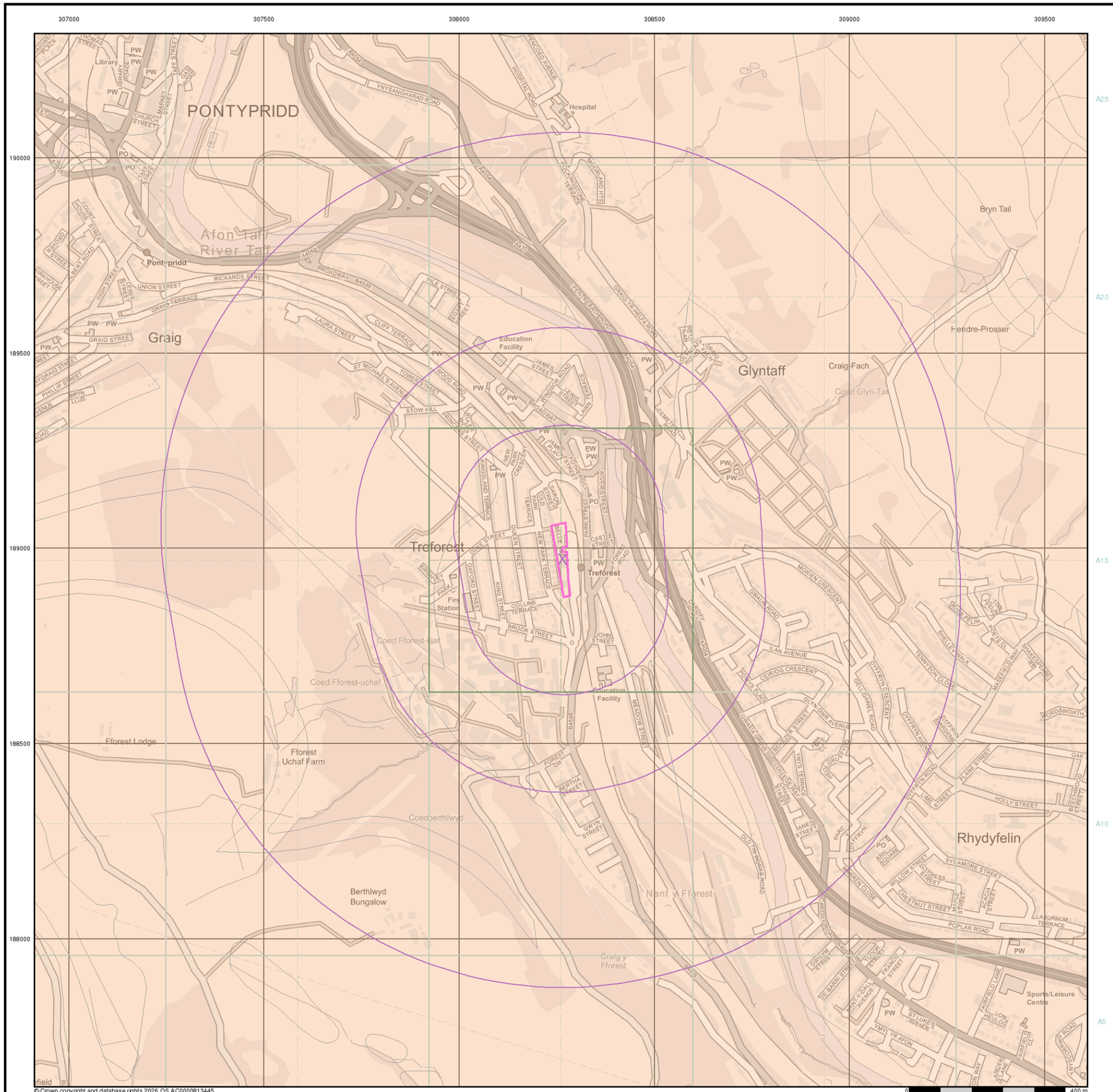

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Intégral Géotechnique

General

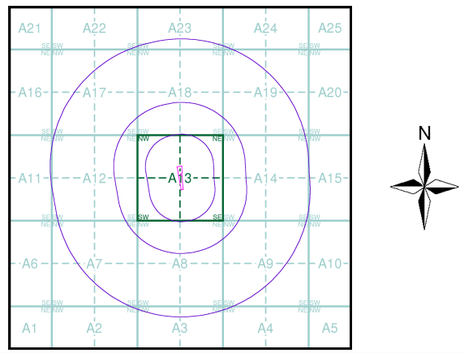
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



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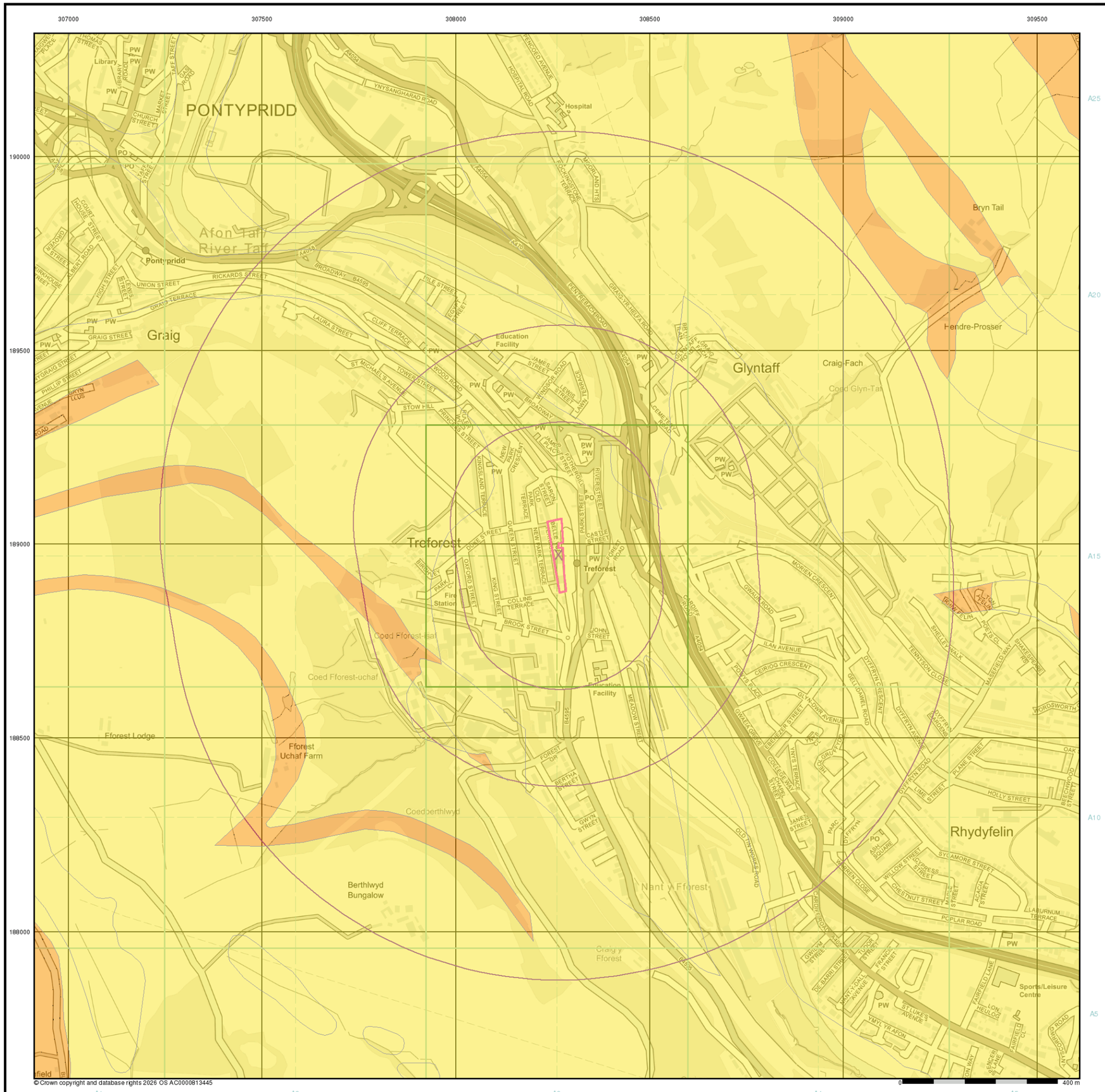


Intégral Géotechnique

General

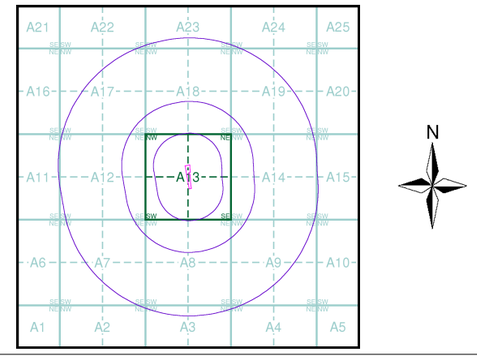
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Sandstone	Not Supplied - Quaternary
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	PEAT	Peat	Peat	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
	BD	Brithdir Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	H	Hughes Member	Sandstone	Not Supplied - Westphalian
	H	Hughes Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWUCM	South Wales Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		

Intégral Géotechnique

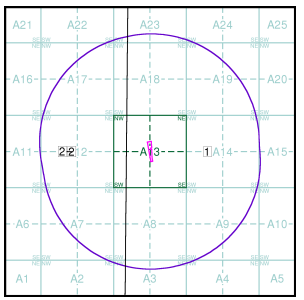
Geology 1:50,000 Maps

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 ID:**	**2**
Map Sheet No:	**249**	**Map Sheet No:**	**248**
Map Name:	**Newport**	**Map Name:**	**Pontypridd**
Map Date:	**1969**	**Map Date:**	**1960**
Bedrock Geology:	**Available**	**Bedrock Geology:**	**Available**
Superficial Geology:	**Available**	**Superficial Geology:**	**Available**
Artificial Geology:	**Available**	**Artificial Geology:**	**Not Available**
Faults:	**Not Supplied**	**Faults:**	**Not Supplied**
Landslip:	**Available**	**Landslip:**	**Available**
Rock Segments:	**Not Supplied**	**Rock Segments:**	**Not Supplied**

Geology 1:50,000 Maps - Slice A



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Site Details:

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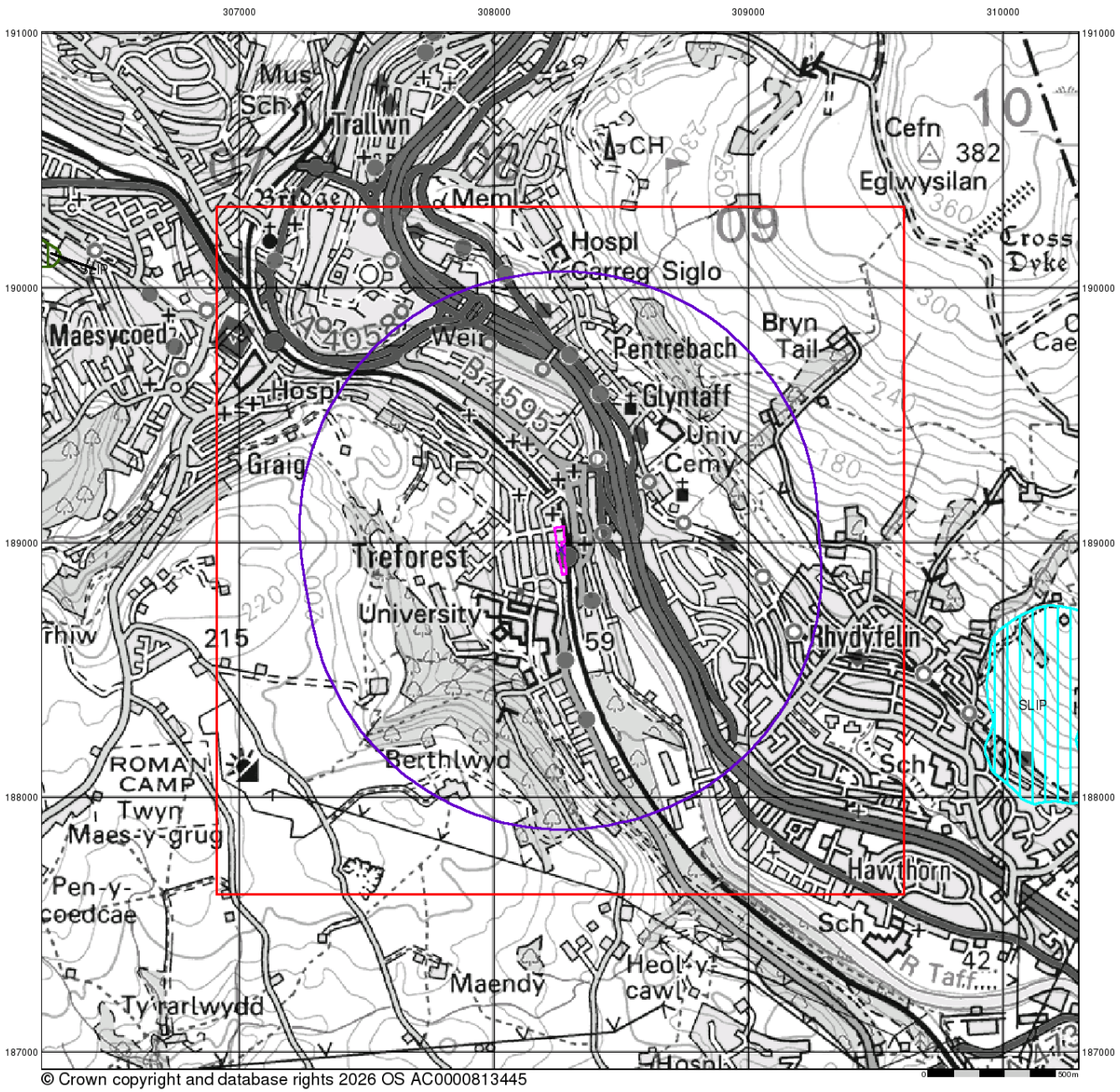

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Intégral
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Artificial Ground and Landslip

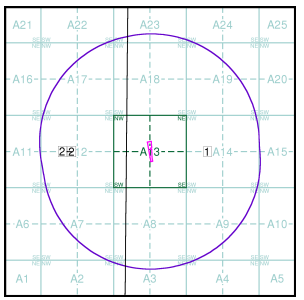
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



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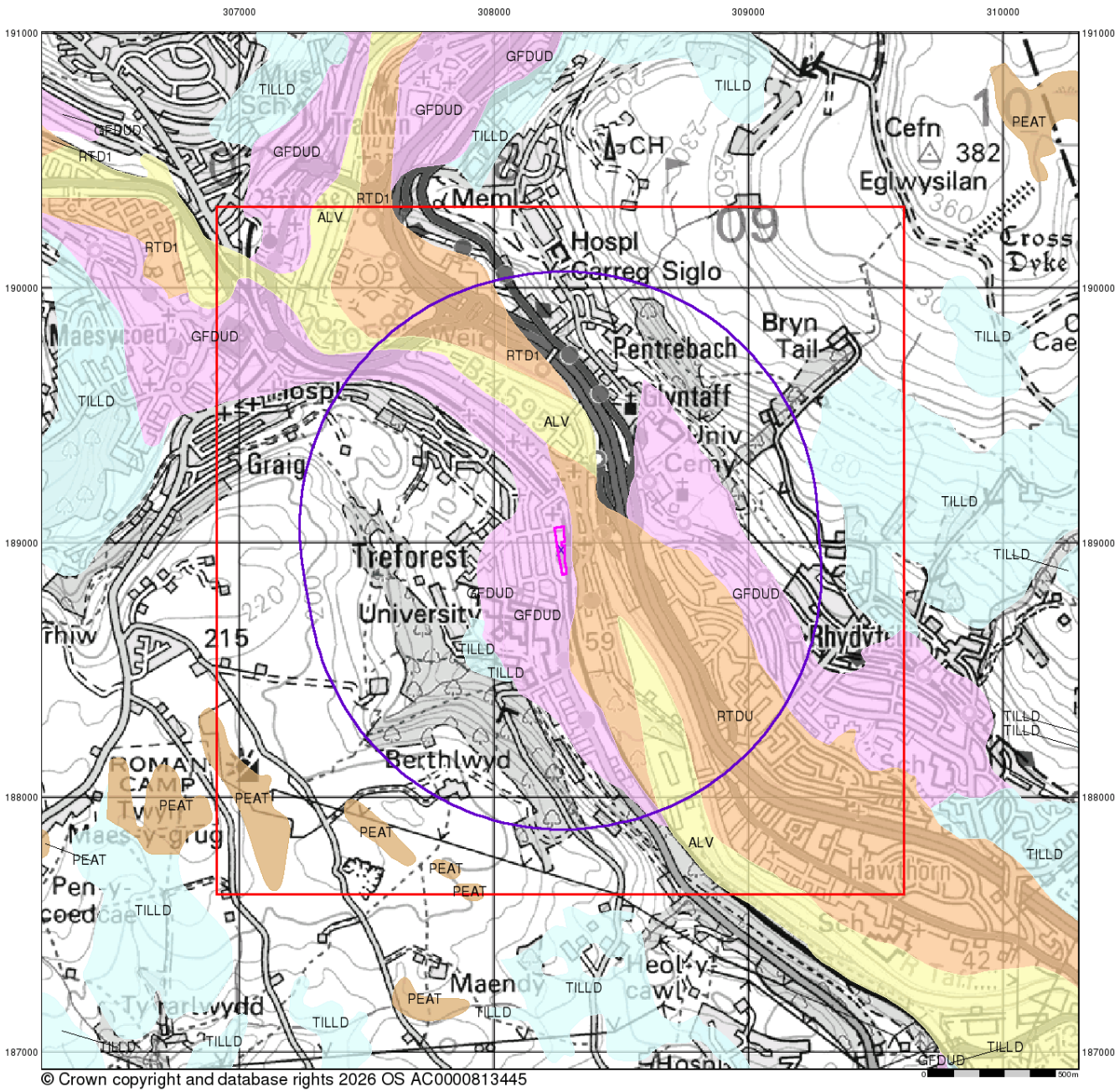

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Intégral
Géotechnique

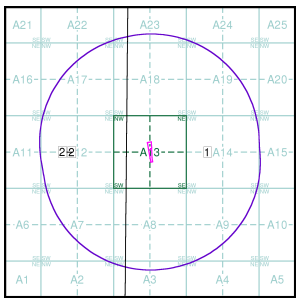
Superficial Geology

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



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Customer Reference:	14581
National Grid Reference:	308270, 188970
Slice:	A
Site Area (Ha):	0.48
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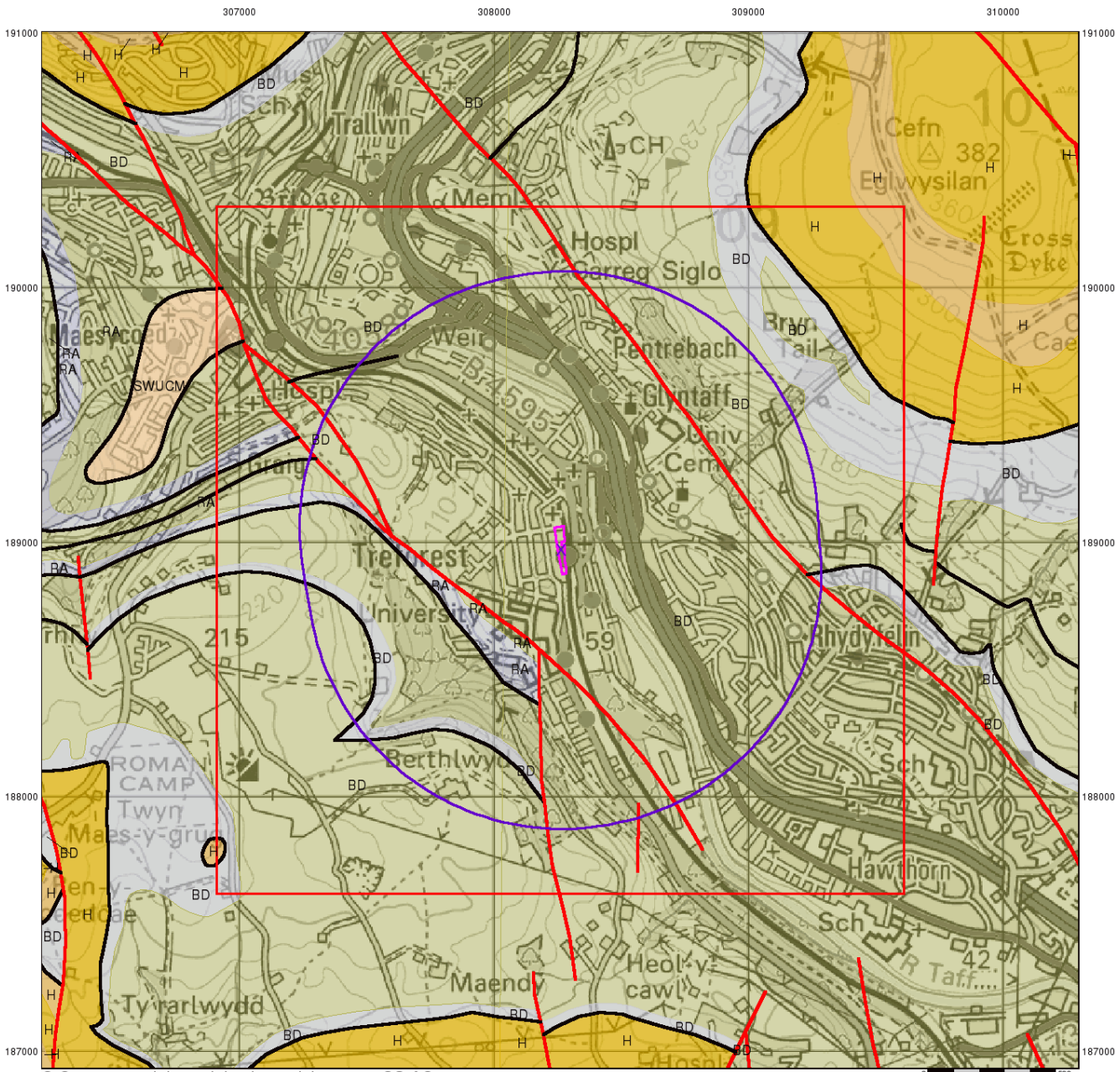

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Bedrock and Faults

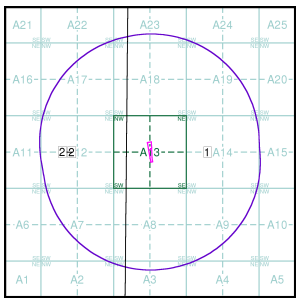
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



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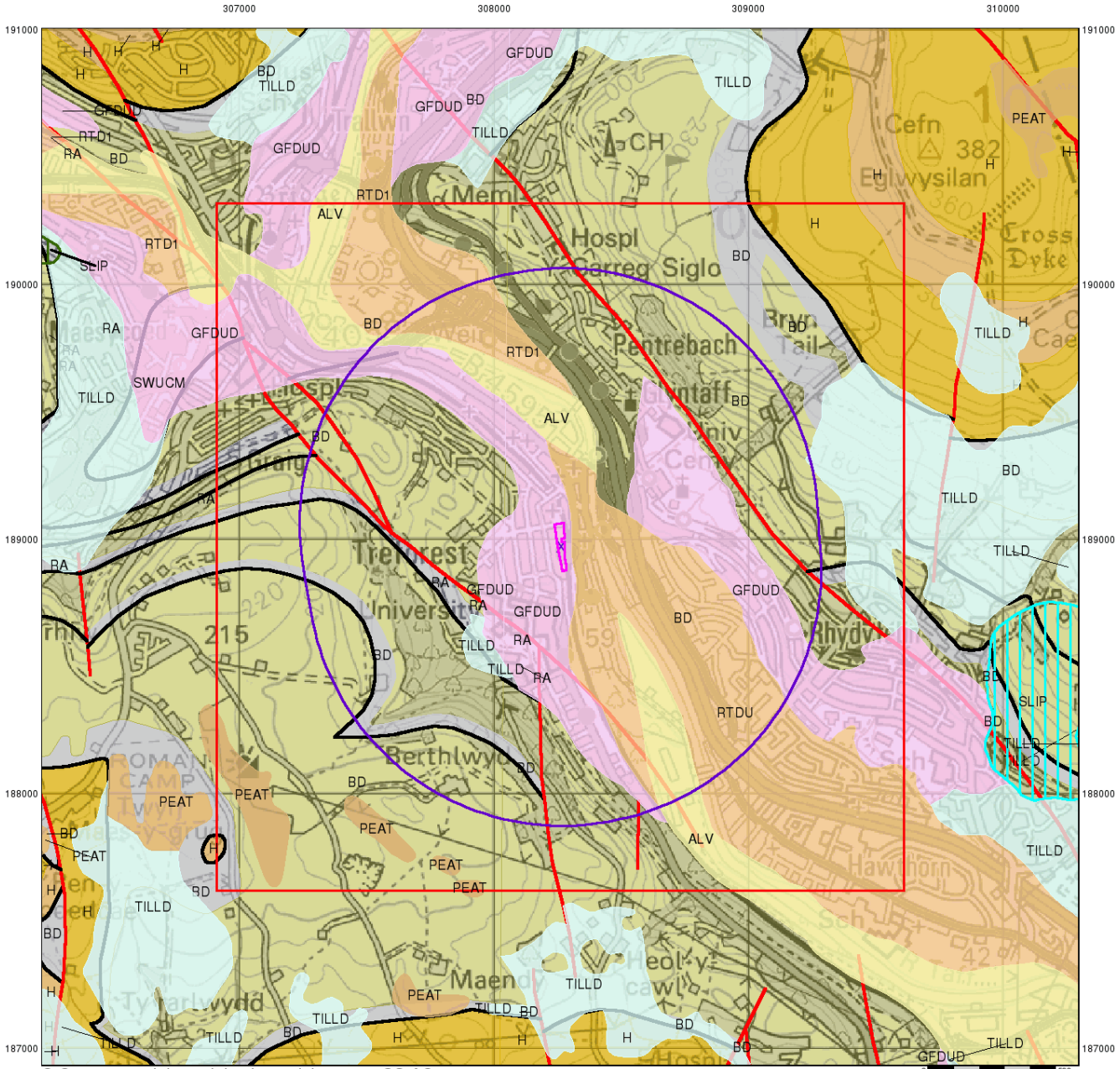

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Combined Surface Geology

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.

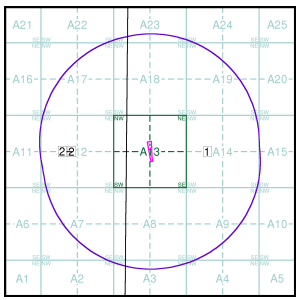
Additional Information

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



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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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. 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
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
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
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

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

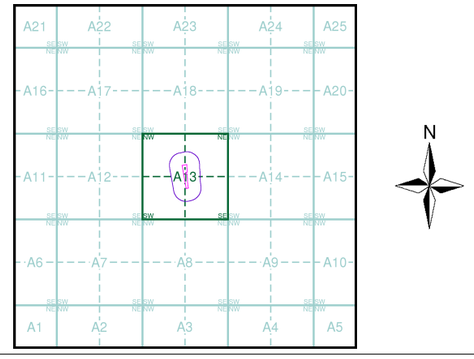
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or 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)
BM 123.45 m 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
Glamorganshire	1:10,560	1885	2
Glamorganshire	1:10,560	1900 - 1901	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1947	5
Historical Aerial Photography	1:10,560	1947	6
Glamorganshire	1:10,560	1952 - 1953	7
Ordnance Survey Plan	1:10,000	1960 - 1965	8
Ordnance Survey Plan	1:10,000	1965	9
Ordnance Survey Plan	1:10,000	1976 - 1978	10
Ordnance Survey Plan	1:10,000	1984	11
Ordnance Survey Plan	1:10,000	1992 - 1993	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2025	15

Historical Map - Slice A



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