

**Talbot Green Developments Limited**

**PLOT 2 (AREA 17), TALBOT GREEN**

**Preliminary Site Investigation Report**

14391/FM/24/SI

**CLIENT: Talbot Green Developments Limited**

**PROJECT: Plot 2 (Area 17), Talbot Green**

**TITLE: Preliminary Site Investigation Report**

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## **1.0 INTRODUCTION**

### **1.1 GENERAL**

Talbot Green Developments Limited are proposing to develop a site at Plot 2 (Area 17), Talbot Green for a future commercial end-use. The site location is shown in Figure 1. A site plan is presented in Figure 2.

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

This report presents the findings of the site investigation and gives preliminary 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**

At the time of writing, the proposed development layout had not been finalised. However, initial proposals include the construction of a large 125,000 sq. ft commercial unit (to comprise a potential data centre over 2-floors), a security lodge, a sub-station compound, access roads, areas of car parking, lorry unloading areas, areas of landscaping, and a surface water attenuation pond.

It is understood that no development is proposed in the eastern extents of the site (which comprises dense woodland).

An initial concept layout is provided in Holder Mathias Architects drawing number: MEDS-HMA-ZZ-00-D-A-90101 Revision P01, dated 03 December 2024. See Figure 3.

### 1.3 SCOPE OF WORKS

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

The desk study comprised a review of:

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

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. The site investigation was designed in accordance with BS 5930:2015+A1:2020, the Code of Practice for Site Investigations, BS10175:2011+A2:2017, 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, 2017.

A preliminary site investigation was carried out during October 2024. The preliminary site investigation comprised:

- 13 No. machine excavated trial pits,
- Six windowless sample boreholes,
- Soil infiltration testing at three selected trial pit locations,
- Sampling of soil for laboratory chemical testing,
- Sampling of soil for laboratory 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 and Natural Resources Wales 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.

Densely vegetated and wooded areas are present across the eastern parts of the site (outside the proposed development footprint), see Figure 2. Due to access constraints, it was not possible to undertake intrusive investigation in these areas.

Intrusive investigation of a historical mine shaft that is recorded in the north-eastern area of the site (see Figure 2) was outside the instructed scope of works. Targeted intrusive investigation of this feature is recommended as part of a supplemental site investigation (as outlined in Section 11.7).

## **2.0 THE SITE**

### **2.1 SITE LOCATION AND DESCRIPTION**

The site is located within Mwyndy approximately 1.3km southeast of the centre of Talbot Green at a National Grid Reference of 305450, 182190, see Figure 1.

The site is irregular in shape and occupies an area of approximately 6 hectares.

The majority of the site area comprises two undeveloped grass covered fields (a northern field and a southern field) separated by a mature hedgerow. The red-line planning application boundary also includes an area of dense woodland in the eastern extents of the site. However, it is understood that this eastern area is outside the proposed development footprint.

A site plan is presented in Figure 2.

The boundaries of the site are defined by a mature hedgerow (with a road beyond) to the west, a mature hedgerow (with an undeveloped field beyond) to the north, wooded land and a stream to the east, and a mature hedgerow (with an existing commercial/retail unit beyond) to the south.

The topography of the northern field site generally falls towards the east and north. The topographic elevation of the northern field ranges from an approximate maximum of 60m AOD in the southwest, to an approximate minimum of 48m AOD in the northeast.

A densely vegetated and wooded area is located within a shallow topographic hollow in the northeast area of the northern field (see Figure 2). This area is understood to be a small historical quarry feature.

The topography of the southern field generally falls towards the east and north. The topographic elevation of the southern field ranges from an approximate maximum of 60m AOD in the southwest, to an approximate minimum of 52m AOD in the northeast.

There is no available topographic survey data applicable to the inaccessible densely wooded eastern extents of the site.

## **2.2 SITE OPERATIONS**

The majority of the site area comprises two undeveloped fields utilised for grazing livestock.

## **2.3 SURROUNDING LAND USE**

The surrounding areas are typically undeveloped but there is an existing commercial/retail unit located on land immediately to the south of the site, and a cemetery beyond the road to the west of the site.

## **2.4 AVAILABLE SITE INVESTIGATION DATA**

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

### 3.0 SITE HISTORY

The history of the site has been traced with the aid of historical OS maps included within the Envirocheck Report in Appendix A. The following scaled historical OS maps have been reviewed:

| Map Scale | Dates   |
|-----------|---|
| 1:2,500   | 1874-1877, 1899-1900, 1919-1920, 1940-1941, 1962, 1972, 1973, 1979-1980, 1984-1991, 1990, 1991, 1992, 1993, 1996, 2000 (aerial photo) |
| 1:10,560  | 1885, 1900, 1921, 1947-1951, 1947-1949, 1953  |
| 1:10,000  | 1964-1965, 1974-1975, 1980-1982, 1993, 1999, 2006, 2024   |

The earliest reviewed map, dated 1874-1877, indicated the majority of the site comprised two undeveloped fields. The Mwyndy Branch of the Great Western Railway was indicated to run on a north south orientation through the eastern extents of the site (outside the proposed development footprint). Beyond the railway, the site was more vegetated and with a spring indicated. The eastern boundary of the site was formed by a surface water feature which flowed towards Afon Clun to the north of the site. The western site boundary was formed by a road/track. A circular wooded former quarry was located adjacent to the railway within the north-eastern area of the northern field. A 'trial shaft' was also indicated just to the south of the wooded former quarry area. An engine house and a shaft were recorded approximately 150m to the south of the site, Cae-Sais Hematite Works (with an associated shaft) was recorded approximately 100m to the southeast of the site, and Mwyndy Iron Ore Works (with numerous associated drifts and shafts) was recorded approximately 400m to the south of the site.

The 1899-1900 edition of the map indicated the site to have remained relatively unchanged. However, the trial shaft which in the north-eastern area of the northern field was now indicated to be an 'old coal pit'. Mwyndy Iron Ore Works was indicated to be disused by this time, but some of the buildings remained. Cae-Sais Hematite Works was no longer evident.

The 1919-1920 edition of the map indicated no significant changes to the site or the immediate surrounding area. There was no longer any evidence of the trial shaft / old coal pit on site, and a footpath was indicated to cross the southern field on a northeast to southwest orientation. A cemetery was indicated beyond the road to the west of the site. A Brick Works was indicated approximately 250m to the southeast of the site.

### **3.0 SITE HISTORY** (CONTINUED)

The site and the immediate surrounding areas remained relatively unchanged over the subsequent years until the edition of the map dated 1972. By this time the footpath passing through the southern half of the site had been reorientated. The railway line in the eastern extents of the site was now indicated to have been dismantled. The area of the site in between the former railway line and the eastern site boundary was indicated to be heavily vegetated and wooded. The area directly to the south of the site was now developed as a Coal Depot. The road infrastructure in the surrounding areas had significantly developed by this time including the construction of the A4119 approximately 150m to the west of the site.

The site and the surrounding areas remained relatively unchanged over the subsequent years. The year 2000 aerial photo indicated the site to be grass covered and comprised two fields separated by a hedgerow. The former railway line which ran through the eastern area of the site was heavily vegetated, as was the eastern edge of the site. The circular wooded former quarry was still evident within the northeast area of the northern field. The area to the south of the site was developed with a commercial/retail unit by 1999 and was shown on the aerial photo.

## **4.0 SITE ENVIRONMENTAL SETTING**

### **4.1 PHYSICAL SETTING**

The site is situated on the southeast edge of Talbot Green within a mainly rural area but with an existing commercial/retail premises to the south.

The topography of the northern field site generally falls towards the east and north. The topographic elevation of the northern field ranges from an approximate maximum of 60m AOD in the southwest, to an approximate minimum of 48m AOD in the northeast.

A densely vegetated and wooded area is located within a shallow topographic hollow in the northeast area of the northern field (see Figure 2). This area is understood to be a small historical quarry feature.

The topography of the southern field site generally falls towards the east and north. The topographic elevation of the southern field ranges from an approximate maximum of 60m AOD in the southwest, to an approximate minimum of 52m AOD in the northeast.

There is no available topographic survey data applicable to the inaccessible densely wooded eastern extents of the site.

### **4.2 GEOLOGY**

The 1:50,000 scale geological map (Sheet 261 and 262) and 1:10,560 scale geological map (Glamorgan Sheet XXXVI SW) of the area indicates the site to be underlain by bedrock strata of the Mercia Mudstone Group (Marginal Facies) of the Triassic period. These rocks lie unconformably over the South Wales Middle and Lower Coal Measures strata of the Carboniferous period.

The strata dips in the area are indicated to be approximately 10° to the southeast within the Mercia Mudstone Group (marginal facies), and approximately 30° to the north within the underlying South Wales Middle and Lower Coal Measures strata.

The Mercia Mudstone Group (Marginal Facies) in the area typically comprises Dolomitic Conglomerate. The matrix of these rock generally consists of finer-grained rock fragments or, less commonly, siltstone, sandstone or micritic limestone. The 1:10,560 scale geological map indicates the Dolomitic Conglomerate in the area to be rich in calcite containing galena (an important lead ore). The 1:10,560 scale geological map indicates the presence of 'trial pits for lead' on site. The area has a history of shallow lead mining.

## 4.2 GEOLOGY (CONTINUED)

It should be noted that the Dolomitic Conglomerate bedrock strata which underlies the site is prone to dissolution weathering and geotechnical hazards associated with solution features such as subsidence sinkholes. The Envirocheck Report indicates the presence of numerous natural cavities (sinkholes) associated within the Dolomitic Conglomerate in the area.

The underlying South Wales Middle and Lower Coal Measures Formation typically comprise grey, productive coal-bearing mudstones/siltstones, with seatearths and minor sandstones. The conjectural outcrops of a number of coal seams including the Two Feet Nine, the Six Feet, the Four feet, the Bute and the Five Feet Gellideg are indicated beneath the northeast and southeast areas of the site and terminating at the interface with geological faults. These coal seams would therefore underlie the site but within the coal measures strata. These coal seams could be at shallow depth depending upon the thickness of the overlying Mercia Mudstone Group (Marginal Facies) / Dolomitic Conglomerate.

Superficial deposits comprising Devensian Till of the Quaternary period are indicated to overlie the majority of the site. These deposits are typically variable and poorly sorted, comprising clays, sands and gravel. These deposits are indicated to be absent from beneath the lower lying northern and north-eastern extents of the site.

Superficial deposits of Alluvium of the Quaternary period are indicated to encroach across the densely wooded eastern edge of the site associated with the location of the surface water feature / stream.

Localised areas of made ground may be present on site, such as in the vicinity of the former quarry and trial shaft in the north-eastern area of the northern field, the former railway that historical passed through the densely wooded eastern extents of the site (outside the proposed development footprint), and/or associated with any potentially uncharted infilled historical lead trial pits.

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

## 4.2 GEOLOGY (CONTINUED)

| <b>Geological unit</b> | <b>Horizon</b>  | <b>Description</b>   |
|------------------------|---|--|
| Recent                 | Topsoil/Subsoil with potential localised areas of Made Ground | Various materials  |
| Quaternary             | Devensian Till  | Variable and poorly sorted clays, sands and gravel   |
|                        | Alluvium (eastern edge)                                       | Soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present. |
| Triassic               | Mercia Mudstone Group (Marginal Facies)                       | Variable conglomerate and/or breccia. The matrix generally consists of finer-grained rock fragments or, less commonly, siltstone, sandstone or micritic limestone    |
| Carboniferous          | South Wales Middle Coal Measures Formation                    | Grey productive coal-bearing mudstones/siltstones, with seatearths and minor sandstones  |

## 4.3 RADON

Information with regard to Radon Protective Measures is provided within a BGS Radon Georeport presented in Appendix B.

The report states that the site is within a lower to intermediate probability area, as between 1% to 3% and 5% to 10% of properties are above action level, and that therefore basic radon protective measures would be necessary in the construction of new buildings within the site as a worst-case scenario.

## 4.4 MINING

### 4.4.1 Coal Mining

The site is located within a coal mining reporting area and therefore in order to aid in ascertaining potential coal mining legacy risks, a Consultants Coal Mining Report has been obtained from the Coal Authority (see Appendix C) and reviewed in conjunction with the published geological maps.

#### **4.4 MINING** (CONTINUED)

The Coal Authority states that there is no past underground mining recorded beneath the site. However, as outlined above in Section 4.3, the Coal Authority do indicate the conjectural sub-crops of a number of coal seams including the Two Feet Nine, the Six Feet, the Four Feet, the Bute and the Five Feet Gellideg to be present beneath the northeast and southeast areas of the site. The Coal Authority consider that all of these coal seams are of a workable thicknesses. It should be noted that these coal seams would subcrop within the coal measures bedrock strata which underlie the Mercia Mudstone Group (Marginal Facies) / Dolomitic Conglomerate. The thickness of the Mercia Mudstone (Marginal Facies) / Dolomitic Conglomerate overlying the coal measures strata beneath the site is currently unknown. As such, these coal seams and any potential associated unrecorded underground mine workings could underlie the site at shallow depths.

Based on the information provided by the Coal Authority and a review of the geological maps, there is considered to be a potential risk to the proposed development from shallow unrecorded coal mine workings. The level of this potential risk will depend on the actual positions and depths of the coal seams beneath the site, the presence of any associated unrecorded mine workings, and whether there is sufficient rock cover above any such mine workings (if present) to prevent any associated uncollapsed voids migrating up to and affecting the site's surface.

Targeted intrusive ground investigation works, as detailed in Section 11.7, will be required in order to further assess the potential mining risk at the site. Note that the findings of these works may identify evidence of shallow mine workings that require remedial works (such as drilling and grouting ground stabilisation) prior to development.

##### **4.4.2 Lead Mining**

The 1:10,560 scale geological map indicates the dolomitic conglomerate bedrock strata in the area to be rich in calcite containing galena (an important lead ore). The 1:10,560 scale geological map indicates the presence of 'trial pits for lead'. The area has a history of shallow lead mining.

The extent of the lead workings is unknown, and shallow pits / workings for lead (with associated areas of disturbed ground) may be present on site.

#### 4.4 MINING (CONTINUED)

##### 4.4.3 Mine Entries

The Coal Authority records the presence of a mine entry, comprising a shaft (ref: 305182-003) located on site, within the northeast area of the northern field.

The historical OS map dated 1874-1877 records this mine entry as a 'trial shaft'. A subsequent historical OS map dated 1899-1900 recorded this feature as an 'old coal pit'.

A 'Mine Entry Data Sheet' detailing available information on Shaft 305182-003 has been obtained from the Coal Authority, a copy is presented in Appendix D. The Coal Authority listed location of Shaft 305182-003 is: 305469 E, 182259 N.

A desk-based georeferencing exercise has been undertaken using the historical OS maps to corroborate the Coal Authority's listed location of Shaft 305182-003.

A summary of the published mine entry data, and the results of the georeferencing exercise is presented in Table 2.

| Ref:       | Shaft/Adit?         | CA Primary Source Plan | Depth of Shaft (m) | Assumed Diameter (m) | Assumed CA Easting, Northing (desk based) | Assumed IG Easting, Northing (desk based) | CA Assigned Departure Distance |
|------------|---------------------|------------------------|--------------------|----------------------|---|---|--------------------------------|
| 305182-003 | Shaft (trial shaft) | OS Map                 | Unknown            | 2.5                  | 305469, 182259                            | 305469, 182259                            | 5m                             |

The findings of the georeferencing exercise corroborate the Coal Authority published location of Shaft 305182-003.

Where mine entries are proven to still be present beneath the site at shallow depths, there will be a potential ground subsidence risk to the proposed development, and appropriate remediation and development no build zones will need to be implemented.

Until Shaft 305182-003 has been accurately located and remediated, a preliminary 'worst-case' building exclusion zone has been determined around the georeferenced shaft location.

#### **4.4 MINING** (CONTINUED)

The preliminary radius of the preliminary worst-case building exclusion zone has been determined at 11.25m. This no-build zone radius should be applied around the georeferenced location of Shaft 305182-003 (i.e., around 305469 E, 182259 N).

Figure 2 shows the extent of the preliminary worst-case building no-build zone.

Note that the size of the preliminary worst-case building exclusion zone accounts for an assumed 1.25m shaft radius (in line with data published on the Coal Authority interactive map viewer), the Coal Authority assigned 5m potential lateral departure distance (in line with data published on the Coal Authority interactive map viewer) and a 5m depth to rockhead (based on current site investigation findings at WS02).

In order to further assess the risk posed to the proposed development from Shaft 305182-003, supplemental targeted intrusive site investigation should be carried out in order to locate this feature and determine the scope of recommended treatment/stabilisation works (which is likely to comprise drilling and grouting stabilisation of any shaft infill, followed by the construction of a reinforced concrete shaft cap at rockhead level). This additional information will be used to further assess the size of the building exclusion zone identified in this report. Note that the exclusion zone may be reduced in size if the results of the further investigations support such a reduction.

The initial proposed development layout, as shown in Figure 3, indicates the northeast corner of the proposed building to be situated within the preliminary worst-case building exclusion zone. Until Shaft 305182-003 has been accurately located / surveyed, and an appropriate scheme of treatment designed and approved, it is recommended that no buildings are proposed within the preliminary worst-case building exclusion zone.

##### **3.4.4 Mine Gas**

The Coal Authority states that with regards to mine gas, none has been recorded within 500m of the site boundary.

However, due to the site being located within a coal mining reporting area, a mine gas risk assessment should be undertaken in order to satisfy the guidelines within CL:AIRE document Good Practice for Risk Assessment for Coal Mine Gas Emissions, dated October 2021.

#### **4.4 MINING** (CONTINUED)

In order allow for an appropriate mine gas risk assessment to be undertaken, the targeted intrusive ground investigation works (including a programme of gas monitoring), as detailed in Section 11.7, will be required. Note that the findings of these works may identify a potential mine gas risk that require mitigation measures (such as gas protective measures) to be incorporated into the proposed buildings on site.

#### **4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK**

The Envirocheck Report indicates that the nearest surface water feature flows along the eastern site boundary. The OS Water Network Lines map indicates this to be an unnamed surface water feature which flows in a northerly direction into the Afon Clun, located approximately 90m to the north of the site.

The Natural Resources Wales groundwater vulnerability map and aquifer database classifies the bedrock beneath the site as a Principal Aquifer. A Principal Aquifer is defined as a regionally extensive aquifer or aquifer system that has the potential to be used as a source of potable (drinkable) water.

The Natural resources Wales groundwater vulnerability map and aquifer database classifies the superficial Devensian Till deposits beneath the majority of the site as Secondary Aquifer-Undifferentiated. This classification is assigned in cases where it has not been possible to attribute either Category A or B to a soil type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the material. The Alluvium deposits which encroach across the eastern edge are classified 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.

There are two effective discharge consents recorded within 250m of the site boundary. The nearest consent is recorded 121m to the south of the site where trade effluent is received by Mwyndy Brook. This consent has been revoked but replaced with an IPC Authorisation. The next effective consent is recorded 218m to the south where sewage discharges are received by Mwyndy Brook.

The Envirocheck Report states that there are no surface water abstractions recorded within 250m of the site boundary. The nearest abstraction is recorded 260m to the south from Mwyndy Pool with the water used for non-evaporative cooling.

#### 4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

There are no groundwater abstractions recorded within 500m of the site boundary. The nearest abstraction is recorded 853m to the south at Hendy Quarry with the water used for general washing/processing.

The Groundwater Vulnerability map of the area indicates the principal bedrock aquifer to have a medium vulnerability.

The Natural Resources Wales Flood Risk map as presented within the Envirocheck Report indicates that the majority of the site is not at risk of flooding from rivers or sea without defences. However, both the northern and eastern boundaries are shown to be at risk of extreme flooding from rivers or sea without defences. It should be noted that the proposed building will not be located within these areas.

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 the northern edge and within the wooded eastern edge and the former small quarry area are at a high-risk of surface water flooding (1 in 30-year flood extent).

Tables 3 and 4 present a summary of the hydrological features and key hydrogeological nature of the site.

| Feature         | Distance from site           | Flow                                  | Classification | Abstraction | Discharge |
|-----------------|------------------------------|---------------------------------------|----------------|-------------|-----------|
| Unnamed Feature | Immediately east of the site | Northerly                             | Inland River   | No          | Afon Clun |
| Afon Clun       | 89m north                    | South westerly                        | Inland River   | No          | River Ely |
| Surface run-off | On site                      | Flows into site drainage or into site | N/A            | No          | Not known |
| Site Drainage   | On site                      | Not known                             | N/A            | No          | Not known |

#### 4.5 HYDROLOGY, HYDROGEOLOGY AND FLOOD RISK (CONTINUED)

| <b>Table 4: Summary of Site Hydrogeology</b>                                |                                      |   |                        |                          |
|---|--------------------------------------|---|------------------------|--------------------------|
| Geological Unit   | Aquifer Classification               | Aquifer Characteristics   | Source Protection Zone | Groundwater Abstractions |
| Topsoil/subsoil with localised areas of disturbed ground and/or Made Ground | Not classified                       | Highly variable permeability and porosity. Perched water may be present with variable flow directions.  | No                     | None                     |
| Devensian Till  | Secondary Aquifer - Undifferentiated | Variable low to moderate permeability and porosity with intergranular flow possible. Variable clay content likely to restrict flow.   | No                     | None                     |
| Alluvium  | Secondary A Aquifer                  | Variable moderate permeability and porosity with intergranular flow possible. High clay content likely to restrict flow in layers.  | No                     | None                     |
| Mercia Mudstone Group (Marginal Facies)                                     | Principal Aquifer                    | Regionally extensive aquifer or aquifer system comprising finer grained siltstones, sandstones and micritic limestone conglomerates that has the potential to be used as a source of potable (drinkable) water. | No                     | 853m south               |

#### 4.6 LANDFILL SITES

The Envirocheck Report states 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.

The Envirocheck Report lists an area of potentially infilled land (non-water) on site. This is associated with the historical shaft feature in the north-eastern area of the northern field.

The Envirocheck Report also recorded several large areas of potentially infilled land (non-water) to the south of the site. These listings are associated with a number of off-site historical quarry features.

There is one area of potentially infilled land (water) recorded within 250m of the site boundary. The area is recorded 241m to the west at the location of a former pond.

## 4.7 POTENTIAL CONTAMINATION

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 5 and 6.

### 4.7.1 Previous Uses

| <b>Table 5: Potential Contaminants</b>   |  |                 |
|--|--|-----------------|
| <b>Land Use:</b> Undeveloped land crossed by railway   |  |                 |
| <b>Material/Process</b>  | <b>Contamination/Hazard</b>  | <b>Evidence</b> |
| Undeveloped fields   | No potential contaminants  | Historical maps |
| Construction of the railway line along the eastern edge of the site 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 railway including potential localised oil/fuel spills **  | Petroleum hydrocarbons-fuels/oils                                      | Historical maps |
| Railway dismantled during the 1970's that would have caused further ground disturbance within the eastern area of the site **  | Metals, semi metals, non-metals, PAH, petroleum hydrocarbons, asbestos | Historical maps |
| Potential localised disturbance or potential made ground in the vicinity of the former shaft and any potential historical trial pits for lead which may have been infilled with imported materials of unknown origin | Metals, semi metals, non-metals, PAH, asbestos                         | Historical maps |

\*\* it should be noted that development is not proposed within the heavily vegetated / wooded eastern area of the site where the former railway was located.

### 4.7.2 Existing Uses

The site remains undeveloped. The current site uses would not add any additional contamination concerns.

## 4.7 POTENTIAL CONTAMINATION (CONTINUED)

### 4.7.3 Adjacent Site Uses

| <b>Table 6: Potential Contaminants - Adjacent Site Uses</b>           |                      |  |
|---|----------------------|--|
| <b>Potential Contamination Source</b>                                 | <b>Boundary</b>      | <b>Associated Contaminants and Hazards</b> |
| Undeveloped grassland and woodland                                    | Northern and eastern | No Potential Contaminants                  |
| Commercial/retail premises  | Southern             | No Potential Contaminants                  |
| Existing road with undeveloped fields and Cefn y Parc Cemetery beyond | Western              | No Potential Contaminants                  |

## 4.8 OTHER ENVIRONMENTAL ISSUES

The Envirocheck Report indicates that there is one area of sensitive land recorded within 250m of the site boundary. The area is indicated to comprise ancient woodland located 143m north of the site boundary. Apart from additional areas of ancient woodland, no other sensitive land uses are identified within 1km of the site boundary.

The Envirocheck Report indicates that there are no pollution incidents to controlled waters recorded within 250m of the site boundary. The nearest incident is recorded to have occurred 328m to the northwest of the site and is a Category 3-Minor Incident involving light oil due to a blocked sewer.

There are two substantiated pollution incidents recorded within 250m of the site boundary. The nearest incident is recorded to have occurred 110m south of the site where contaminated water caused a significant impact on water, a minor impact on land and no impact on air. This incident was recorded on 17<sup>th</sup> February 2010. The second substantiated pollution incident is recorded to have occurred 237m south of the site where atmospheric pollutants and effects (smoke) caused a significant impact on air and no impact on water or land. This incident was recorded on 24<sup>th</sup> June 2009.

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

Dense vegetation surrounds much of the site and is present across much of the eastern extents of the site. The presence of invasive plant species such as Japanese Knotweed cannot be ruled out. A full vegetation survey of the site is recommended. Any identified invasive plant species will require eradication 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 site end users, controlled waters, etc).

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

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

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

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

LCRM also provides definitions of the following terms:

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

## 5.1 RISK ASSESSMENT FRAMEWORK (CONTINUED)

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

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

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

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

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

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

## 5.1 RISK ASSESSMENT FRAMEWORK (CONTINUED)

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

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

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

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

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

S4ULs have been derived for a wider number of substances.

In addition to the existing SGVs, C4SLs and S4ULs, Atkins ATRISK<sup>soil</sup> 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 development of the site is for a proposed commercial end use. Therefore, the critical sensitive receptor from a human health perspective is an on-site commercial receptor.

In accordance with S4UL/C4SL and CLEA guidance for a standard commercial scenario, the critical sensitive receptor for a commercial end use risk assessment is a female adult, with exposure from 16 to 65 years.

The standard commercial 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 development of the site for a commercial end use, and the findings of the desk study, the critical sensitive receptor from a controlled water perspective is groundwater within the Principal Aquifer of the Mercia Mudstone Group (Marginal Facies) that underlies the site.

By considering groundwater as the critical sensitive receptor for controlled waters, the groundwater/hydrogeological risk assessment will also be protective of the unnamed inland river which flows along the eastern boundary of the site and into the Afon Clun (approximately 90m to the north of the site).

## **5.5 POTENTIAL CONTAMINANT SOURCES**

As identified in the desk study, the vast majority of the site has remained historically undeveloped.

However, a railway line ran through the eastern extents of the site the site (outside the proposed development footprint) of from pre-1880 until it was dismantled during the 1970's. Potentially contaminated made ground deposits could be locally present in the area of the former railway.

## 5.5 POTENTIAL CONTAMINANT SOURCES

A historical mine shaft is recorded in the north-eastern area of the northern field. Potentially contaminated made ground deposits could be locally present in the area of the shaft.

A small historical quarry feature is located within the north-eastern area of the northern field. Additionally, records indicate the site was subjected to historical shall lead mining (via trial pits for lead). Localised areas of potentially contaminated made ground could also be present with these features.

The potential types of contaminants of concern are listed below:

- Metals, semi-metals, and inorganics within any potential localised areas of made ground,
- Polyaromatic hydrocarbons (PAH) within any potential localised areas of made ground,
- Localised Petroleum Hydrocarbons in the vicinity of any made ground associated with the former railway line in the eastern extents of the site,
- Asbestos within any potential localised areas of made ground.

The risk of mine gas and ground gas should also be considered with the potential for methane and carbon dioxide if shallow unrecorded mine workings are present beneath the site or due to areas of infilled land and a cemetery in close proximity of the site.

In addition to the above, due to the presence of the galena-rich Dolomitic Conglomerate strata beneath the site, naturally elevated concentrations of lead in soil should also be considered.

## 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:

**5.6 POTENTIAL EXPOSURE PATHWAYS** (CONTINUED)

- 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, 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 7.

## 5.7 SUMMARY OF CONCEPTUAL EXPOSURE MODEL (CONTINUED)

| <b>Table 7: Preliminary Conceptual Exposure Model</b>                       |  |                               |  |                             |
|---|--|-------------------------------|--|-----------------------------|
| Source  |  | Receptor                      | Pathway  | Potentially Active Pathway? |
| Origin  | Contaminant                                    |                               |  |                             |
| Made Ground of unknown origin and historical land uses<br><br>Natural soils | Metals, semi-metals, non-metals, PAH, asbestos | Commercial – human health     | Dermal Contact with made ground/dust   | ✓                           |
|   |  |                               | Ingestion of soil  | ✓                           |
|   |  |                               | Inhalation of dust   | ✓                           |
|   |  |                               | Inhalation of vapours – indoor/outdoor   | ✓                           |
|   | Metals, semi-metals, inorganics, PAH           | Groundwater quality           | Leaching from made ground  | ✓                           |
|   | Metals, semi-metals, inorganics, PAH           | Surface water quality         | Transportation within groundwater  | ✓                           |
| Localised petroleum hydrocarbons in the vicinity of the former railway line | Petroleum hydrocarbons                         | Commercial – human health     | Dermal Contact with made ground/dust   | ✓                           |
|   |  |                               | Ingestion of soil  | ✓                           |
|   |  |                               | Inhalation of dust   | ✓                           |
|   |  |                               | Inhalation of vapours – indoor/outdoor   | ✓                           |
|   | Petroleum hydrocarbons                         | Groundwater quality           | Localised spillage   | ✓                           |
|   | Petroleum hydrocarbons                         | Surface water quality         | Transportation within groundwater  | ✓                           |
| Made Ground of unknown origin and natural ground                            | pH and water-soluble sulphate                  | Building Materials Durability | Direct contact   | ✓                           |
| Ground and Mine Gas – organic, gas producing materials                      | Methane, carbon dioxide                        | Human health                  | Accumulation of gases in confined spaces, and/or migration off site, leading to asphyxiation, or risk of explosion | ✓                           |

## **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, BS10175:2011+A2:2017, 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, 2017.

The site investigation was also designed to provide information to support and refine the preliminary conceptual site model/conceptual exposure model.

An investigation comprising the excavation of 13 No. trial pits and six windowless sample boreholes was carried out during October 2024.

The trial pits (referenced TP01 to TP010 and SA01 to SA03) were positioned across accessible areas of the site, in order to obtain a spread of coverage across the proposed development area and excavated to a maximum depth of approximately 3.50m below existing ground level (bgl) using a JCB 3CX excavator.

Soil infiltration testing was carried out in three trial pits (SA01 to SA03) in order to assess/monitor the likely infiltration potential of the natural strata.

The windowless sample boreholes (referenced WS01 to WS06) were mainly positioned in the vicinity of the proposed building footprint and drilled to a maximum depth of approximately 6.35m bgl. In-situ strength testing (SPTs) was carried out at regular depth intervals in the windowless sample boreholes.

Representative soil samples were taken from the trial pits and windowless sample boreholes for laboratory chemical and geotechnical testing and placed in the appropriate sample containers deemed suitable for the analysis required. Strict protocols were adopted during this process to limit the cross contamination of samples.

The fieldworks were supervised by a qualified Geotechnical Engineer from Intégral Géotechnique (Wales) Limited who also logged the trial pits and windowless sample boreholes and prepared their detailed engineering logs in accordance with the requirements of BS5930:2015+A1:2020. The engineering logs provide descriptions of the materials encountered in accordance with BSEN ISO 14688-1 (2002) and 14689-1 (2003) for soils and rocks respectively.

### 6.1 FIELDWORKS (CONTINUED)

The approximate locations of the trial pits and windowless sample boreholes are shown in Figure 2, while their logs are presented in Appendix E and F respectively. The results of the soil infiltration tests are presented in Appendix G.

### 6.2 FIELD OBSERVATIONS

No visual or olfactory evidence of contamination was observed during the excavation of the trial pits or during the drilling of the windowless sample boreholes.

### 6.3 LABORATORY CHEMICAL TESTING

Representative soil samples were taken from the trial pits and windowless sample boreholes, stored at the appropriate temperature and dispatched to the UKAS and MCERTS accredited 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 previously issued desk study and the preliminary conceptual site model/conceptual exposure model.

|                                 |                          |
|---------------------------------|--------------------------|
| 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) | Asbestos Screen          |

Selected soil samples were also tested for Petroleum Hydrocarbons (VPH/EPH).

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

#### **6.4 LABORATORY GEOTECHNICAL TESTING**

Representative soil samples were taken from the trial pits and windowless sample boreholes and dispatched to the UKAS accredited laboratories of GSTL and scheduled for analysis of moisture content and Atterberg Limits testing.

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

## 7.0 GROUND CONDITIONS

The ground conditions encountered within the trial pits and windowless sample boreholes generally comprised a surface layer of topsoil, over highly variable superficial soils (variable in consistency, strength and thickness) over locally encountered weathered bedrock strata of the Mercia Mudstone Group (Marginal Facies) / Dolomitic Conglomerate.

A summary of the ground conditions encountered within the trial pits and windowless sample boreholes is presented below in Table 8.

| <b>Table 8: Summary of Ground Conditions</b> |             |   |
|--|-------------|---|
| Depth (m)                                    |             | Stratum   |
| From   | To          |   |
| 0.00   | 0.10/0.30   | TOPSOIL: Grass over soft brown silty sandy locally slightly gravelly organic rich clay with frequent roots and rootlets.  |
| 0.10/0.30                                    | 1.70/>5.00  | SUPERFICIAL SOILS:<br><br>Highly variable mixtures of very soft, soft, soft to firm and firm variably sandy variably gravelly CLAY or SILT with variable cobble and boulder content, and very loose, loose, or loose to medium dense variably clayey variably gravelly SAND or GRAVEL with variable cobble and boulder content.<br><br>WEATHERED BEDROCK: |
| 2.80/4.20                                    | >3.00/>4.50 | Very stiff red brown gravelly CLAY grading into extremely weak highly weathered MUDSTONE (encountered at WS01, WS02 and WS03).<br><br>OR  |
| 1.70/3.00                                    | >1.90/>3.20 | Dense red brown variably clayey sandy GRAVEL with cobbles and boulders of angular dolomitic conglomerate (encountered at TP10, WS04 and WS06).  |

### 7.1 TOPSOIL

The encountered topsoil typically comprised grass over soft brown silty sandy locally slightly gravelly organic-rich clay with frequent roots and rootlets from ground level to depths that varied between approximately 0.15m and 0.30m bgl.

## 7.2 SUPERFICIAL SOILS

The superficial soils underlying the topsoil were observed to be highly variable in their thickness, consistency, and strength. These deposits comprised mixtures of very soft, soft, soft to firm and firm variably sandy variably gravelly silts and clays with variable cobble and boulder content, and very loose, loose or loose to medium dense variably clayey variably gravelly sands with variable cobble and boulder content. The gravel, cobble and boulder constituents within these deposits were often observed to comprise dolomitic conglomerate containing high quantities of calcite and frequent 'vuggy' cavities resulting from dissolution weathering.

Highly variable uncorrected SPT N values ranging between 0 and 21 were recorded within the superficial soils.

The results of the plasticity testing indicate that the superficial soils have plasticity indices ranging between 31% and 35%, and modified plasticity indices ranging between 28% and 32%. The modified plasticity indices indicate that the superficial soils have a medium volume change potential.

## 7.3 WEATHERED BEDROCK

Strata considered to be representative of weathered mudstone and dolomitic conglomerate bedrock were encountered at variable depths at several exploratory hole locations (namely WS01, WS02, WS03, WS04, WS06 and TP10).

Highly weathered mudstone comprising very stiff red brown gravelly clay grading into extremely weak thinly laminated mudstone was encountered at WS01, WS02 and WS03 at approximately depths of approximately 4.20m bgl, 3.80m bgl, 2.80m bgl respectively. Typical SPT N values of 50 were recorded within this stratum.

Suspected weathered dolomitic conglomerate bedrock within was encountered in WS04, WS06 and TP10 at depth of approximately 3.00m bgl, 2.80m bgl, and 1.70m bgl respectively. The stratum was recovered as dense red brown variably clayey sandy gravel with cobbles and boulders of angular dolomitic conglomerate. Typical SPT N values of 50 were recorded within this stratum.

It should be noted that the dolomitic conglomerate strata underlying the site is rich in calcite and is highly susceptible to dissolution weathering and the formation of solution features such as sinkholes (usually due to washout / suffusion of overlying superficial soils into underlying bedrock cavities/voids and dissolution widened joints at depth).

#### **7.4 EVIDENCE OF SOLUTION FEATURES**

During the excavation of the trial pits and the drilling of the windowless sample boreholes, evidence of potential solution features was encountered at several locations (see Figure 2). This evidence includes:

- The presence of highly variable thicknesses of very soft, soft, very loose and loose soils at numerous exploratory hole locations,
- Anomalously low SPT N values recorded within the superficial soils within several windowless sample boreholes (namely at WS04 and WS05),
- Highly variable depths to suspected weathered bedrock over short lateral distances,
- Anomalous drainage behaviour observed during soil infiltration testing at trial pit SA02.

Due to the dissolution susceptible nature of the dolomitic conglomerate bedrock strata beneath the site and the observations made during the excavation of the trial pits / drilling of the windowless sample boreholes, the solution feature risk at the site is considered to be high.

#### **7.5 GROUNDWATER**

Localised groundwater was observed in WS04 at 2.00m bgl, and WS05 at 1.50m bgl. A groundwater seepage was also observed in TP05 at 2.50m bgl.

Groundwater was not encountered within the excavated/drilled depths of any of the other exploratory holes.

It should be noted that the groundwater conditions are based on observations made at the time of the investigation. It should be noted that the groundwater levels may vary due to seasonal and other effects.

#### **7.6 SOIL INFILTRATION TEST RESULTS**

Soil infiltration testing was undertaken at three trial pit locations (see SA01 to SA03, as indicated in Figure 2).

The trial pits were rapidly filled with water from a tractor-towed agricultural tanker and the water levels monitored over a period of time. Where infiltration and time allowed, repeat cycle tests were carried out in general accordance with BRE365.

## 7.6 SOIL INFILTRATION TEST RESULTS (CONTINUED)

The results of the soil infiltration testing are presented below in Table 9. The calculation sheets are presented in Appendix D.

| <b>Table 9: Summary of Soil Infiltration Test Results</b> |                             |                                  |                       |                       |
|---|-----------------------------|----------------------------------|-----------------------|-----------------------|
| Test Location   | Excavation Depth<br>(m bgl) | Soil Infiltration Rate (m/s)     |                       |                       |
|   |                             | Test Cycle 1                     | Test Cycle 2          | Test Cycle 3          |
| SA01  | 2.35 - 2.55                 | $2.36 \times 10^{-4}$            | $1.57 \times 10^{-4}$ | $9.93 \times 10^{-5}$ |
| SA02  | 2.65 – 2.52                 | $1.93 \times 10^{-3}$            | $1.22 \times 10^{-3}$ | $8.24 \times 10^{-4}$ |
| SA03  | 2.60                        | Negligible infiltration recorded |                       |                       |

The soil infiltration test results are specific to the locations and depths of the tests undertaken.

Negligible infiltration was recorded over the monitoring period at SA03. As such, it was not possible to calculate soil infiltration rates for this location.

Anomalous drainage behaviour was observed at SA02. During the first cycle of testing, a 0.3m diameter void/cavity opened up at the base of the trial pit, resulting in rapid water drainage. Note the water exiting the pit could be heard draining into what sounded like an underlying cavity.

## **8.0 CONTAMINATION**

### **8.1 AVERAGING AREAS**

In order to assess the laboratory test results reliably and in context, the data have been grouped into an averaging area. An averaging area (or area of interest) is that area of soil to which a receptor is exposed, or which otherwise contributes to the creation of hazardous conditions. This may be an area of historical industrial usage, a soil type, or a specific proposed end use.

In the case of this analysis, the averaging area has been determined according to the proposed commercial end use.

### **8.2 SOIL CONTAMINATION**

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 ATRISK<sup>soil</sup> for commercial end use have been adopted, where considered appropriate.

The results have been compared to the respective guidelines, where applicable, for 1% soil organic matter (SOM) content.

A total of six soil samples (comprising topsoil and subsoil) were tested for contamination.

The soil test results have been summarised and are shown in Appendix E.

The results of the laboratory testing indicate that all analysed chemical elements or compounds are present at concentrations below the appropriate thresholds for a commercial end use.

Asbestos was not detected in any of the tested soil samples.

## 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, soil leachate, groundwater and gas monitoring. Pathways identified as a relevant pollutant linkage require appropriate risk assessment or mitigation measures (see Section 10).

| 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<br><br>Natural soils | Metals, semi-metals, non-metals, PAH, asbestos | Commercial – human health | Dermal Contact with made ground/dust   | ✓   | X                          | No made ground encountered.  |
|   |  |                           | Ingestion of soil                      | ✓   | X                          | No elevated concentrations of contaminants identified within samples obtained from the site. |
|   |  |                           | Inhalation of dust                     | ✓   | X                          | No sufficiently volatile contaminants identified.  |
|   |  |                           | Inhalation of vapours – indoor/outdoor | ✓   | X                          | No significantly elevated soil concentrations identified.                                    |
|   | Metals, semi-metals, inorganics, PAH           | Groundwater quality       | Leaching from made ground              | ✓   | X                          | No significantly elevated soil concentrations identified.                                    |
|   | Metals, semi-metals, inorganics, PAH           | Surface water quality     | Transportation within groundwater      | ✓   | X                          | No significantly elevated soil concentrations identified.                                    |

## 9.0 REVISED CONCEPTUAL EXPOSURE MODEL (CONTINUED)

| Table 10: Revised Conceptual Exposure Model                                 |                               |                                   |  |   |                            |  |
|---|-------------------------------|-----------------------------------|--|---|----------------------------|--|
| Source  |                               | Receptor                          | Pathway  | Preliminary Active Pathway? (see Sect. 5.7) | Relevant Pollutant Linkage | Justification/ Mitigation  |
| Origin  | Contaminant                   |                                   |  |   |                            |  |
| Localised petroleum hydrocarbons in the vicinity of the former railway line | Petroleum hydrocarbons        | Commercial – human health         | Dermal Contact with made ground/dust   | ✓   | X                          | Former railway is outside the proposed development footprint. No evidence of made ground associated with the railway line identified within the trial pits and windowless sample boreholes. No elevated petroleum hydrocarbon concentrations identified. |
|   |                               |                                   | Ingestion of soil  | ✓   | X                          |  |
|   |                               |                                   | Inhalation of dust   | ✓   | X                          |  |
|   |                               |                                   | Inhalation of vapours – indoor/outdoor   | ✓   | X                          |  |
|   | Petroleum hydrocarbons        | Groundwater quality               | Leaching from made ground  | ✓   | X                          |  |
| Petroleum hydrocarbons  | 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 natural ground<br><i>-risk assess</i>   |
| 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 | ✓   | ✓                          | Potential off-site sources of ground gas identified. Potential mine gas risk. Programme of gas monitoring recommended<br><i>- risk assess</i>  |

## **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”, e.g. 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. 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 results of the contamination testing have not recorded any elevated contaminant concentrations above the adopted assessment criteria for a proposed commercial end use.

No asbestos was detected within the screened soil samples.

Based on the results of the contamination testing, visual observations made during the intrusive site investigations and considering the history of the site, the risks to future site end users from site sourced contamination is considered to be low.

It is noted that a former railway was historically present within the densely vegetated and wooded eastern extents of the site. This area was inaccessible at the time of the site investigation. However, it should be appreciated that no evidence of any contamination associated with the former railway was encountered within the exploratory holes position across the eastern extents of the accessible field land. Additionally, no elevated petroleum hydrocarbons were detected in the soil samples taken from the eastern extents of the accessible field land.

It should also be appreciated that area of the former railway and the far eastern extents of the site are to remain as undeveloped woodland. The development proposals do not include the area of the former railway. As such, this historical feature is not considered to pose a potential risk to future commercial site end users.

Based on the results of the site investigation, no specific contamination remedial measures are considered necessary.

#### **10.3.3 Construction Workers**

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.

### **10.3 HUMAN HEALTH RISK ASSESSMENT (CONTINUED)**

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.

All excavations should be regularly checked for safe atmospheres.

A system should be established by which any 'unusual' materials (such as any unforeseen made ground or suspected areas of contamination, including suspected ACM) 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 RISKS TO VEGETATION**

The concentrations of phytotoxic elements in the tested soil samples, do not indicate the potential for adverse effects to vegetation. Accordingly, no specific protective measures are considered necessary with respect to the protection of vegetation.

### **10.5 CONTROLLED WATERS RISK ASSESSMENT**

The results of the laboratory chemical testing on representative soil samples have not identified any contamination that could pose a risk to controlled waters. Additionally, no visual or olfactory evidence of contamination was observed during the intrusive site investigation works.

Considering the results of the intrusive site investigation and the history of the site, the potential risks to controlled waters from site sourced contamination is considered to be low.

No contamination remedial measures are considered necessary with respect to controlled waters.

## **10.6 GROUND AND MINE GAS RISK ASSESSMENT**

No widespread or significant thicknesses of made ground or potential gas producing materials were encountered during the intrusive site investigation. However, it is noted that there are areas of potentially infill ground and a cemetery within 250m of the site, which could be potential sources of ground gas.

The Coal Authority Mining Report states there no instances of reported mine gas emissions requiring action at the site. However, a mine shaft is recorded on site. Additionally, several coals seams are indicated to underlie the site. There is the potential for shallow unrecorded mine workings associated with these coal seams, which could be a potential source of mine gas.

In order quantify the ground gas and mine gas risk at the site, it is recommended supplemental site investigation works are undertaken, comprising a series of rotary drilled boreholes (to determine where there are any shallow unrecorded mine workings beneath the site). The results of the recommended supplemental works will inform any requirement for the incorporation of gas protection measures in proposed buildings.

Note that basic radon protection measures are require in all proposed buildings on site.

## **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 D and E.

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 test result) for water soluble sulphate within the natural ground of 48mg/l.

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

## **10.7 RISKS TO BUILDINGS AND MATERIALS DURABILITY** (CONTINUED)

The groundwater regime of the site has been assessed as 'mobile' and a characteristic pH value within the natural ground of 5.6 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 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 any organic contaminants 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.

## **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.

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

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

## **10.8 WASTE DISPOSAL** (CONTINUED)

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.

## **11.0 PRELIMINARY ENGINEERING CONSIDERATIONS AND RECOMMENDATIONS**

The following engineering considerations and recommendations are preliminary and should be reviewed and may need to be revised following completion of the recommended further site investigation and assessment works as detailed in Section 11.7 and following confirmation of the final proposed development layout and engineering levels (including confirmation on the levels of cut and fill).

### **11.1 DETAILS OF PROPOSED DEVELOPMENT**

At the time of writing, the proposed development layout had not been finalised. However, initial proposals include the construction of a large 125,000 sq. ft commercial unit (to comprise a potential data centre over 2-floors), a security lodge, a sub-station compound, access roads, areas of car parking, lorry unloading areas, areas of landscaping, and a surface water attenuation pond.

It is understood that no development is proposed in the eastern extents of the site (which comprises dense woodland).

An initial concept layout is provided in Holder Mathias Architects drawing number: MEDS-HMA-ZZ-00-D-A-90101 Revision P01, dated 03 December 2024. See Figure 3.

### **11.2 SITE PREPARATION**

#### **11.2.1 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 compacted structural fill.

#### **11.2.2 Vegetation and Site Strip**

Dense vegetation is present across large areas of the site. Invasive plant species may be present. A full vegetation survey should be undertaken at the site. Any identified invasive plant species will need to be eradicated in accordance with an agreed specification.

All protection orders relating to existing vegetation/ecology should be adhered to during the development of the site.

## **11.2 SITE PREPARATION (CONTINUED)**

There are a number of mature trees/hedges along the edges of the site. Allowances should be made for the removal of any associated roots and desiccated soils that may become exposed in any proposed nearby earthworks and foundation excavations. All protection orders relating to existing vegetation/ecology should be adhered to during the development of the site.

Any existing topsoil should be stripped from development areas and stockpiled on site for potential re-use or removal off-site. Given the nature of the near surface soils, the exposed surface of the site will deteriorate in poor weather and due to trafficking of plant. We therefore recommend that to minimise surface water management risks and minimise the generation of silt, softened materials and unsuitable arising materials strategic earthworks materials management is required.

The exposed areas should always be minimised. All exposed areas should be protected from damage in wet weather. Designated access routes should be maintained and suitably designed and maintained working platforms for construction plant provided.

### **11.2.3 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.

Allowances should be made for potentially encountering and dealing with possible springs, land drains and uncharted buried services.

### **11.2.4 Ground Improvement (HEIC) – Proposed External Hardstanding Areas**

Due to the presence of highly variable often low strength superficial soils underlying the site, the identified high solution feature risk, and the potential for shallow uncharted shallow historical lead workings, it is recommended that the proposed building(s) and floor slabs utilise piled foundations (as outlined below in Section 11.3).

In areas of proposed external hardstanding (such as proposed access roads, car parking areas, lorry loading/unloading areas, yard areas etc), in order to minimise settlements (particularly at the interface with piled structures), it is recommended that ground improvement using high energy impact compaction (HEIC) is carried out.

## **11.2 SITE PREPARATION** (CONTINUED)

The HEIC technique selected should be capable of compacting soils up to typically 3m below treatment levels and should be undertaken across all proposed external hardstanding areas and at the interface with all piled structures. Treatment is achieved by applying and self-monitoring, using real-time deflectometer data, repeated HEIC until no further induced settlements are achievable. The use of systems such as this avoid the requirement to carry out bulk earthworks to densify loose / soft soils. The treatment will also aid in the collapse of any shallow voids associated with solution features migrating through the soil.

A HEIC system should incorporate real-time deflectometer data or similar which provides accurate real-time data supporting the successful treatment of the ground.

At the time of writing, the levels of any proposed cut/fill earthworks had not been confirmed. However, considering the sloping nature of parts of the site, a degree of cut/fill earthworks is anticipated.

In areas of proposed cut, the HEIC should be undertaken following the reduction of ground levels, in order to provide a suitably prepared formation. In areas of proposed fill, the HEIC, should be undertaken across the exposed ground following a surface site strip, in order to create a suitable compacted sub formation, prior to the placement of engineered fill.

Following completion of the HEIC works the prepared formation should be graded off to the required level, and any suspected collapsed solution features should be investigated.

The HEIC treatment area should cover the full extents of all proposed external hardstanding areas and the perimeter of all proposed building footprints.

It is recommended that any HEIC ground improvement works are carried out as enabling works during the summer months.

### **11.2.5 Pollution Protection and Management**

During the site clearance and subsequent operations airborne nuisance caused by dust from the site must be controlled on account of the health and safety of site operatives and the general public who are occupying nearby properties.

Temporary drainage grips and silt pumps will be required during earthworks in order to control near surface formations and protect the adjacent water courses to the north and east of the site from uncontrolled run-off.

### 11.3 FOUNDATIONS AND FLOOR SLABS

The ground conditions encountered within the trial pits and windowless sample boreholes comprised a surface layer of topsoil, over highly variable superficial soils (variable in consistency, strength and thickness) over locally encountered weathered bedrock strata of the Mercia Mudstone Group (Marginal Facies) / Dolomitic Conglomerate.

The Dolomitic Conglomerate bedrock strata that underlies the site is highly susceptible to dissolution weathering and the formation of solution features such as sinkholes (usually due to washout / suffosion of overlying soils into bedrock cavities/voids and dissolution widened joints at depth). During the preliminary intrusive site investigation works, evidence indicative of potential solution features was encountered at several exploratory hole locations.

Based on the findings of the site investigation and the dissolution susceptible nature of the dolomitic conglomerate bedrock strata, the solution feature risk at the site is considered to be high.

Due to the highly variable, often low in-situ strength of the superficial soils, and the identified high solution feature risk, conventional shallow foundations are not recommended for the proposed buildings. Similarly, at this stage ground bearing floor slabs are not recommended.

Subject to the findings of the recommended further site investigation and assessment works detailed below in Section 11.7 (and the completion of any required remedial measures in relation to shallow mine workings), based on the findings of the preliminary site investigation it is advised that a piled foundation solution is utilised for the proposed buildings and floor slabs. *Note that the preliminary recommendation for piled floor slabs should be reviewed following the completion of the recommended further site investigation and assessment works detailed in Section 11.7.*

Due to the variable and undulating rockhead surface beneath the site (and the potential for bedrock floaters / boulders above rockhead), it is considered that the most appropriate piling technique is a drilled pile system deriving load capacity in the form of a suitably designed and constructed socket within competent bedrock.

The advice of a specialist Piling Contractor should be sought regarding the most appropriate piling technique, and for the specific design and load bearing capacity of the piles.

### **11.3 FOUNDATIONS AND FLOOR SLABS** (CONTINUED)

It should be noted that due to the dissolution susceptible nature of the Dolomitic Conglomerate, the presence of dissolution cavities within the bedrock cannot be discounted. Such cavities are critical to the integrity of piles that carry point loads onto rock. It is therefore essential to prove the competency of the rock below the level at which any piles are to be founded.

Allowances should be made by the specialist Piling Contractor for carrying out suitable rotary probing at each pile location prior to pile emplacement to ensure that a sufficient thickness of competent rock (typically 5.0m) is present beneath each proposed pile toe.

It is recommended that early discussions are held with the proposed specialist Piling Contractor in order to ensure that the contract for the piling works is let on a design, construct and warranty basis.

### **11.4 EXCAVATIONS AND FORMATIONS**

Most excavations across the site should be possible with normal soil excavating machinery. However, allowances should be made for the use of pneumatic breaker attachments, or similar tools for excavations across the southern land parcel, particularly within areas of encountered shallow dolomitic conglomerate bedrock (such as at trial pit TP10 as shown in Figure 2).

Based upon observations made throughout the excavation of the trial pits and drilling of the windowless sample boreholes, excavations are unlikely to encounter significant groundwater inflows. Any groundwater inflows, together with any rainfall infiltrations, should be dealt with by using conventional pumping techniques.

Overbreak and spalling of excavation sides should be allowed for and potential over pouring of concrete.

As the site is susceptible to solution features, it is critical that site procedures are adopted for the control of rainwater run-off. Formations and reduced levels subject to sustained storm water flows may be significantly affected if control measures are not adopted.

It may also be necessary to construct drainage grips to take any rainwater away from the dwellings during the construction works in order to ensure that the rainwater does not accumulate around the foundations / floor slabs of the proposed buildings.

## 11.5 EXTERNAL HARDSTANDING AREAS

Following the successful completion of the recommended HEC ground improvement works (as detailed above in Section 11.2), for external hardstandings areas, California Bearing Ratio (CBR) values of 4% may be achievable, subject to adequate protection of formations.

After proof rolling the formations, any 'soft spots/areas' should be removed and replaced with well-compacted imported granular materials. Department of Transport (DTp) type 1 Sub-Base, or similar approved, could be used and should be compacted in layers in accordance with the current DTp specification for Highway Works.

Formations should be regarded as frost susceptible.

Insitu field CBR testes 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.

Given the identified solution feature risk at the site, in-order to protect against the effects of potential future sinkhole occurrences / subsidence events, it is recommended that all hardstanding formations incorporate geogrid reinforcement to aid in resisting the effects of potential loss of support. A flexible road construction should be used. These measures may not prevent long-term settlements resulting from the formation of sinkholes occurring, but they should help to minimise any differential settlements and make future maintenance more tolerable.

## 11.6 DRAINAGE AND SERVICES

Soil infiltration testing has been undertaken at three trial pit locations across the site (see SA01 to SA03, as indicated in Figure 2).

The results of the soil infiltration testing are summarised in Section 7.6 above (see Table 9).

The soil infiltration test results are specific to the locations and depth of the tests undertaken.

Due to the identified solution feature risk at the site, the use of soil infiltration drainage systems should be avoided if possible.

## **11.6 DRAINAGE AND SERVICES** (CONTINUED)

Extreme caution is advised when looking to utilise soil infiltration drainage systems within the shallow soils beneath the site due to the potential for solution features and the risk of generating sinkholes due to suffusion/wash out of the overlying soils into any potential dissolution widened fissures/joints or cavities in the underlying bedrock strata.

If soil infiltration drainage systems are to be utilised on-site, then they should be set away from any proposed build development (such as foundations, structures, roads, car parking areas, areas of hardstanding) by a minimum distance of 20m.

Control of site drainage and water is considered to be of critical importance. Care should be exercised to ensure that all the drainage and water services are constructed properly, such that there would be no future leakage of water from these pipes.

It is recommended that drainage runs be designed using flexible joints with steep gradients, in order to prevent any backfalls occurring as a result of future settlements associated with solution features. It is also recommended that an approved geofabric is placed underneath, in order to reduce potential differential settlements occurring along drainage runs/service ducts.

Special care should be taken at the entry detail of external services into the proposed buildings, in order to deal with potential differential movements. At these locations, flexible joints should again be used.

## **11.7 RECOMMENDED FURTHER WORKS**

Due to the susceptibility of the bedrock strata underlying the site to dissolution weathering, and the high potential formation of solution features, it is recommended that a geophysical survey is undertaken across the proposed development area in order to identify any potential anomalous ground responses which could be indicative of potential shallow solution features. Any anomalous ground readings identified from the geophysical survey (which could be indicative of potential solution features which may require remedial works) should be further investigated using targeted intrusive ground investigation techniques including trial pits and boreholes. Upon completion of the geophysical survey and any recommended follow-on targeted intrusive investigation works, the solution feature risk at the site should be reassessed and the preliminary engineering considerations and recommendation outlined in the report should be reviewed.

## 11.7 RECOMMENDED FURTHER WORKS (CONTINUED)

Further targeted site investigation works should be undertaken to locate the mine shaft on site and determine the scope of recommended treatment/stabilisation works. These works should comprise soil striping and trial trenching with a mechanical excavator and be undertaken in accordance with a permit obtained from the Coal Authority. The additional information will be used to further assess the preliminary worst-case building exclusion zone identified in Figure 2. The initial proposed development layout, as shown in Figure 3, indicates the northeast corner of the proposed building to be situated within the exclusion zone. Until Shaft 305182-003 has been located / surveyed, and an appropriate scheme of treatment designed, it is recommended that no buildings are proposed within the exclusion zone.

It is recommended that a series of 30m deep rotary open-hole boreholes are drilled across the site in order to further assess the risk from potential shallow unrecorded mine workings.

It is recommended that a series of dynamic sampled and rotary cored boreholes are drilled across the site in order to further inspect the nature and strength of the bedrock strata and to obtain geotechnical data to inform pile design.

In order to quantify the potential ground gas and mine gas risk at the site, it is recommended that a programme of ground gas monitoring is undertaken (via a series of shallow gas monitoring wells installed within a series of supplementary windowless sample boreholes). The results of the recommended ground gas monitoring will inform any requirement for the incorporation of ground gas (carbon dioxide and methane) protection measures in proposed buildings.

## **APPENDIX A**

### **ENVIROCHECK REPORT**

# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

361523509\_1\_1

**Customer Reference:**

14391/LP

**National Grid Reference:**

305450, 182190

**Slice:**

A

**Site Area (Ha):**

6.23

**Search Buffer (m):**

1000

### Site Details:

Plot 2 Industrial Development Land

Mwyndy

Pontyclun

CF72 8PN

### Client Details:

MR H Pritchard

Integral Geotechnique

Integral House

7 Beddau Way

Castlegate Business Park

Caerphilly

CF83 2AX

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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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**Report Version v53.0**

| <b>Data Type</b>  | <b>Page Number</b> | <b>On Site</b> | <b>0 to 250m</b> | <b>251 to 500m</b> | <b>501 to 1000m<br/>(*up to 2000m)</b> |
|---|--------------------|----------------|------------------|--------------------|--|
| <b>Agency &amp; Hydrological</b>                              |                    |                |                  |                    |  |
| BGS Groundwater Flooding Susceptibility                       | pg 1               | Yes            | Yes              | Yes                | n/a                                    |
| Contaminated Land Register Entries and Notices                |                    |                |                  |                    |  |
| Discharge Consents  | pg 2               |                | 5                | 9                  | 11                                     |
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| Nearest Surface Water Feature                                 | pg 11              |                | Yes              |                    |  |
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| Historical Prosecutions                                       |                    |                |                  |                    |  |
| Registered Radioactive Substances                             |                    |                |                  |                    |  |
| Substantiated Pollution Incident Register                     | pg 12              |                | 2                | 1                  | 1                                      |
| Water Abstractions  | pg 13              |                |                  | 4                  | 6 (*21)                                |
| Water Industry Act Referrals                                  |                    |                |                  |                    |  |
| Groundwater Vulnerability Map                                 | pg 21              | Yes            | n/a              | n/a                | n/a                                    |
| Bedrock Aquifer Designations                                  | pg 21              | Yes            | n/a              | n/a                | n/a                                    |
| Superficial Aquifer Designations                              | pg 21              | Yes            | n/a              | n/a                | n/a                                    |
| Source Protection Zones                                       |                    |                |                  |                    |  |
| Extreme Flooding from Rivers or Sea without Defences          | pg 21              | Yes            | Yes              | n/a                | n/a                                    |
| Flooding from Rivers or Sea without Defences                  | pg 22              | Yes            | 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 22              |                | 9                | 13                 | 74                                     |
| Water Framework Directive - Catchment                         | pg 33              | Yes            |                  |                    | Yes                                    |
| Water Framework Directive - Groundwater                       | pg 33              | Yes            |                  | Yes                |  |
| Water Framework Directive - Surface Waters                    | pg 33              |                | Yes              |                    |  |

| <b>Data Type</b>  | <b>Page Number</b> | <b>On Site</b> | <b>0 to 250m</b> | <b>251 to 500m</b> | <b>501 to 1000m<br/>(*up to 2000m)</b> |
|---|--------------------|----------------|------------------|--------------------|--|
| <b>Waste</b>  |                    |                |                  |                    |  |
| BGS Recorded Landfill Sites   |                    |                |                  |                    |  |
| Historical Landfill Sites   | pg 34              |                |                  | 2                  | 5                                      |
| Integrated Pollution Control Registered Waste Sites                 |                    |                |                  |                    |  |
| Licensed Waste Management Facilities (Landfill Boundaries)          | pg 35              |                |                  |                    | 2                                      |
| Licensed Waste Management Facilities (Locations)                    | pg 35              |                |                  |                    | 8                                      |
| Local Authority Landfill Coverage                                   | pg 37              | 1              | n/a              | n/a                | n/a                                    |
| Local Authority Recorded Landfill Sites                             |                    |                |                  |                    |  |
| Potentially Infilled Land (Non-Water)                               | pg 37              | 1              | 2                | 2                  | 17                                     |
| Potentially Infilled Land (Water)                                   | pg 39              |                | 1                | 2                  | 16                                     |
| Registered Landfill Sites   | pg 40              |                |                  |                    | 4                                      |
| Registered Waste Transfer Sites                                     | pg 41              |                |                  |                    | 2                                      |
| Registered Waste Treatment or Disposal Sites                        |                    |                |                  |                    |  |
| <b>Hazardous Substances</b>   |                    |                |                  |                    |  |
| Control of Major Accident Hazards Sites (COMAH)                     | pg 43              |                |                  |                    | 1                                      |
| Explosive Sites   | pg 43              |                |                  |                    | 1                                      |
| Notification of Installations Handling Hazardous Substances (NIHHS) |                    |                |                  |                    |  |
| Planning Hazardous Substance Consents                               |                    |                |                  |                    |  |
| Planning Hazardous Substance Enforcements                           |                    |                |                  |                    |  |

| <b>Data Type</b>  | <b>Page Number</b> | <b>On Site</b> | <b>0 to 250m</b> | <b>251 to 500m</b> | <b>501 to 1000m<br/>(*up to 2000m)</b> |
|---|--------------------|----------------|------------------|--------------------|--|
| <b>Geological</b>   |                    |                |                  |                    |  |
| BGS 1:625,000 Solid Geology                                       | pg 44              | Yes            | n/a              | n/a                | n/a                                    |
| BGS Estimated Soil Chemistry                                      | pg 44              | Yes            | Yes              | Yes                | Yes                                    |
| BGS Recorded Mineral Sites  | pg 47              | 1              | 2                | 6                  | 36                                     |
| BGS Urban Soil Chemistry  |                    |                |                  |                    |  |
| BGS Urban Soil Chemistry Averages                                 |                    |                |                  |                    |  |
| CBSCB Compensation District                                       |                    |                | n/a              | n/a                | n/a                                    |
| Coal Mining Affected Areas  | pg 55              | Yes            | n/a              | n/a                | n/a                                    |
| Mining Instability  | pg 55              | Yes            | n/a              | n/a                | n/a                                    |
| Man-Made Mining Cavities  | pg 55              |                | 1                | 3                  | 3                                      |
| Natural Cavities  | pg 56              |                |                  |                    | 6                                      |
| Non Coal Mining Areas of Great Britain                            | pg 57              | Yes            |                  | n/a                | n/a                                    |
| Potential for Collapsible Ground Stability Hazards                | pg 57              | Yes            | Yes              | n/a                | n/a                                    |
| Potential for Compressible Ground Stability Hazards               | pg 57              | Yes            | Yes              | n/a                | n/a                                    |
| Potential for Ground Dissolution Stability Hazards                | pg 58              | Yes            | Yes              | n/a                | n/a                                    |
| Potential for Landslide Ground Stability Hazards                  | pg 58              | Yes            |                  | n/a                | n/a                                    |
| Potential for Running Sand Ground Stability Hazards               | pg 58              | Yes            | Yes              | n/a                | n/a                                    |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 58              | Yes            |                  | n/a                | n/a                                    |
| Radon Potential - Radon Affected Areas                            | pg 59              | Yes            | n/a              | n/a                | n/a                                    |
| Radon Potential - Radon Protection Measures                       | pg 59              | Yes            | n/a              | n/a                | n/a                                    |
| <b>Industrial Land Use</b>  |                    |                |                  |                    |  |
| Contemporary Trade Directory Entries                              | pg 60              |                | 1                | 15                 | 22                                     |
| Fuel Station Entries  | pg 63              |                |                  |                    | 3                                      |
| Points of Interest - Commercial Services                          | pg 63              |                |                  | 7                  | 9                                      |
| Points of Interest - Education and Health                         |                    |                |                  |                    |  |
| Points of Interest - Manufacturing and Production                 | pg 65              |                | 6                | 6                  | 29                                     |
| Points of Interest - Public Infrastructure                        | pg 68              |                | 4                | 2                  | 10                                     |
| Points of Interest - Recreational and Environmental               | pg 69              |                |                  |                    | 5                                      |
| Underground Electrical Cables                                     |                    |                |                  |                    |  |

| <b>Data Type</b>                     | <b>Page Number</b> | <b>On Site</b> | <b>0 to 250m</b> | <b>251 to 500m</b> | <b>501 to 1000m<br/>(*up to 2000m)</b> |
|--------------------------------------|--------------------|----------------|------------------|--------------------|--|
| <b>Sensitive Land Use</b>            |                    |                |                  |                    |  |
| Ancient Woodland                     | pg 71              |                | 1                | 3                  | 18                                     |
| 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              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 0                            | 1       | 305500<br>182300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (E)                              | 0                            | 1       | 305500<br>182187 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SE (E)                              | 27                           | 1       | 305600<br>182150 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13NE (N)                              | 28                           | 1       | 305452<br>182400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12NE (NW)                             | 295                          | 1       | 305050<br>182450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SW (NW)                             | 321                          | 1       | 305250<br>182650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A12NE (W)                              | 323                          | 1       | 305000<br>182350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12NE (W)                              | 323                          | 1       | 305000<br>182187 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12NE (NW)                             | 342                          | 1       | 305000<br>182450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SW (N)                              | 363                          | 1       | 305300<br>182700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SW (N)                              | 370                          | 1       | 305250<br>182700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12NE (W)                              | 373                          | 1       | 304950<br>182300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A19SW (NE)                             | 382                          | 1       | 305850<br>182550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A18SW (NW)                             | 402                          | 1       | 305150<br>182700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SW (N)                              | 409                          | 1       | 305350<br>182750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SW (N)                              | 413                          | 1       | 305300<br>182750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A18SW (N)                              | 419                          | 1       | 305250<br>182750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12NE (W)                              | 428                          | 1       | 304900<br>182400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A18SW (NW)                             | 431                          | 1       | 305200<br>182750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A17SE (NW)                             | 449                          | 1       | 305000<br>182650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A19SW (NE)                             | 450                          | 1       | 305900<br>182600 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | A18SW (N)                              | 458                          | 1       | 305350<br>182800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A18SW (N)                              | 463                          | 1       | 305300<br>182800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A18SW (N)                              | 468                          | 1       | 305250<br>182800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | A19SW (NE)                             | 471                          | 1       | 305850<br>182700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A8NE (S)                               | 473                          | 1       | 305650<br>181550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | A19SW (NE)                             | 475                          | 1       | 305800<br>182750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | A12NE (W)                              | 475                          | 1       | 304850<br>182250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | A12NE (W)                              | 477                          | 1       | 304850<br>182400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A18SE (N)                              | 478                          | 1       | 305452<br>182850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A17SE (NW)                             | 486                          | 1       | 305000<br>182700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A19SW (NE)                             | 493                          | 1       | 305950<br>182600 |
| 1      | <b>Discharge Consents</b><br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewage Disposal Works - Water Company<br>Location: Llantrisant Cross Inn-Emergency<br>Authority: Natural Resources Wales<br>Catchment Area: River Ely<br>Reference: An0064201<br>Permit Version: 1<br>Effective Date: 8th September 1988<br>Issued Date: 8th September 1988<br>Revocation Date: 7th October 1992<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge: Not Supplied<br>Environment:<br>Receiving Water: Afon Clun<br><b>Status: Consent expired</b><br>Positional Accuracy: Located by supplier to within 10m | A13NW (NW)                             | 113                          | 2       | 305320<br>182450 |
| 1      | <b>Discharge Consents</b><br>Operator: Dwr Cymru Cyfyngedig<br>Property Type: Sewage Disposal Works - Water Company<br>Location: Llantrisant Cross Inn-Emergency<br>Authority: Natural Resources Wales<br>Catchment Area: River Ely<br>Reference: An0064202<br>Permit Version: 1<br>Effective Date: 8th September 1988<br>Issued Date: 8th September 1988<br>Revocation Date: 11th October 1996<br>Discharge Type: Unspecified<br>Discharge: Not Supplied<br>Environment:<br>Receiving Water: River Clun<br><b>Status: Consent expired</b><br>Positional Accuracy: Located by supplier to within 100m   | A13NW (NW)                             | 113                          | 2       | 305320<br>182450 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 2      | <p><b>Discharge Consents</b></p> <p>Operator: Maxibrite Ltd<br/> Property Type: Coke Ovens<br/> Location: Mwyndy Works Llantrisant<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: An0036601<br/> Permit Version: 1<br/> Effective Date: 16th October 1987<br/> Issued Date: 16th October 1987<br/> Revocation Date: 7th February 1994<br/> Discharge Type: Trade Effluent<br/> Discharge: Not Supplied<br/> Environment:<br/> Receiving Water: Mwyndy Brook<br/> <b>Status: Revoked and replaced by IPC Authorisation</b><br/> Positional Accuracy: Located by supplier to within 10m</p>   | A13SE (S)                              | 121                          | 2       | 305550<br>181890 |
| 3      | <p><b>Discharge Consents</b></p> <p>Operator: Meldrum S<br/> Property Type: Ordnance, Small Arms &amp; Ammo<br/> Location: Pontyclun - Ici Llantrisant De<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: Ae1006401<br/> Permit Version: 1<br/> Effective Date: 4th July 1955<br/> Issued Date: 4th July 1955<br/> Revocation Date: 18th February 1993<br/> Discharge Type: Unspecified<br/> Discharge: Not Supplied<br/> Environment:<br/> Receiving Water: Unnamed Watercourse<br/> <b>Status: Consent expired</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A13NE (E)                              | 140                          | 2       | 305700<br>182200 |
| 4      | <p><b>Discharge Consents</b></p> <p>Operator: Maxibrite Ltd<br/> Property Type: Not Supplied<br/> Location: Mwyndy Works. Llantrisant<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: AN0224901<br/> Permit Version: Not Supplied<br/> Effective Date: 28th February 1991<br/> Issued Date: 28th February 1991<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Mwyndy Brook-Culverted Section<br/> <b>Status: Effective</b><br/> Positional Accuracy: Manually positioned within the geographical locality</p> | A8NE (S)                               | 218                          | 2       | 305600<br>181800 |
| 5      | <p><b>Discharge Consents</b></p> <p>Operator: Mason Industrial Roofing Ltd<br/> Property Type: Not Supplied<br/> Location: Mwyndy Lane Ind Est Mwyndy Pontycl, Mwyndy, Pontyclun, Rhondda Cynon Taff<br/> Authority: Natural Resources Wales<br/> Catchment Area: NANT CLUN - SOURCE TO CONF ELY R<br/> Reference: AN0242301<br/> Permit Version: 1<br/> Effective Date: 4th August 1993<br/> Issued Date: 4th August 1993<br/> Revocation Date: 10th April 2018<br/> Discharge Type: Not Supplied<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Mwyndy Brook<br/> <b>Status: Revoked</b><br/> Positional Accuracy: Located by supplier to within 10m</p>                     | A8NE (S)                               | 328                          | 2       | 305650<br>181700 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 6      | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Sewers - Water Company<br/> Location: Penygawsi - Sso, Talbot Green, Cf72 8rp<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: AN0187601<br/> Permit Version: 1<br/> Effective Date: 27th July 1990<br/> Issued Date: 27th July 1990<br/> Revocation Date: 30th March 2009<br/> Discharge Type: Public Sewage: Storm Sewage Overflow<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: R. Clun<br/> <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b><br/> Positional Accuracy: Located by supplier to within 100m</p>                          | A12NE (NW)                             | 362                          | 2       | 305000<br>182500 |
| 7      | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Sewers - Water Company<br/> Location: Penygawsi Cso, Adj To A473 / A4119 Roundabout, Llantrisant, Rct, Cf72 8rp<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: An0187601<br/> Permit Version: Not Supplied<br/> Effective Date: 22nd October 2019<br/> Issued Date: 22nd October 2019<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: River Clun<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p> | A12NE (W)                              | 379                          | 2       | 304946<br>182376 |
| 7      | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Sewers - Water Company<br/> Location: Penygawsi - Sso, Talbot Green, Cf72 8rp<br/> Authority: Natural Resources Wales<br/> Catchment Area: NANT CLUN - SOURCE TO CONF ELY R<br/> Reference: An0187601<br/> Permit Version: 2<br/> Effective Date: 31st March 2009<br/> Issued Date: 25th March 2009<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: R. Clun<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p>                                 | A12NE (W)                              | 379                          | 2       | 304946<br>182376 |
| 7      | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Sewers - Water Company<br/> Location: Penygawsi - Sso, Talbot Green, Cf72 8rp<br/> Authority: Natural Resources Wales<br/> Catchment Area: NANT CLUN - SOURCE TO CONF ELY R<br/> Reference: An0187601<br/> Permit Version: 2<br/> Effective Date: 31st March 2009<br/> Issued Date: 25th March 2009<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: R. Clun<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p>                                 | A12NE (W)                              | 379                          | 2       | 304946<br>182376 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 8      | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Sewers - Water Company<br/> Location: Cross Inn - Sso<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: Ae1012901<br/> Permit Version: 1<br/> Effective Date: 10th November 1960<br/> Issued Date: 10th November 1960<br/> Revocation Date: 11th October 1996<br/> Discharge Type: Unspecified<br/> Discharge: Not Supplied<br/> Environment:<br/> Receiving Water: River Clun<br/> <b>Status: Consent expired</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A17SE (NW)                             | 426                          | 2       | 305100<br>182700 |
| 9      | <p><b>Discharge Consents</b></p> <p>Operator: Taylor Wimpey Uk Limited<br/> Property Type: General Construction Work<br/> Location: Taylor Wimpey, Cefn Yr Hendy, Ffordd Cefn-Yr-Hendy, Miskin, Pontyclun, Cf72 8ry<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: Cb3996cd<br/> Permit Version: Not Supplied<br/> Effective Date: 22nd August 2023<br/> Issued Date: 22nd August 2023<br/> Revocation Date: Not Supplied<br/> Discharge Type: Trade Discharges - Site Drainage<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Afon Clun<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p>      | A12NE (W)                              | 435                          | 2       | 304888<br>182329 |
| 10     | <p><b>Discharge Consents</b></p> <p>Operator: Evan G Jones (Builders) Ltd<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: Mwyndybach Near Llantrisant<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: Af4018801<br/> Permit Version: 1<br/> Effective Date: 14th May 1976<br/> Issued Date: 14th May 1976<br/> Revocation Date: 31st October 1996<br/> Discharge Type: Unspecified<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Nant Brofiscin<br/> <b>Status: Lapsed (under Environment Act 1995, Schedule 23)</b><br/> Positional Accuracy: Located by supplier to within 100m</p>                              | A8NE (SE)                              | 439                          | 2       | 305700<br>181600 |
| 11     | <p><b>Discharge Consents</b></p> <p>Operator: Vehicle Inspectorate<br/> Property Type: Not Supplied<br/> Location: Llantrisant Gvts School Road Miskin, School Road Miskin Pontyclun<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: AN0246301<br/> Permit Version: Not Supplied<br/> Effective Date: 28th March 1994<br/> Issued Date: 28th March 1994<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: The Mwyndy Brook<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p> | A8NE (S)                               | 464                          | 2       | 305600<br>181550 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 12     | <p><b>Discharge Consents</b></p> <p>Operator: Taylor Wimpey Uk Limited<br/> Property Type: General Construction Work<br/> Location: Taylor Wimpey, Cefn Yr Hendy, Ffordd Cefn-Yr-Hendy, Miskin, Pontyclun, Cf72 8ry<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: Cb3996cd<br/> Permit Version: Not Supplied<br/> Effective Date: 22nd August 2023<br/> Issued Date: 22nd August 2023<br/> Revocation Date: Not Supplied<br/> Discharge Type: Trade Discharges - Site Drainage<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Afon Clun<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p>   | A12SW (W)                              | 631                          | 2       | 304733<br>182102 |
| 13     | <p><b>Discharge Consents</b></p> <p>Operator: Tarmac Heavy Building Materials Uk Ltd<br/> Property Type: Extraction Of Other Minerals<br/> Location: Hendy Quarry School Road Miskin, School Road, Cf72 8pg<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: AN028270101<br/> Permit Version: 1<br/> Effective Date: 5th August 1998<br/> Issued Date: 5th August 1998<br/> Revocation Date: 2nd August 2007<br/> Discharge Type: Trade Effluent<br/> Discharge: Not Supplied<br/> Environment:<br/> Receiving Water: Groundwater<br/> <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br/> Positional Accuracy: Located by supplier to within 10m</p>                        | A8SW (S)                               | 632                          | 2       | 305380<br>181360 |
| 14     | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: Penygawsi Stw<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: Ag0008401<br/> Permit Version: 1<br/> Effective Date: 24th December 1981<br/> Issued Date: 24th December 1981<br/> Revocation Date: 24th April 1989<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br/> Discharge: Not Supplied<br/> Environment:<br/> Receiving Water: Unamed Trib Of Afon Clun<br/> <b>Status: Consent expired</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A17SW (NW)                             | 676                          | 2       | 304700<br>182600 |
| 15     | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Pumping Stations<br/> Location: Ps Emergency Overflow Newpark Talbo, Newpark Talbot Green<br/> Authority: Natural Resources Wales<br/> Catchment Area: NANT CLUN - SOURCE TO CONF ELY R<br/> Reference: Ag0012501<br/> Permit Version: 2<br/> Effective Date: 21st July 1995<br/> Issued Date: 20th July 1995<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Sewage Treatment Works Storm Overflow/Storm Tank - Not Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Surface Water Drain Then To Ri<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 100m</p> | A12NW (W)                              | 724                          | 2       | 304600<br>182300 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 15     | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewerage Network - Pumping Staions<br/> Location: Ps Emergency Overflow Newpark Talbo, Newpark Talbot Green<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: Ag0012501<br/> Permit Version: Not Supplied<br/> Effective Date: 21st July 1995<br/> Issued Date: 20th July 1995<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Sewage Treatment Works Storm Overflow/Storm Tank - Not Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Surface Water Drain Then To Ri<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 100m</p>             | A12NW (W)                              | 724                          | 2       | 304600<br>182300 |
| 15     | <p><b>Discharge Consents</b></p> <p>Operator: Newydd Housing Association Ltd<br/> Property Type: Sewerage Network - Pumping Station - Water Company<br/> Location: Ps Emergency Overflow Newpark Talbo, Newpark Talbot Green<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Given<br/> Reference: AG0012501<br/> Permit Version: 2<br/> Effective Date: 21st July 1995<br/> Issued Date: 20th July 1995<br/> Revocation Date: Not Supplied<br/> Discharge Type: Storm sewage overflow discharge<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Surface Water Drain Then To Ri<br/> <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b><br/> Positional Accuracy: Located by supplier to within 100m</p> | A12NW (W)                              | 724                          | 2       | 304600<br>182300 |
| 16     | <p><b>Discharge Consents</b></p> <p>Operator: Mitchells &amp; Butlers Retail Limited<br/> Property Type: Public Houses &amp; Bars<br/> Location: Castell-Y-Mynach Inn Pontyclun<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: AN0023901<br/> Permit Version: Not Supplied<br/> Effective Date: 2nd April 1987<br/> Issued Date: 2nd April 1987<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Stream<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A8SE (S)                               | 728                          | 2       | 305700<br>181300 |
| 17     | <p><b>Discharge Consents</b></p> <p>Operator: Tarmac Heavy Building Materials UK Ltd<br/> Property Type: Extraction Of Stone, Gravel Etc.<br/> Location: Hendy Quarry, School Road, Miskin, Nr. Pontyclun, Mid Glamorgan, Cf72 8pg<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: AN0022101<br/> Permit Version: 1<br/> Effective Date: 31st March 1987<br/> Issued Date: 31st March 1987<br/> Revocation Date: 9th December 2012<br/> Discharge Type: Unspecified<br/> Discharge: Into Land<br/> Environment:<br/> Receiving Water: To Land<br/> <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b><br/> Positional Accuracy: Located by supplier to within 10m</p>  | A8SW (S)                               | 785                          | 2       | 305150<br>181250 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 17     | <p><b>Discharge Consents</b></p> <p>Operator: Tarmac Trading Limited<br/> Property Type: General Construction Work<br/> Location: Sewage Treatment Plant Serving, Hendy Quarry, School Road, Miskin, Near Pontyclun, Cf72 8pg<br/> Authority: Natural Resources Wales<br/> Catchment Area: Not Supplied<br/> Reference: An0022101<br/> Permit Version: Not Supplied<br/> Effective Date: 11th October 2022<br/> Issued Date: 11th October 2022<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br/> Discharge: Into Land<br/> Environment:<br/> Receiving Water: Groundwater Via Infiltration System<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p> | A8SW (S)                               | 808                          | 2       | 305158<br>181223 |
| 17     | <p><b>Discharge Consents</b></p> <p>Operator: Tarmac Trading Limited<br/> Property Type: Not Supplied<br/> Location: Hendy Quarry, School Road, Miskin, Nr. Pontyclun, Mid Glamorgan, Cf72 8pg<br/> Authority: Natural Resources Wales<br/> Catchment Area: ELY R - CONF NANT CLUN TO ALLOT GARDENS, ELY<br/> Reference: An0022101<br/> Permit Version: 2<br/> Effective Date: 14th December 2015<br/> Issued Date: 14th December 2015<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br/> Discharge: Into Land<br/> Environment:<br/> Receiving Water: Groundwater Via Infiltration System<br/> <b>Status: Effective</b><br/> Positional Accuracy: Located by supplier to within 10m</p>         | A8SW (S)                               | 808                          | 2       | 305158<br>181223 |
| 18     | <p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: New Park Stw<br/> Authority: Natural Resources Wales<br/> Catchment Area: River Ely<br/> Reference: Ag0017901<br/> Permit Version: 1<br/> Effective Date: 25th October 1983<br/> Issued Date: 25th October 1983<br/> Revocation Date: 18th April 1996<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br/> Discharge: Not Supplied<br/> Environment:<br/> Receiving Water: Afon Clun<br/> <b>Status: Consent expired</b><br/> Positional Accuracy: Located by supplier to within 100m</p>   | A17SW (NW)                             | 864                          | 2       | 304500<br>182600 |
| 19     | <p><b>Enforcement and Prohibition Notices</b></p> <p>Location: Mwyndy Industrial Estate, Mwyndy Lane, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/> Permit Reference: Not Given<br/> Enforcement Date: Not Supplied<br/> Details: Enforcement Notice served.<br/> Positional Accuracy: Unknown</p>  | A8NE (S)                               | 259                          | 3       | 305473<br>181740 |
| 20     | <p><b>Enforcement and Prohibition Notices</b></p> <p>Location: Mwyndy Industrial Estate, Mwyndy, Rhonda Cynon Taff, LLANTRISANT, Mid Glamorgan, CF72 8PN<br/> Permit Reference: SM69/99KC<br/> Enforcement Date: 22nd February 1999<br/> Details: EA Data 11/03/1999, Heavily contaminated Mwyndy Brook with solid material in breach of companys authorisation.<br/> Positional Accuracy: Automatically positioned to the address</p>  | A8NE (S)                               | 286                          | 3       | 305603<br>181731 |
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/> Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/> Authority: Environment Agency, Welsh Region<br/> Permit Reference: Bw2714<br/> Dated: 29th December 2003<br/> Process Type: IPC minor (non-substantial) variation to previous variation<br/> Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status: Revoked - Now IPPC</b><br/> Positional Accuracy: Automatically positioned to the address</p>  | A8NE (S)                               | 285                          | 3       | 305603<br>181732 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: BI1797<br/>           Dated: 8th June 2001<br/>           Process Type: IPC minor (non-substantial) variation to previous variation<br/>           Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status:</b> Authorisation superseded by a substantial or non substantial variation<br/>           Positional Accuracy: Automatically positioned to the address</p>   | A8NE (S)                               | 285                          | 3       | 305603 181732 |
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: Bi4381<br/>           Dated: 27th June 2000<br/>           Process Type: IPC minor (non-substantial) variation to previous variation<br/>           Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status:</b> Authorisation superseded by a substantial or non substantial variation<br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8NE (S)                               | 285                          | 3       | 305603 181732 |
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: BD7251<br/>           Dated: 24th November 1998<br/>           Process Type: IPC minor (non-substantial) variation to previous variation<br/>           Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status:</b> Authorisation superseded by a substantial or non substantial variation<br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8NE (S)                               | 285                          | 3       | 305603 181732 |
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: AW8718<br/>           Dated: 30th October 1996<br/>           Process Type: IPC minor (non-substantial) variation to previous variation<br/>           Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status:</b> Authorisation superseded by a substantial or non substantial variation<br/>           Positional Accuracy: Automatically positioned to the address</p>   | A8NE (S)                               | 285                          | 3       | 305603 181732 |
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: AU6072<br/>           Dated: 3rd May 1996<br/>           Process Type: IPC minor (non-substantial) variation to previous variation<br/>           Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status:</b> Authorisation superseded by a substantial or non substantial variation<br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8NE (S)                               | 285                          | 3       | 305603 181732 |
| 21     | <p><b>Integrated Pollution Controls</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: AF8696<br/>           Dated: 26th February 1993<br/>           Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation<br/>           Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry<br/> <b>Status:</b> Authorisation superseded by a substantial or non substantial variation<br/>           Positional Accuracy: Automatically positioned to the address</p> | A8NE (S)                               | 285                          | 3       | 305603 181732 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 22     | <p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Mwyndy Solid Fuel Briquette Manufacturer Ea/Epr/Vp3132lj/V002<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Authority: Natural Resources Wales<br/>           Permit Reference: VP3132LJ<br/>           Original Permit Ref: Not Supplied<br/>           Effective Date: 20th October 2010<br/> <b>Status: Effective</b><br/>           Application Type: Bespoke<br/>           App. Sub Type: Not Supplied<br/>           Positional Accuracy: Automatically positioned to the address<br/>           Activity Code: 1.2 PART A (1) J<br/>           Activity Description: Not Supplied<br/>           Primary Activity: Y</p>  | A8NE (S)                               | 285                          | 2       | 305603<br>181732 |
| 22     | <p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Solid Fuel Briquette Manufacturer Ea/Epr/Vp3132lj/V002, Mwyndy Industrial Estate, Mwyndy., Llantrisant, Rhondda Cynon Taf, CF72 8PN<br/>           Authority: Natural Resources Wales<br/>           Permit Reference: ZP3533HK<br/>           Original Permit Ref: Vp3132lj<br/>           Effective Date: 20th October 2010<br/> <b>Status: Effective</b><br/>           Application Type: Variation<br/>           App. Sub Type: Standard<br/>           Positional Accuracy: Automatically positioned to the address<br/>           Activity Code: 1.2 A(1) (J)<br/>           Activity Description: Gasification, Liquifac. And Refining; Any Pyrolysis Heat Treatment Etc Of Coal Carbonaceous Mmaterial Etc (Unless Coal Drying/Making Charcoal) Nisation, Distillation And Other Processes<br/>           Primary Activity: Y</p> | A8NE (S)                               | 285                          | 2       | 305603<br>181732 |
| 23     | <p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Tarmac Ltd<br/>           Location: Hendy Quarry Landfill, Tarmac Western Office, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Authority: Natural Resources Wales<br/>           Permit Reference: Bt1088id<br/>           Original Permit Ref: Bt1088id<br/>           Effective Date: 17th September 2002<br/> <b>Status: Superseded By Variation</b><br/>           Application Type: Application<br/>           App. Sub Type: New<br/>           Positional Accuracy: Automatically positioned to the address<br/>           Activity Code: 5.2 A(1) (B)<br/>           Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply<br/>           Primary Activity: Y</p>   | A8SW (S)                               | 824                          | 2       | 305205<br>181192 |
| 23     | <p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Tarmac Ltd<br/>           Location: Hendy Quarry Landfill, School Road, Miskin, PONTYCLUN, Mid Glamorgan, CF72 8PG<br/>           Authority: Natural Resources Wales<br/>           Permit Reference: Vp3130la<br/>           Original Permit Ref: Bt1088id<br/>           Effective Date: 21st December 2005<br/> <b>Status: Superseded By Variation</b><br/>           Application Type: Variation<br/>           App. Sub Type: Simple Standard Variation<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Activity Code: 5.2 A(1) (B)<br/>           Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply<br/>           Primary Activity: Y</p>  | A8SW (S)                               | 825                          | 2       | 305205<br>181191 |
| 23     | <p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Tarmac Ltd<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Authority: Environment Agency, Welsh Region<br/>           Permit Reference: PP3738XM<br/>           Original Permit Ref: Bt1088id<br/>           Effective Date: Not Supplied<br/> <b>Status: Valid</b><br/>           Application Type: Variation<br/>           App. Sub Type: Standard<br/>           Positional Accuracy: Automatically positioned to the address<br/>           Activity Code: 5.2 A(1) (B)<br/>           Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply<br/>           Primary Activity: Y</p>  | A8SW (S)                               | 825                          | 3       | 305205<br>181192 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 24     | <p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Tarmac Ltd<br/> Location: Tarmac Western Office, Hendy Quarry Landfill, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/> Authority: Natural Resources Wales<br/> Permit Reference: XP3933MR<br/> Original Permit Ref: Bt1088id<br/> Effective Date: 22nd June 2007<br/> <b>Status: Superseded By Variation</b><br/> Application Type: Variation<br/> App. Sub Type: Minor<br/> Positional Accuracy: Manually positioned within the geographical locality<br/> Activity Code: 5.2 A(1) (B)<br/> Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply<br/> Primary Activity: Y</p> | A3NW (S)                               | 951                          | 2       | 305340<br>181042 |
| 25     | <p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Llantwit Main Service Station<br/> Location: Cross Inn, PONTYCLUN, Mid Glamorgan, CF72 8LU<br/> Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division<br/> Permit Reference: PPC 67<br/> Dated: 21st March 2006<br/> Process Type: Local Authority Pollution Prevention and Control<br/> Description: PG1/14 Petrol filling station<br/> <b>Status: Permitted</b><br/> Positional Accuracy: Automatically positioned to the address</p>  | A8SE (S)                               | 553                          | 4       | 305458<br>181440 |
| 26     | <p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Tarmac Ltd<br/> Location: Hendy Quarry, School Road, Miskin, PONTYCLUN, Mid Glamorgan, CF72 8PG<br/> Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division<br/> Permit Reference: EPA 010<br/> Dated: 5th May 1993<br/> Process Type: Local Authority Air Pollution Control<br/> Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete<br/> <b>Status: Authorisation has varied</b><br/> Positional Accuracy: Manually positioned within the geographical locality</p>   | A8SW (S)                               | 748                          | 4       | 305243<br>181261 |
| 26     | <p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: RMC South Wales<br/> Location: Hendry Quarry, School Road, Miskin, PONTYCLUN, Mid Glamorgan, CF72 8PG<br/> Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division<br/> Permit Reference: EPA 020<br/> Dated: 26th March 1993<br/> Process Type: Local Authority Air Pollution Control<br/> Description: PG3/1 Blending, packing, loading and use of bulk cement<br/> <b>Status: Authorisation has varied</b><br/> Positional Accuracy: Manually positioned within the geographical locality</p>   | A8SW (S)                               | 768                          | 4       | 305240<br>181242 |
| 27     | <p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: T S Rees Ltd<br/> Location: Mwyndy Limeworks, Mwyndy Industrial estate, MISKIN, Mid Glamorgan, CF33 4RD<br/> Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division<br/> Permit Reference: PPC 31<br/> Dated: 30th March 2004<br/> Process Type: Local Authority Pollution Prevention and Control<br/> Description: PG3/14 Lime Processes<br/> <b>Status: Authorisation revoked</b><br/> Positional Accuracy: Located by supplier to within 10m</p>   | A9SW (SE)                              | 762                          | 4       | 306000<br>181400 |
| 28     | <p><b>Local Authority Pollution Prevention and Control Enforcements</b></p> <p>Location: Mwyndy Limeworks, Mwyndy Industrial estate, BRIDGEND, Mid Glamorgan, CF33 4RD<br/> Type: Air Pollution Control Enforcement Notice<br/> Reference: EPA-044<br/> Date Issued: Not Supplied<br/> Enforcement Date: Not Supplied<br/> Details: Failure To Maintain Records &amp; Failure To Dampen Stockpiles<br/> Positional Accuracy: Manually positioned to the address or location</p>   | A8NE (S)                               | 218                          | 4       | 305594<br>181798 |
|        | <p><b>Nearest Surface Water Feature</b></p>   | A13SE (SE)                             | 1                            | -       | 305572<br>182112 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 29     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Storm Overflow<br/>           Location: Pumping Station, At Flyover In, TALBOT GREEN<br/>           Authority: Environment Agency, Welsh Region<br/>           Pollutant: Light Oil<br/>           Note: Blocked Sewer<br/>           Incident Date: 22nd July 1995<br/>           Incident Reference: 25200<br/>           Catchment Area: Not Given<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Overflow<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p> | A12NE<br>(NW)                          | 328                          | 3       | 305001<br>182401 |
| 30     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, Welsh Region<br/>           Pollutant: Algae<br/>           Note: Not Supplied<br/>           Incident Date: 27th March 1996<br/>           Incident Reference: 27949<br/>           Catchment Area: Not Given<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>   | A19NW<br>(NE)                          | 601                          | 3       | 305800<br>182900 |
| 30     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, Welsh Region<br/>           Pollutant: Mud/Clay/Soil<br/>           Note: Not Supplied<br/>           Incident Date: 10th February 1995<br/>           Incident Reference: 22421<br/>           Catchment Area: Not Given<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>                                | A19NW<br>(NE)                          | 645                          | 3       | 305800<br>182950 |
| 31     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Behind Glamorgan Retail Park<br/>           Authority: Environment Agency, Welsh Region<br/>           Pollutant: Rubble/Litter Or Solids<br/>           Note: Not Supplied<br/>           Incident Date: 7th January 1997<br/>           Incident Reference: 30960<br/>           Catchment Area: Not Given<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>                              | A12NW<br>(W)                           | 741                          | 3       | 304600<br>182500 |
| 32     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Pumping Station, Llantri, CROSS INN<br/>           Authority: Environment Agency, Welsh Region<br/>           Pollutant: Algae<br/>           Note: Not Supplied<br/>           Incident Date: 10th March 1992<br/>           Incident Reference: 4131<br/>           Catchment Area: Not Given<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>   | A24SW<br>(N)                           | 876                          | 3       | 305800<br>183200 |
| 33     | <p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Natural Resources Wales<br/>           Incident Date: 17th February 2010<br/>           Incident Reference: 754065<br/>           Water Impact: Category 2 - Significant Incident<br/>           Air Impact: Category 4 - No Impact<br/>           Land Impact: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 10m<br/>           Pollutant: Contaminated Water: Other Contaminated Water</p>   | A13SE<br>(S)                           | 110                          | 2       | 305563<br>181902 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 34     | <p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Natural Resources Wales<br/>           Incident Date: 24th June 2009<br/>           Incident Reference: 690623<br/>           Water Impact: Category 4 - No Impact<br/>           Air Impact: Category 2 - Significant Incident<br/>           Land Impact: Category 4 - No Impact<br/>           Positional Accuracy: Located by supplier to within 10m<br/>           Pollutant: Atmospheric Pollutants and Effects: Smoke</p>  | A8NE (S)                               | 237                          | 2       | 305609<br>181783 |
| 35     | <p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Natural Resources Wales<br/>           Incident Date: 20th June 2001<br/>           Incident Reference: 10465<br/>           Water Impact: Category 2 - Significant Incident<br/>           Air Impact: Category 4 - No Impact<br/>           Land Impact: Category 4 - No Impact<br/>           Positional Accuracy: Located by supplier to within 10m<br/>           Pollutant: Pollutant Not Identified: Not Identified</p>  | A12NE (W)                              | 474                          | 2       | 304850<br>182360 |
| 36     | <p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Natural Resources Wales<br/>           Incident Date: 11th May 2020<br/>           Incident Reference: 2003267<br/>           Water Impact: Category 2 - Significant Incident<br/>           Air Impact: Category 4 - No Impact<br/>           Land Impact: Category 4 - No Impact<br/>           Positional Accuracy: Located by supplier to within 10m<br/>           Pollutant: Contaminated Water: Suspended Solids</p>   | A12NE (W)                              | 545                          | 2       | 304778<br>182343 |
| 37     | <p><b>Water Abstractions</b></p> <p>Operator: Maxibrite Ltd<br/>           Licence Number: 21/57/31/0043<br/>           Permit Version: 100<br/>           Location: Mwyndy Pool<br/>           Authority: Natural Resources Wales<br/>           Abstraction: Mineral Products: Non-Evaporative Cooling<br/>           Abstraction Type: Water may be abstracted from a single point<br/>           Source: Surface<br/>           Daily Rate (m3): Not Supplied<br/>           Yearly Rate (m3): Not Supplied<br/>           Details: Mwyndy Pool<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: 2nd March 1992<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 100m</p> | A8NE (S)                               | 260                          | 2       | 305550<br>181750 |
| 37     | <p><b>Water Abstractions</b></p> <p>Operator: Maxibrite Ltd<br/>           Licence Number: 21/57/31/0043<br/>           Permit Version: Not Supplied<br/>           Location: Abstraction From Mwyndy Pond<br/>           Authority: Natural Resources Wales<br/>           Abstraction: Mineral Products: Non-Evaporative Cooling<br/>           Abstraction Type: Not Supplied<br/>           Source: Surface<br/>           Daily Rate (m3): 312.5<br/>           Yearly Rate (m3): 75000<br/>           Details: Not Supplied<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: Not Supplied<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>                      | A8NE (S)                               | 260                          | 2       | 305550<br>181750 |
| 37     | <p><b>Water Abstractions</b></p> <p>Operator: Maxibrite Ltd<br/>           Licence Number: 21/57/31/0043<br/>           Permit Version: Not Supplied<br/>           Location: Abstraction From Mwyndy Pond<br/>           Authority: Natural Resources Wales<br/>           Abstraction: Mineral Products: Process Water<br/>           Abstraction Type: Not Supplied<br/>           Source: Surface<br/>           Daily Rate (m3): 312.5<br/>           Yearly Rate (m3): 75000<br/>           Details: Not Supplied<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: Not Supplied<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>                                | A8NE (S)                               | 260                          | 2       | 305550<br>181750 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 37     | <p><b>Water Abstractions</b></p> <p>Operator: Maxibrite Ltd<br/>Licence Number: 21/57/31/0043<br/>Permit Version: 100<br/>Location: Mwyndy Pool<br/>Authority: Natural Resources Wales<br/>Abstraction: Mineral Products: Process Water<br/>Abstraction Type: Water may be abstracted from a single point<br/>Source: Surface<br/>Daily Rate (m3): Not Supplied<br/>Yearly Rate (m3): Not Supplied<br/>Details: Licenced from 01-Jan to 31-Dec<br/>Authorised Start: 01 January<br/>Authorised End: 31 December<br/>Permit Start Date: 2nd March 1992<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 10m</p>  | A8NE (S)                               | 265                          | 2       | 305550<br>181745 |
| 38     | <p><b>Water Abstractions</b></p> <p>Operator: Tarmac Trading Limited<br/>Licence Number: 21/57/31/0010<br/>Permit Version: Not Supplied<br/>Location: Hendy Quarry, Miskin, Hendy, Pontyclun, Cf72 8yr<br/>Authority: Natural Resources Wales<br/>Abstraction: Extractive: Dewatering<br/>Abstraction Type: Not Supplied<br/>Source: Groundwater<br/>Daily Rate (m3): 6600<br/>Yearly Rate (m3): 182964.7<br/>Details: Not Supplied<br/>Authorised Start: 01 January<br/>Authorised End: 31 December<br/>Permit Start Date: Not Supplied<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 10m</p>   | A3NW (S)                               | 853                          | 2       | 305326<br>181142 |
| 38     | <p><b>Water Abstractions</b></p> <p>Operator: Tarmac Trading Limited<br/>Licence Number: 21/57/31/0010<br/>Permit Version: Not Supplied<br/>Location: Hendy Quarry, Miskin, Hendy, Pontyclun, Cf72 8yr<br/>Authority: Natural Resources Wales<br/>Abstraction: Extractive: General Washing/Process Washing<br/>Abstraction Type: Not Supplied<br/>Source: Groundwater<br/>Daily Rate (m3): 181.94<br/>Yearly Rate (m3): 50034<br/>Details: Not Supplied<br/>Authorised Start: 01 January<br/>Authorised End: 31 December<br/>Permit Start Date: Not Supplied<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 10m</p>                                 | A3NW (S)                               | 853                          | 2       | 305326<br>181142 |
| 38     | <p><b>Water Abstractions</b></p> <p>Operator: Tarmac Quarry Products Limited<br/>Licence Number: 21/57/31/0010<br/>Permit Version: 100<br/>Location: Borehole At Hendy Quarry<br/>Authority: Environment Agency, Welsh Region<br/>Abstraction: Mineral Products: Mineral Washing<br/>Abstraction Type: Water may be abstracted from a single point<br/>Source: Groundwater<br/>Daily Rate (m3): Not Supplied<br/>Yearly Rate (m3): Not Supplied<br/>Details: Borehole Athendy Quarry<br/>Authorised Start: 01 January<br/>Authorised End: 31 December<br/>Permit Start Date: 4th March 1996<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 100m</p> | A3NW (S)                               | 880                          | 3       | 305320<br>181115 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 38     | <p><b>Water Abstractions</b></p> <p>Operator: Lafarge Tarmac Trading Limited<br/> Licence Number: 21/57/31/0010<br/> Permit Version: 102<br/> Location: Borehole At Hendy Quarry<br/> Authority: Natural Resources Wales<br/> Abstraction: Mineral Products: Mineral Washing<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Hendy Quarry<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 12th September 2013<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>                  | A3NW (S)                               | 885                          | 2       | 305320<br>181110 |
| 38     | <p><b>Water Abstractions</b></p> <p>Operator: Tarmac Limited<br/> Licence Number: 21/57/31/0010<br/> Permit Version: 101<br/> Location: Borehole At Hendy Quarry<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Mineral Products: Mineral Washing<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Hendy Quarry<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 1st March 2000<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>                              | A3NW (S)                               | 885                          | 3       | 305320<br>181110 |
| 38     | <p><b>Water Abstractions</b></p> <p>Operator: Tarmac Trading Limited<br/> Licence Number: 21/57/31/0010<br/> Permit Version: Not Supplied<br/> Location: Hendy Quarry, Miskin, Hendy, Pontyclun, Cf72 8yr<br/> Authority: Natural Resources Wales<br/> Abstraction: Extractive: General Washing/Process Washing<br/> Abstraction Type: Not Supplied<br/> Source: Groundwater<br/> Daily Rate (m3): 227.3<br/> Yearly Rate (m3): 56825<br/> Details: Not Supplied<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>                                   | A3NW (S)                               | 885                          | 2       | 305320<br>181110 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0059<br/> Permit Version: 100<br/> Location: Borehole At Purolite (Point C)<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Chemicals: Process Water<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Licenced from 01-Jan to 31-Dec<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th August 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | A11NE (W)                              | 1218                         | 3       | 304115<br>182495 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0059<br/> Permit Version: 100<br/> Location: Borehole At Purolite (Point C)<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Chemicals: Non-Evaporative Cooling<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Licenced from 01-Jan to 31-Dec<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th August 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | A11NE (W)                              | 1223                         | 3       | 304110<br>182495 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0057<br/> Permit Version: Not Supplied<br/> Location: Location Description Not Available<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: General Industrial<br/> Abstraction Type: Not Supplied<br/> Source: Well And Borehole<br/> Daily Rate (m3): 1400<br/> Yearly Rate (m3): 511000<br/> Details: Not Supplied<br/> Authorised Start: Not Supplied<br/> Authorised End: Not Supplied<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>   | A11NE (W)                              | 1224                         | 3       | 304110<br>182500 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0059<br/> Permit Version: 100<br/> Location: Borehole At Purolite (Point A)<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Chemicals: Process Water<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Borehole B (1 Of 3)<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th August 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>                     | A11NW (W)                              | 1319                         | 3       | 304005<br>182375 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0059<br/> Permit Version: 100<br/> Location: Borehole At Purolite (Point A)<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Chemicals: Non-Evaporative Cooling<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Borehole A (1 Of 3)<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th August 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>           | A11NW (W)                              | 1324                         | 3       | 304000<br>182375 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0057<br/> Permit Version: Not Supplied<br/> Location: Location Description Not Available<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: General Industrial<br/> Abstraction Type: Not Supplied<br/> Source: Well And Borehole<br/> Daily Rate (m3): 300<br/> Yearly Rate (m3): 109500<br/> Details: Not Supplied<br/> Authorised Start: Not Supplied<br/> Authorised End: Not Supplied<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>  | A11NW (W)                              | 1324                         | 3       | 304000<br>182380 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0059<br/> Permit Version: 100<br/> Location: Borehole At Purolite (Point B)<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Chemicals: Process Water<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Licenced from 01-Jan to 31-Dec<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th August 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | A11NW (W)                              | 1327                         | 3       | 304005<br>182495 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0059<br/> Permit Version: 100<br/> Location: Borehole At Purolite (Point B)<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Chemicals: Non-Evaporative Cooling<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Borehole C (1 Of 3)<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th August 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p> | A11NW (W)                              | 1332                         | 3       | 304000<br>182495 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Purolite International Ltd<br/> Licence Number: 21/57/31/0057<br/> Permit Version: Not Supplied<br/> Location: Location Description Not Available<br/> Authority: Environment Agency, Welsh Region<br/> Abstraction: Cooling<br/> Abstraction Type: Not Supplied<br/> Source: Well And Borehole<br/> Daily Rate (m3): 1750<br/> Yearly Rate (m3): 638750<br/> Details: Not Supplied<br/> Authorised Start: Not Supplied<br/> Authorised End: Not Supplied<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>  | A11NW (W)                              | 1333                         | 3       | 304000<br>182500 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Pond 4 At Creigiau Golf Club (Point D)<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined In Green<br/> Authorised Start: 01 April<br/> Authorised End: 31 October<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | (E)                                    | 1722                         | 2       | 307270<br>181790 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Pond 4 At Creigiau Golf Club (Point D)<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined In Green<br/> Authorised Start: 04 January<br/> Authorised End: 10 July<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>  | (E)                                    | 1722                         | 2       | 307270<br>181790 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Pond 3 At Creigiau Golf Club (Point C)<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined In Green<br/> Authorised Start: 01 April<br/> Authorised End: 31 October<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | (E)                                    | 1724                         | 2       | 307280<br>181840 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Pond 3 At Creigiau Golf Club (Point C)<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined In Green<br/> Authorised Start: 04 January<br/> Authorised End: 10 July<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>  | (E)                                    | 1724                         | 2       | 307280<br>181840 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Pond 2 At Creigiau Golf Club (Point B)<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined In Green<br/> Authorised Start: 01 April<br/> Authorised End: 31 October<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | (E)                                    | 1738                         | 2       | 307300<br>181890 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Pond 2 At Creigiau Golf Club (Point B)<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined In Green<br/> Authorised Start: 04 January<br/> Authorised End: 10 July<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>  | (E)                                    | 1738                         | 2       | 307300<br>181890 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: Not Supplied<br/> Location: Spray Irrigation &amp; Wash Down At Creigiau Golf Club<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Transfer Between Sources<br/> Abstraction Type: Not Supplied<br/> Source: Surface<br/> Daily Rate (m3): 100<br/> Yearly Rate (m3): 3500<br/> Details: Not Supplied<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>  | (E)                                    | 1738                         | 2       | 307300<br>181890 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/> Licence Number: 21/57/31/0034<br/> Permit Version: 101<br/> Location: Spring At Creigiau Golf Club<br/> Authority: Natural Resources Wales<br/> Abstraction: Golf Courses: Lake And Pond Throughflow<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Creigiau Golf Club - Outlined Blue.<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 25th May 2004<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>          | (E)                                    | 1762                         | 2       | 307330<br>181950 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/>Licence Number: 21/57/31/0034<br/>Permit Version: 101<br/>Location: Spring At Creigiau Golf Club<br/>Authority: Natural Resources Wales<br/>Abstraction: Golf Courses: Spray Irrigation - Direct<br/>Abstraction Type: Water may be abstracted from a single point<br/>Source: Surface<br/>Daily Rate (m3): Not Supplied<br/>Yearly Rate (m3): Not Supplied<br/>Details: Creigiau Golf Club - Shown Outlined In Red<br/>Authorised Start: 01 April<br/>Authorised End: 01 October<br/>Permit Start Date: 25th May 2004<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 10m</p> | (E)                                    | 1762                         | 2       | 307330<br>181950 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/>Licence Number: 21/57/31/0034<br/>Permit Version: 100<br/>Location: Spring At Creigiau Golf Club<br/>Authority: Environment Agency, Welsh Region<br/>Abstraction: Golf Courses: Spray Irrigation - Direct<br/>Abstraction Type: Water may be abstracted from a single point<br/>Source: Surface<br/>Daily Rate (m3): Not Supplied<br/>Yearly Rate (m3): Not Supplied<br/>Details: Not Supplied<br/>Authorised Start: 01 April<br/>Authorised End: 30 September<br/>Permit Start Date: 7th December 1999<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 100m</p>               | (E)                                    | 1762                         | 3       | 307330<br>181950 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/>Licence Number: 21/57/31/0034<br/>Permit Version: Not Supplied<br/>Location: Spray Irrigation &amp; Wash Down At Creigiau Golf Club<br/>Authority: Natural Resources Wales<br/>Abstraction: Golf Courses: Lake And Pond Throughflow<br/>Abstraction Type: Not Supplied<br/>Source: Surface<br/>Daily Rate (m3): 22<br/>Yearly Rate (m3): 8052<br/>Details: Not Supplied<br/>Authorised Start: 01 January<br/>Authorised End: 31 December<br/>Permit Start Date: Not Supplied<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 10m</p>   | (E)                                    | 1762                         | 2       | 307330<br>181950 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Creigiau Golf Club Ltd<br/>Licence Number: 21/57/31/0034<br/>Permit Version: Not Supplied<br/>Location: Spray Irrigation &amp; Wash Down At Creigiau Golf Club<br/>Authority: Natural Resources Wales<br/>Abstraction: Golf Courses: Spray Irrigation - Direct<br/>Abstraction Type: Not Supplied<br/>Source: Surface<br/>Daily Rate (m3): 100<br/>Yearly Rate (m3): 3500<br/>Details: Not Supplied<br/>Authorised Start: 1 April<br/>Authorised End: 1 October<br/>Permit Start Date: Not Supplied<br/>Permit End Date: Not Supplied<br/>Positional Accuracy: Located by supplier to within 10m</p>   | (E)                                    | 1762                         | 2       | 307330<br>181950 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Principle Bedrock Aquifer - Medium Vulnerability<br/>           Combined Vulnerability: Medium<br/>           Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br/>           Pollutant Speed: Low<br/>           Bedrock Flow: Well Connected Fractures<br/>           Dilution: &gt;550 mm/year<br/>           Baseflow Index: &lt;40%<br/>           Superficial Patchiness: &lt;90%<br/>           Superficial Thickness: &lt;3m<br/>           Superficial Recharge: Low</p> | A13NE (NW)                             | 0                            | 2       | 305452<br>182187 |
|        | <p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Principle Bedrock Aquifer - Medium Vulnerability<br/>           Combined Vulnerability: Medium<br/>           Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br/>           Pollutant Speed: Low<br/>           Bedrock Flow: Well Connected Fractures<br/>           Dilution: &gt;550 mm/year<br/>           Baseflow Index: &lt;40%<br/>           Superficial Patchiness: &lt;90%<br/>           Superficial Thickness: &lt;3m<br/>           Superficial Recharge: Low</p> | A13NE (E)                              | 0                            | 2       | 305542<br>182189 |
|        | <p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Principle Bedrock Aquifer - Medium Vulnerability<br/>           Combined Vulnerability: Medium<br/>           Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer<br/>           Pollutant Speed: Low<br/>           Bedrock Flow: Well Connected Fractures<br/>           Dilution: &gt;550 mm/year<br/>           Baseflow Index: &lt;40%<br/>           Superficial Patchiness: &lt;90%<br/>           Superficial Thickness: &lt;3m<br/>           Superficial Recharge: Low</p>         | A13NE (NE)                             | 0                            | 2       | 305503<br>182250 |
|        | <p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Principle Bedrock Aquifer - Medium Vulnerability<br/>           Combined Vulnerability: Medium<br/>           Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer<br/>           Pollutant Speed: Low<br/>           Bedrock Flow: Well Connected Fractures<br/>           Dilution: &gt;550 mm/year<br/>           Baseflow Index: &lt;40%<br/>           Superficial Patchiness: &lt;90%<br/>           Superficial Thickness: &lt;3m<br/>           Superficial Recharge: Low</p> | A13SE (S)                              | 0                            | 2       | 305452<br>182000 |
|        | <p><b>Bedrock Aquifer Designations</b></p> <p>Aquifer Designation: Principal Aquifer</p>  | A13NE (NW)                             | 0                            | 2       | 305452<br>182187 |
|        | <p><b>Superficial Aquifer Designations</b></p> <p>Aquifer Designation: Secondary Aquifer - A</p>  | A13NE (E)                              | 0                            | 2       | 305542<br>182189 |
|        | <p><b>Superficial Aquifer Designations</b></p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>   | A13NE (NW)                             | 0                            | 2       | 305452<br>182187 |
|        | <p><b>Extreme Flooding from Rivers or Sea without Defences</b></p> <p>Flood Zone: Extent of Extreme Flooding from Rivers or Sea without Defences<br/>           Provider Name: Natural Resources Wales<br/>           Polygon Accuracy: As Supplied</p>   | A13NE (E)                              | 0                            | 2       | 305528<br>182187 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Flood Zone: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Provider Name: Natural Resources Wales<br>Polygon Accuracy: As Supplied                              | A13NW (NW)                             | 6                            | 2       | 305319<br>182315 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Flood Zone: Extent of Flooding from Rivers or Sea without Defences<br>Provider Name: Natural Resources Wales<br>Polygon Accuracy: As Supplied  | A13NE (E)                              | 0                            | 2       | 305528<br>182187 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Flood Zone: Extent of Flooding from Rivers or Sea without Defences<br>Provider Name: Natural Resources Wales<br>Polygon Accuracy: As Supplied  | A13NW (NW)                             | 9                            | 2       | 305314<br>182328 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Flood Zone: Extent of Flooding from Rivers or Sea without Defences<br>Provider Name: Natural Resources Wales<br>Polygon Accuracy: As Supplied  | A8NE (S)                               | 226                          | 2       | 305505<br>181780 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None   |  |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None  |  |                              |         |                  |
|        | <b>Flood Defences</b><br>None   |  |                              |         |                  |
| 39     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 373.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A13NE (E)                              | 1                            | 5       | 305560<br>182199 |
| 40     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 14.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1        | A13SE (SE)                             | 5                            | 5       | 305574<br>182073 |
| 41     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 167.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A13SE (SE)                             | 18                           | 5       | 305572<br>182059 |
| 42     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A13NE (N)                              | 66                           | 5       | 305499<br>182436 |
| 43     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 25.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A13NE (N)                              | 73                           | 5       | 305497<br>182444 |
| 44     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 822.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Ciun<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1    | A13NW (N)                              | 89                           | 5       | 305389<br>182434 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 45     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 396.8<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Afon Clun<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>        | A13NE (N)                              | 98                           | 5       | 305485<br>182466 |
| 46     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 303.8<br/> Watercourse Level: Not Supplied<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>          | A13SE (S)                              | 120                          | 5       | 305567<br>181893 |
| 47     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 182.4<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>     | A13NW (N)                              | 166                          | 5       | 305340<br>182505 |
| 48     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 188.9<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>     | A17SE (NW)                             | 373                          | 5       | 305025<br>182561 |
| 49     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 619.2<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Nant Cymdda-bach<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p> | A19SW (NE)                             | 380                          | 5       | 305803<br>182618 |
| 50     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 113.2<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Afon Clun<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>        | A19SW (NE)                             | 380                          | 5       | 305803<br>182618 |
| 51     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 143.8<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>     | A9NW (SE)                              | 384                          | 5       | 305878<br>181821 |
| 52     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 78.7<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A9NW (SE)                              | 385                          | 5       | 305874<br>181811 |
| 53     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 72.4<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A8NE (S)                               | 411                          | 5       | 305615<br>181606 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 54     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 208.4<br/> Watercourse Level: Not Supplied<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A9NW (SE)                              | 437                          | 5       | 305882<br>181733 |
| 55     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 174.4<br/> Watercourse Level: Not Supplied<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A14SW (SE)                             | 473                          | 5       | 305995<br>181864 |
| 56     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 2.7<br/> Watercourse Level: Underground<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>         | A8NE (S)                               | 475                          | 5       | 305624<br>181543 |
| 57     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 12.8<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>  | A8NE (S)                               | 476                          | 5       | 305622<br>181541 |
| 58     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 400.2<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p> | A19SW (NE)                             | 479                          | 5       | 305894<br>182662 |
| 59     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 209.1<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Afon Clun<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>    | A19SW (NE)                             | 479                          | 5       | 305894<br>182662 |
| 60     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 21.4<br/> Watercourse Level: Underground<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>        | A8NE (S)                               | 489                          | 5       | 305623<br>181528 |
| 61     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 258.8<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p> | A8NE (S)                               | 510                          | 5       | 305627<br>181508 |
| 62     | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 36.1<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>  | A17SE (NW)                             | 584                          | 5       | 304797<br>182591 |

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| 63     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 557.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Clun<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1    | A19SW (NE)                             | 604                          | 5       | 306061<br>182624 |
| 64     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 60.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A9NW (SE)                              | 606                          | 5       | 305886<br>181509 |
| 65     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 16.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1          | A9NW (SE)                              | 608                          | 5       | 305913<br>181527 |
| 66     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 190.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Clun<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1    | A12NW (W)                              | 617                          | 5       | 304706<br>182330 |
| 67     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 23.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1        | A12NW (W)                              | 617                          | 5       | 304706<br>182330 |
| 68     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 23.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A12NW (W)                              | 622                          | 5       | 304702<br>182353 |
| 69     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 107.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A19SW (NE)                             | 628                          | 5       | 306067<br>182668 |
| 70     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A9SW (SE)                              | 628                          | 5       | 305865<br>181471 |
| 71     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 3.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1           | A9SW (SE)                              | 630                          | 5       | 305863<br>181466 |

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| 72     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 3.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1           | A9SW (SE)                              | 631                          | 5       | 305864<br>181466 |
| 73     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 1.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1           | A9SW (SE)                              | 634                          | 5       | 305863<br>181463 |
| 74     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1   | A9SW (SE)                              | 635                          | 5       | 305863<br>181461 |
| 75     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 84.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A9SW (SE)                              | 640                          | 5       | 305860<br>181454 |
| 76     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1   | A9SW (SE)                              | 645                          | 5       | 305800<br>181419 |
| 77     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 378.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A9SW (SE)                              | 645                          | 5       | 305800<br>181419 |
| 78     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 68.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A9SW (SE)                              | 646                          | 5       | 305798<br>181417 |
| 79     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 34.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1          | A9NE (SE)                              | 647                          | 5       | 306159<br>181805 |
| 80     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 11.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A9NE (SE)                              | 681                          | 5       | 306193<br>181795 |

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| 81     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A17SW (NW)                             | 686                          | 5       | 304682<br>182583 |
| 82     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A19SE (NE)                             | 724                          | 5       | 306159<br>182698 |
| 83     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 130.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A19SE (NE)                             | 729                          | 5       | 306163<br>182702 |
| 84     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 116.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Clun<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1    | A12NW (W)                              | 803                          | 5       | 304522<br>182288 |
| 85     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 20.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1        | A12NW (W)                              | 803                          | 5       | 304522<br>182288 |
| 86     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 111.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A12NW (W)                              | 803                          | 5       | 304521<br>182309 |
| 87     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 70.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A19NW (NE)                             | 808                          | 5       | 305850<br>183107 |
| 88     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 2.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A19SE (NE)                             | 828                          | 5       | 306206<br>182824 |
| 89     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 37.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A19SE (NE)                             | 830                          | 5       | 306208<br>182825 |

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| 90     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 24.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1     | A19NW (N)                              | 832                          | 5       | 305798<br>183154 |
| 91     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 102.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1    | A19NW (N)                              | 832                          | 5       | 305798<br>183154 |
| 92     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 155.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1    | A14SE (E)                              | 832                          | 5       | 306394<br>181945 |
| 93     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 46.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1           | A14NE (E)                              | 835                          | 5       | 306352<br>182504 |
| 94     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 129.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Afon Ciun<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1       | A14NE (E)                              | 835                          | 5       | 306352<br>182504 |
| 95     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1            | A14SE (E)                              | 839                          | 5       | 306381<br>181853 |
| 96     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 50.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1     | A14SE (E)                              | 842                          | 5       | 306383<br>181847 |
| 97     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Nant Cymdda-bach<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A18NE (N)                              | 843                          | 5       | 305781<br>183171 |
| 98     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 55.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Nant Cymdda-bach<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A18NE (N)                              | 844                          | 5       | 305780<br>183172 |

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| 99     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A9SE (SE)                              | 845                          | 5       | 306178<br>181451 |
| 100    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 102.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A9SE (SE)                              | 852                          | 5       | 306185<br>181448 |
| 101    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 236.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A9SE (SE)                              | 852                          | 5       | 306185<br>181448 |
| 102    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 11.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A19SE (NE)                             | 855                          | 5       | 306299<br>182706 |
| 103    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 112.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A19SE (NE)                             | 855                          | 5       | 306299<br>182706 |
| 104    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A19SE (NE)                             | 859                          | 5       | 306299<br>182718 |
| 105    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 104.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A19SE (E)                              | 860                          | 5       | 306365<br>182548 |
| 106    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 77.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A19SE (NE)                             | 861                          | 5       | 306299<br>182721 |
| 107    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 139.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A9NE (E)                               | 872                          | 5       | 306399<br>181802 |

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| 108    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 357.7<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Nant Cymdda-bach<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p> | A23SE (N)                              | 879                          | 5       | 305750<br>183219 |
| 109    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 46.1<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A11NE (W)                              | 902                          | 5       | 304429<br>182219 |
| 110    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 309.2<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Afon Clun<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>        | A11NE (W)                              | 902                          | 5       | 304429<br>182219 |
| 111    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 14.7<br/> Watercourse Level: Underground<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>            | A11NE (W)                              | 921                          | 5       | 304405<br>182259 |
| 112    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 144.7<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>     | A14NE (E)                              | 922                          | 5       | 306450<br>182469 |
| 113    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 195.6<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Afon Clun<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>        | A14NE (E)                              | 922                          | 5       | 306450<br>182469 |
| 114    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 134.2<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>     | A11NE (W)                              | 929                          | 5       | 304397<br>182271 |
| 115    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 48.8<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A9NE (SE)                              | 936                          | 5       | 306394<br>181617 |
| 116    | <p><b>OS Water Network Lines</b></p> <p>Watercourse Form: Inland river<br/> Watercourse Length: 83.5<br/> Watercourse Level: On ground surface<br/> Permanent: True<br/> Watercourse Name: Not Supplied<br/> Catchment Name: Cynon, Ely and Rhondda<br/> Primacy: 1</p>      | A9NE (SE)                              | 942                          | 5       | 306385<br>181583 |

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| 117    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 12.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1        | A9NE (SE)                              | 942                          | 5       | 306399<br>181612 |
| 118    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 73.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1        | A9NE (SE)                              | 950                          | 5       | 306423<br>181647 |
| 119    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 370.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A9NE (SE)                              | 953                          | 5       | 306407<br>181603 |
| 120    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 32.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A9NE (SE)                              | 977                          | 5       | 306396<br>181531 |
| 121    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.2<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1         | A20SW (NE)                             | 979                          | 5       | 306470<br>182612 |
| 122    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 73.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A20SW (NE)                             | 982                          | 5       | 306472<br>182617 |
| 123    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 47.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A9NE (SE)                              | 985                          | 5       | 306418<br>181554 |
| 124    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1   | A9NE (SE)                              | 985                          | 5       | 306418<br>181554 |
| 125    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 138.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A9NE (SE)                              | 987                          | 5       | 306422<br>181559 |

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| 126    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A11NE (W)                              | 987                          | 5       | 304338<br>182389 |
| 127    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A11NE (W)                              | 987                          | 5       | 304338<br>182389 |
| 128    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 46.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1       | A11NE (W)                              | 988                          | 5       | 304337<br>182391 |
| 129    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 18.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A11NE (W)                              | 989                          | 5       | 304339<br>182437 |
| 130    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A10NW (SE)                             | 990                          | 5       | 306483<br>181690 |
| 131    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1  | A10NW (SE)                             | 990                          | 5       | 306483<br>181690 |
| 132    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.9<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1        | A10NW (SE)                             | 992                          | 5       | 306486<br>181692 |
| 133    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 50.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A11NE (W)                              | 992                          | 5       | 304332<br>182391 |
| 134    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 25.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Cynon, Ely and Rhondda<br>Primacy: 1 | A10NW (SE)                             | 996                          | 5       | 306492<br>181695 |

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|        | <b>Water Framework Directive - Catchment</b><br>Class Code: River Catchment<br>WaterBody Name: Nant Clun - source to conf Ely R<br>WaterBody ID: GB109057027100<br>Operational Catchment: Ely<br>Management: South East Valleys<br>Catchment: South East Valleys<br>Catchment Name: Not Supplied             | A13NE (NW)                             | 0                            | 2       | 305452<br>182187 |
|        | <b>Water Framework Directive - Catchment</b><br>Class Code: River Catchment<br>WaterBody Name: Ely R - conf Nant Clun to Allot Gardens, Ely<br>WaterBody ID: GB109057027260<br>Operational Catchment: Ely<br>Management: South East Valleys<br>Catchment: South East Valleys<br>Catchment Name: Not Supplied | A7NE (SW)                              | 550                          | 2       | 305080<br>181550 |
|        | <b>Water Framework Directive - Groundwater</b><br>Waterbody Name: SE Valleys Carboniferous Coal Measures<br>Waterbody ID: GB40902G201900<br>URL Address: Not Available<br>Overall Rating: Poor<br>Chemical Rating: Poor<br>Quantitative: Good<br>Measure: Good<br>Year: 2023                                 | A13NE (NW)                             | 0                            | 2       | 305452<br>182187 |
|        | <b>Water Framework Directive - Groundwater</b><br>Waterbody Name: SE Valleys Carboniferous Limestone<br>Waterbody ID: GB40901G203600<br>URL Address: Not Available<br>Overall Rating: Good<br>Chemical Rating: Good<br>Quantitative: Good<br>Measure: Good<br>Year: 2023                                     | A8NW (S)                               | 339                          | 2       | 305384<br>181652 |
| 135    | <b>Water Framework Directive - Surface Waters</b><br>Class Code: River<br>Waterbody Name: Nant Clun - source to conf Ely R<br>Waterbody ID: GB109057027100<br>URL Address: Not Supplied<br>Overall Rating: Poor<br>Chemical Rating: High<br>Classification Year: 2023  | A13NW (N)                              | 89                           | 2       | 305390<br>182434 |

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| 136    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied<br/>           Location: Llantrisant, Mid Glamorgan<br/>           Name: Old Park Farm Landfill<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD34535<br/>           First Input Date: 31st December 1994<br/>           Last Input Date: Not Supplied<br/>           Specified Waste: Not Supplied<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: Not Supplied<br/>           BGS Ref: Not Supplied<br/>           Other Ref: Not Supplied</p>  | A12NE (W)                              | 331                          | 2       | 305003<br>182251 |
| 137    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied<br/>           Location: Bute Cottages<br/>           Name: Bute Cottages Quarry<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD34521<br/>           First Input Date: Not Supplied<br/>           Last Input Date: Not Supplied<br/>           Specified Waste: Not Supplied<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: Not Supplied<br/>           BGS Ref: Not Supplied<br/>           Other Ref: Not Supplied</p>   | A8NW (S)                               | 427                          | 2       | 305324<br>181572 |
| 138    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: R G Harry Haulage<br/>           Location: Groesfaen, Phase III, Mid Glamorgan<br/>           Name: Tynewydd Farm Landfill<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD14525<br/>           First Input Date: 31st December 1995<br/>           Last Input Date: Not Supplied<br/>           Specified Waste: Deposited Waste included Inert Waste<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: 6940/0068<br/>           BGS Ref: Not Supplied<br/>           Other Ref: 56/88/0234, LF/04/95</p> | A9SW (SE)                              | 642                          | 2       | 305798<br>181420 |
| 139    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: R G Harry Haulage<br/>           Location: Tynewydd Farm, Groesfaen<br/>           Name: Tynewydd Farm Phase 1<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD14957<br/>           First Input Date: 31st December 1988<br/>           Last Input Date: 31st December 1992<br/>           Specified Waste: Deposited Waste included Inert Waste<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: 6940/0066<br/>           BGS Ref: Not Supplied<br/>           Other Ref: 2/88/13, LF/04/95</p>          | A9SW (SE)                              | 752                          | 2       | 306036<br>181441 |
| 140    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: R Harry<br/>           Location: Tynewydd<br/>           Name: Land at Tynewydd<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD14940<br/>           First Input Date: 31st December 1986<br/>           Last Input Date: 31st December 1988<br/>           Specified Waste: Deposited Waste included Inert Waste<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: 6940/0033<br/>           BGS Ref: Not Supplied<br/>           Other Ref: 2/86</p>  | A9SW (SE)                              | 803                          | 2       | 306008<br>181355 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 141    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Glen Harry Haulage<br/>           Location: Tynewydd Farm, Groesfaen, Pontyclun<br/>           Name: Tynewydd Farm Phase 2<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD14958<br/>           First Input Date: 31st December 1992<br/>           Last Input Date: Not Supplied<br/>           Specified Waste: Deposited Waste included Inert and Industrial Waste<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: 6940/0067<br/>           BGS Ref: Not Supplied<br/>           Other Ref: 1/92/26</p>                   | A9SE (SE)                              | 810                          | 2       | 306125<br>181446 |
| 142    | <p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Borough Council of Taff Ely<br/>           Location: Miskin<br/>           Name: Bute Quarry<br/>           Operator Location: Not Supplied<br/>           Boundary Accuracy: As Supplied<br/>           Provider Reference: EAHLD14931<br/>           First Input Date: 31st December 1988<br/>           Last Input Date: 16th October 1993<br/>           Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste<br/>           Type:<br/>           EA Waste Ref: 0<br/>           Regis Ref: Not Supplied<br/>           WRC Ref: 6940/0009<br/>           BGS Ref: Not Supplied<br/>           Other Ref: Not Supplied</p>                | A7SE (SW)                              | 838                          | 2       | 304932<br>181302 |
| 143    | <p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: Hendy Quarry Landfill<br/>           Licence Number: 30266<br/>           Location: School Lane, Miskin, Pontyclun, R C T, CF72 8PG<br/>           Licence Holder: Tarmac Ltd<br/>           Authority: Natural Resources Wales<br/>           Site Category: Inert LF<br/>           Max Input Rate: Not Supplied<br/> <b>Licence Status: Issued</b><br/>           Issued: 17th September 2002<br/>           Positional Accuracy: Positioned by the supplier<br/>           Boundary Accuracy: As Supplied</p>   | A8SW (S)                               | 615                          | 2       | 305389<br>181377 |
| 144    | <p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: Tynewydd Farm Landfill<br/>           Licence Number: 30175<br/>           Location: Tynewydd Farm Landfill, Groesfaen, Pontyclun, R C T, CF72 8NE<br/>           Licence Holder: Glen Harry Haulage Ltd<br/>           Authority: Natural Resources Wales<br/>           Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings)<br/>           Max Input Rate: Not Supplied<br/> <b>Licence Status: Closure</b><br/>           Issued: 1st December 1995<br/>           Positional Accuracy: Positioned by the supplier<br/>           Boundary Accuracy: As Supplied</p>  | A9SW (SE)                              | 642                          | 2       | 305798<br>181421 |
| 145    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 30266<br/>           Location: School Lane, Miskin, Pontyclun, CF72 8PG<br/>           Operator Name: Tarmac Ltd<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Inert LF<br/> <b>Licence Status: Issued</b><br/>           Issued: 17th September 2002<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: BT1088ID<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A8SW (S)                               | 719                          | 2       | 305205<br>181301 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
| 146    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: AB3298HZ<br/>           Location: Tynewydd Farm, Pendoylan Road, Groesfaen, Pontyclun, Rhondda Cynon Taff, CF72 8NE<br/>           Operator Name: Project Yellow Recycling Limited<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Physical Treatment Facilities<br/> <b>Licence Status: Effective</b><br/>           Issued: 19th September 2019<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>                             | A9SW (SE)                              | 784                          | 2       | 306028 181393 |
| 146    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: AB3298HZ<br/>           Location: Project Yellow Recycling, Tynewydd Farm, Pendoylan Road, Groesfaen, Pontyclun, Rhondda Cynon Taff, Rhondda Cynon Taff, CF72 8NE<br/>           Operator Name: Project Yellow Recycling Limited<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Not Supplied<br/> <b>Licence Status: Effective</b><br/>           Issued: 2nd January 2019<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>   | A9SW (SE)                              | 784                          | 2       | 306028 181393 |
| 146    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: AB3298HZ<br/>           Location: Project Yellow Recycling, Tynewydd Farm, Pendoylan Road, Groesfaen, Pontyclun, Rhondda Cynon Taff, Rhondda Cynon Taff, CF72 8NE<br/>           Operator Name: Project Yellow Recycling Limited<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Not Supplied<br/> <b>Licence Status: Effective</b><br/>           Issued: 25th November 2016<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A9SW (SE)                              | 784                          | 2       | 306028 181393 |
| 147    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: FB3633RD<br/>           Location: Hendy Recycling, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Operator Name: Tarmac Trading Limited<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Transfer Stations Taking Non-biodegradable Wastes<br/> <b>Licence Status: Effective</b><br/>           Issued: 11th November 2022<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>                             | A3NE (S)                               | 878                          | 2       | 305502 181118 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 147    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 103986<br/>           Location: Hendy Recycling, School Road, Miskin, Pontyclun, CF72 8PG<br/>           Operator Name: Tarmac Limited<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Transfer Stations Taking Non-biodegradable Wastes<br/> <b>Licence Status: Modified</b><br/>           Issued: 30th March 2012<br/>           Last Modified: 3rd September 2012<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A3NE (S)                               | 878                          | 2       | 305502<br>181118 |
| 148    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: BP3495FN<br/>           Location: Tynewydd Farm Landfill, Tynewydd Farm Landfill, Pontyclun, R C T, Rhondda Cynon Taff, CF72 8NE<br/>           Operator Name: Glen Harry Haulage Ltd<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings)<br/> <b>Licence Status: Revoked</b><br/>           Issued: 1st December 1995<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: 11th January 2016<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A9SW (SE)                              | 916                          | 2       | 306038<br>181239 |
| 149    | <p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: KP3795FU<br/>           Location: School Road, Miskin, Pontyclun, R C T, CF72 8PG<br/>           Operator Name: Tarmac Trading Limited<br/>           Operator Location: Not Supplied<br/>           Authority: Natural Resources Wales<br/>           Site Category: Inert LF<br/> <b>Licence Status: Effective</b><br/>           Issued: 25th September 2023<br/>           Last Modified: Not Supplied<br/>           Expires: Not Supplied<br/>           Suspended: Not Supplied<br/>           Revoked: Not Supplied<br/>           Surrendered: Not Supplied<br/>           IPPC Reference: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A3NW (S)                               | 990                          | 2       | 305405<br>181001 |
|        | <p><b>Local Authority Landfill Coverage</b></p> <p>Name: Rhondda Cynon Taff County Borough Council<br/>           - Has supplied landfill data</p>  |  | 0                            | 6       | 305452<br>182187 |
| 150    | <p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: N<br/>           Use: Unknown Filled Ground (Pit, quarry etc)<br/>           Date of Mapping: 1993</p>  | A13NE (N)                              | 0                            | -       | 305461<br>182257 |
| 151    | <p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: S<br/>           Use: Unknown Filled Ground (Pit, quarry etc)<br/>           Date of Mapping: 1993</p>  | A13SW (S)                              | 28                           | -       | 305447<br>181962 |
| 152    | <p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: S<br/>           Use: Unknown Filled Ground (Pit, quarry etc)<br/>           Date of Mapping: 1993</p>  | A8NW (S)                               | 201                          | -       | 305340<br>181802 |
| 153    | <p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: NE<br/>           Use: Unknown Filled Ground (Pit, quarry etc)<br/>           Date of Mapping: 1993</p>   | A14NW (NE)                             | 317                          | -       | 305803<br>182499 |
| 154    | <p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: E<br/>           Use: Unknown Filled Ground (Pit, quarry etc)<br/>           Date of Mapping: 1993</p>  | A14NW (E)                              | 376                          | -       | 305917<br>182350 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 155    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: S<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A8SW (S)                               | 527                          | -       | 305355<br>181467 |
| 156    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A12NW (W)                              | 619                          | -       | 304722<br>182185 |
| 157    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A18NW (N)                              | 652                          | -       | 305383<br>183012 |
| 158    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993 | A9SW (SE)                              | 700                          | -       | 306021<br>181497 |
| 159    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993 | A19NW (NE)                             | 701                          | -       | 305929<br>182936 |
| 160    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: E<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A14NE (E)                              | 728                          | -       | 306278<br>182313 |
| 161    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993 | A9SW (SE)                              | 777                          | -       | 305909<br>181324 |
| 162    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: S<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A8SE (S)                               | 828                          | -       | 305783<br>181217 |
| 163    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993 | A9NE (SE)                              | 831                          | -       | 306330<br>181735 |
| 164    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993 | A9SW (SE)                              | 850                          | -       | 306003<br>181294 |
| 165    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A12SW (W)                              | 855                          | -       | 304558<br>181906 |
| 166    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A23SE (N)                              | 861                          | -       | 305492<br>183234 |
| 167    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: W<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A11NE (W)                              | 914                          | -       | 304421<br>182191 |
| 168    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A23SE (N)                              | 944                          | -       | 305621<br>183310 |
| 169    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: E<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A10NW (E)                              | 963                          | -       | 306494<br>181797 |
| 170    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: E<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993  | A10NW (E)                              | 990                          | -       | 306510<br>181760 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 171    | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: E<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1993 | A15NW (E)                              | 997                          | -       | 306540<br>182384 |
| 172    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A12NE (W)                              | 241                          | -       | 305090<br>182274 |
| 173    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1964  | A17SE (NW)                             | 463                          | -       | 305020<br>182687 |
| 174    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A12NE (NW)                             | 491                          | -       | 304867<br>182518 |
| 175    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A18NE (N)                              | 502                          | -       | 305627<br>182861 |
| 176    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A17SE (NW)                             | 545                          | -       | 304865<br>182633 |
| 177    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A18NE (N)                              | 552                          | -       | 305704<br>182890 |
| 178    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1964  | A18NW (N)                              | 609                          | -       | 305398<br>182971 |
| 179    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A18NE (N)                              | 672                          | -       | 305729<br>183008 |
| 180    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A17SW (NW)                             | 688                          | -       | 304680<br>182581 |
| 181    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1964  | A18NE (N)                              | 699                          | -       | 305758<br>183026 |
| 182    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1900  | A18NE (N)                              | 713                          | -       | 305518<br>183086 |
| 183    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1900  | A18NE (N)                              | 764                          | -       | 305527<br>183136 |
| 184    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A17SW (NW)                             | 764                          | -       | 304666<br>182728 |
| 185    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1900  | A14NE (E)                              | 797                          | -       | 306342<br>182356 |
| 186    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1921  | A17NE (NW)                             | 855                          | -       | 304902<br>183082 |
| 187    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A14SE (E)                              | 857                          | -       | 306427<br>182005 |
| 188    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1900  | A19NW (NE)                             | 874                          | -       | 305965<br>183119 |
| 189    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1921  | A17NE (NW)                             | 925                          | -       | 304790<br>183094 |
| 190    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1947  | A17SW (NW)                             | 978                          | -       | 304453<br>182783 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 191    | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Glen Harry Haulage Ltd<br/>           Licence Reference: 2/88/13<br/>           Site Location: Tynewydd Crofta Farm, Grosfaen, Pontyclun, Mid Glamorgan<br/>           Licence Easting: 306100<br/>           Licence Northing: 181400<br/>           Operator Location: Langcross Farm, Pen Y Turnpike Road, DINAS POWYS, Mid Glamorgan, CF6 4HG</p> <p>Authority: Environment Agency Wales, South East Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Status: Record supersededSuperseded<br/>           Dated: 1st November 1988<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: 1/92/26<br/>           Licence:<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Boundary Accuracy: Not Applicable<br/>           Authorised Waste: Construction Ind. Wastes<br/>           Prohibited Waste: Biodegradable/Putrescible Waste<br/>           Combustible Waste<br/>           Free Flammable Solvents<br/>           Liquid/Sludge Wastes<br/>           Percussive Waste<br/>           Poisonous, Noxious, Polluting Wastes<br/>           Radioactive Wastes<br/>           Special Wastes<br/>           Waste Oil</p> | A9SW (SE)                              | 825                          | 3       | 306100<br>181400 |
| 191    | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Glen Harry Haulage Ltd<br/>           Licence Reference: 1/92/26<br/>           Site Location: Tynewydd Crofta Farm Extension, Grosfaen, Pontyclun, Mid Glamorgan<br/>           Licence Easting: 306150<br/>           Licence Northing: 181400<br/>           Operator Location: Langcross Farm, Pen Y Turnpike Road, DINAS POWYS, Mid Glamorgan, CF6 4HG</p> <p>Authority: Environment Agency Wales, South East Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Status: Site Closed<br/>           Dated: 1st October 1992<br/>           Preceded By: 2/88/13<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Boundary Accuracy: Not Applicable<br/>           Authorised Waste: Max.Waste Permitted By Licence<br/>           Natural Stone, Slate, Brick<br/>           Soil, Subsoil</p>   | A9SE (SE)                              | 860                          | 3       | 306150<br>181400 |
| 192    | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: W Jenkins &amp; Sons<br/>           Licence Reference: .<br/>           Site Location: Tynewydd Crofta, Grosfaen, Pontyclun, Mid Glamorgan<br/>           Licence Easting: 306020<br/>           Licence Northing: 181300<br/>           Operator Location: Tynewydd Farm, Groesfaen, Pontyclun, Mid Glamorgan</p> <p>Authority: Environment Agency Wales, South East Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Status: Record supersededSuperseded<br/>           Dated: 1st June 1986<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Boundary Accuracy: Not Applicable<br/>           Authorised Waste: Subsoil &amp; Topsoil, Inert Material Only<br/>           Prohibited Waste: Biodegradable Or Putrescent Materials<br/>           Empty Chemical/Solvent Containers<br/>           Empty Oil Containers<br/>           Toxic Or Noxious Materials</p>  | A9SW (SE)                              | 855                          | 3       | 306020<br>181300 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 193    | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Taff Ely B.C.<br/>           Licence Reference: RES 1<br/>           Site Location: Bute Quarry Landfill, Miskin, Pontyclun, Mid Glamorgan<br/>           Licence Easting: 304800<br/>           Licence Northing: 181300<br/>           Operator Location: Council Buildings, Mill Street, PONTYPRIDD, Mid Glamorgan, CF37 2TU<br/>           Authority: Environment Agency Wales, South East Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Undefined<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br/>           Dated: 1st February 1989<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Boundary Accuracy: Not Applicable<br/>           Authorised Waste: Household + Commercial Waste<br/>           Ind. Non-Toxic Waste<br/>           Prohibited Waste: Biodegradable/Putrescible Waste<br/>           Combustible Waste<br/>           Free Flammable Solvents<br/>           Liquid/Sludge Wastes<br/>           Percussive Waste<br/>           Poisonous, Noxious, Polluting Wastes<br/>           Radioactive Wastes<br/>           Special Wastes<br/>           Waste Oil</p>  | A7SE (SW)                              | 921                          | 3       | 304800<br>181300 |
| 194    | <p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Sustainable Developments Ltd<br/>           Licence Reference: EAWML30222<br/>           Site Location: Tynewydd Farm, Groesfaen, PONTYCLUN, Mid Glamorgan, CF64 4HG<br/>           Operator Location: Langcross Farm, Pen Y Turnpike Road, DINAS POWYS, Mid Glamorgan, CF6 4HG<br/>           Authority: Environment Agency Wales, South East Area<br/>           Site Category: Transfer<br/>           Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Licence Status: Operational as far as is knownOperational<br/>           Dated: 20th December 2000<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Positioned by the supplier<br/>           Boundary Quality: Good<br/>           Authorised Waste: Maximum Storage In Licence<br/>           Maximum Waste Permitted By Licence<br/>           Ukw 21.00.00 Inert Materials - Including<br/>           Ukw 21.01.02 Inert - Sub-Soils<br/>           Ukw 21.02.02 Inert - Ceramics<br/>           Ukw 22.01.01 Gen/Biodeg - Uncontaminated Topsoil<br/>           Prohibited Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00)<br/>           Liquid Wastes<br/>           Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00)<br/>           Other Waste / Waste Not Otherwise Specified<br/>           Powders<br/>           Sludge Wastes<br/>           Special Waste (As In Epa 1990:S62 Of 1996 Regs)<br/>           Wastes Likely To Produce Odours</p> | A9SW (SE)                              | 698                          | 3       | 305917<br>181420 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 195    | <p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Taff-Ely B.C.<br/>           Licence Reference: RES 2<br/>           Site Location: C.A.Site At Bute Quarry, Miskin, Pontyclun, Mid Glamorgan<br/>           Operator Location: County Building, Mill Street, PONTYPRIDD, Mid Glamorgan, CF37 2TU<br/>           Authority: Environment Agency Wales, South East Area<br/>           Site Category: Civic Amenity<br/>           Max Input Rate: Undefined<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br/>           Dated: 1st February 1989<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Approximate location provided by supplier<br/>           Boundary Quality: Not Supplied<br/>           Authorised Waste: Civic Amenity/Refuse Amenity Waste<br/>           Glass<br/>           Non-Contam. Ferrous &amp; Nonferrous Metal<br/>           Paper Waste<br/>           Waste Mineral Or Synthetic Oil</p> | A7SE (SW)                              | 858                          | 3       | 304900<br>181300 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 196    | <p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Vgensys Limited<br/>           Location: Llantrisant Depot, Porthandro Farm, Llantrisant, Mid Glamorgan, CF72 8PL<br/>           Reference: Not Supplied<br/>           Type: Lower Tier<br/>           Status: <b>Active</b><br/>           Positional Accuracy: Manually positioned to the address or location</p> | A14SE (E)                              | 881                          | 7       | 306451<br>182010 |
| 197    | <p><b>Explosive Sites</b></p> <p>Name: Llantrisant Depot/Vgensys Limited<br/>           Location: Porthando Farm, Mywyndy, Llantrisant, M Glam, Gbr<br/>           Status: <b>Active</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>   | A14NE (E)                              | 721                          | 7       | 306281<br>182243 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Triassic Rocks (Undifferentiated)   | A13SE (S)                              | 0                            | 1       | 305472<br>182116 |
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)  | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg     | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (S)                              | 0                            | 1       | 305452<br>182000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (N)                              | 36                           | 1       | 305413<br>182391 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (SE)                             | 55                           | 1       | 305599<br>182000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg     | A18SW (N)                              | 204                          | 1       | 305436<br>182571 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p> | A18SW (NW)                             | 368                          | 1       | 305187<br>182679 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p> | A12NE (W)                              | 388                          | 1       | 304936<br>182312 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>  | A18SW (N)                              | 489                          | 1       | 305310<br>182835 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p> | A18NE (NE)                             | 562                          | 1       | 305752<br>182881 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p> | A8SE (S)                               | 692                          | 1       | 305647<br>181327 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p> | A8SW (S)                               | 719                          | 1       | 305442<br>181271 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p> | A18NW (N)                              | 727                          | 1       | 305137<br>183041 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p> | A18NE (N)                              | 753                          | 1       | 305468<br>183124 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>  | A7SE (SW)                              | 762                          | 1       | 304890<br>181433 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p> | A19NW (N)                              | 767                          | 1       | 305806<br>183080 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>  | A8SE (S)                               | 771                          | 1       | 305621<br>181242 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>  | A18NW (N)                              | 807                          | 1       | 305381<br>183172 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>   | A19NW (NE)                             | 822                          | 1       | 305949<br>183069 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>  | A19NW (NE)                             | 884                          | 1       | 305900<br>183167 |
|        | <p><b>BGS Estimated Soil Chemistry</b></p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic &lt;15 mg/kg</p> <p>Concentration:</p> <p>Cadmium &lt;1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: &lt;100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>  | A16SE (W)                              | 967                          | 1       | 304382<br>182559 |
| 198    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Pont-Y-Parc</p> <p>Location: Llantrisant, Pontyclun, Glamorgan</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 127772</p> <p>Type: Underground</p> <p><b>Status: Ceased</b></p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Carboniferous</p> <p>Geology: South Wales Coal Measures Group</p> <p>Commodity: Coal - Deep</p> <p>Positional Accuracy: Located by supplier to within 10m</p> | A13NE (N)                              | 0                            | 1       | 305469<br>182271 |
| 199    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Mwyndy Terrace</p> <p>Location: Miskin, Pontyclun, Glamorgan</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 127866</p> <p>Type: Opencast</p> <p><b>Status: Ceased</b></p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Triassic</p> <p>Geology: Mercia Mudstone Group (Marginal Facies)</p> <p>Commodity: Sandstone</p> <p>Positional Accuracy: Located by supplier to within 10m</p>     | A13SE (S)                              | 79                           | 1       | 305520<br>181930 |
| 200    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Mwyndy Terrace</p> <p>Location: Pont-Y-Clun, Pontyclun, Glamorgan</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Reference: 127841</p> <p>Type: Underground</p> <p><b>Status: Ceased</b></p> <p>Operator: Unknown Operator</p> <p>Operator Location: Not Supplied</p> <p>Periodic Type: Not Available</p> <p>Geology: !</p> <p>Commodity: Iron ore - Hematite</p> <p>Positional Accuracy: Located by supplier to within 10m</p>                    | A13SE (S)                              | 157                          | 1       | 305519<br>181852 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 201    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Mwyndy Iron Ore Works<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26552<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 100m</p>    | A8NE (S)                               | 303                          | 1       | 305500<br>181700 |
| 202    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Glan-Y-Llyn<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26551<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p>               | A8NW (S)                               | 316                          | 1       | 305355<br>181680 |
| 203    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Mwyndy Iron Ore Works<br/>           Location: Groes-Faen, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26558<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A8NE (SE)                              | 325                          | 1       | 305690<br>181720 |
| 204    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Gwern-Efa<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127774<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: South Wales Coal Measures Group<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p>              | A14NW (E)                              | 348                          | 1       | 305890<br>182340 |
| 205    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Glan-Y-Llyn<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26550<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p>               | A8NW (SW)                              | 393                          | 1       | 305175<br>181675 |
| 206    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bute<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26543<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                                | A8NW (S)                               | 452                          | 1       | 305310<br>181550 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 207    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Mwyndy-Bach<br/>           Location: Pont-Y-Clun, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127842<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p>                      | A9NW (SE)                              | 511                          | 1       | 306001<br>181781 |
| 208    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bute<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26542<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                    | A8SW (S)                               | 543                          | 1       | 305200<br>181490 |
| 209    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Glan-Y-Llyn<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26549<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p>   | A7NE (SW)                              | 544                          | 1       | 304970<br>181670 |
| 210    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Ponty-Parc<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127791<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: South Wales Coal Measures Group<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A12SE (W)                              | 579                          | 1       | 304776<br>182141 |
| 211    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Llwyn-Saer<br/>           Location: Pont-Y-Clun, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127845<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Triassic<br/>           Geology: Mercia Mudstone Group (Marginal Facies)<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>   | A9NW (SE)                              | 599                          | 1       | 306062<br>181708 |
| 212    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Springs<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127793<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Rhondda Member<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p>                     | A18NW (N)                              | 605                          | 1       | 305435<br>182972 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 213    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Llwyn-Saer<br/>           Location: Miskin, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127867<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Triassic<br/>           Geology: Mercia Mudstone Group (Marginal Facies)<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>       | A9NE (SE)                              | 658                          | 1       | 306126<br>181702 |
| 214    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Coed Caerau-Bach<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127785<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Rhondda Member<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                | A19NW (NE)                             | 660                          | 1       | 305816<br>182958 |
| 215    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Mwyndy-Bach<br/>           Location: Pont-Y-Clun, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127843<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Triassic<br/>           Geology: Mercia Mudstone Group (Marginal Facies)<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A9NE (SE)                              | 660                          | 1       | 306177<br>181814 |
| 216    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn Yr Hendy<br/>           Location: Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 161299<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron Ore - Ironstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                           | A7NE (SW)                              | 669                          | 1       | 304785<br>181750 |
| 217    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn Yr Hendy<br/>           Location: Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 161300<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron Ore - Ironstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                           | A7NE (SW)                              | 674                          | 1       | 304837<br>181634 |
| 218    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Tondrygwair<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127773<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Rhondda Member<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p>                | A19NW (NE)                             | 687                          | 1       | 305935<br>182914 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 219    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Tor-Y-Coed<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127787<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: South Wales Coal Measures Group<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A14NE<br>(E)                           | 716                          | 1       | 306266<br>182313 |
| 219    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Gwern-Efa<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127776<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: South Wales Coal Measures Group<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A14NE<br>(E)                           | 730                          | 1       | 306275<br>182347 |
| 220    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Castell-Y-Mynach<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26547<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: High Tor Limestone Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>     | A8SE<br>(S)                            | 749                          | 1       | 305655<br>181270 |
| 221    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Castell-Y-Mynach<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26548<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: High Tor Limestone Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>     | A8SE<br>(S)                            | 751                          | 1       | 305755<br>181290 |
| 222    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Porthandro<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127789<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Triassic<br/>           Geology: Mercia Mudstone Group (Marginal Facies)<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>   | A14SE<br>(E)                           | 753                          | 1       | 306323<br>182013 |
| 223    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Llwyn-Saer<br/>           Location: Pont-Y-Clun, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127844<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p>                       | A14SE<br>(E)                           | 764                          | 1       | 306306<br>181864 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 224    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Croftau<br/>           Location: Groes-Faen, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26559<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: High Tor Limestone Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>             | A9SW (SE)                              | 775                          | 1       | 305905<br>181325 |
| 225    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Maendy<br/>           Location: Groes-Faen, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127872<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Cefnyrhendy Oolite Member<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                    | A9SE (SE)                              | 782                          | 1       | 306134<br>181497 |
| 226    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn Yr Hendy<br/>           Location: Pont-Y-Clun, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127839<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: South Wales Coal Measures Group<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A12SW (W)                              | 784                          | 1       | 304620<br>181946 |
| 227    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn Yr Hendy<br/>           Location: Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 161298<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron Ore - Ironstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                               | A7NW (SW)                              | 789                          | 1       | 304681<br>181687 |
| 228    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn Yr Hendy<br/>           Location: Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 161297<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron Ore - Ironstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                               | A7NW (SW)                              | 791                          | 1       | 304705<br>181631 |
| 229    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Castell-Y-Mynach<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26546<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Gully Oolite Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>              | A8SE (S)                               | 819                          | 1       | 305660<br>181200 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 230    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Llwyn-Sar<br/>           Location: Groes-Faen, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26556<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Triassic<br/>           Geology: Mercia Mudstone Group (Marginal Facies) (Dolomitic Conglomerate)<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A9NE (SE)                              | 834                          | 1       | 306325<br>181715 |
| 231    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Croftau<br/>           Location: Groes-Faen, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26555<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Gully Oolite Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A9SW (SE)                              | 848                          | 1       | 306000<br>181295 |
| 232    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Llwyn-Saer<br/>           Location: Groes-Faen, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26557<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>                                  | A9NE (SE)                              | 886                          | 1       | 306365<br>181675 |
| 233    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn Yr Hendy<br/>           Location: Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 161018<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Not Available<br/>           Geology: !<br/>           Commodity: Iron Ore - Ironstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A7NW (SW)                              | 889                          | 1       | 304603<br>181615 |
| 234    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cefn-Parc<br/>           Location: Llantrisant, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127771<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: South Wales Coal Measures Group<br/>           Commodity: Coal - Deep<br/>           Positional Accuracy: Located by supplier to within 10m</p>                          | A12NW (W)                              | 895                          | 1       | 304440<br>182193 |
| 235    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Erw Hir<br/>           Location: Cross Inn, Llantrisant, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26690<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Rhondda Member<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>   | A23SW (N)                              | 917                          | 1       | 305325<br>183270 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 236    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Erw Hir<br/>           Location: Cross Inn, Llantrisant, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 9293<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Rhondda Member<br/>           Commodity: Sandstone<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A23SE (N)                              | 919                          | 1       | 305550<br>183290 |
| 237    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Croftau<br/>           Location: Groes-Faen, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26553<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Gully Oolite Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A9SE (SE)                              | 929                          | 1       | 306160<br>181315 |
| 238    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Bute Quarry<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 26539<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Cefnyrhendy Oolite Member<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>   | A7SE (SW)                              | 960                          | 1       | 304775<br>181270 |
| 239    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Maendy<br/>           Location: Groes-Faen, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127873<br/>           Type: Underground<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Hunts Bay Oolite Subgroup<br/>           Commodity: Iron ore - Hematite<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A10NW (E)                              | 966                          | 1       | 306488<br>181771 |
| 240    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Hendy Quarry<br/>           Location: Miskin, Pontyclun, Mid Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 3814<br/>           Type: Opencast<br/> <b>Status: Active</b><br/>           Operator: Tarmac (A Crh Company)<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Pembroke Limestone Group (Friars Point Limestone Formation, Brofiscin Oolite Formation)<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p> | A3NW (S)                               | 972                          | 1       | 305375<br>181020 |
| 241    | <p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Tynewydd<br/>           Location: Miskin, Pontyclun, Glamorgan<br/>           Source: British Geological Survey, National Geoscience Information Service<br/>           Reference: 127868<br/>           Type: Opencast<br/> <b>Status: Ceased</b><br/>           Operator: Unknown Operator<br/>           Operator Location: Not Supplied<br/>           Periodic Type: Carboniferous<br/>           Geology: Friars Point Limestone Formation<br/>           Commodity: Limestone<br/>           Positional Accuracy: Located by supplier to within 10m</p>  | A4NW (SE)                              | 998                          | 1       | 306046<br>181148 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available   |  |                              |         |                  |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available   |  |                              |         |                  |
|        | <b>Coal Mining Affected Areas</b><br>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 (NW)                             | 0                            | 8       | 305452<br>182187 |
|        | <b>Mining Instability</b><br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied  | A13NE (NW)                             | 0                            | -       | 305452<br>182187 |
|        | <b>Mining Instability</b><br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied  | A13NE (E)                              | 0                            | -       | 305500<br>182187 |
|        | <b>Mining Instability</b><br>Mining Evidence: Conclusive Iron Ore Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied  | A13NE (E)                              | 0                            | -       | 305500<br>182187 |
|        | <b>Mining Instability</b><br>Mining Evidence: Conclusive Iron Ore Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied  | A13NE (NW)                             | 0                            | -       | 305452<br>182187 |
|        | <b>Mining Instability</b><br>Mining Evidence: Conclusive Metaliferous Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied  | A13NE (NW)                             | 0                            | -       | 305452<br>182187 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 305500<br>Northing: 181900<br>Distance: 107<br>Quadrant Reference: A13<br>Quadrant Reference: SE<br>Bearing Ref: S<br>Cavity Type: Not supplied<br>Commodity: Iron<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail: | A13SE (S)                              | 107                          | 9       | 305500<br>181900 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 305000<br>Northing: 182000<br>Distance: 408<br>Quadrant Reference: A12<br>Quadrant Reference: SE<br>Bearing Ref: W<br>Cavity Type: Not supplied<br>Commodity: Iron<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail: | A12SE (W)                              | 408                          | 9       | 305000<br>182000 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 305000<br>Northing: 182000<br>Distance: 408<br>Quadrant Reference: A12<br>Quadrant Reference: SE<br>Bearing Ref: W<br>Cavity Type: Not supplied<br>Commodity: Iron<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail: | A12SE (W)                              | 408                          | 9       | 305000<br>182000 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>Man-Made Mining Cavities</b><br>Easting: 306000<br>Northing: 182000<br>Distance: 434<br>Quadrant Reference: A14<br>Quadrant Reference: SW<br>Bearing Ref: E<br>Cavity Type: Not supplied<br>Commodity: Iron<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail:   | A14SW (E)                              | 434                          | 9       | 306000<br>182000 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 304800<br>Northing: 182200<br>Distance: 540<br>Quadrant Reference: A12<br>Quadrant Reference: NE<br>Bearing Ref: W<br>Cavity Type: Not supplied<br>Commodity: Lead<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail:   | A12NE (W)                              | 540                          | 9       | 304800<br>182200 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 305000<br>Northing: 181500<br>Distance: 639<br>Quadrant Reference: A7<br>Quadrant Reference: SE<br>Bearing Ref: SW<br>Cavity Type: Not supplied<br>Commodity: Iron<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail:   | A7SE (SW)                              | 639                          | 9       | 305000<br>181500 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 306500<br>Northing: 182200<br>Distance: 932<br>Quadrant Reference: A15<br>Quadrant Reference: NW<br>Bearing Ref: E<br>Cavity Type: Not supplied<br>Commodity: Iron<br>Solid Geology Detail: No Details<br>Superficial Geology No Details<br>Detail:   | A15NW (E)                              | 932                          | 9       | 306500<br>182200 |
|        | <b>Natural Cavities</b><br>Easting: 304850<br>Northing: 181720<br>Distance: 621<br>Quadrant Reference: A7<br>Quadrant Reference: NE<br>Bearing Ref: SW<br>Cavity Type: Sinkhole x 8<br>Solid Geology Detail: Lower Carboniferous Limestone, Lower Carboniferous Limestone<br>Superficial Geology Glacial Till and morainic drift<br>Detail: | A7NE (SW)                              | 621                          | 9       | 304850<br>181720 |
|        | <b>Natural Cavities</b><br>Easting: 304900<br>Northing: 181600<br>Distance: 642<br>Quadrant Reference: A7<br>Quadrant Reference: NE<br>Bearing Ref: SW<br>Cavity Type: Sinkhole<br>Solid Geology Detail: Carboniferous Limestone Supergroup, Dolomitic Conglomerate<br>Superficial Geology Glacial Till and morainic drift<br>Detail:       | A7NE (SW)                              | 642                          | 9       | 304900<br>181600 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <b>Natural Cavities</b><br>Easting: 304820<br>Northing: 181580<br>Distance: 718<br>Quadrant Reference: A7<br>Quadrant Reference: NE<br>Bearing Ref: SW<br>Cavity Type: Sinkhole x 1<br>Solid Geology Detail: Lower Carboniferous Limestone<br>Superficial Geology No Details<br>Detail:  | A7NE (SW)                              | 718                          | 9       | 304820<br>181580 |
|        | <b>Natural Cavities</b><br>Easting: 304800<br>Northing: 181560<br>Distance: 746<br>Quadrant Reference: A7<br>Quadrant Reference: NE<br>Bearing Ref: SW<br>Cavity Type: Sinkhole x 1, Solution Pipe x 1<br>Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Upper Carboniferous Limestone<br>Superficial Geology Glacial Till and morainic drift<br>Detail: | A7NE (SW)                              | 746                          | 9       | 304800<br>181560 |
|        | <b>Natural Cavities</b><br>Easting: 304640<br>Northing: 181890<br>Distance: 776<br>Quadrant Reference: A12<br>Quadrant Reference: SW<br>Bearing Ref: W<br>Cavity Type: Sinkhole x 9<br>Solid Geology Detail: Dolomitic Conglomerate, Middle Coal Measures<br>Superficial Geology Glacial Till and morainic drift<br>Detail:  | A12SW (W)                              | 776                          | 9       | 304640<br>181890 |
|        | <b>Natural Cavities</b><br>Easting: 304588<br>Northing: 181732<br>Distance: 856<br>Quadrant Reference: A7<br>Quadrant Reference: NW<br>Bearing Ref: SW<br>Cavity Type: Sinkhole x 4<br>Solid Geology Detail: Dolomitic Conglomerate, Middle Coal Measures<br>Superficial Geology Glacial Till and morainic drift<br>Detail:  | A7NW (SW)                              | 856                          | 9       | 304588<br>181732 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Likely<br>Source: British Geological Survey, National Geoscience Information Service  | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service   | A13NE (N)                              | 0                            | 1       | 305452<br>182350 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13NE (E)                              | 0                            | 1       | 305542<br>182189 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A18SW (N)                              | 204                          | 1       | 305436<br>182571 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service   | A13NE (E)                              | 0                            | 1       | 305542<br>182189 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (SE)                             | 139                          | 1       | 305595<br>181881 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service               | A18SW (N)                              | 204                          | 1       | 305436<br>182571 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                 | A13NE (NE)                             | 0                            | 1       | 305503<br>182250 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                      | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                | A13NW (N)                              | 36                           | 1       | 305413<br>182391 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                 | A13SW (SW)                             | 42                           | 1       | 305338<br>182137 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                 | A13SE (E)                              | 57                           | 1       | 305633<br>182157 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                 | A13SW (S)                              | 172                          | 1       | 305316<br>181846 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                  | A13NE (NE)                             | 0                            | 1       | 305503<br>182250 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                   | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                  | A13SW (SW)                             | 42                           | 1       | 305338<br>182137 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                  | A13SW (S)                              | 172                          | 1       | 305316<br>181846 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service               | A13NE (NE)                             | 0                            | 1       | 305503<br>182250 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                     | A13NE (E)                              | 0                            | 1       | 305542<br>182189 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service               | A13SW (SW)                             | 42                           | 1       | 305338<br>182137 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service               | A13SW (S)                              | 172                          | 1       | 305316<br>181846 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                | A18SW (N)                              | 204                          | 1       | 305436<br>182571 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE)                             | 0                            | 1       | 305503<br>182250 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13NE (NW)                             | 0                            | 1       | 305452<br>182187 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW)                             | 42                           | 1       | 305338<br>182137 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (S)                              | 172                          | 1       | 305316<br>181846 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
|        | <p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> | A13NE (NE)                             | 0                            | 1       | 305475 182225 |
|        | <p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>  | A13NE (NW)                             | 0                            | 1       | 305452 182187 |
|        | <p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>                      | A13NE (NE)                             | 0                            | 1       | 305475 182225 |
|        | <p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>                         | A13NE (NW)                             | 0                            | 1       | 305452 182187 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 242    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Wheelie Bin Cleaning Co Ltd<br/>           Location: Mwyndy Fach, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN<br/>           Classification: Cleaning Services - Domestic<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                      | A13SE (E)                              | 177                          | -       | 305744<br>182158 |
| 243    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Maxibrite<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, CF72 8PN<br/>           Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                      | A8NE (S)                               | 284                          | -       | 305600<br>181732 |
| 243    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Nexdorf Electrical Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Electrical Engineers<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                            | A8NE (S)                               | 284                          | -       | 305600<br>181732 |
| 243    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p> | A8NE (S)                               | 285                          | -       | 305603<br>181732 |
| 243    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Maxibrite Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p> | A8NE (S)                               | 285                          | -       | 305603<br>181732 |
| 244    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Miskin Van Centre<br/>           Location: Miskin, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Commercial Vehicle Dealers<br/> <b>Status: Active</b><br/>           Positional Accuracy: Manually positioned within the geographical locality</p>                                | A8NW (S)                               | 292                          | -       | 305299<br>181720 |
| 245    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wheelie Bin Cleaning Co Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Cleaning Services - Domestic<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>             | A8NE (S)                               | 339                          | -       | 305627<br>181682 |
| 245    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Wheelie Bin Cleaning Co (Wales) Ltd<br/>           Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Wheelie Bin Cleaning<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>         | A8NE (S)                               | 339                          | -       | 305627<br>181682 |
| 245    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Grave Care Services<br/>           Location: Mwyndy Cross Industries, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Cleaning Services - Domestic<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Manually positioned within the geographical locality</p>         | A8NE (S)                               | 376                          | -       | 305651<br>181650 |
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bets Autos Ltd<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br/>           Classification: Tyre Dealers<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8NW (S)                               | 366                          | -       | 305275<br>181650 |
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bets<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br/>           Classification: Garage Services<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>   | A8NW (S)                               | 406                          | -       | 305250<br>181617 |
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B E T S<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Mot Testing Centres<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>   | A8NW (S)                               | 411                          | -       | 305249<br>181613 |

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|--------|--|--|------------------------------|---------|------------------|
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Llantrisant Cars<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Car Dealers - Used<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                                 | A8NW (S)                               | 411                          | -       | 305249<br>181613 |
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Castle Car Sales<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Car Dealers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>                                 | A8NW (S)                               | 411                          | -       | 305249<br>181613 |
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bets<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Garage Services<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8NW (S)                               | 411                          | -       | 305249<br>181613 |
| 246    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B E T S<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN<br/>           Classification: Car Body Repairs<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8NW (S)                               | 411                          | -       | 305249<br>181613 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Corner Park Service Station<br/>           Location: SCHOOL ROAD, MISKIN, PONTYCLUN, CF72 8PG<br/>           Classification: Petrol Filling Stations<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                                    | A8SE (S)                               | 550                          | -       | 305450<br>181443 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Texaco<br/>           Location: Llantrisant Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8YR<br/>           Classification: Petrol Filling Stations<br/> <b>Status: Active</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>                              | A8SE (S)                               | 551                          | -       | 305450<br>181442 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Texaco<br/>           Location: Llantwit Main Service Station, Cross Inn, Pontyclun, Mid Glamorgan, CF72 8LU<br/>           Classification: Petrol Filling Stations<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                   | A8SE (S)                               | 553                          | -       | 305458<br>181440 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Corner Park Garage<br/>           Location: School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Classification: Car Dealers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A8SE (S)                               | 553                          | -       | 305458<br>181440 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G H Griffiths &amp; Sons<br/>           Location: Llantwit Main Service Station, Cross Inn, Pontyclun, Mid Glamorgan, CF72 8LU<br/>           Classification: Petrol Filling Stations<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p> | A8SE (S)                               | 553                          | -       | 305458<br>181440 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Corner Park Garage<br/>           Location: School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Classification: Car Breakdown &amp; Recovery Services<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>              | A8SE (S)                               | 553                          | -       | 305458<br>181440 |
| 247    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Corner Park Garages<br/>           Location: Llantrisant Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8YR<br/>           Classification: Car Dealers - Used<br/> <b>Status: Active</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>                      | A8SE (S)                               | 553                          | -       | 305458<br>181440 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 248    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Electron L C S Ltd<br/>           Location: 17, Fairland Close, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8QH<br/>           Classification: Laundry &amp; Dry Cleaning Supplies<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                              | A18NW (N)                              | 582                          | -       | 305355<br>182933 |
| 249    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Southgate Garage Llantrisant Ltd<br/>           Location: Old Station Yard, Main Road, Cross Inn, Pontyclun, CF72 8AZ<br/>           Classification: Garage Services<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A18NE (N)                              | 651                          | -       | 305496<br>183023 |
| 250    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D G Roberts<br/>           Location: Bryn-Yr-Haul, Cross Inn Rd, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8AY<br/>           Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Manually positioned to the address or location</p> | A18NW (N)                              | 653                          | -       | 305432<br>183020 |
| 251    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P R G Powerhouse<br/>           Location: Glamorgan Vale Retail Park, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8RP<br/>           Classification: Electrical Goods Sales, Manufacturers &amp; Wholesalers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p> | A12NW (W)                              | 665                          | -       | 304678<br>182501 |
| 252    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D J Llantrisant<br/>           Location: Cross Inn Road, Llantrisant, Pontyclun, CF72 8AY<br/>           Classification: Garage Services<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A18NW (N)                              | 738                          | -       | 305254<br>183072 |
| 252    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D J Llantrisant Ltd<br/>           Location: Cross Inn Road, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8AY<br/>           Classification: Garage Services<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>   | A18NW (N)                              | 739                          | -       | 305255<br>183073 |
| 253    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Golden Vale Dairies<br/>           Location: Main Road, Cross Inn, Pontyclun, Mid Glamorgan, CF72 8AZ<br/>           Classification: Dairies<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A18NE (N)                              | 773                          | -       | 305674<br>183128 |
| 254    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tesco Petrol Station<br/>           Location: Green Park, Talbot Green, Pontyclun, CF72 8RB<br/>           Classification: Petrol Filling Stations<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A17SW (NW)                             | 780                          | -       | 304596<br>182620 |
| 255    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tarmac<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, CF72 8PG<br/>           Classification: Asphalt &amp; Macadam Suppliers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>   | A8SW (S)                               | 818                          | -       | 305212<br>181197 |
| 255    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Rmc Readymix (Wales &amp; Western)<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Classification: Concrete &amp; Mortar Ready Mixed<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>            | A8SW (S)                               | 824                          | -       | 305205<br>181192 |
| 255    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ace Minimix<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Classification: Concrete &amp; Mortar Ready Mixed<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>                            | A8SW (S)                               | 824                          | -       | 305205<br>181192 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 255    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cemex (Uk) Ltd<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Classification: Concrete &amp; Mortar Ready Mixed<br/>           Status: <b>Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                                      | A8SW (S)                               | 824                          | -       | 305205<br>181192 |
| 255    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tarmac<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, CF72 8PG<br/>           Classification: Sand, Gravel &amp; Other Aggregates<br/>           Status: <b>Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>   | A8SW (S)                               | 825                          | -       | 305205<br>181192 |
| 255    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Braceys Builders Merchants<br/>           Location: Hendy Quarry, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG<br/>           Classification: Builders' Merchants<br/>           Status: <b>Active</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>                                   | A8SW (S)                               | 825                          | -       | 305205<br>181192 |
| 256    | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pro-Jet<br/>           Location: 14, Clos Leland, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8QN<br/>           Classification: Steam Cleaning Services<br/>           Status: <b>Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A17NW (NW)                             | 836                          | -       | 304690<br>182883 |
| 257    | <p><b>Fuel Station Entries</b></p> <p>Name: Corner Park Service Station<br/>           Location: Llantrisant Road , Miskin , Pontypridd, Rhondda Cynon Taf, CF72 8YR<br/>           Brand: TEXACO<br/>           Premises Type: Petrol Station<br/>           Status: <b>Open</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>                               | A8SE (S)                               | 553                          | -       | 305455<br>181440 |
| 258    | <p><b>Fuel Station Entries</b></p> <p>Name: Southgate Lpg Garage<br/>           Location: Cross Inn Road , Llantrisant , Pontyclun, Rhondda Cynon Taf, CF72 8YG<br/>           Brand: Unbranded<br/>           Premises Type: Not Applicable<br/>           Status: <b>Obsolete</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                                    | A18NW (N)                              | 776                          | -       | 305150<br>183094 |
| 259    | <p><b>Fuel Station Entries</b></p> <p>Name: Tesco Talbot Green Extra<br/>           Location: Green Park , Talbot Green Newpark District Shopping Centre, Pontyclun, Rhondda Cynon Taf, CF72 8RB<br/>           Brand: Tesco Extra<br/>           Premises Type: Hypermarket<br/>           Status: <b>Open</b><br/>           Positional Accuracy: Manually positioned to the address or location</p> | A17SW (NW)                             | 997                          | -       | 304465<br>182846 |
| 260    | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: B E T S Autos Ltd<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>   | A8NW (S)                               | 366                          | 10      | 305275<br>181650 |
| 260    | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Bets Garage<br/>           Location: Bets Garage, Cardiff Road, Mwyndy, Pontyclun, CF72 8PN<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>   | A8NW (S)                               | 406                          | 10      | 305250<br>181617 |
| 260    | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Bets<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>  | A8NW (S)                               | 411                          | 10      | 305249<br>181613 |
| 260    | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Bets Service Centre<br/>           Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>   | A8NW (S)                               | 411                          | 10      | 305249<br>181613 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 260    | <b>Points of Interest - Commercial Services</b><br>Name: B E T S<br>Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location  | A8NW (S)                               | 411                          | 10      | 305249 181613 |
| 260    | <b>Points of Interest - Commercial Services</b><br>Name: B E T S<br>Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location  | A8NW (S)                               | 411                          | 10      | 305249 181613 |
| 260    | <b>Points of Interest - Commercial Services</b><br>Name: B E T S<br>Location: Mwyndy Garage, Mwyndy, Pontyclun, CF72 8PN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location  | A8NW (S)                               | 411                          | 10      | 305249 181613 |
| 261    | <b>Points of Interest - Commercial Services</b><br>Name: Southgate Garage Ltd<br>Location: Old Station Yard, Main Road, Cross Inn, Pontyclun, CF72 8AZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                              | A18NE (N)                              | 648                          | 10      | 305496 183020 |
| 261    | <b>Points of Interest - Commercial Services</b><br>Name: Southgate Garage Llantrisant Ltd<br>Location: Cross Inn Motors, Main Road, Cross Inn, Llantrisant, CF72 8AZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                | A18NE (N)                              | 651                          | 10      | 305496 183023 |
| 262    | <b>Points of Interest - Commercial Services</b><br>Name: D J Llantrisant<br>Location: Cross Inn Road, Llantrisant, CF72 8AY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location   | A18NW (N)                              | 738                          | 10      | 305254 183072 |
| 262    | <b>Points of Interest - Commercial Services</b><br>Name: D J Llantrisant Ltd<br>Location: Cross Inn Road, Llantrisant, Pontyclun, CF72 8AY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location  | A18NW (N)                              | 739                          | 10      | 305255 183073 |
| 262    | <b>Points of Interest - Commercial Services</b><br>Name: Dee Jay Llantrisant<br>Location: Cross Inn Road, Llantrisant, Pontyclun, CF72 8AY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location  | A18NW (N)                              | 739                          | 10      | 305255 183073 |
| 263    | <b>Points of Interest - Commercial Services</b><br>Name: Waves Hand Car Wash Talbot Green<br>Location: Waves Car Wash Tesco Extra, Talbot Green, CF72 8RB<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                      | A17SW (NW)                             | 796                          | 10      | 304615 182702 |
| 264    | <b>Points of Interest - Commercial Services</b><br>Name: Car Wash<br>Location: Green Park, Talbot Green, Newpark District Shopping Centre, Pontyclun, Mid Glamorgan, CF72 8RB<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location  | A17SW (NW)                             | 997                          | 10      | 304465 182846 |
| 264    | <b>Points of Interest - Commercial Services</b><br>Name: Tesco Talbot Green Extra<br>Location: Green Park, Talbot Green, Newpark District Shopping Centre, Pontyclun, CF72 8RB<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A17NW (NW)                             | 999                          | 10      | 304474 182863 |

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|--------|---|--|------------------------------|---------|------------------|
| 264    | <b>Points of Interest - Commercial Services</b><br>Name: Tesco Hand Car Wash<br>Location: Green Park, Talbot Green, Pontyclun, CF72 8RB<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                           | A17NW (NW)                             | 999                          | 10      | 304473<br>182862 |
| 265    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Limekilns (Dis)<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Lime Kilns<br>Positional Accuracy: Positioned to an adjacent address or location  | A13SW (S)                              | 143                          | 10      | 305431<br>181850 |
| 265    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Lime Kilns (Disused)<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Lime Kilns<br>Positional Accuracy: Positioned to address or location   | A13SW (S)                              | 145                          | 10      | 305425<br>181847 |
| 266    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location  | A13NW (N)                              | 150                          | 10      | 305350<br>182490 |
| 266    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Treatment Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location  | A13NW (N)                              | 152                          | 10      | 305359<br>182492 |
| 267    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Sheep Dip<br>Location: CF72<br>Category: Farming<br>Class Code: Sheep Dips and Washes<br>Positional Accuracy: Positioned to address or location   | A13SW (SW)                             | 218                          | 10      | 305192<br>181974 |
| 268    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tanks<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location   | A8NE (SE)                              | 249                          | 10      | 305635<br>181779 |
| 268    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to address or location  | A8NE (SE)                              | 253                          | 10      | 305653<br>181782 |
| 268    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to address or location  | A8NE (SE)                              | 256                          | 10      | 305647<br>181776 |
| 268    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Maxibrite Ltd<br>Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, CF72 8PN<br>Category: Extractive Industries<br>Class Code: Oil and Gas Extraction, Refinery and Product Manufacture<br>Positional Accuracy: Positioned to address or location | A8NE (S)                               | 285                          | 10      | 305603<br>181732 |
| 268    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Mwyndy Industrial Estate<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Business Parks and Industrial Estates<br>Positional Accuracy: Positioned to an adjacent address or location  | A8NE (SE)                              | 326                          | 10      | 305688<br>181718 |
| 269    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location  | A8NE (S)                               | 409                          | 10      | 305662<br>181619 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 270    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A8NW (SW)                              | 436                          | 10      | 305171<br>181625 |
| 271    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                         | A8SW (S)                               | 526                          | 10      | 305442<br>181466 |
| 271    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                         | A8SW (S)                               | 580                          | 10      | 305445<br>181412 |
| 272    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Quarry<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                   | A8SW (S)                               | 530                          | 10      | 305257<br>181483 |
| 272    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Quarry<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location       | A8SW (S)                               | 562                          | 10      | 305186<br>181475 |
| 273    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tanks<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                        | A8SE (SE)                              | 551                          | 10      | 305765<br>181506 |
| 273    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to address or location                                     | A8NE (SE)                              | 553                          | 10      | 305778<br>181509 |
| 273    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to address or location                                     | A8NE (SE)                              | 557                          | 10      | 305782<br>181507 |
| 273    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to address or location                                     | A8SE (SE)                              | 559                          | 10      | 305784<br>181506 |
| 274    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NW (SE)                              | 640                          | 10      | 305962<br>181525 |
| 274    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location         | A9NW (SE)                              | 640                          | 10      | 305962<br>181525 |
| 274    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A9NW (SE)                              | 674                          | 10      | 306027<br>181539 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 275    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Pit (Dis)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location  | A19NW (NE)                             | 711                          | 10      | 305934<br>182945 |
| 276    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Limekiln (Disused)<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Lime Kilns<br>Positional Accuracy: Positioned to an adjacent address or location  | A9NE (SE)                              | 724                          | 10      | 306185<br>181673 |
| 276    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Lime Kiln (Disused)<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Lime Kilns<br>Positional Accuracy: Positioned to address or location   | A9NE (SE)                              | 746                          | 10      | 306210<br>181672 |
| 277    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location  | A14SE (E)                              | 748                          | 10      | 306287<br>181856 |
| 277    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Shaft<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location  | A14SE (E)                              | 757                          | 10      | 306293<br>181847 |
| 278    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location   | A8SW (S)                               | 809                          | 10      | 305343<br>181185 |
| 279    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: CF72<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location   | A8SW (S)                               | 817                          | 10      | 305260<br>181188 |
| 279    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tarmac Western Ltd<br>Location: Hendy Quarry, School Road, Miskin, Pontyclun, CF72 8PG<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location | A8SW (S)                               | 824                          | 10      | 305205<br>181192 |
| 279    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Lafarge Tarmac<br>Location: Hendy Quarry, School Road, Miskin, Pontyclun, CF72 8PG<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location     | A8SW (S)                               | 825                          | 10      | 305205<br>181192 |
| 279    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tarmac<br>Location: Hendy Quarry, School Road, Miskin, Pontyclun, CF72 8PG<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location             | A8SW (S)                               | 825                          | 10      | 305205<br>181192 |
| 280    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Quarry (Disused)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location   | A9NE (SE)                              | 830                          | 10      | 306327<br>181731 |
| 280    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Quarry (Disused)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location   | A9NE (SE)                              | 856                          | 10      | 306346<br>181710 |

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| 281    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Hendy Quarry (Stone)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                         | A3NW (S)                               | 896                          | 10      | 305269<br>181106 |
| 282    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Quarry (Disused)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to address or location                             | A9SE (SE)                              | 930                          | 10      | 306141<br>181297 |
| 283    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bute Quarry (Disused)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location            | A7SW (SW)                              | 959                          | 10      | 304765<br>181280 |
| 283    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Bute Quarry (Disused)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location            | A7SW (SW)                              | 959                          | 10      | 304765<br>181280 |
| 284    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Hendy Quarry<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Unspecified Quarries Or Mines<br>Positional Accuracy: Positioned to an adjacent address or location                     | A3NW (S)                               | 963                          | 10      | 305335<br>181031 |
| 284    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Hendy Quarry (Stone)<br>Location: CF72<br>Category: Extractive Industries<br>Class Code: Stone Quarrying and Preparation<br>Positional Accuracy: Positioned to an adjacent address or location           | A3NW (S)                               | 973                          | 10      | 305335<br>181021 |
| 285    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                    | A13NW (W)                              | 104                          | 10      | 305238<br>182252 |
| 285    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cefn-Y-Parc Cemetery<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                | A13NW (W)                              | 120                          | 10      | 305222<br>182249 |
| 286    | <b>Points of Interest - Public Infrastructure</b><br>Name: Chapel of Rest<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location              | A13NW (NW)                             | 179                          | 10      | 305145<br>182323 |
| 286    | <b>Points of Interest - Public Infrastructure</b><br>Name: Chapel of Rest<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to address or location                                  | A13NW (W)                              | 200                          | 10      | 305124<br>182321 |
| 287    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sewage Pumping Station<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location | A12NE (NW)                             | 355                          | 10      | 304974<br>182404 |
| 287    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sewage Pumping Station<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location | A12NE (W)                              | 405                          | 10      | 304922<br>182396 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 288    | <b>Points of Interest - Public Infrastructure</b><br>Name: Corner Park Service Station<br>Location: School Road, Miskin, Pontyclun, CF72 8PG<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                                     | A8SE (S)                               | 550                          | 10      | 305450<br>181443 |
| 288    | <b>Points of Interest - Public Infrastructure</b><br>Name: Texaco<br>Location: Llantrisant Road, Miskin, Pontyclun, CF72 8YR<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location   | A8SE (S)                               | 551                          | 10      | 305450<br>181442 |
| 288    | <b>Points of Interest - Public Infrastructure</b><br>Name: Llantwit Main Sstn<br>Location: Llantwit Main Service Station, Cross Inn, Pontyclun, CF72 8LU<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                         | A8SE (S)                               | 553                          | 10      | 305458<br>181440 |
| 288    | <b>Points of Interest - Public Infrastructure</b><br>Name: Corner Park Service Station<br>Location: Llantrisant Road, Miskin, Pontypridd, CF72 9DP<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                               | A8SE (S)                               | 553                          | 10      | 305455<br>181440 |
| 289    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sewage Works<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location  | A17SW (NW)                             | 737                          | 10      | 304642<br>182619 |
| 290    | <b>Points of Interest - Public Infrastructure</b><br>Name: Project Yellow Recycling<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Recycling Centres<br>Positional Accuracy: Positioned to an adjacent address or location   | A9SW (SE)                              | 764                          | 10      | 305982<br>181384 |
| 291    | <b>Points of Interest - Public Infrastructure</b><br>Name: Spoil Heap<br>Location: CF72<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location  | A9SW (SE)                              | 842                          | 10      | 306088<br>181367 |
| 292    | <b>Points of Interest - Public Infrastructure</b><br>Name: Tesco Petrol Station<br>Location: Green Park, Talbot Green, Pontyclun, CF72 8RB<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                                       | A17SW (NW)                             | 996                          | 10      | 304467<br>182847 |
| 292    | <b>Points of Interest - Public Infrastructure</b><br>Name: Tesco Petrol Filling Station<br>Location: Green Park, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8RB<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location                | A17SW (NW)                             | 996                          | 10      | 304468<br>182848 |
| 292    | <b>Points of Interest - Public Infrastructure</b><br>Name: Tesco Talbot Green Extra<br>Location: Green Park, Talbot Green, Newpark District Shopping Centre, Pontyclun, CF72 8RB<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A17SW (NW)                             | 997                          | 10      | 304465<br>182846 |
| 293    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location  | A18NE (N)                              | 511                          | 10      | 305512<br>182883 |
| 293    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: CF72<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location  | A18NE (N)                              | 512                          | 10      | 305511<br>182884 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 294    | <p><b>Points of Interest - Recreational and Environmental</b></p> <p>Name: Playground<br/>           Location: (Maes-Y-Wennol), CF72<br/>           Category: Recreational<br/>           Class Code: Playgrounds<br/>           Positional Accuracy: Positioned to address or location</p>    | A12SW (SW)                             | 717                          | 10      | 304704<br>181859 |
| 295    | <p><b>Points of Interest - Recreational and Environmental</b></p> <p>Name: Playground<br/>           Location: Not Supplied<br/>           Category: Recreational<br/>           Class Code: Playgrounds<br/>           Positional Accuracy: Positioned to an adjacent address or location</p> | A17NW (NW)                             | 964                          | 10      | 304685<br>183060 |
| 295    | <p><b>Points of Interest - Recreational and Environmental</b></p> <p>Name: Playground<br/>           Location: Tir Meibion Lane, CF72<br/>           Category: Recreational<br/>           Class Code: Playgrounds<br/>           Positional Accuracy: Positioned to address or location</p>   | A17NW (NW)                             | 965                          | 10      | 304686<br>183062 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 296    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14776<br>Area(m <sup>2</sup> ): 4412.73<br>Type: Ancient and Semi-Natural Woodland          | A13NE (N)                              | 143                          | 2       | 305571<br>182502 |
| 297    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14773<br>Area(m <sup>2</sup> ): 7526.81<br>Type: Ancient and Semi-Natural Woodland          | A12NE (W)                              | 428                          | 2       | 304909<br>182221 |
| 298    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 21685<br>Area(m <sup>2</sup> ): 7731.21<br>Type: Restored Ancient Woodland Site             | A8NE (S)                               | 428                          | 2       | 305632<br>181592 |
| 299    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14781<br>Area(m <sup>2</sup> ): 8547.84<br>Type: Ancient and Semi-Natural Woodland          | A19SW (NE)                             | 451                          | 2       | 305840<br>182682 |
| 300    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 8214<br>Area(m <sup>2</sup> ): 23295.18<br>Type: Ancient and Semi-Natural Woodland          | A19SW (NE)                             | 539                          | 2       | 306046<br>182527 |
| 301    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14777<br>Area(m <sup>2</sup> ): 3398.23<br>Type: Ancient and Semi-Natural Woodland          | A19SW (NE)                             | 552                          | 2       | 305975<br>182673 |
| 302    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14772<br>Area(m <sup>2</sup> ): 4590.37<br>Type: Ancient and Semi-Natural Woodland          | A7NE (SW)                              | 559                          | 2       | 305014<br>181594 |
| 303    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 21686<br>Area(m <sup>2</sup> ): 3459.03<br>Type: Restored Ancient Woodland Site             | A12SW (W)                              | 694                          | 2       | 304669<br>182096 |
| 304    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14780<br>Area(m <sup>2</sup> ): 5174.34<br>Type: Ancient and Semi-Natural Woodland          | A19SW (NE)                             | 707                          | 2       | 306032<br>182851 |
| 305    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14775<br>Area(m <sup>2</sup> ): 4376.29<br>Type: Ancient and Semi-Natural Woodland          | A14NE (E)                              | 781                          | 2       | 306303<br>182476 |
| 306    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 10494<br>Area(m <sup>2</sup> ): 87230.21<br>Type: Restored Ancient Woodland Site            | A12SW (W)                              | 801                          | 2       | 304566<br>182065 |
| 307    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 8212<br>Area(m <sup>2</sup> ): 3509.5<br>Type: Ancient and Semi-Natural Woodland            | A14NE (E)                              | 803                          | 2       | 306331<br>182454 |
| 308    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 21687<br>Area(m <sup>2</sup> ): 3387.88<br>Type: Restored Ancient Woodland Site             | A12NW (W)                              | 829                          | 2       | 304504<br>182211 |
| 309    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 48315<br>Area(m <sup>2</sup> ): 22497.22<br>Type: Ancient Woodland Site of Unknown Category | A19NW (NE)                             | 837                          | 2       | 305953<br>183084 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 310    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 21690<br>Area(m <sup>2</sup> ): 21877.31<br>Type: Restored Ancient Woodland Site    | A23SE (N)                              | 854                          | 2       | 305477<br>183226 |
| 311    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14784<br>Area(m <sup>2</sup> ): 34859.34<br>Type: Ancient and Semi-Natural Woodland | A19NW (NE)                             | 877                          | 2       | 305880<br>183169 |
| 312    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14779<br>Area(m <sup>2</sup> ): 3342.93<br>Type: Ancient and Semi-Natural Woodland  | A19SE (NE)                             | 912                          | 2       | 306297<br>182836 |
| 313    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14782<br>Area(m <sup>2</sup> ): 5787.41<br>Type: Ancient and Semi-Natural Woodland  | A19NE (NE)                             | 922                          | 2       | 306226<br>182955 |
| 314    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 14770<br>Area(m <sup>2</sup> ): 4059.63<br>Type: Ancient and Semi-Natural Woodland  | A7NW (SW)                              | 929                          | 2       | 304611<br>181514 |
| 315    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 8211<br>Area(m <sup>2</sup> ): 5489.11<br>Type: Ancient and Semi-Natural Woodland   | A15NW (E)                              | 952                          | 2       | 306500<br>182344 |
| 316    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 21669<br>Area(m <sup>2</sup> ): 657.44<br>Type: Restored Ancient Woodland Site      | A11SE (W)                              | 972                          | 2       | 304418<br>181963 |
| 317    | <b>Ancient Woodland</b><br>Name: Not Supplied<br>Reference: 42657<br>Area(m <sup>2</sup> ): 7460.82<br>Type: Plantation on Ancient Woodland     | A11SE (W)                              | 991                          | 2       | 304403<br>181948 |

| <b>Agency &amp; Hydrological</b>  | <b>Version</b>  | <b>Update Cycle</b>   |
|---|---|---|
| <b>Contaminated Land Register Entries and Notices</b><br>Cardiff Council - Pollution Control Division<br>Vale Of Glamorgan County Borough Council - Environmental Health Department<br>Natural Resources Wales<br>Rhondda Cynon Taff County Borough Council - Environmental Services    | January 2020<br>January 2020<br>November 2023<br>October 2017 | Annual Rolling Update<br>Annual Rolling Update<br>Annually<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - Welsh Region<br>Natural Resources Wales   | August 2014<br>August 2024                                    | Quarterly<br>Quarterly  |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Welsh Region   | March 2013  |   |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Welsh Region   | January 2009  |   |
| <b>Integrated Pollution Prevention And Control</b><br>Natural Resources Wales<br>Environment Agency - Welsh Region  | August 2024<br>July 2024                                      | Quarterly<br>Quarterly  |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Vale Of Glamorgan County Borough Council - Environmental Health Department<br>Cardiff Council - Pollution Control Division<br>Rhondda Cynon Taff County Borough Council - Public Health and Protection Division   | June 2014<br>March 2016<br>September 2014                     | Variable<br>Variable<br>Variable  |
| <b>Local Authority Pollution Prevention and Controls</b><br>Rhondda Cynon Taff County Borough Council - Public Health and Protection Division<br>Vale Of Glamorgan County Borough Council - Environmental Health Department<br>Cardiff Council - Pollution Control Division             | December 2020<br>June 2014<br>March 2016                      | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update             |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Rhondda Cynon Taff County Borough Council - Public Health and Protection Division<br>Vale Of Glamorgan County Borough Council - Environmental Health Department<br>Cardiff Council - Pollution Control Division | December 2020<br>June 2014<br>March 2016                      | Variable<br>Variable<br>Variable  |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey   | September 2024  |   |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Welsh Region  | December 1998   |   |
| <b>Historical Prosecutions</b><br>Environment Agency, Welsh Region<br>Natural Resources Wales   | March 2013<br>March 2013                                      | Not Applicable<br>Not Applicable  |
| <b>Registered Radioactive Substances</b><br>Natural Resources Wales<br>Environment Agency - Welsh Region  | January 2015<br>June 2016                                     |   |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency Wales - South East Area<br>Natural Resources Wales   | January 2021<br>July 2024                                     | Quarterly<br>Quarterly  |
| <b>Water Abstractions</b><br>Environment Agency - Welsh Region<br>Natural Resources Wales   | October 2024<br>September 2024                                | Quarterly<br>Quarterly  |
| <b>Water Industry Act Referrals</b><br>Environment Agency - Welsh Region<br>Natural Resources Wales   | October 2017<br>October 2022                                  |   |
| <b>Groundwater Vulnerability Map</b><br>Natural Resources Wales   | June 2018   | As notified   |
| <b>Bedrock Aquifer Designations</b><br>Natural Resources Wales  | January 2018  | As notified   |
| <b>Superficial Aquifer Designations</b><br>Natural Resources Wales  | January 2018  | As notified   |

| <b>Agency &amp; Hydrological</b>  | <b>Version</b> | <b>Update Cycle</b>   |
|---|----------------|-----------------------|
| <b>Source Protection Zones</b><br>Natural Resources Wales   | July 2022      | Annual Rolling Update |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Natural Resources Wales                                | September 2020 |                       |
| <b>Flooding from Rivers or Sea without Defences</b><br>Natural Resources Wales  | September 2020 |                       |
| <b>Areas Benefiting from Flood Defences</b><br>Natural Resources Wales  | November 2019  | Quarterly             |
| <b>Flood Water Storage Areas</b><br>Natural Resources Wales   | August 2019    | Quarterly             |
| <b>Flood Defences</b><br>Natural Resources Wales  | November 2019  |                       |
| <b>OS Water Network Lines</b><br>Ordnance Survey  | October 2024   | Quarterly             |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Natural Resources Wales   | May 2018       | Annually              |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Natural Resources Wales  | May 2018       | Annually              |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Natural Resources Wales   | May 2018       | Annually              |
| <b>Surface Water Suitability</b><br>Natural Resources Wales   | February 2016  | Annually              |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service | May 2013       | As notified           |
| <b>Water Framework Directive - Catchment</b><br>Natural Resources Wales   | July 2024      | Annually              |
| <b>Water Framework Directive - Groundwater</b><br>Natural Resources Wales   | July 2024      | Annually              |
| <b>Water Framework Directive - Surface Waters</b><br>Natural Resources Wales  | July 2023      | Annually              |

| <b>Waste</b>   | <b>Version</b>                                  | <b>Update Cycle</b>                                |
|--|---|--|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service  | November 2002                                   | As notified  |
| <b>Historical Landfill Sites</b><br>Natural Resources Wales  | March 2023                                      | As notified  |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Welsh Region  | January 2009                                    | Not Applicable                                     |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Natural Resources Wales<br>Environment Agency Wales - South East Area   | August 2024<br>January 2023                     | Quarterly<br>Quarterly                             |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Natural Resources Wales<br>Environment Agency Wales - South East Area   | August 2024<br>July 2024                        | Quarterly<br>Quarterly                             |
| <b>Local Authority Landfill Coverage</b><br>Cardiff Council<br>Rhondda Cynon Taff County Borough Council<br>Vale Of Glamorgan County Borough Council   | February 2003<br>February 2003<br>February 2003 | Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Cardiff Council<br>Rhondda Cynon Taff County Borough Council<br>Vale Of Glamorgan County Borough Council   | October 2018<br>October 2018<br>October 2018    |  |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited   | December 1999                                   |  |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited   | December 1999                                   |  |
| <b>Registered Landfill Sites</b><br>Environment Agency Wales - South East Area   | March 2006                                      | Not Applicable                                     |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency Wales - South East Area   | April 2018                                      |  |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency Wales - South East Area  | June 2015                                       |  |
| <b>Hazardous Substances</b>  | <b>Version</b>                                  | <b>Update Cycle</b>                                |
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive  | September 2024                                  | Bi-Annually  |
| <b>Explosive Sites</b><br>Health and Safety Executive  | March 2017                                      |  |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive  | August 2001                                     |  |
| <b>Planning Hazardous Substance Enforcements</b><br>Rhondda Cynon Taff County Borough Council - Planning Department<br>Vale Of Glamorgan County Borough Council - Planning Department<br>Cardiff Council - Regulatory Services | February 2016<br>January 2016<br>July 2023      | Variable<br>Variable<br>Variable                   |
| <b>Planning Hazardous Substance Consents</b><br>Rhondda Cynon Taff County Borough Council - Planning Department<br>Vale Of Glamorgan County Borough Council - Planning Department<br>Cardiff Council - Regulatory Services     | February 2016<br>January 2016<br>October 2015   | Variable<br>Variable<br>Variable                   |

| <b>Geological</b>  | <b>Version</b>               | <b>Update Cycle</b>   |
|--|------------------------------|-----------------------|
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service  | January 2009                 | As notified           |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service   | December 2015                | As notified           |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service   | March 2024                   | Bi-Annually           |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)<br>Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011<br>November 2020 | As notified           |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches  | February 2023                | Annual Rolling Update |
| <b>Mining Instability</b><br>Ove Arup & Partners   | June 1998                    | Not Applicable        |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                               | May 2015                     | Not Applicable        |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                   | April 2020                   | As notified           |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2019                 | As notified           |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                   | January 2019                 | As notified           |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                     | January 2019                 | As notified           |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | January 2019                 | As notified           |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service    | January 2019                 | As notified           |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                               | October 2023                 | Annually              |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                          | October 2023                 | Annually              |
| <b>Industrial Land Use</b>   | <b>Version</b>               | <b>Update Cycle</b>   |
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories   | September 2024               | Quarterly             |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian   | February 2024                | Quarterly             |
| <b>Points of Interest - Commercial Services</b><br>PointX  | September 2024               | Quarterly             |
| <b>Points of Interest - Education and Health</b><br>PointX   | September 2024               | Quarterly             |
| <b>Points of Interest - Manufacturing and Production</b><br>PointX   | September 2024               | Quarterly             |
| <b>Points of Interest - Public Infrastructure</b><br>PointX  | September 2024               | Quarterly             |
| <b>Points of Interest - Recreational and Environmental</b><br>PointX   | September 2024               | Quarterly             |
| <b>Underground Electrical Cables</b><br>National Grid  | January 2024                 |                       |

| <b>Sensitive Land Use</b>  | <b>Version</b>                            | <b>Update Cycle</b>                       |
|--|---|---|
| <b>Ancient Woodland</b><br>Natural Resources Wales   | April 2024                                | Bi-Annually                               |
| <b>Areas of Adopted Green Belt</b><br>Cardiff Council<br>Rhondda Cynon Taff County Borough Council<br>Vale Of Glamorgan County Borough Council     | July 2024<br>July 2024<br>July 2024       | Quarterly<br>Quarterly<br>Quarterly       |
| <b>Areas of Unadopted Green Belt</b><br>Cardiff Council<br>Rhondda Cynon Taff County Borough Council<br>Vale Of Glamorgan County Borough Council   | July 2024<br>July 2024<br>July 2024       | Quarterly<br>Quarterly<br>Quarterly       |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural Resources Wales  | May 2024                                  | Bi-Annually                               |
| <b>Environmentally Sensitive Areas</b><br>The National Assembly for Wales - GI Services (Department of Planning & Countryside)                     | January 2017                              |   |
| <b>Forest Parks</b><br>Forestry Commission   | May 2023                                  | Not Applicable                            |
| <b>Local Nature Reserves</b><br>Cardiff Council<br>Rhondda Cynon Taff County Borough Council<br>Vale Of Glamorgan County Borough Council           | August 2024<br>August 2024<br>August 2024 | Bi-Annually<br>Bi-Annually<br>Bi-Annually |
| <b>Marine Nature Reserves</b><br>Natural Resources Wales   | August 2024                               | Bi-Annually                               |
| <b>National Nature Reserves</b><br>Natural Resources Wales   | August 2024                               | Bi-Annually                               |
| <b>National Parks</b><br>Natural Resources Wales   | September 2024                            | Annually                                  |
| <b>Nitrate Vulnerable Zones</b><br>The National Assembly for Wales - GI Services (Department of Planning & Countryside)<br>Natural Resources Wales | April 2016<br>April 2024                  | Bi-Annually                               |
| <b>Ramsar Sites</b><br>Natural Resources Wales   | August 2024                               | Bi-Annually                               |
| <b>Sites of Special Scientific Interest</b><br>Natural Resources Wales   | October 2023                              | Bi-Annually                               |
| <b>Special Areas of Conservation</b><br>Natural Resources Wales  | April 2024                                | Bi-Annually                               |
| <b>Special Protection Areas</b><br>Natural Resources Wales   | April 2024                                | Bi-Annually                               |

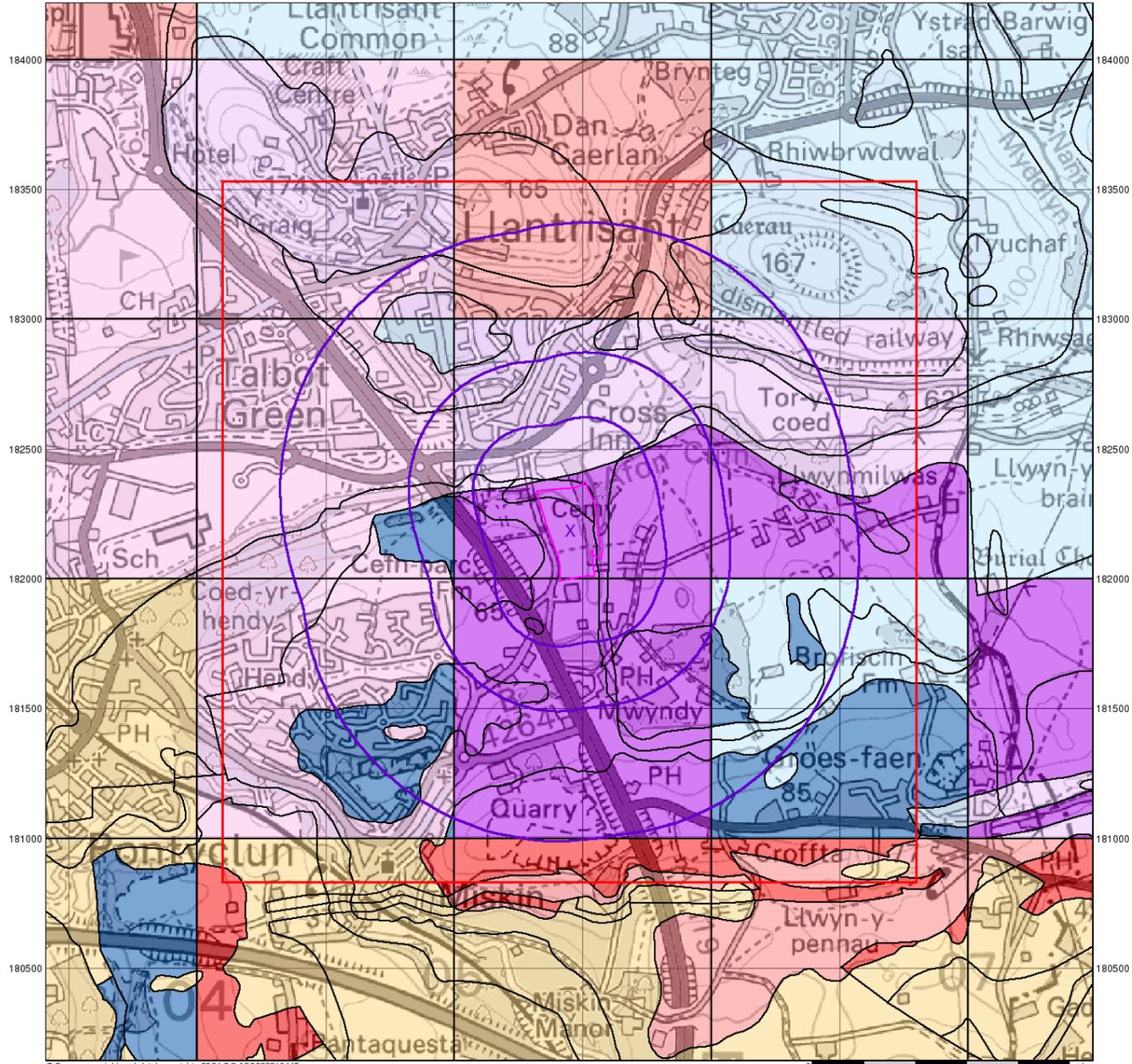
A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo   |
|--|--|
| Ordnance Survey                        |   |
| Environment Agency                     |   |
| Scottish Environment Protection Agency |   |
| The Coal Authority                     |   |
| British Geological Survey              |  <b>British Geological Survey</b><br><small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>          |
| Centre for Ecology and Hydrology       |  <b>Centre for Ecology &amp; Hydrology</b><br><small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small> |
| Natural Resources Wales                |    |
| Scottish Natural Heritage              |   |
| Natural England                        |   |
| Public Health England                  |   |
| Ove Arup                               |   |
| Stantec UK Ltd                         |   |

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Environmental Science Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG                      | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 2       | <b>Natural Resources Wales</b><br>Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP   | Telephone: 0300 065 3000<br>Email: enquiries@naturalresourceswales.gov.uk   |
| 3       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY   | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
| 4       | <b>Rhondda Cynon Taff County Borough Council - Public Health and Protection Division</b><br>Community Services, RCT Borough Council, Dinas Esaf Estate,<br>Williamstown, RCT, CF40 1NY | Telephone: 01443 442100<br>Website: www.rhondda-cynon-taff.gov.uk   |
| 5       | <b>Ordnance Survey</b><br>Adanac Drive, Southampton, Hampshire, SO16 0AS   | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk                 |
| 6       | <b>Rhondda Cynon Taff County Borough Council</b><br>Headquarters - The Pavillions, Cambrian Park, Clydach Vale, Rhondda,<br>CF40 2XX   | Telephone: 01443 424000<br>Fax: 01443 424024<br>Website: www.rhondda-cynon-taff.gov.uk  |
| 7       | <b>Health and Safety Executive</b><br>5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS  | Website: www.hse.gov.uk   |
| 8       | <b>The Coal Authority - Property Searches</b><br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG  | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: groundstability@coal.gov.uk<br>Website: www2.groundstability.com       |
| 9       | <b>Stantec UK Ltd</b><br>Caversham Bridge House, Waterman Place, Reading, RG1 8DN  | Telephone: 0118 950 0761<br>Email: pba.reading@stantec.com<br>Website: www.stantec.com  |
| 10      | <b>PointX</b><br>5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY  | Website: www.pointx.co.uk   |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ  | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org                             |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

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0 1 km

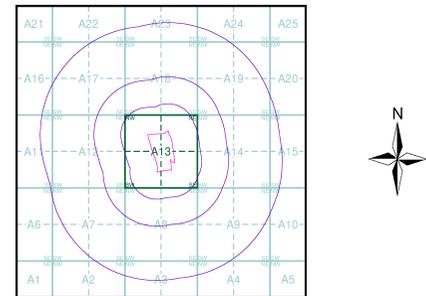
# Intégral Géotechnique

## 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, Secondary Aquifer   | High Vulnerability, Principal Aquifer   | High Vulnerability, Secondary Aquifer   |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer    | Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Principal Aquifer    | Low Vulnerability, Secondary Aquifer    |
| Unproductive Aquifer                    | Soluble Rock                            |   |   |

### Site Sensitivity Context Map - Slice A



**Order Details**

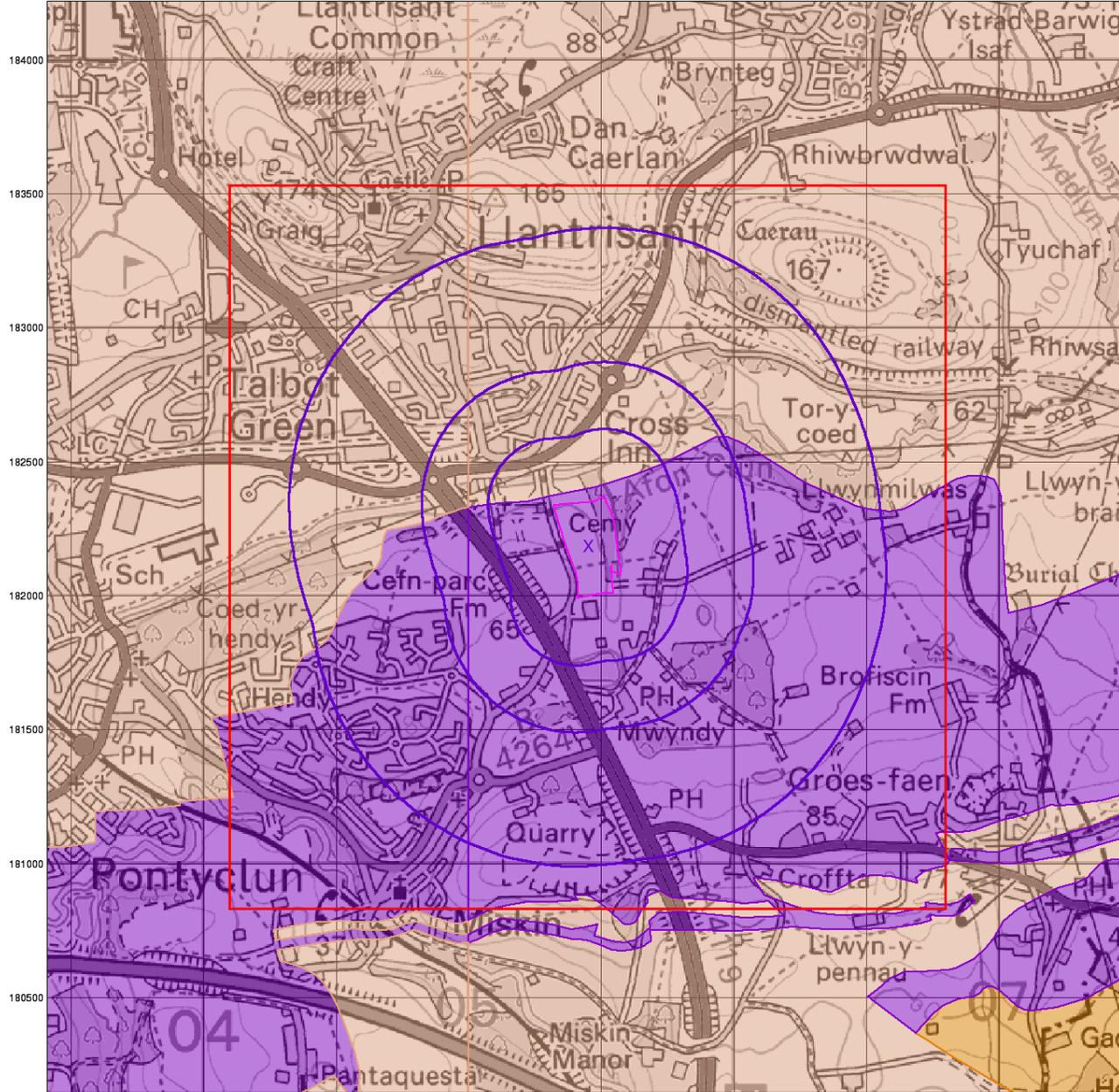
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 Customer Ref: 14391/LP  
 National Grid Reference: 305450, 182190  
 Slice: A  
 Site Area (Ha): 6.23  
 Search Buffer (m): 1000

**Site Details**  
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**Landmark**  
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0 1 km

# Intégral Géotechnique

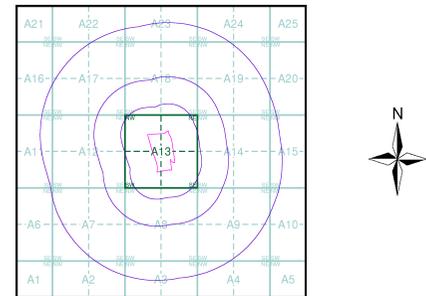
## Bedrock Aquifer Designation

- 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: 361523509\_1\_1  
 Customer Ref: 14391/LP  
 National Grid Reference: 305450, 182190  
 Slice: A  
 Site Area (Ha): 6.23  
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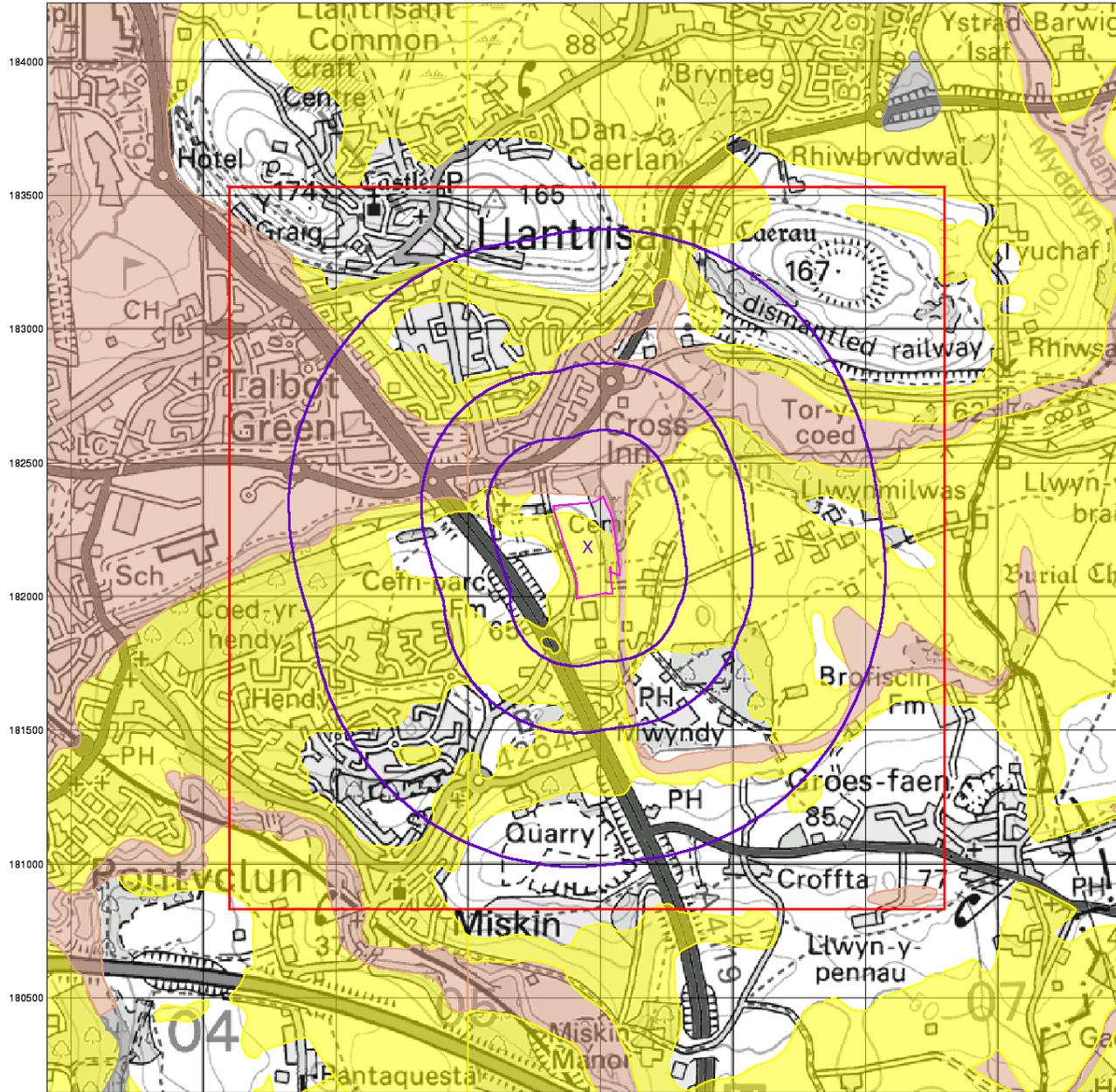
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0 1 km



## Superficial Aquifer Designation

### General

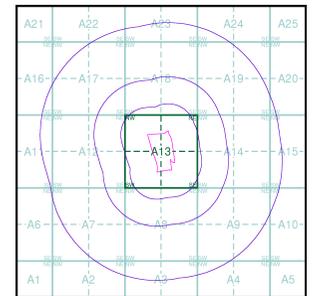
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

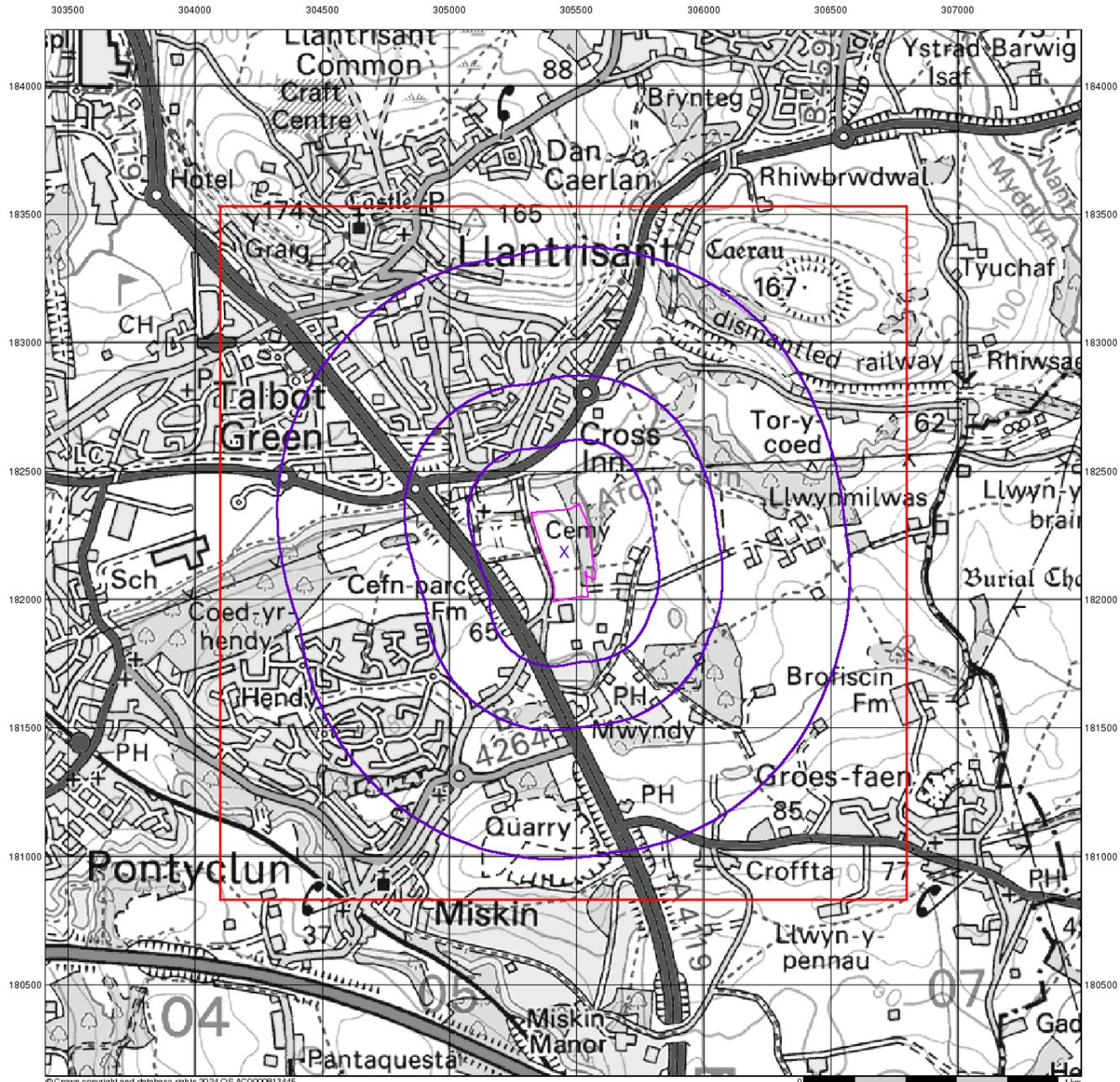
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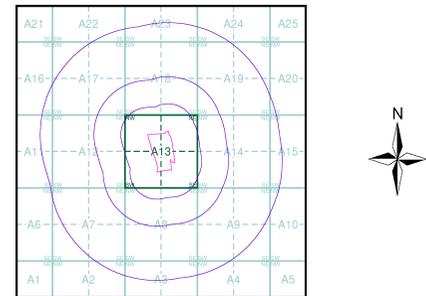
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# Intégral Géotechnique

## Source Protection Zones

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Agency and Hydrological**
- Inner zone (Zone 1)
  - Inner zone - subsurface activity only (Zone 1c)
  - Outer zone (Zone 2)
  - Outer zone - subsurface activity only (Zone 2c)
  - Total catchment (Zone 3)
  - Total catchment - subsurface activity only (Zone 3c)
  - Special interest (Zone 4)

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 361523509\_1\_1  
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 National Grid Reference: 305450, 182190  
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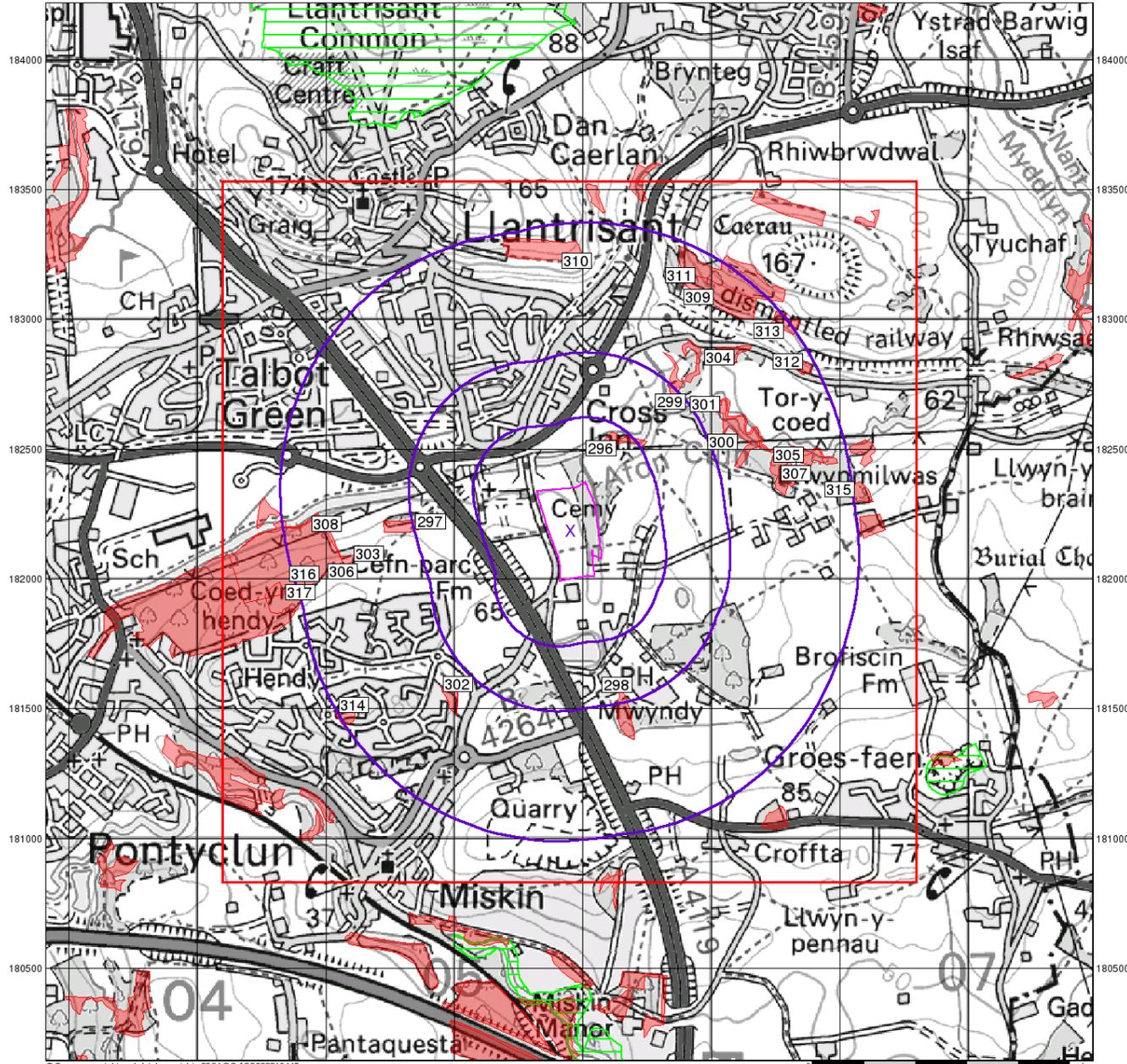
## Site Details

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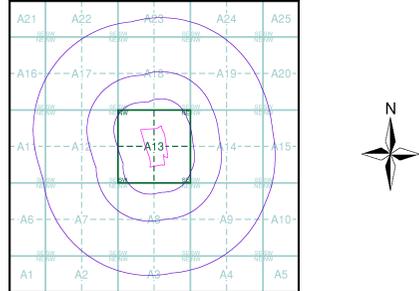
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# Intégral Géotechnique

## Sensitive Land Uses

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Sensitive Land Uses**
- Ancient Woodland
  - Area of Adopted Green Belt
  - Area of Unadopted Green Belt
  - Area of Outstanding Natural Beauty
  - Environmentally Sensitive Area
  - Forest Park
  - Local Nature Reserve
  - Marine Nature Reserve
  - National Nature Reserve
  - National Park
  - Nitrate Sensitive Area
  - Nitrate Vulnerable Zone
  - Ramsar Site
  - Site of Special Scientific Interest
  - Special Area of Conservation
  - Special Protection Area
  - World Heritage Sites

### Site Sensitivity Context Map - Slice A



**Order Details**

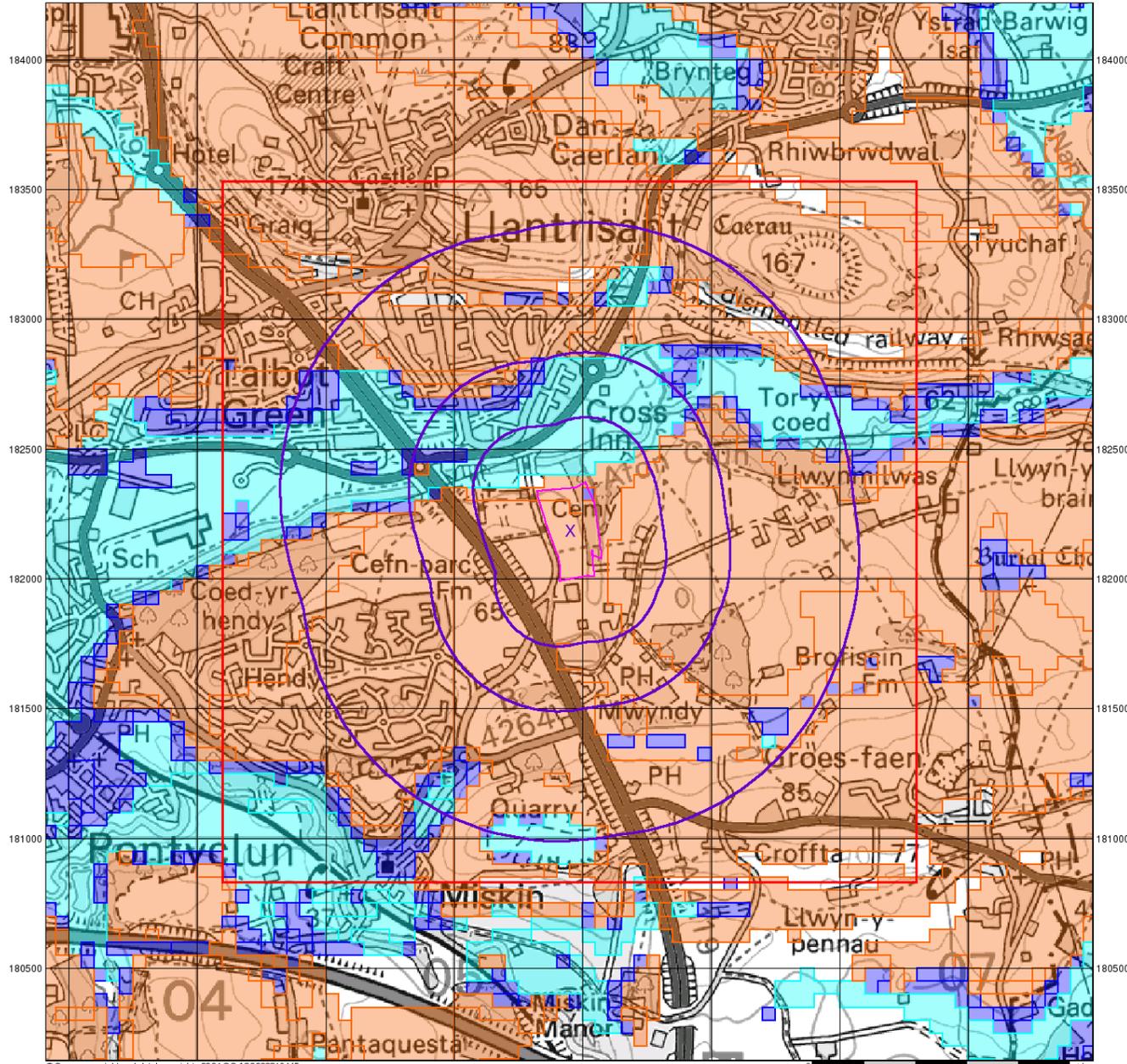
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# Intégral Géotechnique

## BGS Flood GFS Data

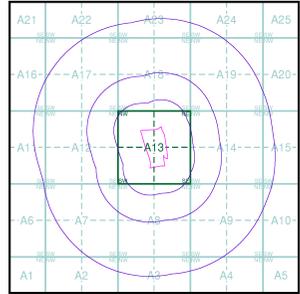
### General

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

### Agency and Hydrological (Flood)

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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 361523509\_1\_1  
 Customer Ref: 14391/LP  
 National Grid Reference: 305450, 182190  
 Slice: A  
 Site Area (Ha): 6.23  
 Search Buffer (m): 1000

### Site Details

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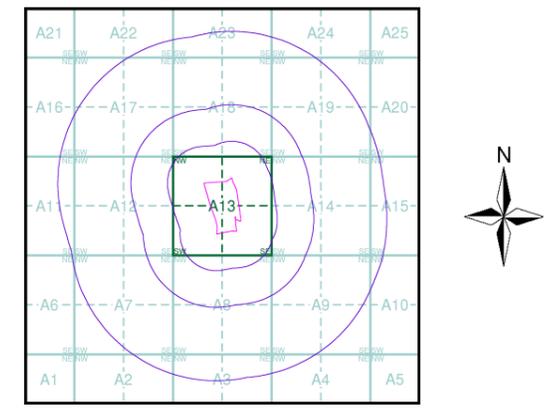
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# Intégral Géotechnique

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - 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)
  - 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 (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - 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
  - BGS Recorded Mineral Site
- Geological**
- BGS Recorded Mineral Site

## Site Sensitivity Map - Slice A



**Order Details**

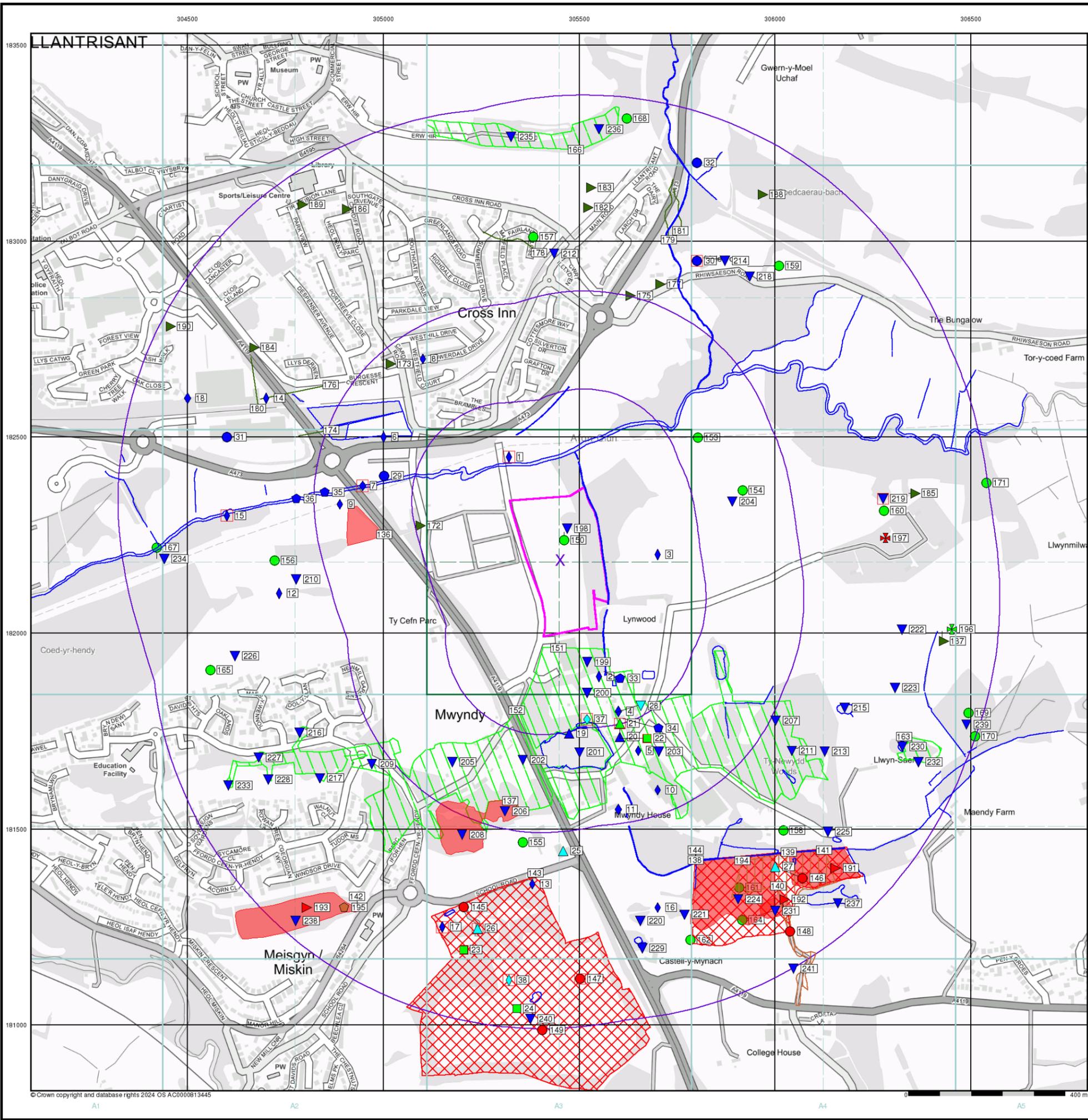
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# Intégral Géotechnique

## Industrial Land Use Map

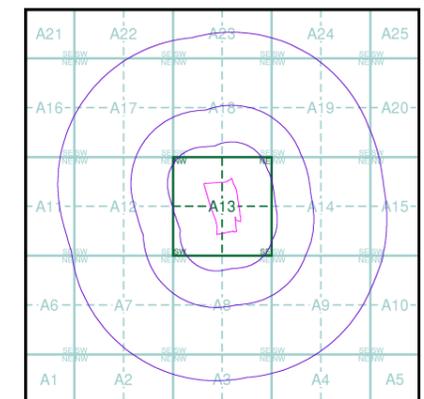
### General

-  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

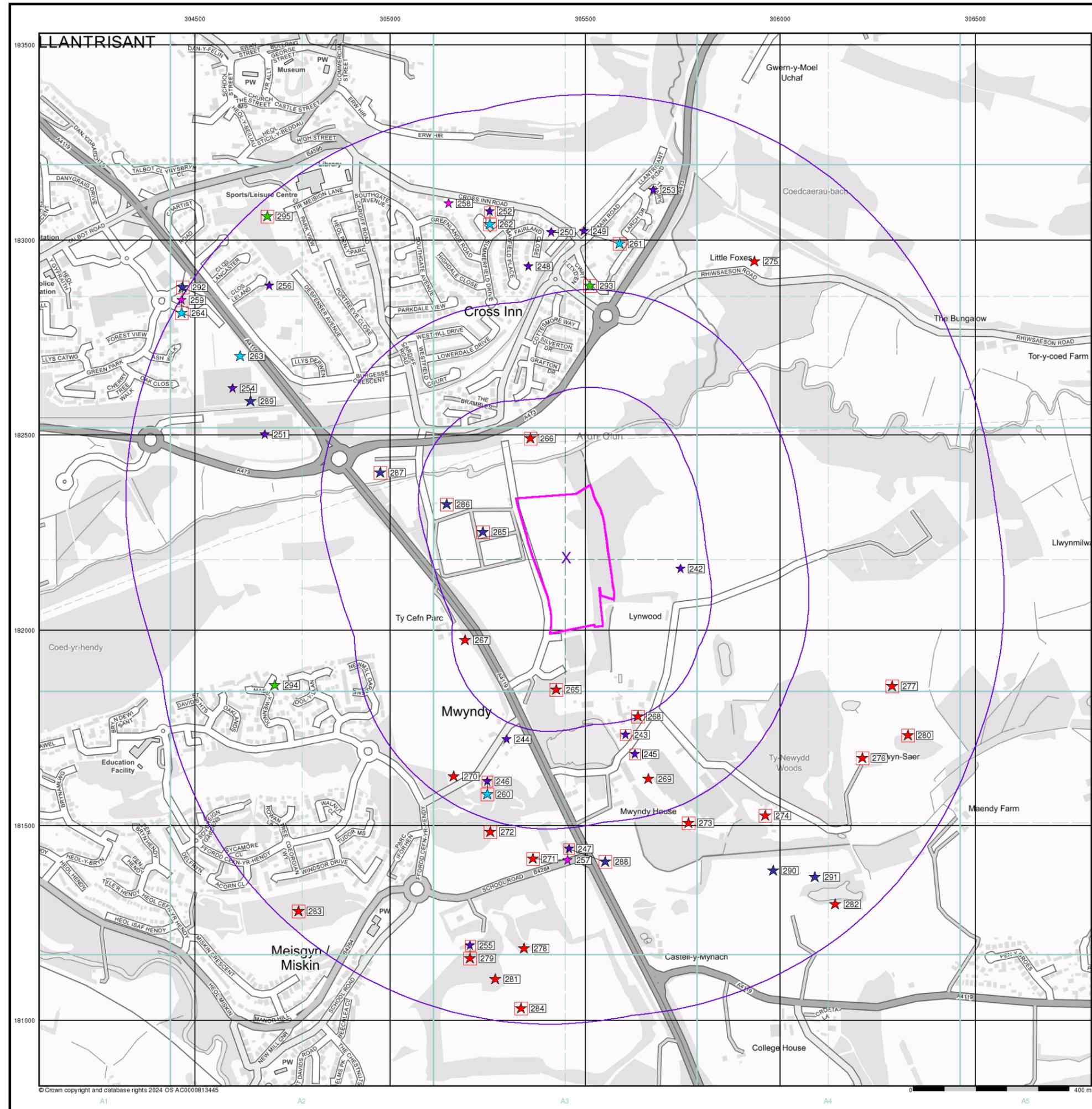
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# Intégral Géotechnique

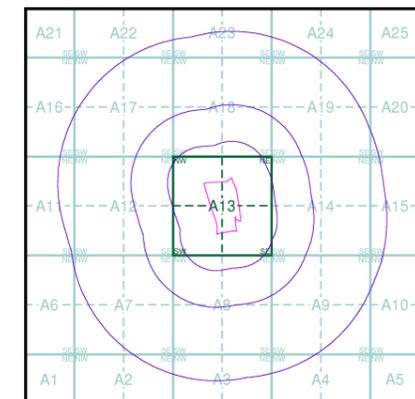
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A



## Order Details

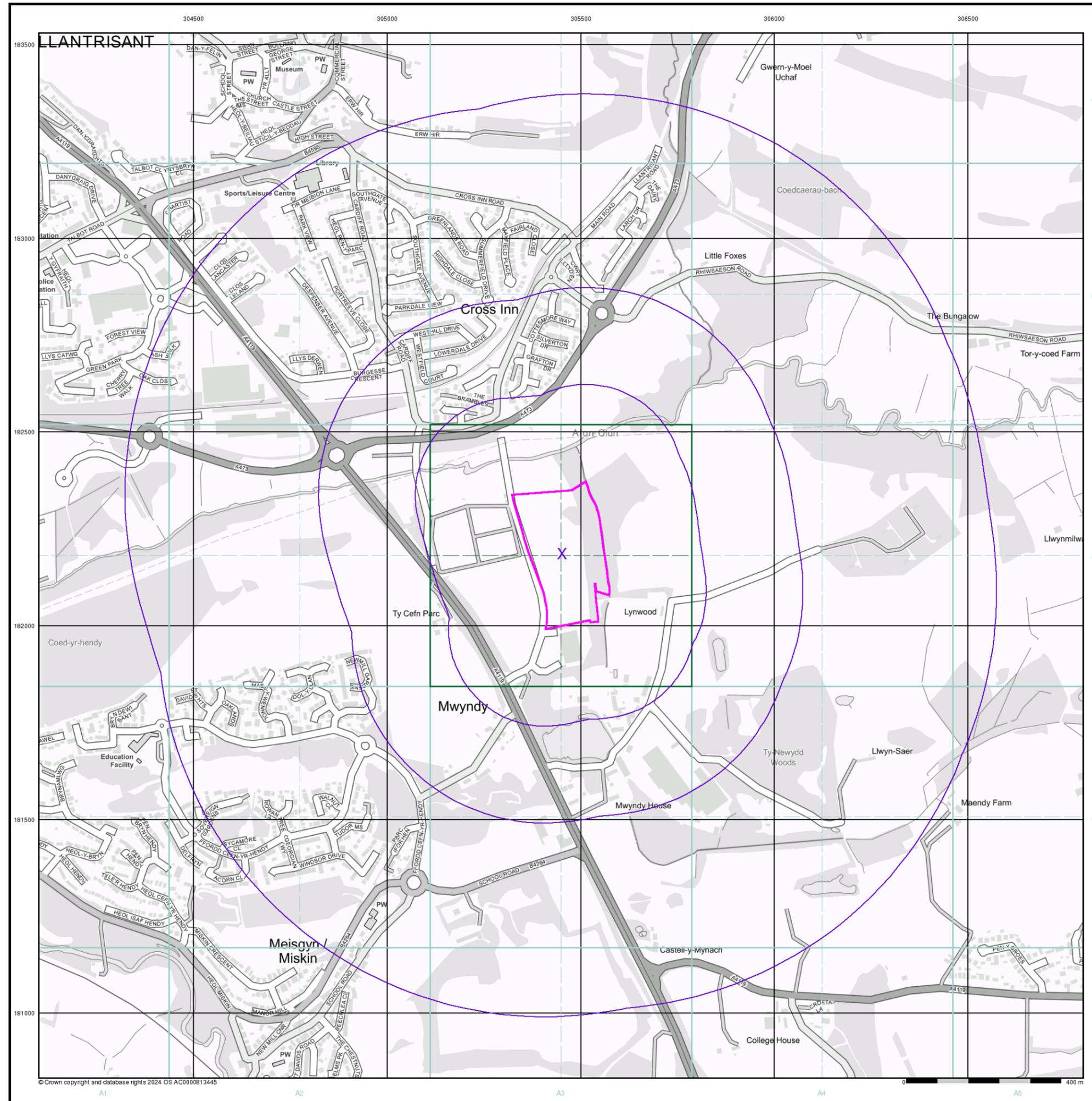
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# Intégral Géotechnique

## General

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

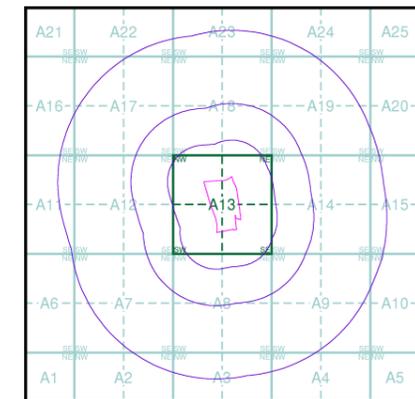
## Agency and Hydrological (Boreholes)

- 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](http://www.envirocheck.co.uk).

## Borehole Map - Slice A



## Order Details

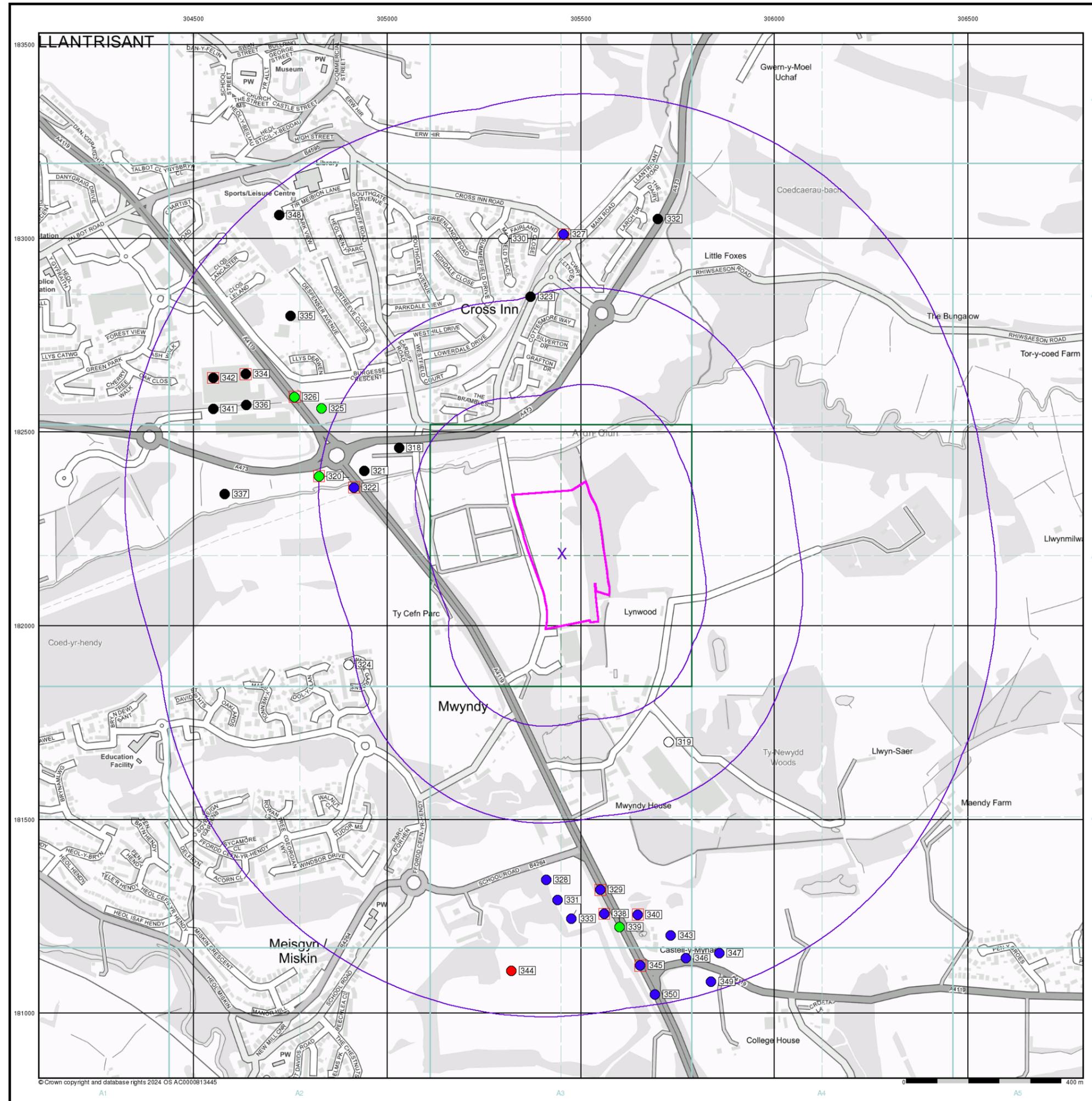
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## Site Details

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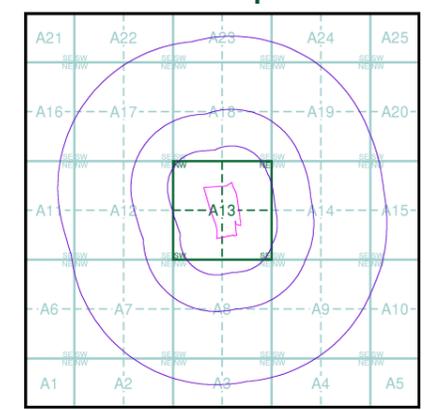
# Intégral Géotechnique

- 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
  - MLW - Mean Low Water
  - MHW - Mean High Water

## OS Water Network Map - Slice A



**Order Details**

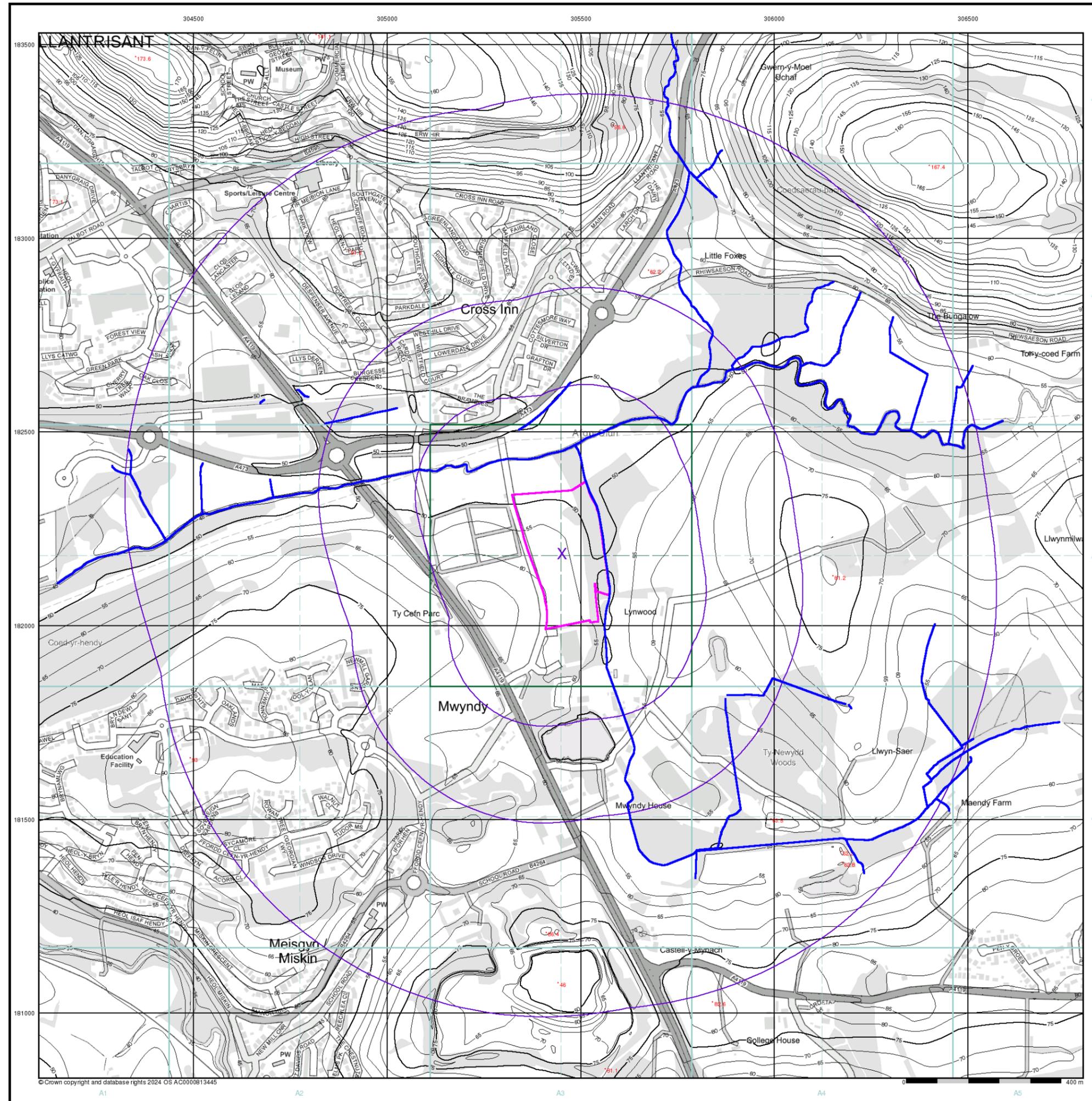
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# Intégral Géotechnique

## General

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

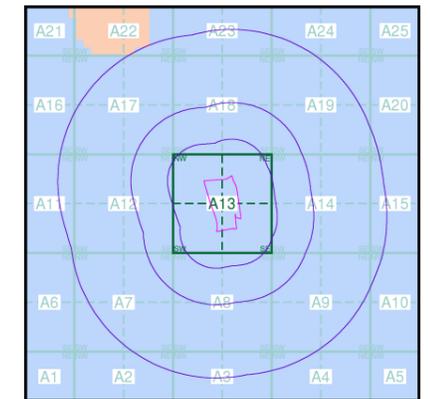
## Risk of Flooding from Surface Water

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

## Suitability

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

## EANRW Suitability Map - Slice A



## Order Details

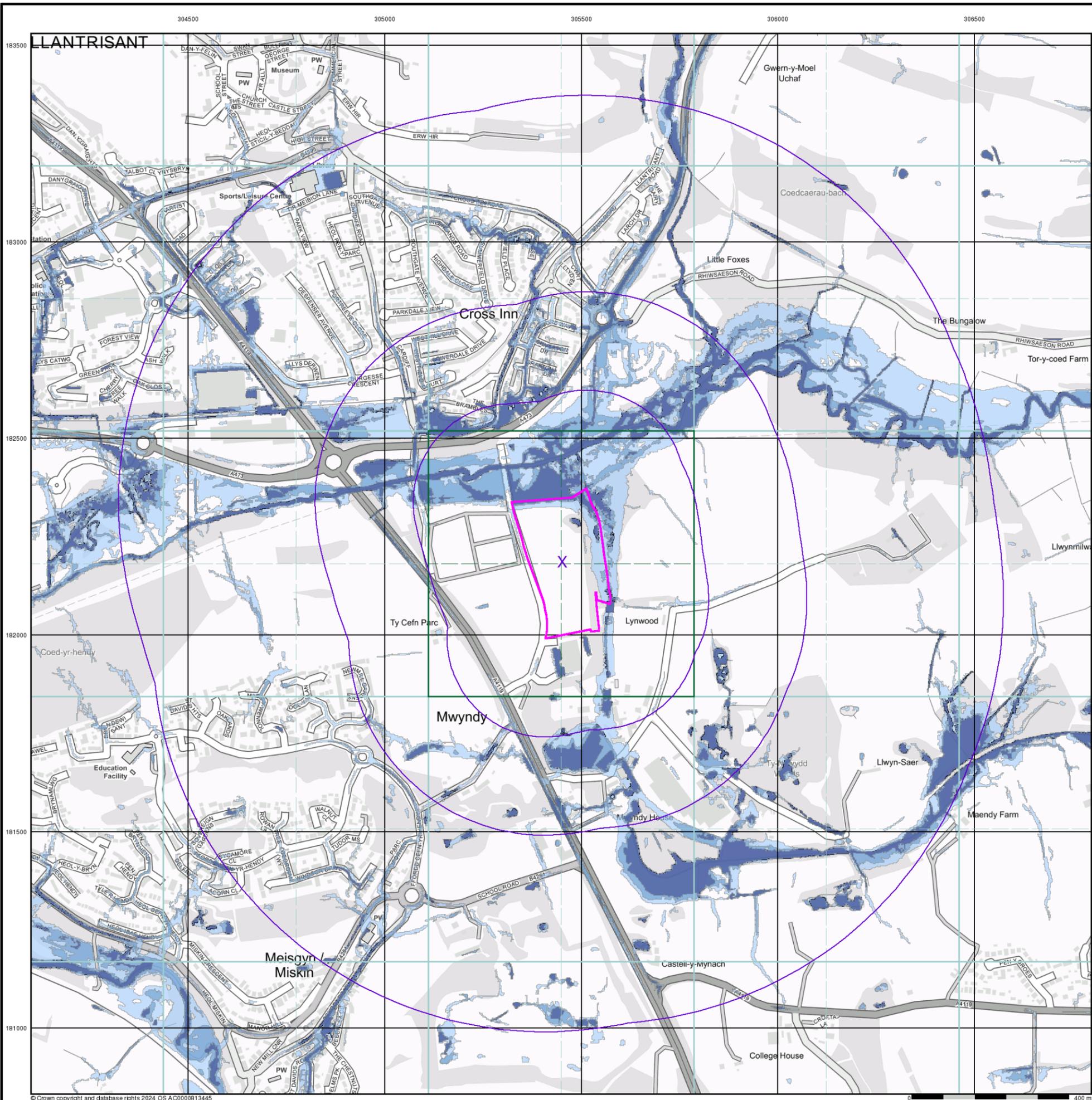
Order Number: 361523509\_1\_1  
 Customer Ref: 14391/LP  
 National Grid Reference: 305450, 182190  
 Slice: A  
 Site Area (Ha): 6.23  
 Search Buffer (m): 1000

## Site Details

Plot 2 Industrial Development Land, Mwyndy, Pontyclun, CF72 8PN



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