

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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CONTENTS

1.0 INTRODUCTION

- 1.1 General
- 1.2 Proposed Development
- 1.3 Scope of Works
- 1.4 Limitations

2.0 THE SITE

- 2.1 Site Location and Description
- 2.2 Site Operations
- 2.3 Surrounding Land Use
- 2.4 Available Site Investigation Data

3.0 SITE HISTORY

4.0 SITE ENVIRONMENTAL SETTING

- 4.1 Physical Setting
- 4.2 Geology
- 4.3 Radon
- 4.4 Mining
- 4.5 Hydrology, Hydrogeology & Flood Risk
- 4.6 Landfill Sites
- 4.7 Potential Contamination
- 4.8 Other Environmental Issues

5.0 PRELIMINARY CONCEPTUAL SITE MODEL

- 5.1 Risk Assessment Framework
- 5.2 Conceptual Model Framework
- 5.3 Critical Sensitive Receptor – Human Health
- 5.4 Critical Sensitive Receptor – Controlled Waters
- 5.5 Potential Contaminant Sources
- 5.6 Potential Exposure Pathways
- 5.7 Summary of Conceptual Exposure Model

6.0 THE SITE INVESTIGATION

- 6.1 Fieldworks
- 6.2 Field Observations
- 6.3 Laboratory Chemical Testing
- 6.4 Laboratory Geotechnical Testing

CONTENTS (CONTINUED)

7.0 GROUND CONDITIONS

- 7.1 Topsoil
- 7.2 Superficial Soils
- 7.3 Weathered Bedrock
- 7.4 Evidence of Solution Features
- 7.5 Groundwater
- 7.6 Soil Infiltration Test Results

8.0 CONTAMINATION

- 8.1 Averaging Areas
- 8.2 Soil Contamination

9.0 REVISED CONCEPTUAL EXPOSURE MODEL

10.0 RISK ASSESSMENT

- 10.1 Methodology
- 10.2 Source-Pathway-Receptor-Model
- 10.3 Human Health Risk Assessment
- 10.4 Risks to Vegetation
- 10.5 Controlled Waters Risk Assessment
- 10.6 Ground and Mine Gas Risk Assessment
- 10.7 Risks to Buildings and Materials Durability
- 10.8 Waste Disposal
- 10.9 Uncertainties

11.0 PRELIMINARY ENGINEERING CONSIDERATIONS & RECOMMENDATIONS

- 11.1 Details of Proposed Development
- 11.2 Site Preparation
- 11.3 Foundations and Floor Slabs
- 11.4 Excavations and Formations
- 11.5 External Hardstanding Areas
- 11.6 Drainage and Services
- 11.7 Recommended Further Works

CONTENTS (CONTINUED)

APPENDICES

Appendix A	Envirocheck Report
Appendix B	BGS Radon GeoReport
Appendix C	Consultants Coal Mining Report
Appendix D	Mine Entry Data Sheet
Appendix E	Trial Pit Logs
Appendix F	Windowless Sample Borehole Logs
Appendix G	Soil Infiltration Test Results
Appendix H	Laboratory Chemical Test Results
Appendix I	Laboratory Geotechnical Test Results
Appendix J	Summary of Laboratory Chemical Test Results

FIGURES

Figure 1	Site Location
Figure 2	Site Plan
Figure 3	Indicative Proposed Development Layout

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)

Geological unit	Horizon	Description
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)

Table 4: Summary of Site Hydrogeology				
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

Table 5: Potential Contaminants		
Land Use: Undeveloped land crossed by railway		
Material/Process	Contamination/Hazard	Evidence
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

Table 6: Potential Contaminants - Adjacent Site Uses		
Potential Contamination Source	Boundary	Associated Contaminants and Hazards
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 17th 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 24th 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^{soil} also provide a set of Soil Screening Values. These are currently intended to be used in conjunction with SGVs, although they intend to update these values in line with the C4SLs in due course.

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

5.2 CONCEPTUAL MODEL FRAMEWORK

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

5.2 CONCEPTUAL MODEL FRAMEWORK (CONTINUED)

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

5.3 CRITICAL SENSITIVE RECEPTOR – HUMAN HEALTH

The proposed 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)

Table 7: Preliminary Conceptual Exposure Model				
Source		Receptor	Pathway	Potentially Active Pathway?
Origin	Contaminant			
Made Ground of unknown origin and historical land uses 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.

Table 8: Summary of Ground Conditions		
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: 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. 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). 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 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.

Table 9: Summary of Soil Infiltration Test Results				
Test Location	Excavation Depth (m bgl)	Soil Infiltration Rate (m/s)		
		Test Cycle 1	Test Cycle 2	Test Cycle 3
SA01	2.35 - 2.55	2.36×10^{-4}	1.57×10^{-4}	9.93×10^{-5}
SA02	2.65 – 2.52	1.93×10^{-3}	1.22×10^{-3}	8.24×10^{-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^{soil} 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).

Table 10: Revised Conceptual Exposure Model						
Source		Receptor	Pathway	Preliminary Active Pathway? (see Sect. 5.7)	Relevant Pollutant Linkage	Justification/ Mitigation
Origin	Contaminant					
Made Ground of unknown origin and historical land uses 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 <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 <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.

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

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[®] 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

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	34
Hazardous Substances	43
Geological	44
Industrial Land Use	60
Sensitive Land Use	71
Data Currency	73
Data Suppliers	78
Useful Contacts	79

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		5	9	11
Prosecutions					
Enforcement and Prohibition Notices	pg 8			2	
Integrated Pollution Controls	pg 8			7	
Integrated Pollution Prevention And Control	pg 10			2	4
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 11				4
Local Authority Pollution Prevention and Control Enforcements	pg 11		1		
Nearest Surface Water Feature	pg 11		Yes		
Pollution Incidents to Controlled Waters	pg 12			1	4
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		

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 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					
Hazardous Substances					
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					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 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
Industrial Land Use					
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					

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

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

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

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

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

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

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Discharge Consents</p> <p>Operator: Tarmac Trading Limited Property Type: General Construction Work Location: Sewage Treatment Plant Serving, Hendy Quarry, School Road, Miskin, Near Pontyclun, Cf72 8pg Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0022101 Permit Version: Not Supplied Effective Date: 11th October 2022 Issued Date: 11th October 2022 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	808	2	305158 181223
17	<p>Discharge Consents</p> <p>Operator: Tarmac Trading Limited Property Type: Not Supplied Location: Hendy Quarry, School Road, Miskin, Nr. Pontyclun, Mid Glamorgan, Cf72 8pg Authority: Natural Resources Wales Catchment Area: ELY R - CONF NANT CLUN TO ALLOT GARDENS, ELY Reference: An0022101 Permit Version: 2 Effective Date: 14th December 2015 Issued Date: 14th December 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	808	2	305158 181223
18	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: New Park Stw Authority: Natural Resources Wales Catchment Area: River Ely Reference: Ag0017901 Permit Version: 1 Effective Date: 25th October 1983 Issued Date: 25th October 1983 Revocation Date: 18th April 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Not Supplied Environment: Receiving Water: Afon Clun Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	864	2	304500 182600
19	<p>Enforcement and Prohibition Notices</p> <p>Location: Mwyndy Industrial Estate, Mwyndy Lane, PONTYCLUN, Mid Glamorgan, CF72 8PN Permit Reference: Not Given Enforcement Date: Not Supplied Details: Enforcement Notice served. Positional Accuracy: Unknown</p>	A8NE (S)	259	3	305473 181740
20	<p>Enforcement and Prohibition Notices</p> <p>Location: Mwyndy Industrial Estate, Mwyndy, Rhonda Cynon Taff, LLANTRISANT, Mid Glamorgan, CF72 8PN Permit Reference: SM69/99KC Enforcement Date: 22nd February 1999 Details: EA Data 11/03/1999, Heavily contaminated Mwyndy Brook with solid material in breach of companys authorisation. Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	286	3	305603 181731
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: Bw2714 Dated: 29th December 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Revoked - Now IPPC 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
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: BI1797 Dated: 8th June 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	285	3	305603 181732
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: BI4381 Dated: 27th June 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	285	3	305603 181732
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: BD7251 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	285	3	305603 181732
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: AW8718 Dated: 30th October 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	285	3	305603 181732
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: AU6072 Dated: 3rd May 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	285	3	305603 181732
21	<p>Integrated Pollution Controls</p> <p>Name: Maxibrite Ltd Location: Mwyndy Industrial Estate, Mwyndy, PONTYCLUN, Mid Glamorgan, CF72 8PN Authority: Environment Agency, Welsh Region Permit Reference: AF8696 Dated: 26th February 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation 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>Integrated Pollution Prevention And Control</p> <p>Name: Mwyndy Solid Fuel Briquette Manufacturer Ea/Epr/Vp3132lj/V002 Location: Mwyndy Industrial Estate, Mwyndy, Pontyclun, Mid Glamorgan, CF72 8PN Authority: Natural Resources Wales Permit Reference: VP3132LJ Original Permit Ref: Not Supplied Effective Date: 20th October 2010 Status: Effective Application Type: Bespoke App. Sub Type: Not Supplied Positional Accuracy: Automatically positioned to the address Activity Code: 1.2 PART A (1) J Activity Description: Not Supplied Primary Activity: Y</p>	A8NE (S)	285	2	305603 181732
22	<p>Integrated Pollution Prevention And Control</p> <p>Name: Maxibrite Ltd Location: Mwyndy Solid Fuel Briquette Manufacturer Ea/Epr/Vp3132lj/V002, Mwyndy Industrial Estate, Mwyndy., Llantrisant, Rhondda Cynon Taf, CF72 8PN Authority: Natural Resources Wales Permit Reference: ZP3533HK Original Permit Ref: Vp3132lj Effective Date: 20th October 2010 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 1.2 A(1) (J) 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 Primary Activity: Y</p>	A8NE (S)	285	2	305603 181732
23	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tarmac Ltd Location: Hendy Quarry Landfill, Tarmac Western Office, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG Authority: Natural Resources Wales Permit Reference: Bt1088id Original Permit Ref: Bt1088id Effective Date: 17th September 2002 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y</p>	A8SW (S)	824	2	305205 181192
23	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tarmac Ltd Location: Hendy Quarry Landfill, School Road, Miskin, PONTYCLUN, Mid Glamorgan, CF72 8PG Authority: Natural Resources Wales Permit Reference: Vp3130la Original Permit Ref: Bt1088id Effective Date: 21st December 2005 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y</p>	A8SW (S)	825	2	305205 181191
23	<p>Integrated Pollution Prevention And Control</p> <p>Name: Tarmac Ltd Location: Hendy Quarry, School Road, Miskin, Pontyclun, Mid Glamorgan, CF72 8PG Authority: Environment Agency, Welsh Region Permit Reference: PP3738XM Original Permit Ref: Bt1088id Effective Date: Not Supplied Status: Valid Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y</p>	A8SW (S)	825	3	305205 181192

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	631	5	305864 181466
73	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	634	5	305863 181463
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	635	5	305863 181461
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	640	5	305860 181454
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	645	5	305800 181419
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 378.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	645	5	305800 181419
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	646	5	305798 181417
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 34.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	647	5	306159 181805
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	681	5	306193 181795

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

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	845	5	306178 181451
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	852	5	306185 181448
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	852	5	306185 181448
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	855	5	306299 182706
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	855	5	306299 182706
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	859	5	306299 182718
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (E)	860	5	306365 182548
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	861	5	306299 182721
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (E)	872	5	306399 181802

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

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	987	5	304338 182389
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	987	5	304338 182389
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	988	5	304337 182391
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	989	5	304339 182437
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A10NW (SE)	990	5	306483 181690
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A10NW (SE)	990	5	306483 181690
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A10NW (SE)	992	5	306486 181692
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	992	5	304332 182391
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A10NW (SE)	996	5	306492 181695

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</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 <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A19NW (NE)	822	1	305949 183069
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A19NW (NE)	884	1	305900 183167
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A16SE (W)	967	1	304382 182559
198	<p>BGS Recorded Mineral Sites</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>Status: Ceased</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 182271
199	<p>BGS Recorded Mineral Sites</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>Status: Ceased</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 181930
200	<p>BGS Recorded Mineral Sites</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>Status: Ceased</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 181852

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

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

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

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

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

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

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

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (NW)	0	8	305452 182187
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	-	305452 182187
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (E)	0	-	305500 182187
	Mining Instability Mining Evidence: Conclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (E)	0	-	305500 182187
	Mining Instability Mining Evidence: Conclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	-	305452 182187
	Mining Instability Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	-	305452 182187
	Man-Made Mining Cavities Easting: 305500 Northing: 181900 Distance: 107 Quadrant Reference: A13 Quadrant Reference: SE Bearing Ref: S Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology No Details Detail:	A13SE (S)	107	9	305500 181900
	Man-Made Mining Cavities Easting: 305000 Northing: 182000 Distance: 408 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology No Details Detail:	A12SE (W)	408	9	305000 182000
	Man-Made Mining Cavities Easting: 305000 Northing: 182000 Distance: 408 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology No Details Detail:	A12SE (W)	408	9	305000 182000

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

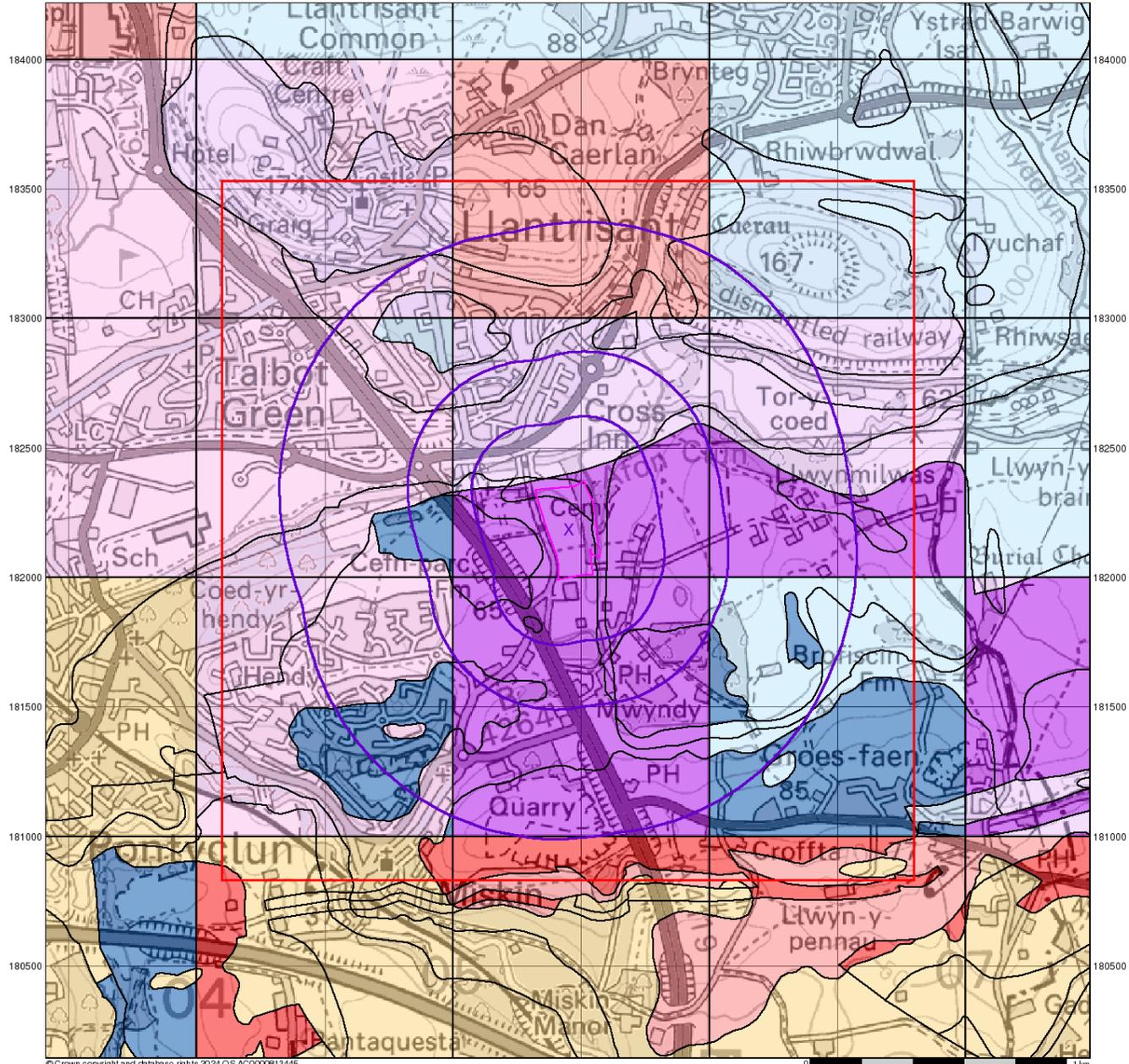
A selection of organisations who provide data within this report

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

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

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

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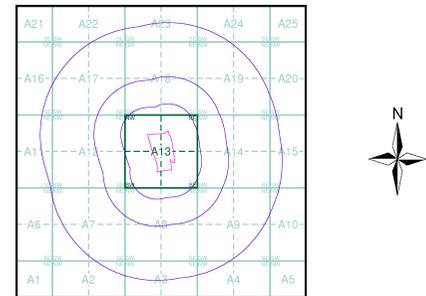
Intégral Géotechnique

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

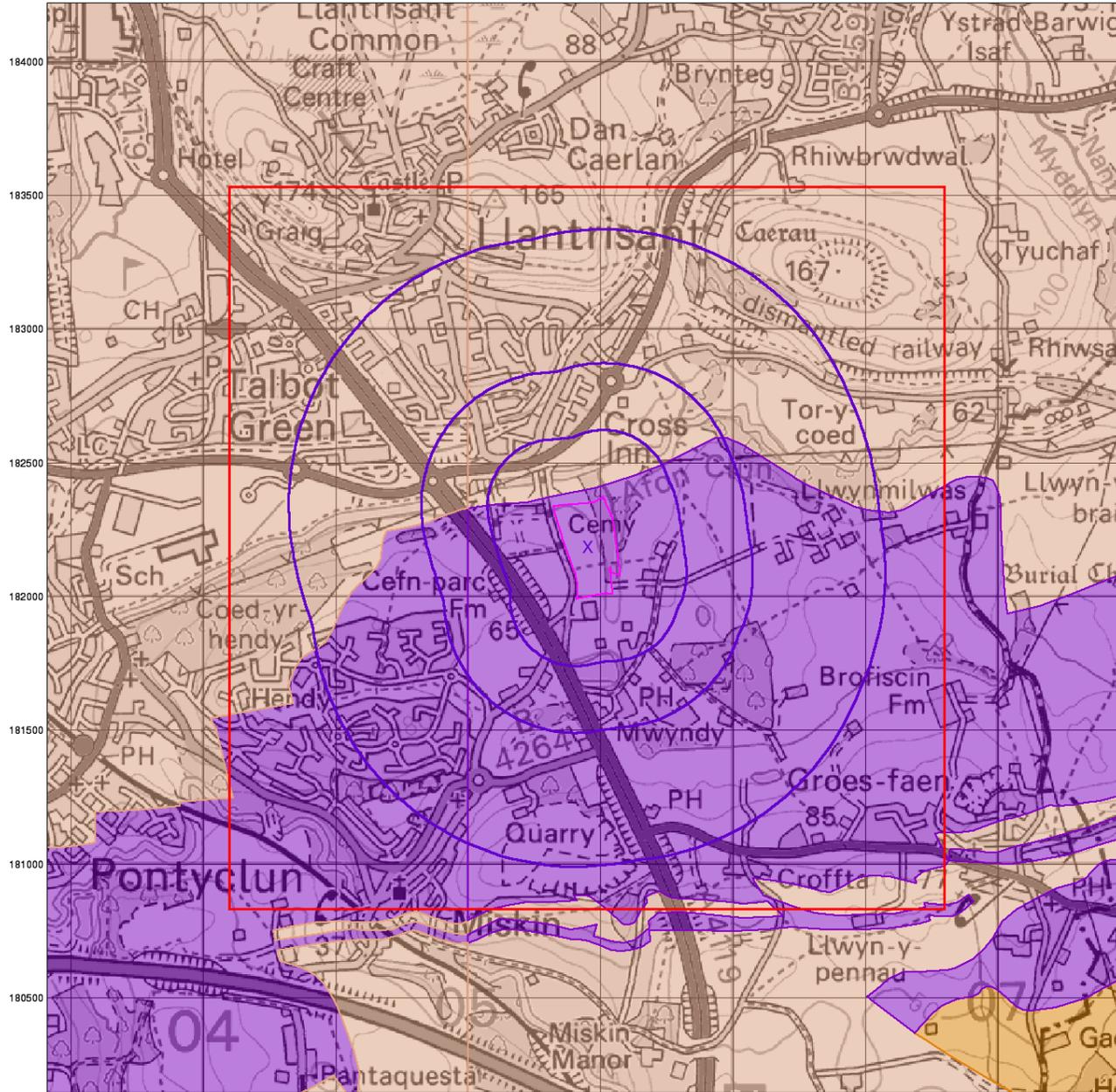
Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

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

Landmark
 INFORMATION GROUP

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

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Intégral Géotechnique

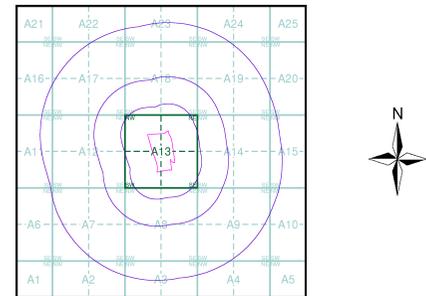
Bedrock Aquifer Designation

- 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

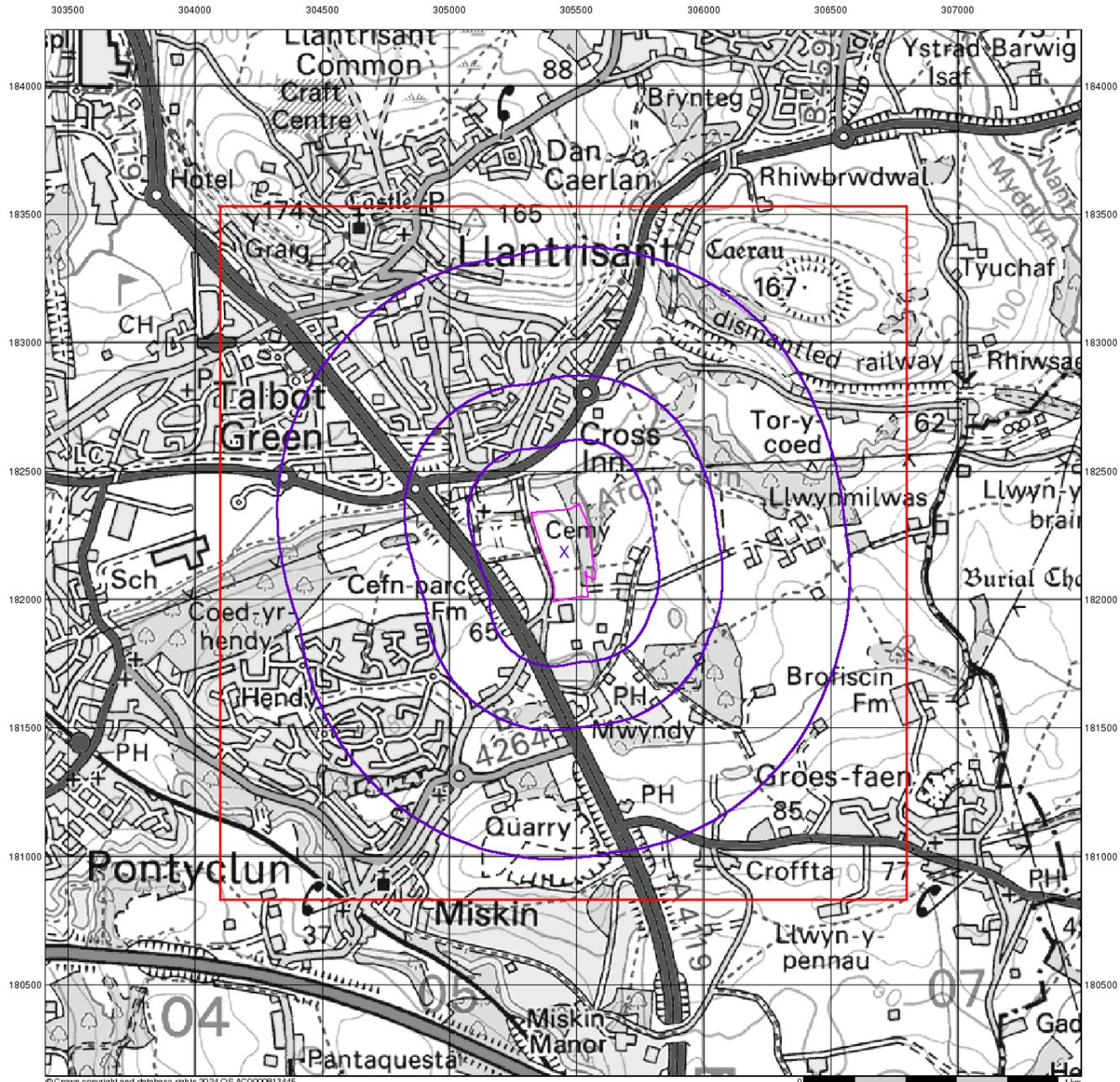
Order Number: 361523509_1_1
 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

Site Details

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



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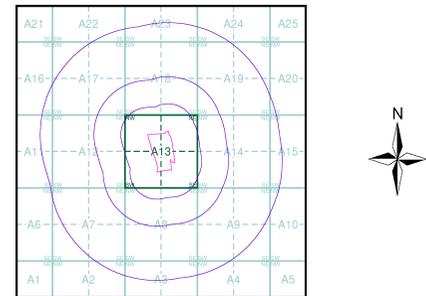
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Intégral Géotechnique

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

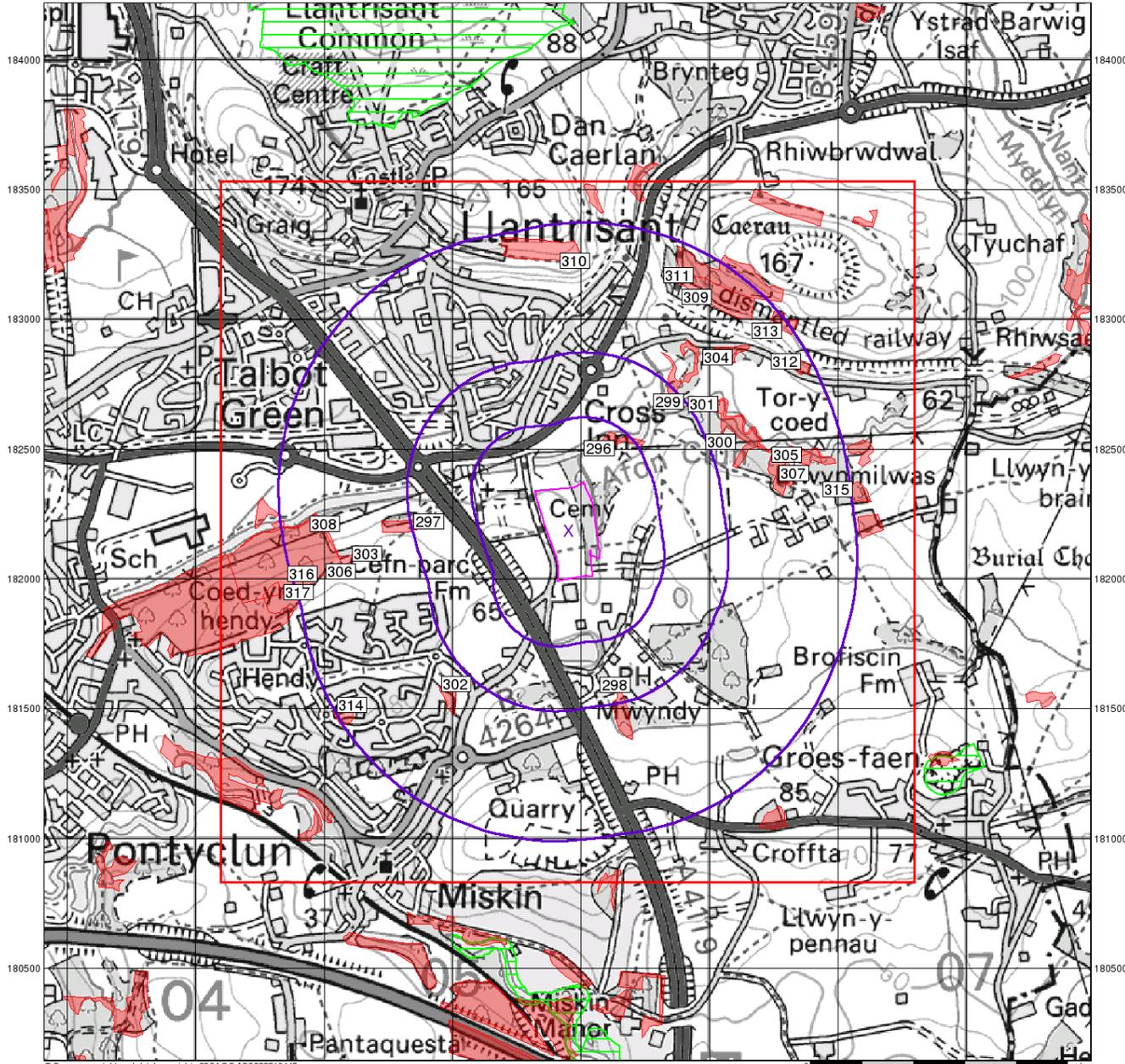
Site Details

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



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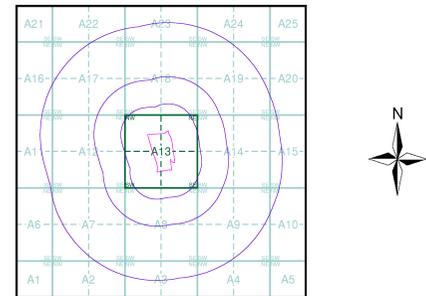
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Intégral Géotechnique

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

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

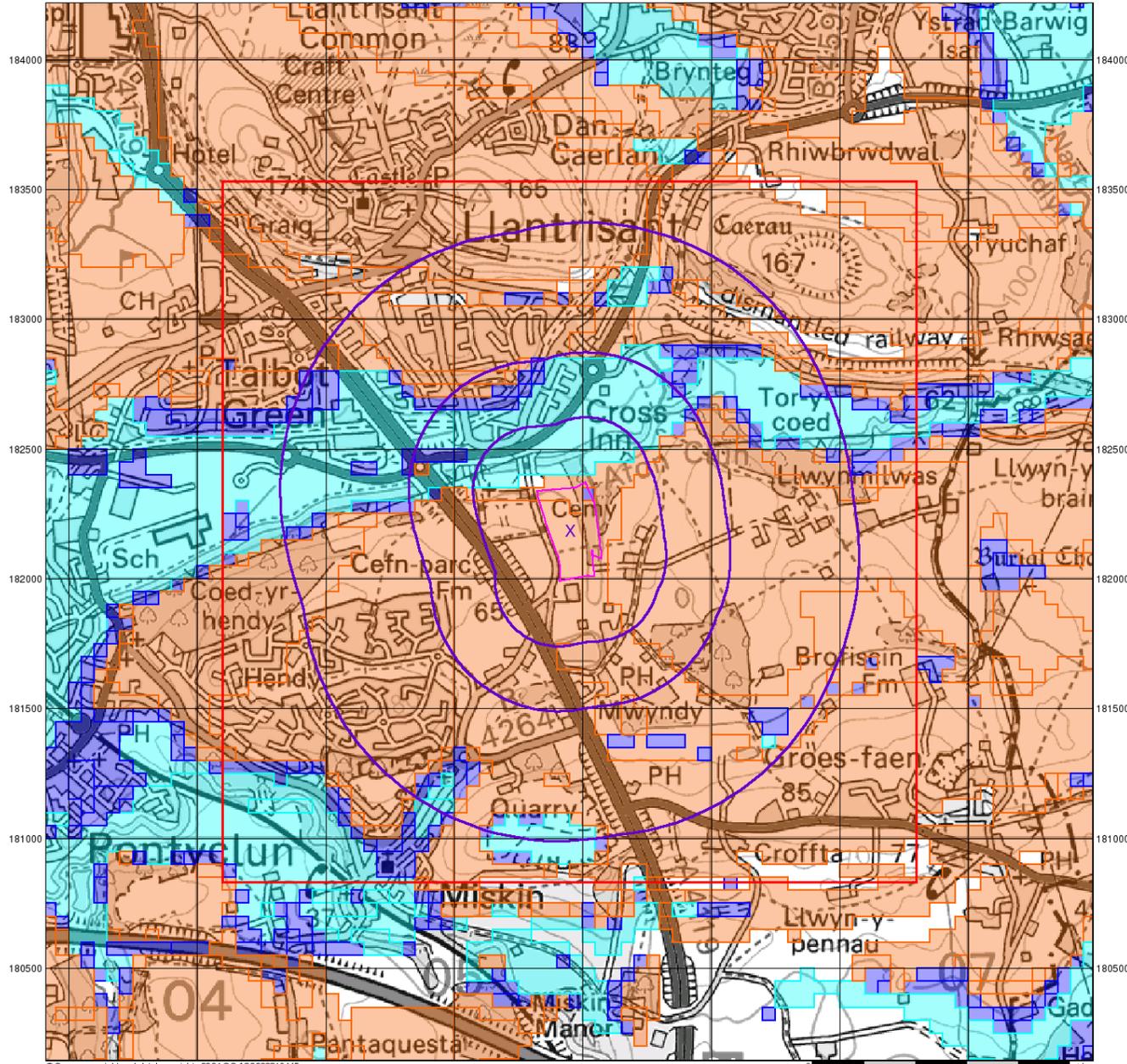
Site Details

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



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Intégral Géotechnique

BGS Flood GFS Data

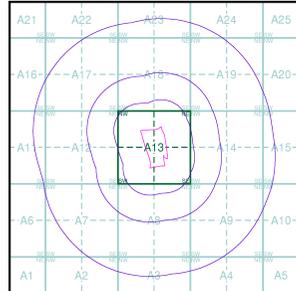
General

- 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

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

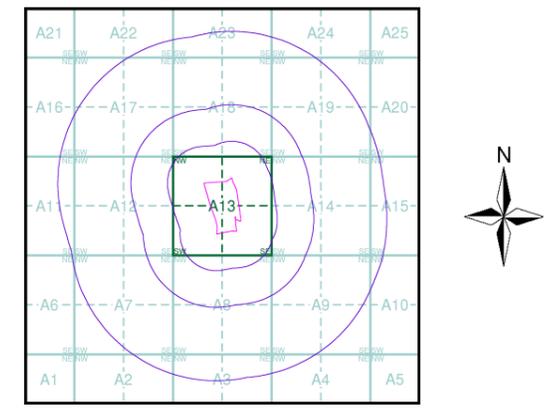


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

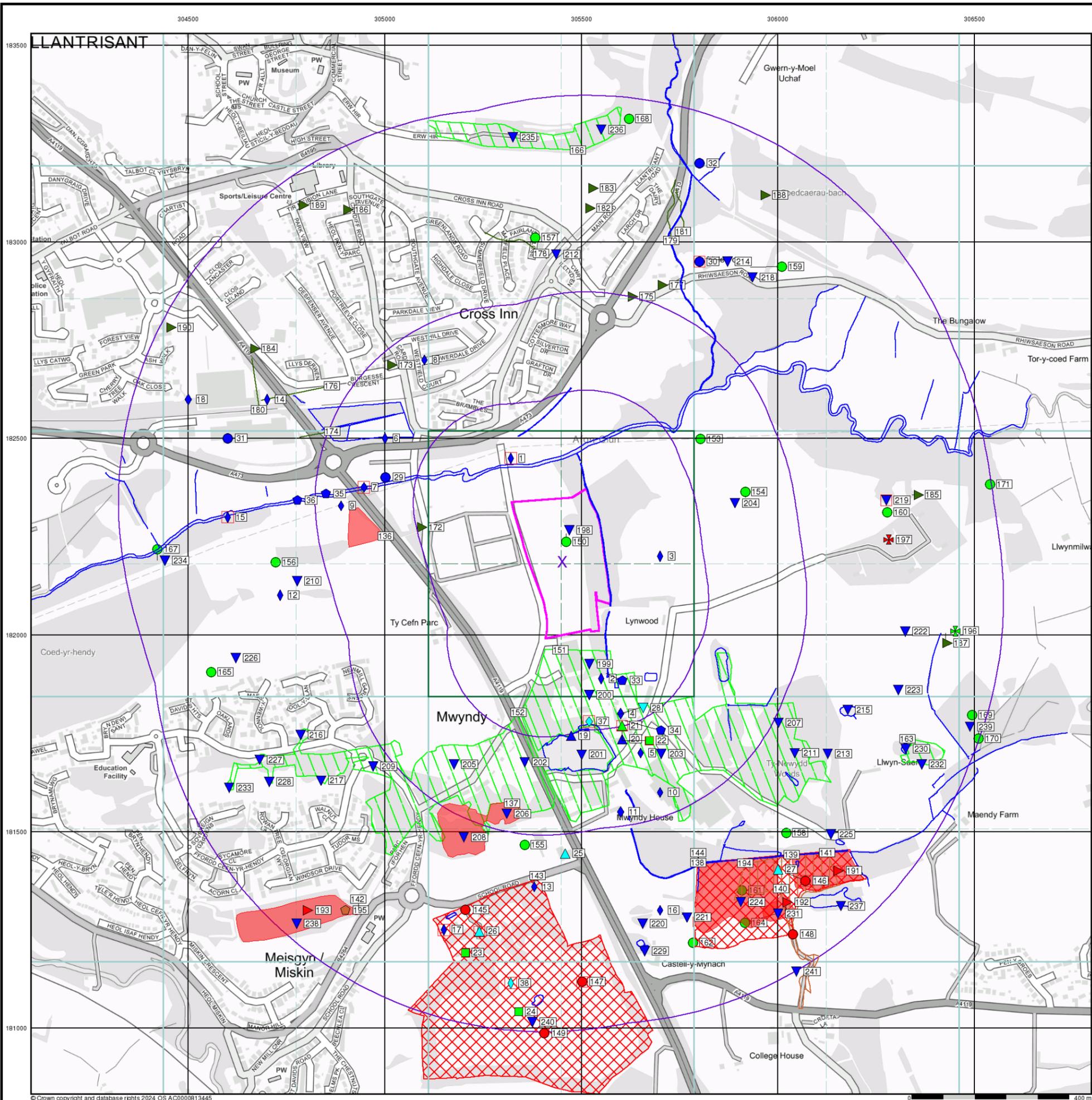
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 Customer Ref: 14391/LP
 National Grid Reference: 305450, 182190
 Slice: A
 Site Area (Ha): 6.23
 Search Buffer (m): 1000

Site Details

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

Landmark
 INFORMATION GROUP

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



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Intégral Géotechnique

Industrial Land Use Map

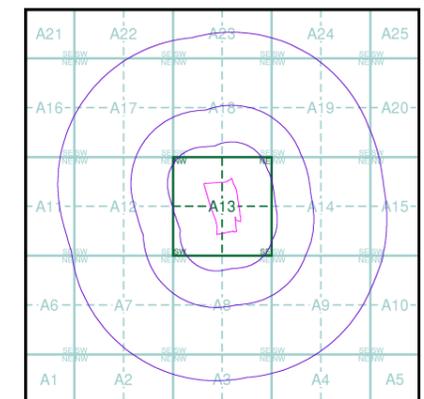
General

-  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

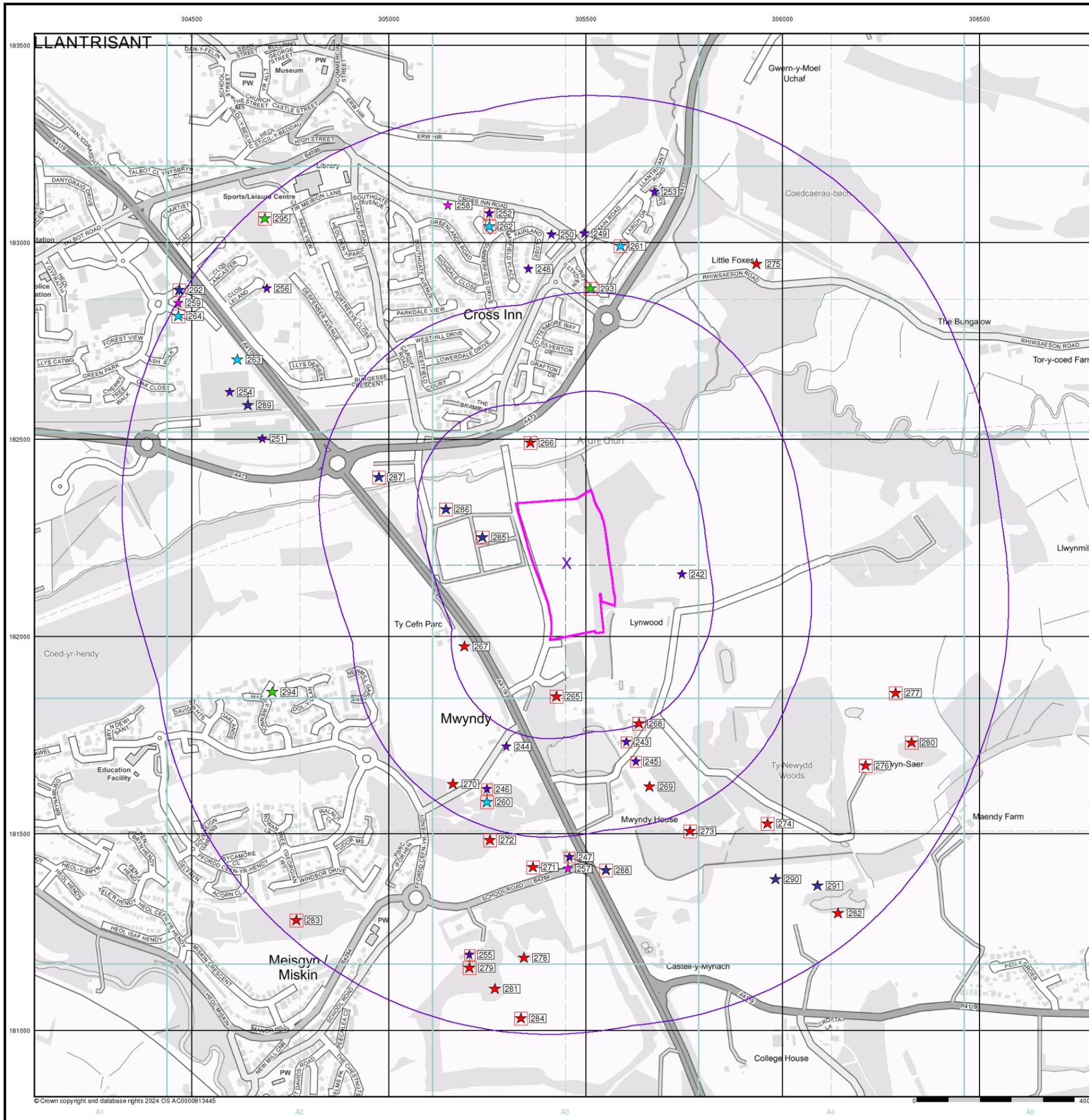
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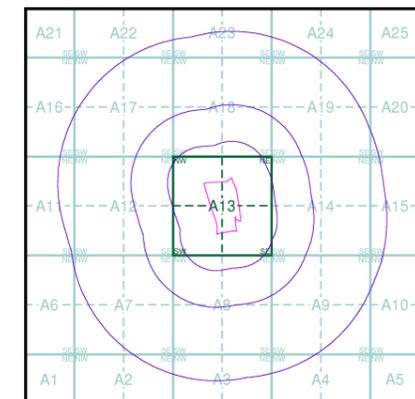
General

-  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

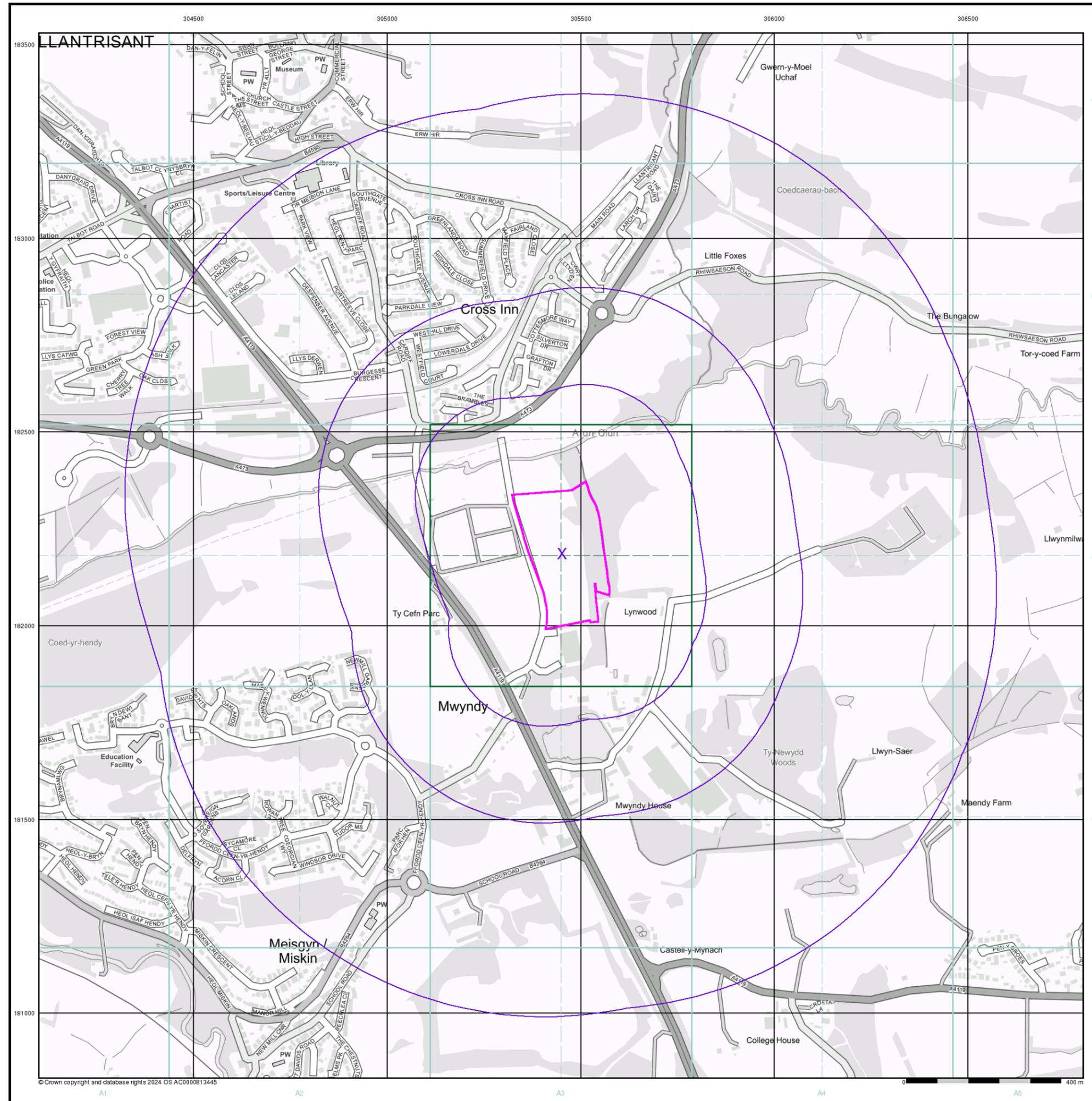
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Intégral Géotechnique

General

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

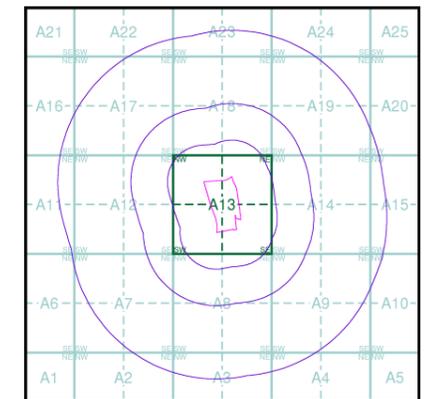
Agency and Hydrological (Boreholes)

- 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.

Borehole Map - Slice A



Order Details

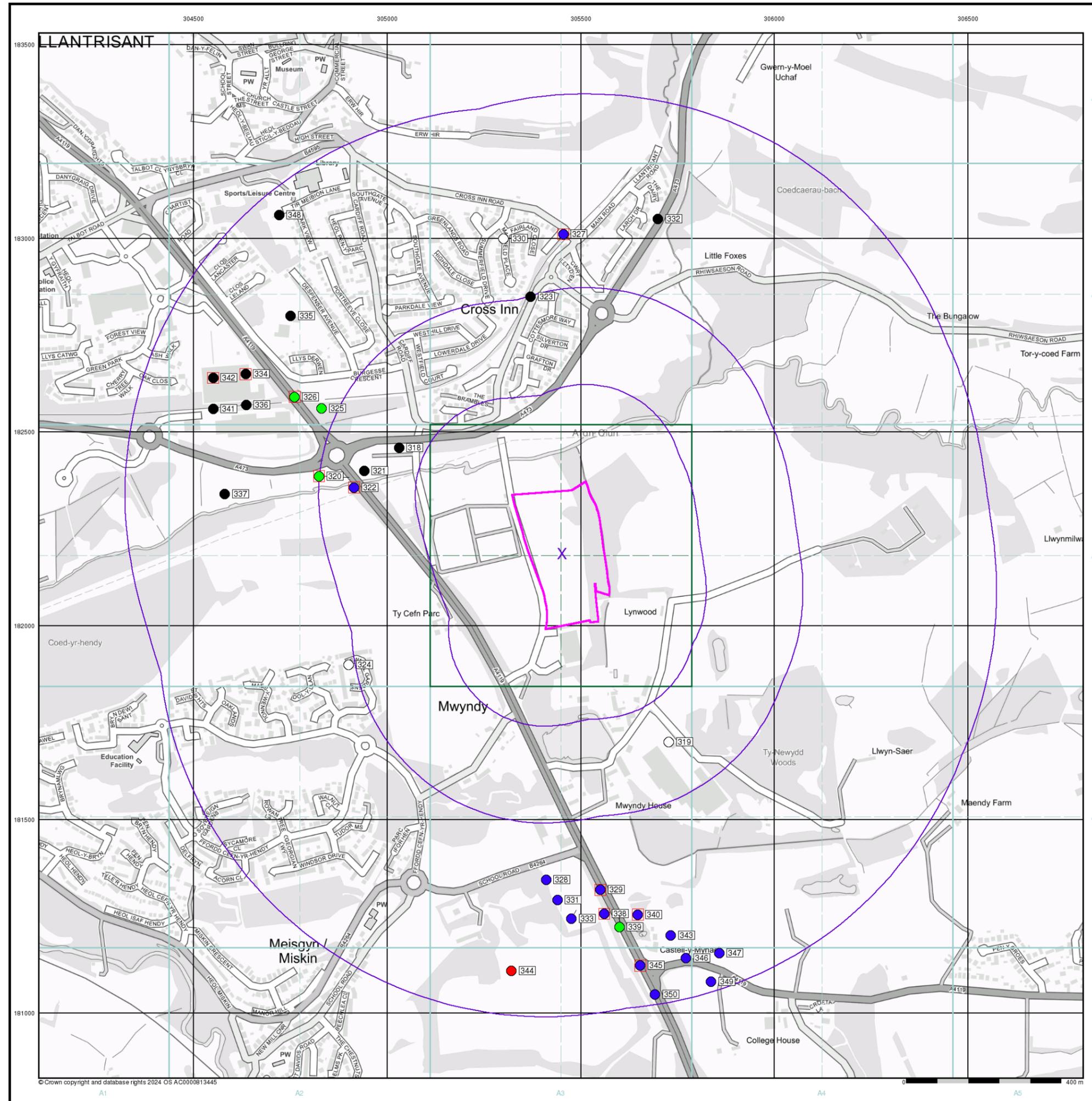
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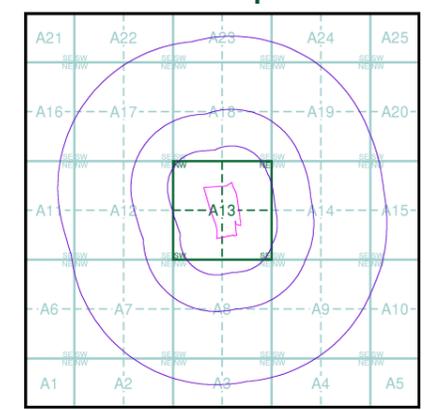
Intégral Géotechnique

- 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

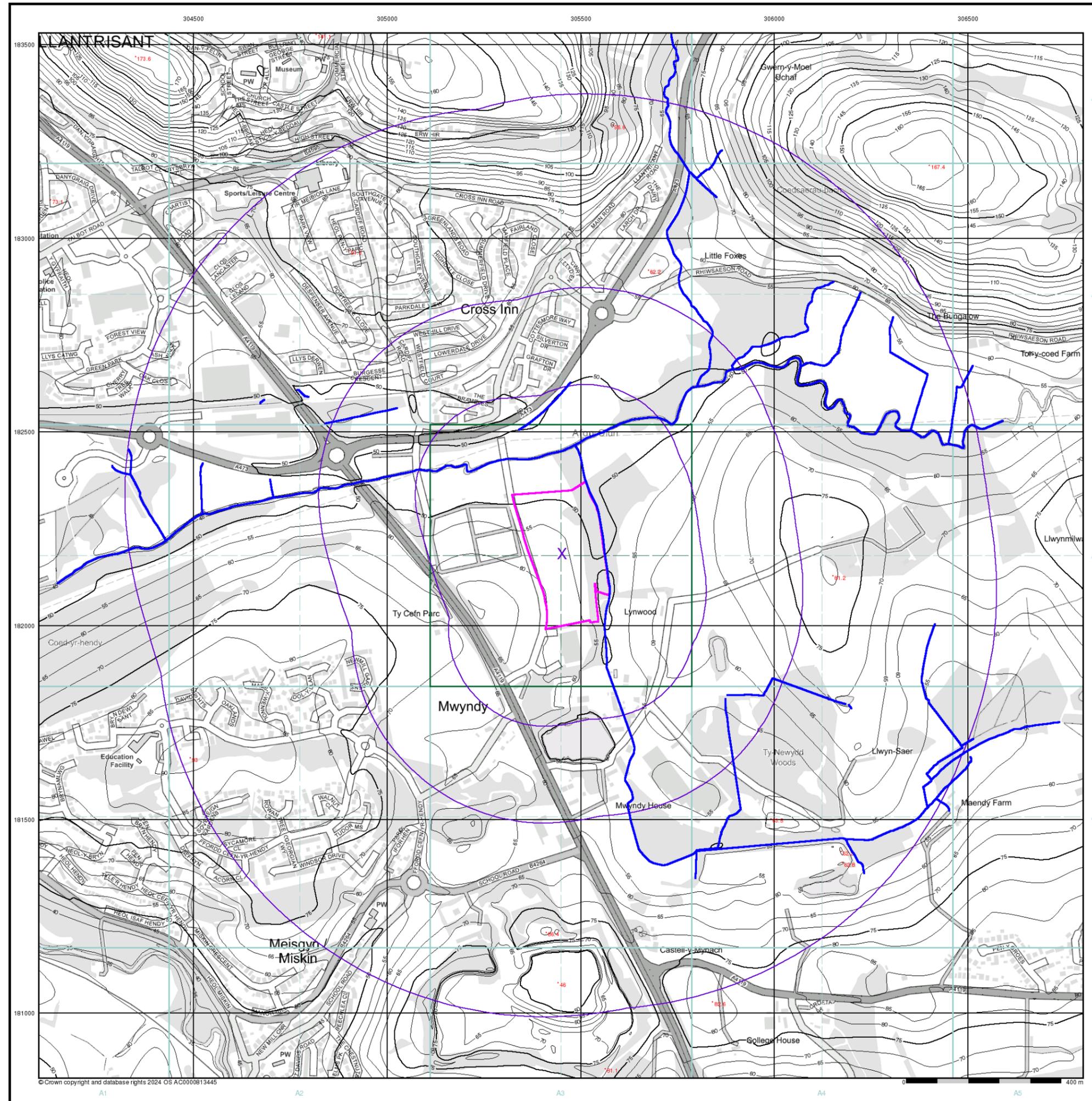
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Intégral Géotechnique

General

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

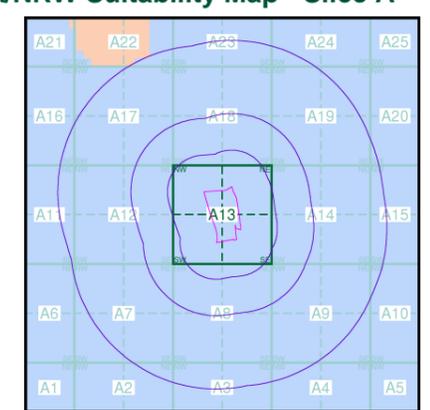
Risk of Flooding from Surface Water

-  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

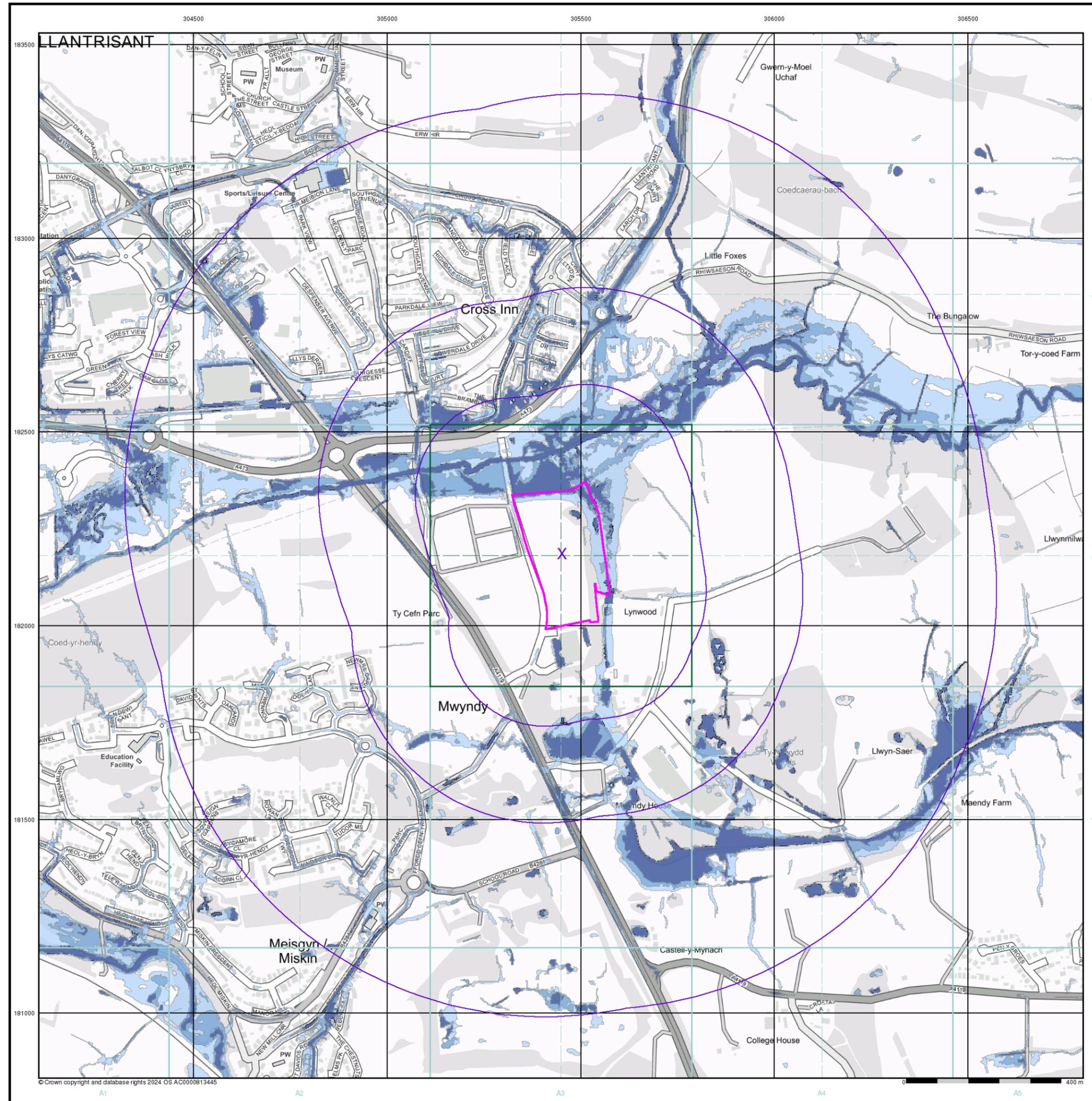
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