



Phase I Geo-Environmental Desk Study Report

C3104—Penygawsi Primary School, Llantrisant

September 2019

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Phase I Geo-Environmental Desk Study Report

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Executive Summary

HSP Consulting has been commissioned by Gleeds Management Services Ltd to provide a geo-environmental desk study (Phase I) providing information on likely constraints to the development of the site. The purpose of the report is to collate background historical and geo-environmental data to address where possible land contamination within Planning Policy Guidance and geo-environmental constraints for the potential construction of additional education facilities.

The site is rectangular in shape and is approximately 2.47Ha in area, with access off Chartist Road to the west and is located approximately 0.6km south of Llantrisant town centre. The approximate National Grid Reference for the centre of the site is (NGR) 304720, 182790. A Site Location Plan is included in Appendix I.

The site is currently occupied by Penygawsi Primary School. The school is a single storey brick building in the centre of the site with 2 chalet type classrooms to the north east of the main building. Playing fields are located north, east and west of the site with a wooded area on the western boundary. Hardstanding play areas are located to the east and south of the main building with car parking to the north.

The site is shown as agricultural fields, woodland and rough pastureland from the earliest mapping (1877). Penygawsi Primary School was constructed on the site in 1979 with regrading of the site levels occurring in 1990 and additional buildings been constructed on site in 2006. The surrounding land use is recorded as predominantly agricultural with steady residential development in the 1950s. A disused railway line is located 120m south of the site and an Old Gas Works is located 150m to the northeast.

Made Ground is not indicated within the site boundary on the published geological mapping. Superficial deposits underlying the majority of the site are expected to comprise Diamicton Till. The north western corner of the site is expected to be underlain by Devensian Glaciofluvial Deposits. The site is underlain by bedrock geology of the South Wales Upper Coal Measures Formation.

According to the Coal Authority Mining Report a former mine entry is recorded to the north-western section of the site along with three outcrops of coal on site. The site lies within a Coal Authority High Risk Development Area and therefore a Coal Mining Risk Assessment will be required for the site. It should be note that a no build zone is likely to be required around the recorded shaft location.

The Preliminary Conceptual Site Model indicates a Low possibility that harm could arise to a designated receptor from identified hazards.

The executive summary contains an overview of key findings and conclusions. However, no reliance should be placed on the executive summary until the whole of the report has been read. Other sections of the report may contain information which puts into context the findings noted within the executive summary.



1. Introduction

1.1 Background

Gleeds Management Services Ltd are undertaking a feasibility study at the existing Penygawsi Primary School. At this stage the development plans are not available for the site, however they are understood to involve the construction of additional educational facilities.

1.2 Scope and Limitations

HSP Consulting has been commissioned by Gleeds Management Services Ltd to provide technical studies to support a feasibility study. The geo-environmental desk study (Phase I) is one of a series of studies providing information on likely constraints to the development of the site. The purpose of the report is to collate background historical and geo-environmental data to address where possible land contamination and stability matters within Planning Policy Guidance.

The recommendations made in this report are based on the assessment of the published information and information provided by the Client.

1.3 Report Objectives

The objectives of this report are to:

- Establish the geological and hydrogeological conditions using existing available/published information;
- Summarise available information and identify site specific geotechnical and environmental hazards which may place a constraint upon the proposed site use;
- Produce a Conceptual Site Model and preliminary qualitative environmental risk assessment identifying potential pollution linkages between sources of contamination, pathways and receptors;
- Provide recommendations for Phase II Ground Investigation and any other assessments required.

1.4 Sources of Information

The following sources of information were used during the preparation of this report.

- Envirocheck® Datasheet Ref: EC_A_Datasheet_211626090_1_1 (Appendix III)
- Envirocheck® Content Mapping Ref: A_Content_211626090_1_ (Appendix IV)
- Envirocheck® Historical Mapping Ref: EC_A_Histslice_211626090_1_1 (Appendix V)
- British Geological Survey. Onshore Geoindex. www.bgs.ac.uk
- DEFRA Magic Map: <http://defra.gov.uk/magicmap.aspx>
- Department of the Environment. Industry Profiles.
- Environmental Search undertaken by Rhondda Cynon Taf County Borough Council: 19/02135/CONREQ.

A walkover was undertaken by HSP Consulting on the 23rd July 2019. The purpose of the walkover was to record the current land use, topography and principal physical features and to identify, where possible, visual and olfactory indicators of contamination.

2. Site Setting

2.1 The Site

2.1.1 Location

The site is located off Chartist Road, approximately 0.60 km south of Llantrisant town centre. The approximate National Grid Reference for the centre of the site is (NGR) 304720, 182790. A Site Location Plan is included in Appendix I.

2.1.2 Description

The site is roughly rectangular in shape and is approximately 2.47Ha in area and is accessed off Chartist Road to the west of the site.

The site is currently occupied by Penygawsi Primary School. The school is composed of a single storey brick constructed building in the centre of the site with 2 chalet type classrooms to the north east of the school. Playing fields are located north, east and west of the site with a wooded area on the western boundary. Hardstanding play areas are located to the east and south of the main building with car parking to the north.

The site has been terraced from north east to south west with the school and playing fields located on level ground within the centre of the site with the final terrace sloping towards Chartists Road

The site is bounded by dense hedgerows in the north and south and by palisade fencing to the west and east of the site.

2.1.3 Surrounding Land Use

The main features of interest identified are:

North: Residential properties, parkland and Llantrisant Leisure Centre.

East: Residential housing.

South: Residential housing and parkland.

West: Chartist Road with the A4119 beyond. Beyond this is Parc Newydd Shopping Centre.

2.1.4 Proposed End Use

Gleeds Management Services Ltd propose the construction of additional education facilities at the existing Penygawsi Primary School. At this stage the development plans are not available for the site.

2.2 Geology

2.2.1 Made Ground

The BGS mapping indicates that Made Ground is not expected to be encountered upon the site.

2.2.2 Superficial Deposits

The BGS mapping indicates the majority of the site is underlain by superficial deposits of Diamicton Till, which generally comprises sands, gravels, silts and clays.

The north western corner of the site is underlain by Devensian Glaciofluvial Deposits, which generally comprise sands and gravels.

2.2.3 Bedrock Geology

BGS bedrock mapping indicates the site is underlain by mudstones of the South Wales Upper Coal Measures Formation comprising Mudstone, Siltstone and Sandstone, described by the BGS as '*Grey, (productive) coal-bearing mudstones/siltstones, with seatearths and minor grey quartz-rich sandstones, coals and ironstones.*

Three conjectured outcrops of Coal are recorded on mapping from the Coal Authority (Appendix VI) bisecting the site in a southeast to northwest direction.

2.2.4 Structural Geology

A single inferred fault with unknown displacement has been identified bisecting the centre of the site, it is orientated west to east.

2.2.5 Historical Boreholes

There are 13No. BGS borehole records within 250m of the site this includes one on site. 9No of the boreholes are recorded as confidential. A summary of the pertinent information is provided in Table: 2.1 below of relevant borehole records:

Table 2.1 - Summary of Historical BGS Borehole Information

BGS Reference		Summary of Ground Conditions	
ST08SW151 Approximately 167m SE	Drilled by: Glamorgan County Council Highways Date: February 1987 Method: n/a	0.0 – 0.80m 0.80 – 1.20m 1.20 – 1.80m 1.80 – 4.00m 4.00 – 8.50m 8.50 – 12.40m	Ash FILL. Yellow brown silty clay with stones FILL. Silty PEAT Soft grey SILT with lenses of Sandstone. Dense SAND & GRAVEL, slightly silty. Very stiff, very sandy boulder CLAY.
ST08SW150 Approximately 174m S	Drilled by: Glamorgan County Council Highways Date: December 1965 Method: n/a	0.0 – 1.50m 1.50 – 3.00m 3.00m – 8.50m 8.50m – 11.00m 11.00m – 12.80m	Sandy, silty FILL. Grey to brown very clayey SILT. Medium dense SAND & GRAVEL. Soft grey SILT. Medium dense slightly silty SAND & GRAVEL.
ST08SW152 Approximately 221m S	Drilled by: Glamorgan County Council Highways Date: March 1965 Method: n/a	0.0 – 0.40m 0.40 – 2.70m 2.70m – 8.50m 8.50m – 13.50m 13.50m – 14.00m	TOPSOIL. Soft grey sandy clayey SILT. Medium dense SAND & GRAVEL. Soft dark grey slightly clayey SILT. Very dense SHALE.

BGS Reference		Summary of Ground Conditions	
ST08SW153 228m SE	Drilled by: Glamorgan County Council Highways Date: February 1965 Method: n/a	0.0 – 0.33m 0.33 – 0.80m 0.80m – 1.80m 1.80m – 6.70m 6.70 – 7.70m 7.70 – 11.80m	Silty peat TOPSOIL. Red brown silty PEAT. Soft grey sandy silty CLAY. Medium dense SAND & GRAVEL. Dense grey brown sandy SILT. Very stiff dark grey very sandy boulder CLAY.

2.2.6 Geological Hazard Ratings

The Envirocheck® Datasheet provides ground stability data for the site and surrounding area, a summary is provided in Table 2.2 below:

Table 2.2 - Summary of BGS Hazard Ratings

Hazard	Located	Direction	Hazard Potential
Potential for Collapsible Rocks Stability Hazards	On-site	-	Very Low
Potential for Landslide Ground Stability Hazards	On-site	-	Moderate
Potential for Ground Dissolution Stability Hazards	On-site	-	No Hazard
Potential for Compressible Ground Stability Hazards	On-Site	-	Moderate
Potential for Running Sand Ground Stability Hazards	On-site	-	Low
Potential for Shrinking or Swelling Clay Ground Stability Hazards	On-site	-	Very Low

2.3 Mining

2.3.1 BGS Mineral Sites

No records of mineral extraction have been identified within a 250m radius of the site.

2.3.2 Brine Extraction

No Brine Extraction Areas have been identified within a 250m radius of the site.

2.3.3 Coal Mining

The site is within a Coal Authority reporting area and High Risk Development Area. A Consultants Mining report was purchased from the Coal Authority and is presented within Appendix VI.

The property is not within a surface area that is affected by any past recorded underground coal mining. However, the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered, particularly prior to any site works or future development activity, as ground movement could still be a risk.

The property is not within a surface area that could be affected by present underground mining or by future plans.

A mine entry is recorded to the north-western section of the site. According to records held by the Coal Authority the shaft was filled with colliery refuse and capped with a 4m square concrete cap at some time in the past. A no build zone is likely to be required around the recorded shaft location.

Three outcrops of coal belonging to the Hafod Seam, No 2 Rhondda and No. 3 Rhondda have been recorded on site. The plan showing the outcrops can be found within Appendix VI. A further outcrop (Lower Pentre Seam) is recorded 23.5m to the south of the site.

HSP Consulting would recommend that a Coal Mining Risk Assessment be undertaken for the site to further assess the risk from the coal seams and mine entry recorded on the site to the proposed development.

2.4 Hydrogeology

2.4.1 Aquifer Units

The superficial deposits of Diamicton Till are classified as Secondary (Undifferentiated) and the Glaciofluvial Deposits are classified as a Secondary A Aquifer.

The South Wales Upper Coal Measures Formation bedrock deposits are classified as a Secondary A Aquifer, the Environment Agency defines this as *“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.”*

2.4.2 Groundwater Vulnerability

The site is not located within a Source Protection Zone.

The soil on site is classified as being of High Leaching Potential (U), this classification is given when soils information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst-case vulnerability classification (H) is assumed, until proven otherwise.

2.4.3 Groundwater Abstractions

No. groundwater abstraction licences have been identified within 250m of the site.

2.5 Hydrology

2.5.1 Nearest Surface Water Course

One surface water feature has been identified within 250m of the site. This is an inland river 106m to the south of the site.

2.5.2 Surface Water Quality

No Environment Agency River Quality Records have been identified within 250m of the site.

2.5.3 Surface Water Abstractions

No licensed surface water abstraction points are recorded within a 250m radius of the site.

2.5.4 Surface Water Discharge Consents

3. No Surface Water Discharge Consents are recorded within a 250m radius of the site. The closest record is recorded 103m south of the site and permits the discharge of Sewage Discharges – Final / Treated Effluent into a tributary of the Afon Clun. The discharge consent was revoked in April 1989.

2.6 Flood Risk

The north-western corner of the site is recorded at high risk of being affected by surface water flooding.

The site does not lie within an Environment Agency / National Resources Wales Zone 2 or Zone 3 floodplain.

The site does not lie within an area benefitting from flood defences or within an area used for flood storage.

Although the report provides information on flood risk this does not constitute a flood risk assessment for the site. The flood risk information provided only relates to flooding from Rivers or Seas and does not account for flooding from other sources such as groundwater, blockages in drainage systems, artificial water features and overland flow. A separate Flood Risk Assessment may be required for the site.

2.7 Radon

The property is not in a radon affected area with less than 1% of properties are above the action level. At this stage it is considered that no radon protection measures are necessary.

2.8 Sensitive Land Uses, Ecological and Statutory Designations

No records of sensitive land use (SSSI, SAC, Nature Reserves, Nitrate Vulnerable Zone, Environmentally Sensitive Areas, etc) have been identified within a 250m radius of the site.

3. Site History

The following section details the historical development of the site, with reference to historical Ordnance Survey maps. All distances are approximate and given from the site boundary. Descriptions in italics are as identified on the historical plans. For a complete list of maps consulted refer to the Envirocheck® Historical Mapping presented in Appendix IV.

Table 3.1 - Summary of Historical Maps

Published Map Date & Scale	Land Use on Site	Surrounding Land Use
Date : 1877 - 1885 Scale: 1:2,500 1:10,560 County Series	The site part of several fields. Three fields are recorded as rough pastureland and one as mixed woodland. A watercourse is indicated in the west of the site (its not clear on the 1 st Ed mapping, but shown on subsequent mapping)	The village of <i>Pen-y-gawsi</i> is recorded 150m northeast of the site. The village is formed of several cottages, a chapel and a <i>Gas Works</i> . <i>The Llantrisant and Taff Vale Junction Railway</i> line is recorded 120m south of the site which runs in an east to west direction. A pond is located 130m west of the site. The town of <i>Llantrisant</i> is recorded 350m north of the site. The surrounding land is made up of agricultural fields, rough pasture land and woodland.
Date : 1899 - 1900 Scale: 1:2,500 1:10,560 County Series	No significant change.	The <i>gas works</i> are now recorded as <i>Old Gas Works</i> . The railway line is recorded as <i>G.W.R Maesural Branch</i> . <i>The Afon Clun</i> is recorded 300m south of the site and flows in an east to west direction. <i>Talbot Road</i> is recorded 300m to the northwest, with residential dwellings beyond.
Date : 1919 - 1921 Scale: 1:2,500 1:10,560 County Series	No significant change.	The infrastructure associated with the gas works has been removed and two buildings are present on the site recorded as <i>Cae Rhys</i> .
Date : 1940 - 1951 Scale: 1:2,500 1:10,000 County Series Ordnance Survey Plan	No significant change.	Residential development has occurred within <i>Pen-y-gawsi</i> 100m northeast and <i>Llantrisant</i> 250m north of the site. <i>A Sewage Works</i> is recorded 300m north of the site.
Date : 1971 - 1975 Scale: 1:2,500 1:10,000 OS Plan	No significant change.	A dual carriage way (<i>A4119</i>) has been constructed 10m to the west of the site boundary on a slight embankment.
Date : 1979 - 1982 Scale: 1:2,500 1:10,000 OS Plan	<i>Penygawsi Primary School</i> is shown on the site.	Residential housing has been constructed adjacent to the northern boundary of the site. <i>A water treatment plant</i> is recorded 110m south of the site. Residential housing and a large rectangular building have been constructed 150m to the west of the site. Over the location of the potential pond feature identified on mapping from 1877.
Date : 1990 - 1999 Scale: 1:2,500 OS Plan 1:10,000 10k Raster Mapping	Terracing is indicated in the northern half of the site. The watercourse is no longer shown in the west of the site.	A large multi hexagonal building has been constructed 80m to the west of the site adjacent to residential housing. It is unlabelled however it is either an apartment block or retail area. <i>Newpark District Shopping Centre</i> has been constructed 120m northwest of the site. <i>A sewage works</i> is shown 80m southwest of the site.

Published Map Date & Scale	Land Use on Site	Surrounding Land Use
Date : 2006 - 2019 Scale: 1:10,000 10k Raster Mapping Vector Map Local	Three additional small buildings have been added to the school site.	The hexagonal buildings to the east of the site have been demolished and the <i>Sewage Works</i> are no longer recorded; a large retail building is shown. <i>Glamorgan Vale Retail Park</i> is shown approximately 60m to the south of the site beyond. The railway is recorded as <i>disused</i> .

4. Environmental Data

4.1 Polluting Activity

4.1.1 Pollution Incidents to Controlled Water

2 No. Environment Agency Recorded Pollution Incidents to Controlled Water have been recorded within a 250m radius of the site. These relate to crude sewage incident during November 1991 131m north west of the site and a deliberate act 144m north west of the site.

4.2 Licensed Industrial Activity

4.2.1 Licensed Sites

No Integrated Pollution Prevention and Controls, Environment Agency or Local Authority Integrated Pollution Controls, Environmental Permits or Enforcements are recorded within a 250m radius of the site.

There are no Registered Radioactive Substance Licences recorded within 250m of the site.

No Part A (2) or Part B Activities have been identified within a 250m radius of the site.

4.2.2 Current Industrial Activities

There are 4No. records of current industrial activities recorded within a 250m radius of the site. These relate to an active steam cleaning service, 10m north of the site, an active petrol filling station and hand car wash 133m west of the site and an inactive electrical goods sales, manufacturers and wholesalers 203m south of the site.

A sewage works has been recorded 102m southwest of the site.

4.2.3 Fuel Stations & Tanks

1No. fuel station entry has been identified within a 250m radius of the site. This relates to a Tesco Filling Station located 137m west of the site.

No historical tanks have been identified within a 250m radius of the site on the Envirocheck Datasheet.

There are no records of high pressure underground pipelines (oil and gas) within 250m of the site.

4.3 Waste and Material Storage Locations

4.3.1 Landfill

There are no records of Historical Landfill Sites or Licensed Waste Management Facilities recorded within a 250m radius of the site.

4.3.2 Waste Transfer Stations

No Registered Waste Treatment, Transfer or Disposal Sites have been recorded within a 250m radius of the site.

4.4 Local Authority Correspondence

A response was received from Rhondda Cynon Taf Council by email on the 30th August 2019 (Appendix VII) indicating the following:

- The site is not on potentially contaminated land however a number of past land uses were identified within a 250m radius of the site boundary.
- Thirteen past land uses within a 250m radius have been identified. These range from electrical substations, a water treatment plant, an old gas works, petrol filling stations, tanks and infilled ground.
- No landfill sites were identified within 250m of the site boundary.
- No contaminated land was identified within 250m of the site boundary.

4.5 Summary

Based on the information collated for the desk study, the geo-environmental setting of the site is summarised as follows:

- The site is shown as agricultural fields, woodland and rough pastureland from the earliest mapping (1877). Penygawsi Primary School is shown on site on the site from 1979 with subsequent regrading of the site and addition of small buildings in the 1990's and 2000's.
- The surrounding land use is recorded as predominantly agricultural with steady residential development in the 1950s. Industrial development within 250m includes railway land, an Old Gas Works and sewage works.
- Made Ground is not indicated within the site boundary on the published geological mapping.
- Superficial deposits underlying the majority of the site are expected to comprise Diamicton Till. The north western corner of the site is expected to be underlain by Devensian Glaciofluvial Deposits.
- The site is underlain by bedrock geology of the South Wales Upper Coal Measures Formation comprising Mudstone, Siltstone and Sandstone.
- The superficial geology is designated as Secondary Undifferentiated (Diamicton Till) and Secondary A (Glaciofluvial Deposits). The South Wales Upper Coal Measures bedrock geology is designated as a Secondary A Aquifer.
- A mine entry is recorded to the north-western section of the site. According to records held by the Coal Authority the shaft was filled with colliery refuse and capped with a 4m square concrete cap at some time in the past.
- Three outcrops of coal have been recorded on site.

Based on the above, the environmental sensitivity of the site can be considered to be Low at this stage.

5. Preliminary Conceptual Site Model (PCSM)

5.1 Introduction

The UK approach to risk assessment for both 'Contaminated Land' as defined by Part 2A of the Environmental Protection Act 1990 (EPA 1990) and for 'land affected by contamination' as defined in National Planning Policy Framework Planning Practice Guidance follows a risk-based tiered framework published by Defra and the Environment Agency in their guidance document '*CLR11 Model Procedures for the Management of Land Contamination*'.

The basis of CLR11 is the development of the conceptual site model (CSM) which is the representation of the source-pathway-receptor (pollutant) linkages upon which the assessment of risk can be based.

5.2 Risk Assessment Approach

The approach to the human health risk assessment reported here follows the principals given in CRL 11, i.e. application of the following assessment hierarchy:

- Tier 1 risk screening by establishment of potential pollutant linkages, i.e. the preliminary conceptual site model (PCSM), or
- Tier 2 generic quantitative assessment using generic assessment criteria (GACs) that represent 'acceptably low' risk, or
- Tier 3 quantitative risk assessment using site specific assessment criteria (SSACs) that represent 'unacceptable risk', or where generic assessment criteria are not available, or they are not applicable to the CSM.

At this stage there is no site-specific data available. The potential sources of contamination based on historical and current land uses were identified using the Envirocheck® Datasheet and Content Mapping (Appendix II & III) and Department of the Environment Industry Profiles. In the absence of a standard exposure scenario for a school environment, a conservative standard exposure scenario of residential without home-grown produce has been used to identify potential exposure pathways for human health receptors. Controlled water, flora and fauna and property receptors have also been included within the PCSM. We believe this to be appropriate at this stage based on the precautionary principle advocated by the CLR guidance.

5.3 Preliminary Conceptual Site Model

The PCSM was produced by undertaking a Source-Pathway-Receptor analysis of the site:

Sources (**S**) are potential or known contaminant sources, e.g. a former land use:

Pathways (**P**) are environmental systems through which a contaminant could migrate, e.g. air, groundwater;

Receptors (**R**) are sensitive environmental receptors that could be adversely affected by a contaminant, e.g. Site Occupiers, groundwater resources.

For a pollutant linkage to exist between a contaminant source and a receptor, a pathway must be present.

5.3.1 Sources

The potential sources of contamination within 250m of the site and associated groups of potentially contaminative substances are outlined below. The list of potential contaminants was derived from the Department of the Environment Industry Profiles. The activities and substances listed below should not be considered exhaustive and provides a guide to the likely range of contaminants which may be present.

On Site

- S1:** Historical and Contemporary land use: Agricultural Land.
There is limited risk of contamination on site however if any has occurred these contaminants are likely to be present: inorganic and organic contaminants including heavy metals, metalloids, acids/alkalis, TPH and PAH.
- S2:** Historical and Contemporary land use: Education Facility - Regrading of site levels.
There is limited risk of contamination on site however if any has occurred these contaminants are likely to be present: Inorganic and organic contaminants including heavy metals, metalloids, acids/alkalis, TPH, PAH and ground gases.

Off Site

- S3:** Historical & Contemporary Land Use: Railway line, Sewage Works and an Old Gas Works.
Inorganic and organic contaminants including heavy metals, metalloids, acids/alkalis, TPH, PAHs and ground gases.

5.3.2 Pathways

The site is underlain by a Secondary A Aquifers and a Secondary (Undifferentiated) Aquifer.

- P1:** Human uptake;
- Dermal contact with soils and dust
 - Ingestion of soils and dust
 - Inhalation of soils, dust and vapour
- P2:** Horizontal and vertical migration of contaminants through potentially permeable soils and rocks
- P3:** Migration along preferential pathways via underground services and drainage runs (pipes, culverts and granular material)
- P4:** Overland flow / surface runoff
- P5:** Vertical and lateral migration of ground gases and/or vapour
- P6:** Root uptake

5.3.3 Receptors

- R1:** End Users: Staff and students of the Educational Facilities
- R2:** Construction and maintenance workers
- R3:** Controlled Water, Secondary A and Secondary (Undifferentiated) Aquifers.
- R4:** Controlled Water, Surface Water.

- R5:** Property: Services (e.g. drinking water supply pipes) and structures/buildings (concrete used in foundations)
- R6:** Adjacent residential properties
- R7:** Proposed flora and fauna

5.3.4 Preliminary Qualitative Risk Assessment

For each potential pollutant linkage identified within the PCSM, the potential risk has been assessed on the probability of a pollution event and the severity it may have on the identified receptors. The results are presented in Table 5.1 below. The methodology for the assessment is presented in Appendix V.

Table 5.1 Preliminary Conceptual Site Model and Qualitative Risk Assessment

Source	Pathway	Receptor	Consequence	Probability	Risk	Comments
On site S1: Historical and Contemporary land use: Agricultural Land. S2: Historical and Contemporary land use: Education Facility - Regrading of site levels.	P1: Human uptake pathways	R1: End Users R2: Construction and maintenance workers	Mild	Low	Low	It is possible that end users / construction workers will come into contact with the soils across the site, however given the limited potential for contamination on site, the risk is considered to be LOW at this stage.
	P2: Horizontal and vertical migration of contaminants through potentially permeable soils and rocks. P3: Migration of contaminants along preferential pathways (man- made). P4: Surface runoff.	R3: Controlled Water: Groundwater & Surface Water	Mild	Unlikely	Very Low	The superficial deposits are classified as a Secondary Undifferentiated and Secondary A Aquifers. The bedrock geology is classified as a Secondary A Aquifer Based on the distance of possible receptors from the site, the risk to surface water and groundwater is considered to be VERY LOW.
Off Site (within 250m) S3: Historical & Contemporary Land Use: Railway line, Sewage Works and an Old Gas Works.	P2: Horizontal and vertical migration of contaminants through potentially permeable soils and rocks. P3: Migration of contaminants along preferential pathways (man- made). P4: Surface runoff.	R1: End Users R2: Construction and maintenance workers	Mild	Unlikely	Very Low	Due to the distance of potential off-site sources, the risk is considered to be VERY LOW.
	P5: Vertical and lateral migration of ground gases and/or vapour.	R1: End Users	Likely	Low	Moderate/ Low	Plausible sources of ground gas have been identified within a 250m radius of the site. The underlying superficial deposits are a potential pathway so therefore the risk is considered to be MODERATE/LOW. Investigation is required to clarify the risk.
	P2: Horizontal and vertical migration of contaminants through potentially permeable soils and rocks. P3: Migration of contaminants along preferential pathways (man- made). P4: Surface runoff. P5: Vertical and lateral migration of ground gases and/or vapour.	R4: Property, services and substructures R5: Adjacent Residential Properties	Mild	Low	Low	Shallow Made Ground and natural deposits may be aggressive to concrete and underground utilities. Until the potential has been investigated further, the risk is considered to be LOW.
	P6: Root uptake.	R6: Proposed Flora and fauna	Mild	Unlikely	Very Low	The development is unlikely to contain planting for human consumption. The risk at this stage of uptake to proposed flora and fauna is LOW.

6. Preliminary Engineering Constraints and Recommendations

Gleeds Management Services Ltd are undertaking a feasibility study at the existing Penygawsi Primary School. At this stage the development plans are not available for the site, however they are understood to involve the construction of additional educational facilities.

6.1 Geotechnical Constraints

The Envirocheck® datasheet and Historical Mapping suggest Made Ground may be encountered, any Made Ground would have an unknown composition and strength.

BGS mapping indicates the majority of the site is underlain by superficial deposits of Diamicton Till. The north western corner of the site is expected to be underlain by Devensian Glaciofluvial Deposits. This has the potential to result in variable ground condition across any building footprint which may lead to differential settlement of the foundations, this should be considered during the design of the proposed layout.

Bedrock geology belonging to the South Wales Upper Coal Measures Formation is expected to underlie the site. A mine entry is recorded in the north-western section of the site and three inferred outcrops of coal are shown on site. A separate Coal Mining Risk Assessment is being prepared for the site. Any intrusive ground investigations should be appropriately designed to investigate these areas fully. A no build zone is likely to be required around the recorded shaft location.

The groundwater regime on site is unknown and should be assessed further if practical (Resting groundwater level is anticipated to be at significant depth beneath the site).

6.2 Environmental Constraints

Any Made Ground on site may contain elevated concentrations of potentially harmful contaminants which may present a risk to the receptors identified in the PCSM including end users, adjacent residential properties or construction workers.

The Preliminary Conceptual Site Model indicates a low possibility that harm could arise to a designated receptor from identified hazards.

The site has historically been utilised as agricultural land prior to development of the school in the 1970s. The school remains on site but is currently in use. The risk from contamination is currently considered to be low (moderate to low for ground gases). If a geotechnical intrusive site investigation is being undertaken on the site, it would be prudent to collect a number of soil samples to be tested for a suite of potential contaminants.

Sources of ground gas have been identified within a 250m radius of the site, this relates to regrading of the levels on site and a historic railway line and old gas works within a 250m



radius. At this stage ground gas monitoring is recommended upon the site due to the sensitive nature of the proposed end use.

6.3 Recommendations

HSP would recommend that an intrusive geo-environmental investigation be undertaken across the site to confirm the recommendations outlined above.

The objectives of the investigation should be as follows:

- To establish the ground conditions laterally and vertically across the site, including the presence, distribution and composition of any Made Ground.
- To obtain soil samples for contamination analysis, in order to refine the PCSM and undertake generic quantitative risk assessment.
- To obtain data on the ground gas and groundwater regime.
- To obtain geotechnical design parameters for the proposed building including in-situ and laboratory testing.
- To assess if the soils and groundwater on site are likely to be aggressive to buried/surface concrete and proposed utilities.

Appendix I

DO NOT SCALE
NOTES:



 - Site Boundary



Lawrence House, Meadowbank Way,
Eastwood, Nottingham, NG16 3SB
Tel: 01773 535 555 Fax: 0870 600 6091
www.hspconsulting.com

CLIENT:
Gleeds Management Services

PROJECT:
Penygawsi Primary School

TITLE:
Site Location Plan

SCALE@SIZE : NTS	ISSUE: FINAL
DESIGN/DRAWN: LEJ	DATE: September 2019
PROJECT No: C3104	DRAWING No: 001

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Appendix II



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

211626090_1_1

Customer Reference:

C3104

National Grid Reference:

304720, 182790

Slice:

A

Site Area (Ha):

2.47

Search Buffer (m):

1000

Site Details:

Penygwasi Primary School, Llys Derwen

Llantrisant

PONTYCLUN

CF72 8PZ

Client Details:

Mr D Simpson

HSP Consulting Engineers

Lawrence House

Meadowbank

Eastwood

Nottinghamshire

NG16 3SB

Prepared For:

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Report Section	Page Number
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Industrial Land Use	39
Sensitive Land Use	49
Data Currency	51
Data Suppliers	57
Useful Contacts	58

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 3		3	6	11
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 8				17
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 11			2	2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 11		Yes		
Pollution Incidents to Controlled Waters	pg 11		1	2	7
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 13				1
River Quality	pg 13			1	2
River Quality Biology Sampling Points	pg 14				3
River Quality Chemistry Sampling Points	pg 15				1
Substantiated Pollution Incident Register	pg 15			1	
Water Abstractions	pg 16				9 (*5)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 19	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				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 20		1	19	37

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 27			1	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 27	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 27				12
Potentially Infilled Land (Water)	pg 28		8	2	24
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 30			1	
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 31	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 31	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 33				11
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 35	Yes	n/a	n/a	n/a
Mining Instability	pg 35	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 35				3
Natural Cavities	pg 36				3
Non Coal Mining Areas of Great Britain	pg 36	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 36	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 39		3	9	29
Fuel Station Entries	pg 42		1	1	1
Points of Interest - Commercial Services	pg 43		3		11
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 44			1	21
Points of Interest - Public Infrastructure	pg 46		4	5	5
Points of Interest - Recreational and Environmental	pg 47		2		11
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 49			1	12
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 50				1
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	0	1	304750 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	304800 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (N)	0	1	304722 182800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	0	1	304722 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	304750 182800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	0	1	304800 182750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	14	1	304850 182750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	32	1	304850 182700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	54	1	304550 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	151	1	304450 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	164	1	305000 182750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	166	1	305000 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	167	1	305000 182700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	179	1	305000 182800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	182	1	305000 182650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	201	1	304400 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	203	1	304722 183100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	219	1	304800 182500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	224	1	304450 182650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	227	1	304850 182500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	253	1	304700 182450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	276	1	304850 182450

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	A13SE (SE)	281	1	305000 182500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	303	1	304900 183150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	303	1	304350 182650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	314	1	305150 182750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	335	1	305000 183100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	361	1	304450 183150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	365	1	305200 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	368	1	305000 183150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	372	1	304300 182600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	384	1	304900 182350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	393	1	305100 183050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	395	1	304950 182350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	403	1	304700 182300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	403	1	304722 182300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	407	1	304750 182300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	412	1	305000 182350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	414	1	305250 182750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	415	1	305250 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	420	1	305250 182800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	435	1	305050 182350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	450	1	304150 182800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	453	1	304700 182250

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	A14SW (E)	465	1	305300 182791
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	470	1	305300 182800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	478	1	304550 182250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	479	1	305200 183050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	496	1	304500 182250
1	Discharge Consents 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	A13SW (S)	103	2	304700 182600
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Penygawsi Sso Authority: Natural Resources Wales Catchment Area: River Ely Reference: Af3026801 Permit Version: 1 Effective Date: 4th October 1971 Issued Date: 4th October 1971 Revocation Date: 4th March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Clun Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A13NW (N)	216	2	304660 183100
3	Discharge Consents 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	A13SW (SW)	218	2	304500 182600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<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>	A14SW (E)	266	2	305100 182700
5	<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>	A13SE (SE)	281	2	305000 182500
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantrisant - Southgate Tanks Authority: Natural Resources Wales Catchment Area: River Ely Reference: Ae2025216 Permit Version: 1 Effective Date: 15th April 1964 Issued Date: 15th April 1964 Revocation Date: 6th May 1998 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Clun Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	344	2	304400 183100
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>	A8NE (SE)	369	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 - Pumping Staions 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>	A8NW (S)	416	2	304600 182300
8	<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>	A8NW (S)	416	2	304600 182300
9	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage 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</p>	A9NW (SE)	558	2	305320 182450
9	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage 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</p>	A9NW (SE)	558	2	305320 182450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Discharge Consents</p> <p>Operator: Mid Glamorgan County Council Property Type: Education Location: Y Pant School Stw Authority: Natural Resources Wales Catchment Area: River Ely Reference: Ae2025801 Permit Version: 1 Effective Date: 12th May 1964 Issued Date: 12th May 1964 Revocation Date: 19th November 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Not Supplied Environment: Receiving Water: Clun River Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	710	2	304200 182200
11	<p>Discharge Consents</p> <p>Operator: Purolite International Ltd Property Type: Trade (Unknown/Other) Location: Purolite International Ltd Cowbridg, Comwbridge Road, Pontyclun, Mid Glamorgan, Cf7 8yl Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0369601 Permit Version: 1 Effective Date: 27th October 2004 Issued Date: 27th October 2004 Revocation Date: 5th June 2008 Discharge Type: Trade Effluent Discharge: Onto Land Environment: Receiving Water: To Land 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>	A7NW (SW)	721	2	304000 182420
12	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Llantrisant-Rear Of 22 Heol Mi Authority: Natural Resources Wales Catchment Area: River Ely Reference: Ae2025217 Permit Version: 1 Effective Date: 15th April 1964 Issued Date: 15th April 1964 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 10m</p>	A12SW (W)	737	2	303870 182720
13	<p>Discharge Consents</p> <p>Operator: Purolite International Ltd Property Type: Manufacture Of Clay Products Location: Pontyclun - Purolite Internati Authority: Natural Resources Wales Catchment Area: River Ely Reference: An0013101 Permit Version: 1 Effective Date: 29th July 1986 Issued Date: 29th July 1986 Revocation Date: 1st September 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Land Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	758	2	303950 182430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Llantrisant (Malthouse) Authority: Natural Resources Wales Catchment Area: River Ely Reference: An0203301 Permit Version: 1 Effective Date: 2nd October 1989 Issued Date: 2nd October 1989 Revocation Date: 14th March 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Soakaway Status: Consent expired Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	789	2	304200 183500
15	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Talbot Green - Heol Johnson Authority: Natural Resources Wales Catchment Area: River Ely Reference: AN0090201 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 15th August 2000 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Clun Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	809	2	303800 182700
16	<p>Discharge Consents</p> <p>Operator: The Royal Mint Property Type: Jewellery & Coins Location: The Royal Mint Llantrisant Pontyclu, Llantrisant Pontyclun Authority: Natural Resources Wales Catchment Area: River Ely Reference: Af3004301 Permit Version: 1 Effective Date: 13th December 1967 Issued Date: 13th December 1967 Revocation Date: 1st August 1994 Discharge Type: Trade Effluent Discharge: Not Supplied Environment: Receiving Water: Nant Mychydd Status: Consent expired Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	971	2	303670 183100
17	<p>Discharge Consents</p> <p>Operator: Mid Glamorgan County Council Property Type: Undefined Or Other Location: Proposed Llantrisant By-Pass Highwa, Highway Land Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ae2032902 Permit Version: 1 Effective Date: 23rd June 1965 Issued Date: 23rd June 1965 Revocation Date: 27th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Afon Clun Status: Consent expired Positional Accuracy: Approximate location provided by supplier</p>	A7SW (SW)	992	2	304000 182000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Discharge Consents</p> <p>Operator: Mid Glamorgan County Council Property Type: Undefined Or Other Location: Proposed Llantrisant By-Pass Highwa, Highway Land Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ae2032903 Permit Version: 1 Effective Date: 23rd June 1965 Issued Date: 23rd June 1965 Revocation Date: 27th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Afon Clun Status: Consent expired Positional Accuracy: Approximate location provided by supplier</p>	A7SW (SW)	992	2	304000 182000
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: BF3664 Dated: 22nd June 1999 Process Type: IPC major (substantial) variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	941	3	303747 182423
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: AX0143 Dated: 25th November 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	941	3	303747 182423
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: BF2030 Dated: 25th February 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	943	3	303747 182418
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: AM3430 Dated: 1st March 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	943	3	303747 182418
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF7 8YL Authority: Environment Agency, Welsh Region Permit Reference: BC8198 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	945	3	303747 182413

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF7 8YL Authority: Environment Agency, Welsh Region Permit Reference: AZ3054 Dated: 12th August 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	945	3	303742 182423
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: AK9038 Dated: 1st March 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	945	3	303747 182413
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: BF3702 Dated: 22nd June 1999 Process Type: IPC major (substantial) variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	946	3	303742 182423
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: AM3421 Dated: 1st March 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	947	3	303742 182418
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: Bk4472 Dated: 2nd March 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	948	3	303742 182418
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF7 8YL Authority: Environment Agency, Welsh Region Permit Reference: BC8210 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	948	3	303742 182418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: Bi2184 Dated: Not Supplied Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Application has met the requirements for authorisation (but not yet authorised) Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	948	3	303742 182418
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: BF3745 Dated: 22nd June 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	950	3	303737 182423
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF7 8YL Authority: Environment Agency, Welsh Region Permit Reference: BC8201 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	950	3	303742 182413
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, PONTYCLUN, Mid Glamorgan, CF7 8YL Authority: Environment Agency, Welsh Region Permit Reference: BA4175 Dated: 3rd February 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	950	3	303737 182423
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: AM3413 Dated: 1st March 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	950	3	303742 182413
18	<p>Integrated Pollution Controls</p> <p>Name: Purolite International Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YL Authority: Environment Agency, Welsh Region Permit Reference: BE2743 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	952	3	303737 182418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tesco Stores Ltd Location: Green Park, Talbot Green, LLANTRISANT, CF72 8RB Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: PPC 56 Dated: 21st February 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	260	4	304350 182892
20	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tesco Stores Ltd Location: Newpark Shops, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8RH Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: EPA PS4 Dated: 9th October 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	314	4	304286 182820
21	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Classic Cleaners Location: 5 Talbot Road, Pontyclun, Cf72 8ad Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: PPC 75 Dated: 3rd October 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	605	4	304000 182900
22	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Staedtler (Uk) Ltd Location: Cowbridge Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 8YJ Authority: Rhondda Cynon Taff County Borough Council, Public Health and Protection Division Permit Reference: PPC 39 Dated: 16th November 1994 Process Type: Local Authority Pollution Prevention and Control Description: Part B - General Coating Process (No Specific Reference) Status: Authorisation certificate surrendered by operator Positional Accuracy: Manually positioned to the address or location</p>	A7NW (SW)	868	4	303831 182418
	Nearest Surface Water Feature	A13SE (S)	106	-	304768 182609
23	<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>	A13SW (SW)	227	3	304600 182500
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road (Lost Load) Location: Roundabout By Homeworld, TALBOT GREEN Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Accidental Spillage/Leakage Incident Date: 15th April 1992 Incident Reference: 3978 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	269	3	304400 183000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<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>	A8NE (SE)	367	3	305001 182401
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Pontsticill Reservoir Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Weather Incident Date: 24th May 1996 Incident Reference: 28584 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	641	3	304200 182300
27	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Rear Of Puralite Works Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Mechanical/Electrical Plant Failure Incident Date: 4th May 1996 Incident Reference: 28952 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>	A7NW (SW)	763	3	304000 182350
28	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Surface Water Outfall Location: TALBOT GREEN Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Poor Operational Practise Incident Date: 8th December 1994 Incident Reference: 22072 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	817	3	303900 182400
29	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Storm Overflow Location: Ynysmaerdy Mid, Glam Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Blocked Sewer Incident Date: 30th June 1992 Incident Reference: 4495 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Bypass Of Treatment Facilities Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	869	3	303750 183000
30	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Brynteg Lane, BEDDAU Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 21st January 1997 Incident Reference: 30956 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>	A18NE (N)	943	3	305001 183801

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<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>	A15NW (E)	979	3	305800 182900
31	<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>	A15NW (E)	989	3	305800 182950
32	<p>Registered Radioactive Substances</p> <p>Name: Welsh Health Common Services Authority Location: Welsh Blood Service, Ely Valley Road, Talbot Green, PONTYCLUN, Mid Glamorgan, CF72 9NB Authority: Natural Resources Wales Permit Reference: AX2260 Dated: 22nd January 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	601	2	304034 183021
	<p>River Quality</p> <p>Name: Nant Clun GQA Grade: River Quality B Reach: Conf.Ely - Conf.Mwyndy Bk. Estimated Distance (km): 2.1 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000</p>	A8NE (S)	388	3	304867 182331
	<p>River Quality</p> <p>Name: Nant Clun GQA Grade: River Quality B Reach: Conf.Mwyndy Bk.-Conf.Nant Cymdda Bach Estimated Distance (km): .8 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000</p>	A9NE (SE)	667	3	305426 182417
	<p>River Quality</p> <p>Name: Nant Clun GQA Grade: River Quality C Reach: Conf.Nant Cymdda Bach-U/S Rhiwsaeson Stw Estimated Distance (km): 1.4 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000</p>	A15SW (E)	930	3	305750 182560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<p>River Quality Biology Sampling Points</p> <p>Name: Clun Reach: Confluence Nant Cymdda Bach To Upstream Rhwiwsaeson Sewage Treatment Works Estimated Distance: 1.40 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2006 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2007 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade C - Fairly Good</p>	A7NE (SW)	653	3	304100 182400
34	<p>River Quality Biology Sampling Points</p> <p>Name: Clun Reach: Confluence River Ely To Confluence Mwyndy Brook Estimated Distance: 2.10 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2006 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2007 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2008 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2009 GQA Grade: River Quality Biology GQA Grade E - Poor</p>	A14SE (E)	702	3	305500 182500
35	<p>River Quality Biology Sampling Points</p> <p>Name: Clun Reach: Confluence Mwyndy Brook To Confluence Nant Cymdda Bach Estimated Distance: 0.80 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 1995 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade D - Fair</p>	A15SW (E)	973	3	305800 182600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<p>River Quality Chemistry Sampling Points</p> <p>Name: Nant Clun Reach: Confluence Mwyndy Brook To Confluence Nant Cymdda Bach Estimated Distance: 0.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade F - Bad Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade F - Bad Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade F - Bad Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied</p>	A9NW (SE)	557	3	305300 182420
37	<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>	A8NE (S)	365	2	304850 182360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<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>	A12SE (SW)	584	3	304115 182495
38	<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>	A12SE (SW)	586	3	304110 182500
38	<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>	A12SE (SW)	588	3	304110 182495
39	<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>	A12SW (SW)	678	3	304005 182495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	<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>	A12SW (W)	680	3	304000 182500
39	<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>	A12SW (W)	683	3	304000 182495
40	<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>	A7NW (SW)	743	3	304005 182375
40	<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>	A7NW (SW)	744	3	304000 182380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<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>	A7NW (SW)	747	3	304000 182375
	<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>	A4NE (SE)	1211	2	305550 181750
	<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>	A4NE (SE)	1215	2	305550 181745
	<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>	A4SW (S)	1684	3	305320 181115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions 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	(S)	1689	2	305320 181110
	Water Abstractions 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	(S)	1689	3	305320 181110
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge:	A13SE (SE)	0	2	304722 182791
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge:	A13SW (W)	0	2	304668 182799
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	2	304722 182791
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (W)	0	2	304668 182799
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (SE)	0	2	304722 182791
	Extreme Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
41	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	A13SE (SE)	203	5	304840 182522
42	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	A8NW (S)	327	5	304698 182377
43	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	A8NW (SW)	334	5	304524 182419
44	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	A8NW (S)	350	5	304702 182353
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 377.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clun Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	367	5	304830 182355
46	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	A8NW (S)	373	5	304706 182330
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Afon Clun Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	404	5	305072 182400
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 439.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clun Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	405	5	305077 182402

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 177.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	426	5	304266 182557
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	428	5	304269 182550
51	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	A8NW (SW)	433	5	304521 182309
52	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	A7NE (SW)	440	5	304332 182454
53	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	A7NE (SW)	447	5	304339 182437
54	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	A8NW (S)	451	5	304522 182288
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	460	5	304278 182488
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	473	5	304290 182452
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	479	5	304338 182389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	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	A7NE (SW)	479	5	304337 182391
59	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	A7NE (SW)	479	5	304338 182389
60	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	A7NE (SW)	482	5	304332 182391
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 187.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	503	5	304310 182384
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 242.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	525	5	304306 182356
63	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	A14SW (SE)	551	5	305340 182505
64	OS Water Network Lines 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	A8NW (SW)	555	5	304429 182219
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 578.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	685	5	304144 182296
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	685	5	304144 182296

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 397.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clun Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (SE)	699	5	305484 182466
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (SE)	699	5	305484 182466
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	719	5	305497 182444
70	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	A9NE (SE)	724	5	305499 182436
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	745	5	303966 183211
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	766	5	304145 182176
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	774	5	303915 183181
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	793	5	303911 183211
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 335.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Clun Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7SE (SW)	810	5	304149 182110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	820	5	303879 183209
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	858	5	303982 183415
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	924	5	303937 183463
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 502.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SE (N)	924	5	304747 183821
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 614.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cymdda-bach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NE (E)	930	5	305722 183013
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	951	5	303695 183111
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	954	5	303744 183241
83	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	954	5	303887 183454
84	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	955	5	303885 183454

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	955	5	303885 183454
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	956	5	303744 183246
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	957	5	303745 183250
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	958	5	303881 183453
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Cymdda-bach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15SW (E)	972	5	305802 182622
90	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	A15SW (E)	973	5	305803 182618
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	977	5	303871 183470
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	984	5	303666 183128
93	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	A9SE (SE)	987	5	305574 182073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	990	5	303740 183311
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	993	5	303791 183395
96	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	A9SE (SE)	994	5	305572 182059
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	995	5	303740 183320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Historical Landfill Sites 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	A8NE (S)	414	2	304910 182321
	Local Authority Landfill Coverage Name: Rhondda Cynon Taff County Borough Council - Has supplied landfill data		0	6	304722 182791
99	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NE (S)	519	-	304722 182185
100	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SW (NE)	545	-	305133 183268
101	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NW (SW)	583	-	304421 182191
102	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NW (E)	616	-	305383 183012
103	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NE (SE)	783	-	305461 182257
104	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17NE (NW)	798	-	304168 183491
105	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17NE (NW)	808	-	304307 183583
106	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SW (S)	810	-	304558 181906
107	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A3NE (S)	947	-	304795 181761
108	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9SE (SE)	955	-	305408 181963
109	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SE (NE)	974	-	305621 183310
110	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A15SW (E)	994	-	305803 182499

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A13SW (SW)	9	-	304666 182728
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A13SW (SW)	28	-	304662 182703
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A13SE (S)	99	-	304759 182611
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A13SW (W)	152	-	304453 182783
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A13SE (E)	189	-	305020 182687
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13NE (N)	205	-	304790 183094
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A13SE (S)	212	-	304784 182503
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A13SW (W)	223	-	304391 182742
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A13NE (NE)	251	-	304902 183082
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18SW (NW)	357	-	304548 183202
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18SW (N)	501	-	304580 183373
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	512	-	305255 183024
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A9NW (SE)	520	-	305090 182274
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A18SW (N)	542	-	304584 183418
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A12SE (W)	544	-	304097 182613
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A19SW (NE)	582	-	305062 183378
127	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A18NW (N)	661	-	304585 183541
128	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A18NE (N)	672	-	304725 183569
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A12NW (W)	712	-	303905 182978
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12SW (W)	712	-	303921 182608
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A17SE (NW)	744	-	304085 183357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NE (E)	771	-	305518 183086
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NE (NE)	803	-	305527 183136
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A14NE (E)	803	-	305627 182861
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A18NW (N)	829	-	304526 183700
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A18NE (N)	843	-	304759 183739
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18NW (N)	845	-	304515 183714
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A14NE (E)	883	-	305704 182890
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1965	A18NW (N)	890	-	304579 183774
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A18NE (N)	891	-	304797 183786
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1921	A12SW (W)	900	-	303760 182498
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A7SW (SW)	935	-	303971 182116
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A14NE (E)	936	-	305729 183008
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A15NW (E)	970	-	305758 183026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	<p>Control of Major Accident Hazards Sites (COMAH)</p> <p>Name: Orica Europe Limited Location: near centre, LLANTRISANT, Mid Glamorgan, CF7 Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Manually positioned within the geographical locality</p>	A18SE (N)	282	7	304721 183179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13SE (SE)	0	1	304722 182791
	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)	0	1	304722 182791
	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	A13SW (SW)	0	1	304673 182753
	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 (N)	16	1	304741 182912
	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)	117	1	304738 182589
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (N)	174	1	304765 183068
	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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18SW (N)	296	1	304624 183174

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 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>	A13SW (SW)	334	1	304382 182559
	<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>	A8NE (S)	357	1	304772 182352
	<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>	A18SE (NE)	426	1	305000 183230
	<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>	A8NE (S)	428	1	304918 182308
	<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>	A19SW (NE)	551	1	305216 183164
	<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>	A12SW (W)	600	1	304000 182791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	626	1	304000 183000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	747	1	305000 182000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	855	1	303961 183388
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (E)	929	1	305752 182881
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NW (NW)	942	1	303948 183500
146	BGS Recorded Mineral Sites 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	A8NE (S)	568	1	304776 182141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	<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>	A8NW (SW)	573	1	304440 182193
148	<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>	A14NE (E)	647	1	305435 182972
149	<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>	A19SW (NE)	699	1	305325 183270
150	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Caerlan Location: Dan Caerlan, Llantrisant, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 26691 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	713	1	304920 183585
151	<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>	A8SW (S)	762	1	304620 181946
152	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pont-Y-Parc Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127772 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>	A9NE (SE)	781	1	305469 182271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Hen Felin Wynt Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127768 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>	A17NE (NW)	795	1	304162 183483
154	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Malthouse Location: Llantrisant, Pontyclun, Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 127767 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brithdir Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	819	1	304308 183597
155	<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>	A19SE (NE)	902	1	305550 183290
156	<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>	A3NE (S)	957	1	304785 181750
	<p>BGS Measured Urban Soil Chemistry</p> <p>No data available</p>				
	<p>BGS Urban Soil Chemistry Averages</p> <p>No data available</p>				
	<p>Coal Mining Affected Areas</p> <p>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.</p>	A13SE (SE)	0	8	304722 182791
	<p>Mining Instability</p> <p>Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied</p>	A13SE (SE)	0	-	304722 182791
	<p>Man-Made Mining Cavities</p> <p>Easting: 304800 Northing: 182200 Distance: 513 Quadrant Reference: A8 Quadrant Reference: NE Bearing Ref: S Cavity Type: Not supplied Commodity: Lead Solid Geology Detail: No Details Superficial Geology: No Details Detail:</p>	A8NE (S)	513	9	304800 182200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 305000 Northing: 182000 Distance: 747 Quadrant Reference: A8 Quadrant Reference: SE Bearing Ref: S Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology No Details Detail:	A8SE (S)	747	9	305000 182000
	Man-Made Mining Cavities Easting: 305000 Northing: 182000 Distance: 747 Quadrant Reference: A8 Quadrant Reference: SE Bearing Ref: S Cavity Type: Not supplied Commodity: Iron Solid Geology Detail: No Details Superficial Geology No Details Detail:	A8SE (S)	747	9	305000 182000
	Natural Cavities Easting: 304561 Northing: 181904 Distance: 811 Quadrant Reference: A8 Quadrant Reference: SW Bearing Ref: S Cavity Type: Sinkhole x 9 Solid Geology Detail: Dolomitic Conglomerate, Middle Coal Measures Superficial Geology Glacial Till and morainic drift Detail:	A8SW (S)	811	9	304561 181904
	Natural Cavities Easting: 304500 Northing: 181900 Distance: 828 Quadrant Reference: A8 Quadrant Reference: SW Bearing Ref: S Cavity Type: Sinkhole x 4 Solid Geology Detail: Dolomitic Conglomerate, Middle Coal Measures Superficial Geology Glacial Till and morainic drift Detail:	A8SW (S)	828	9	304500 181900
	Natural Cavities Easting: 304760 Northing: 181720 Distance: 985 Quadrant Reference: A3 Quadrant Reference: NE Bearing Ref: S Cavity Type: Sinkhole x 8 Solid Geology Detail: Lower Carboniferous Limestone, Lower Carboniferous Limestone Superficial Geology Glacial Till and morainic drift Detail:	A3NE (S)	985	9	304760 181720
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	304722 182788
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182791
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	304673 182753
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	189	1	305000 182634
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	304673 182753
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182791
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	189	1	305000 182634
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182791
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	304754 182835
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	304737 182812
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	126	1	304964 182781
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182786
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	166	1	305000 182791
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	203	1	304785 182513
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	304673 182753
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	16	1	304741 182912
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182791
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	183	1	305000 182809
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	189	1	305000 182634
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	304668 182799

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	16	1	304741 182912
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	95	1	304858 182636
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	164	1	305000 182791
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	183	1	305000 182809
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	304722 182791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<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>	A13NW (N)	10	-	304690 182883
158	<p>Contemporary Trade Directory Entries</p> <p>Name: Tesco Filling Station Location: Green Park, Talbot Green, Pontyclun, CF72 8RB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	133	-	304596 182620
159	<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>	A13SW (S)	203	-	304678 182501
160	<p>Contemporary Trade Directory Entries</p> <p>Name: Tesco Stores Ltd Location: Green Pk, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8RB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A12SE (W)	299	-	304330 182692
161	<p>Contemporary Trade Directory Entries</p> <p>Name: Comet Location: Unit 1, Talbot Green Retail Park, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8LW Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	331	-	304345 183031
162	<p>Contemporary Trade Directory Entries</p> <p>Name: Memories Foil Printing Location: Tyn-y-Cae, Church Street, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8EW Classification: Hot Foil Stamping Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	440	-	304674 183333
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Ironed 4 U Location: 97, Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AE Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	450	-	304201 183029
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Hot Print Location: 89a, Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	462	-	304183 183018
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Planet Communications Location: 87, Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AE Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	466	-	304176 183013
163	<p>Contemporary Trade Directory Entries</p> <p>Name: The Repair Shop Location: 87, Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AE Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	466	-	304176 183013
163	<p>Contemporary Trade Directory Entries</p> <p>Name: Llantrisant Electrical Discount Centre Location: 77, Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AE Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	482	-	304154 183003

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	<p>Contemporary Trade Directory Entries</p> <p>Name: Eccentric Gin Company Ltd Location: Rear Of Wheatsheaf Inn, High Street, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8BQ Classification: Distilleries Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A18SE (N)	479	-	304817 183369
165	<p>Contemporary Trade Directory Entries</p> <p>Name: Eupal Location: 52a, Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AF Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	506	-	304107 182933
165	<p>Contemporary Trade Directory Entries</p> <p>Name: Giles Insurance Brokers Location: Talbot House, Talbot Road, Talbot Green, Pontyclun, CF72 8AF Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	526	-	304083 182918
166	<p>Contemporary Trade Directory Entries</p> <p>Name: M Rees & Sons Location: Roam Rd, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8BX Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A18SE (N)	515	-	304906 183382
167	<p>Contemporary Trade Directory Entries</p> <p>Name: P P Systems Location: 51, Heol Johnson, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8HR Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	523	-	304080 182768
168	<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>	A14NW (NE)	536	-	305254 183072
168	<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>	A14NW (NE)	538	-	305255 183073
169	<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>	A14NW (E)	558	-	305355 182933
170	<p>Contemporary Trade Directory Entries</p> <p>Name: Trustmark Design & Print Ltd Location: Print Shop, Talbot Road, Talbot Green, CF72 8AF Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	583	-	304020 182881
170	<p>Contemporary Trade Directory Entries</p> <p>Name: Evans Halshaw Location: Talbot Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8YB Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	595	-	304007 182877
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Ercol-Restoration Location: 35, Swan Street, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8ED Classification: French Polishing Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	600	-	304656 183492

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	<p>Contemporary Trade Directory Entries</p> <p>Name: Furniture Restoration Uk Location: 35, Swan Street, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8ED Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	600	-	304656 183492
172	<p>Contemporary Trade Directory Entries</p> <p>Name: Fourty Winks Bed Centre Location: 3-7, Ely Valley Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AL Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A12NE (NW)	601	-	304065 183094
173	<p>Contemporary Trade Directory Entries</p> <p>Name: Town Garage Location: Town Garage, Newbridge Road, Llantrisant, Pontyclun, CF72 8EX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	645	-	304839 183533
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Classic Cleaners Location: 5, Talbot Road, Talbot Green, Pontyclun, CF72 8AD Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	652	-	303953 182900
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Db Autos Location: Talbot Square, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	680	-	303927 182918
174	<p>Contemporary Trade Directory Entries</p> <p>Name: D B Autos Van & Car Sales Ltd Location: Talbot Square, Talbot Green, Pontyclun, CF72 8AB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	681	-	303926 182918
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Db Autos Location: Talbot Square, Talbot Green, Pontyclun, CF72 8AB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	681	-	303926 182918
174	<p>Contemporary Trade Directory Entries</p> <p>Name: K D Tyres Location: Tamplins Yard, Talbot Square, Talbot Green, Pontyclun, CF72 8AB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	687	-	303919 182913
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Ats Euromaster Ltd Location: Tamplins Yard, Talbot Square, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	691	-	303915 182907
174	<p>Contemporary Trade Directory Entries</p> <p>Name: Ats Euromaster Ltd Location: Tamplins Yard, Talbot Square, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	691	-	303915 182907
175	<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>	A14NE (E)	664	-	305432 183020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	<p>Contemporary Trade Directory Entries</p> <p>Name: Premier Business Communications Location: First Floor, 15, Stuart Terrace, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AA Classification: Radio Communication Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	668	-	303933 182843
176	<p>Contemporary Trade Directory Entries</p> <p>Name: Express Press Location: 5, Stuart Terrace, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8AA Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	686	-	303915 182816
177	<p>Contemporary Trade Directory Entries</p> <p>Name: Craegmoor Healthcare Company Ltd Location: Newbridge Road, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8EX Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A18NE (N)	700	-	304883 183581
178	<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>	A14NE (E)	723	-	305496 183023
179	<p>Contemporary Trade Directory Entries</p> <p>Name: Empire Cars Ltd Location: Groes Faen Motor Services, Lanelay Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8HZ Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	784	-	303818 182868
180	<p>Contemporary Trade Directory Entries</p> <p>Name: Dove Coatings Location: 100 Newbridge Rd, Llantrisant, Pontyclun, Mid Glamorgan, CF72 8EY Classification: Coating Specialists Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A19NW (N)	892	-	305087 183716
181	<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>	A14NE (E)	929	-	305674 183128
182	<p>Contemporary Trade Directory Entries</p> <p>Name: Staedler Ltd Location: Cowbridge Road, Talbot Green, Pontyclun, Mid Glamorgan, CF72 8YJ Classification: Writing & Drawing Materials - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	947	-	303742 182418
183	<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>	A13NW (W)	137	-	304465 182846
184	<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>	A14NW (NE)	459	-	305150 183094
185	<p>Fuel Station Entries</p> <p>Name: R J Bown Ltd Location: Talbot Road, Talbot Green, Llantrisant, Rhondda Cynon Taf, CF72 8YB Brand: Esso Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier</p>	A12NW (W)	801	-	303799 182818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	<p>Points of Interest - Commercial Services</p> <p>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</p>	A13NW (W)	133	10	304474 182863
186	<p>Points of Interest - Commercial Services</p> <p>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</p>	A13NW (W)	134	10	304473 182862
186	<p>Points of Interest - Commercial Services</p> <p>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</p>	A13NW (W)	137	10	304465 182846
187	<p>Points of Interest - Commercial Services</p> <p>Name: Eupal Location: 52a Talbot Road, Talbot Green, Pontyclun, CF72 8AF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A12NE (W)	506	10	304107 182933
187	<p>Points of Interest - Commercial Services</p> <p>Name: R S Mobile Mechanic Location: 41 Danygraig Crescent, Talbot Green, Pontyclun, CF72 8AR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A12NE (W)	540	10	304098 183020
188	<p>Points of Interest - Commercial Services</p> <p>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</p>	A14NW (NE)	538	10	305255 183073
188	<p>Points of Interest - Commercial Services</p> <p>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</p>	A14NW (NE)	538	10	305255 183073
188	<p>Points of Interest - Commercial Services</p> <p>Name: D J 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</p>	A14NW (NE)	538	10	305255 183073
189	<p>Points of Interest - Commercial Services</p> <p>Name: C & C Stevens Location: Town Garage, Newbridge Road, Llantrisant, Pontyclun, CF72 8EX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A18NE (N)	653	10	304840 183541
189	<p>Points of Interest - Commercial Services</p> <p>Name: Town Garage Location: Town Garage, Newbridge Road, Llantrisant, Pontyclun, CF72 8EX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	A18NE (N)	653	10	304840 183541
190	<p>Points of Interest - Commercial Services</p> <p>Name: Eupal Location: 27 Dan y Graig Heights, Talbot Green, Pontyclun, CF72 8FD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location</p>	A17SE (NW)	663	10	304175 183328

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	Points of Interest - Commercial Services Name: D B Autos Location: Talbot Square, Talbot Green, Pontyclun, CF72 8AB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	681	10	303926 182918
192	Points of Interest - Commercial Services Name: Southgate Garage Llantrisant 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	A14NE (E)	721	10	305495 183020
192	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	A14NE (E)	722	10	305496 183020
193	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	465	10	304623 183349
194	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	A14SW (SE)	567	10	305350 182490
194	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	A14SW (SE)	574	10	305359 182492
195	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	A18NE (N)	701	10	304833 183591
195	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	A18NE (N)	703	10	304846 183591
196	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	A7NW (SW)	771	10	303971 182374
196	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	A7NW (SW)	784	10	303936 182404
196	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	A7NW (SW)	833	10	303904 182363
197	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	A7NW (SW)	801	10	303899 182433

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	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	A7NW (SW)	822	10	303889 182408
197	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	A7NW (SW)	846	10	303863 182406
197	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	A7NW (W)	872	10	303821 182429
197	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	A7NW (W)	915	10	303782 182410
198	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	A17NE (NW)	822	10	304265 183576
198	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	A17NE (NW)	849	10	304276 183613
199	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	A9SW (SE)	834	10	305192 181974
200	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	A7NW (SW)	857	10	303956 182253
201	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	A7NW (SW)	869	10	303889 182321
202	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	A12SW (W)	876	10	303764 182558
203	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	A7NW (SW)	946	10	303865 182225
203	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	962	10	303843 182227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Points of Interest - Manufacturing and Production Name: Factory Location: CF72 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	972	10	303832 182225
204	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	A13SW (SW)	102	10	304642 182619
205	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	A13NW (W)	135	10	304468 182848
205	Points of Interest - Public Infrastructure Name: Tesco Filling 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	A13NW (W)	136	10	304467 182847
205	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	A13NW (W)	137	10	304465 182846
206	Points of Interest - Public Infrastructure Name: Tesco Petrol Filling Station Location: Newpark Shops, Talbot Green, Pontyclun, CF72 8RH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (W)	319	10	304281 182825
207	Points of Interest - Public Infrastructure Name: Llantrisant Police Station Location: Talbot Green Police Station 1-3, Heol-y-Gyfraith, Talbot Green, Pontyclun, CF72 8AJ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	477	10	304131 182907
207	Points of Interest - Public Infrastructure Name: Talbot Green Police Station Location: Police Station 1-3, Heol-y-Gyfraith, Talbot Green, Pontyclun, CF72 8AJ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	477	10	304131 182907
207	Points of Interest - Public Infrastructure Name: Llantrisant Police Station Location: Police Station 1-3, Heol-y-Gyfraith, Talbot Green, Pontyclun, CF72 8AJ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12NE (W)	482	10	304127 182911
208	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	A9NW (SE)	499	10	305124 182321
208	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	A9NW (SE)	510	10	305145 182323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	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	A9NW (SE)	615	10	305222 182249
209	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	A9NW (SE)	623	10	305238 182252
210	Points of Interest - Public Infrastructure Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	845	10	304684 183740
210	Points of Interest - Public Infrastructure Name: Burial Ground Location: CF72 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	846	10	304684 183741
211	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	170	10	304685 183060
211	Points of Interest - Recreational and Environmental Name: Playground Location: Tir Meibion Lane, CF72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (N)	172	10	304686 183062
212	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	650	10	304920 183520
213	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	A14NE (E)	694	10	305512 182883
214	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	741	10	304808 183634
214	Points of Interest - Recreational and Environmental Name: Playground Location: Gwaunruperra Road, CF72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (N)	742	10	304806 183635
215	Points of Interest - Recreational and Environmental Name: Playground Location: (Maes-Y-Wennol), CF72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SW (S)	844	10	304704 181859
216	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	868	10	304641 183760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	Points of Interest - Recreational and Environmental Name: Playground Location: (Heol Illyd), CF72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	868	10	304641 183760
217	Points of Interest - Recreational and Environmental Name: Playground Location: Lanelay Road, CF72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A11SE (W)	930	10	303676 182715
217	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	933	10	303675 182700
218	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	995	10	305244 183751
218	Points of Interest - Recreational and Environmental Name: Playground Location: (Dan Caerlan), CF72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19NW (NE)	996	10	305242 183753

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	Ancient Woodland Name: Not Supplied Reference: 14773 Area(m ²): 7526.81 Type: Ancient and Semi-Natural Woodland	A8NE (S)	481	2	304722 182223
220	Ancient Woodland Name: Not Supplied Reference: 21687 Area(m ²): 3383.36 Type: Restored Ancient Woodland Site	A8NW (SW)	504	2	304468 182256
221	Ancient Woodland Name: Not Supplied Reference: 10494 Area(m ²): 87245.54 Type: Restored Ancient Woodland Site	A8NW (SW)	512	2	304465 182248
222	Ancient Woodland Name: Not Supplied Reference: 21686 Area(m ²): 3459.03 Type: Restored Ancient Woodland Site	A8NW (S)	555	2	304518 182180
223	Ancient Woodland Name: Not Supplied Reference: 21690 Area(m ²): 21877.31 Type: Restored Ancient Woodland Site	A19SW (NE)	581	2	305196 183249
224	Ancient Woodland Name: Not Supplied Reference: 14774 Area(m ²): 4482.03 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	586	2	304262 182313
225	Ancient Woodland Name: Not Supplied Reference: 14776 Area(m ²): 4412.73 Type: Ancient and Semi-Natural Woodland	A14SE (E)	758	2	305565 182521
226	Ancient Woodland Name: Not Supplied Reference: 21669 Area(m ²): 650.24 Type: Restored Ancient Woodland Site	A8SW (S)	783	2	304429 181969
227	Ancient Woodland Name: Not Supplied Reference: 40269 Area(m ²): 2417.21 Type: Plantation on Ancient Woodland	A7SE (SW)	810	2	304323 181987
228	Ancient Woodland Name: Not Supplied Reference: 42657 Area(m ²): 7460.82 Type: Plantation on Ancient Woodland	A8SW (S)	812	2	304403 181948
229	Ancient Woodland Name: Not Supplied Reference: 21669 Area(m ²): 141037.14 Type: Restored Ancient Woodland Site	A7SE (SW)	840	2	304122 182095
230	Ancient Woodland Name: Not Supplied Reference: 21691 Area(m ²): 3480.47 Type: Restored Ancient Woodland Site	A19SE (NE)	973	2	305533 183451
231	Ancient Woodland Name: Not Supplied Reference: 14781 Area(m ²): 8547.84 Type: Ancient and Semi-Natural Woodland	A15NW (E)	987	2	305812 182875

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	<p>Sites of Special Scientific Interest</p> <p>Name: Llantrisant Common And Pastures Multiple Areas: N Total Area (m2): 1134404.82 Source: Natural Resources Wales Reference: 160233wnt Designation Details: Biological Designation Date: 31st May 2000 Date Type: Notified</p>	A18NE (N)	838	2	304773 183734

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Vale Of Glamorgan County Borough Council - Environmental Health Department Bridgend County Borough Council - Environmental Health Department Cardiff Council - Pollution Control Division Rhondda Cynon Taff County Borough Council - Environmental Services	April 2014 January 2015 October 2017 October 2017	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Natural Resources Wales Environment Agency - Welsh Region	April 2019 August 2014	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Welsh Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	April 2019 April 2019	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bridgend County Borough Council - Environmental Health Department 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	July 2015 June 2014 March 2016 September 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Bridgend County Borough Council - Environmental Health Department 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	July 2015 June 2014 March 2016 September 2014	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bridgend County Borough Council - Environmental Health Department 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	July 2015 June 2014 March 2016 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2019	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	April 2019 April 2019 April 2019	Quarterly Quarterly Quarterly

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

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Natural Resources Wales	July 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	April 2019 April 2019 April 2019	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bridgend County Borough Council Cardiff Council Rhondda Cynon Taff County Borough Council Vale Of Glamorgan County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bridgend County Borough Council Cardiff Council Rhondda Cynon Taff County Borough Council Vale Of Glamorgan County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Bridgend County Borough Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department Vale Of Glamorgan County Borough Council - Planning Department Cardiff Council - Regulatory Services	February 2016 February 2016 January 2016 October 2015	Variable Variable Variable Variable
Planning Hazardous Substance Consents Bridgend County Borough Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department Vale Of Glamorgan County Borough Council - Planning Department Cardiff Council - Regulatory Services	February 2016 February 2016 January 2016 October 2015	Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2019	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	July 2019	Quarterly
Points of Interest - Education and Health PointX	July 2019	Quarterly
Points of Interest - Manufacturing and Production PointX	July 2019	Quarterly
Points of Interest - Public Infrastructure PointX	July 2019	Quarterly
Points of Interest - Recreational and Environmental PointX	July 2019	Quarterly
Underground Electrical Cables National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	August 2018	Bi-Annually
Areas of Adopted Green Belt Cardiff Council	March 2019	As notified
Areas of Unadopted Green Belt Cardiff Council	March 2019	As notified
Areas of Outstanding Natural Beauty Natural Resources Wales	June 2019	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Bridgend County Borough Council Cardiff Council Rhondda Cynon Taff County Borough Council Vale Of Glamorgan County Borough Council	August 2018 August 2018 August 2018 August 2018	Bi-Annually Bi-Annually Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	August 2018	Bi-Annually
National Nature Reserves Natural Resources Wales	June 2019	Bi-Annually
National Parks Natural Resources Wales	August 2018	Annually
Nitrate Vulnerable Zones Natural Resources Wales The National Assembly for Wales - GI Services (Department of Planning & Countryside)	July 2017 October 2005	Bi-Annually
Ramsar Sites Natural Resources Wales	February 2019	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2019	Bi-Annually
Special Areas of Conservation Natural Resources Wales	August 2018	Bi-Annually
Special Protection Areas Natural Resources Wales	August 2018	Bi-Annually

A selection of organisations who provide data within this report

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

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	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
10	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

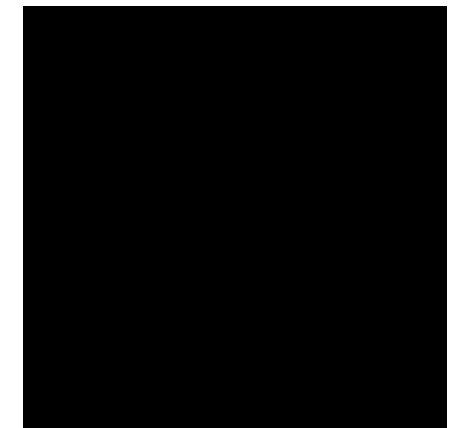
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Appendix III





Site Sensitivity Map - Segment A13

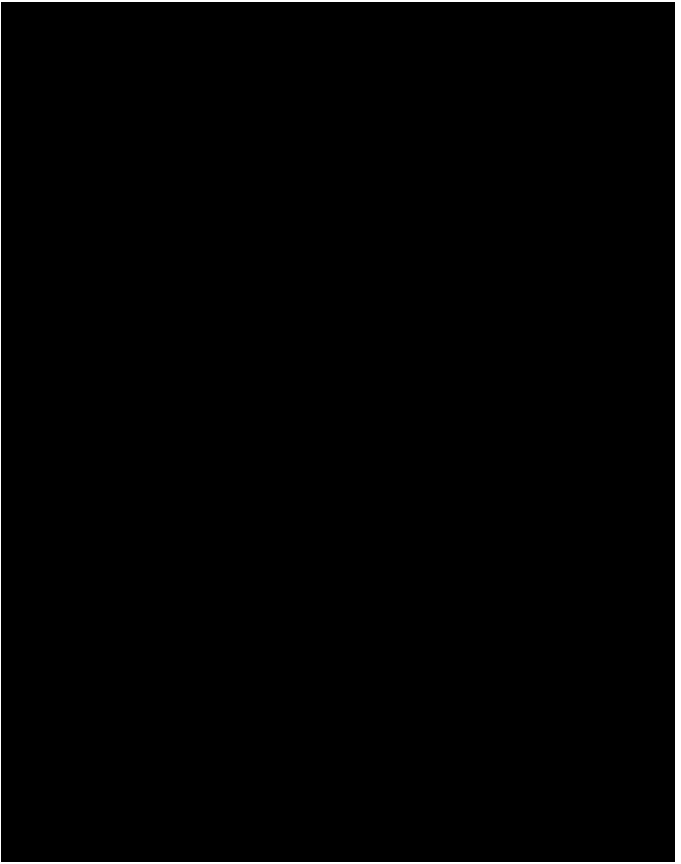
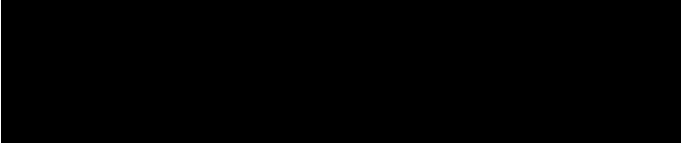
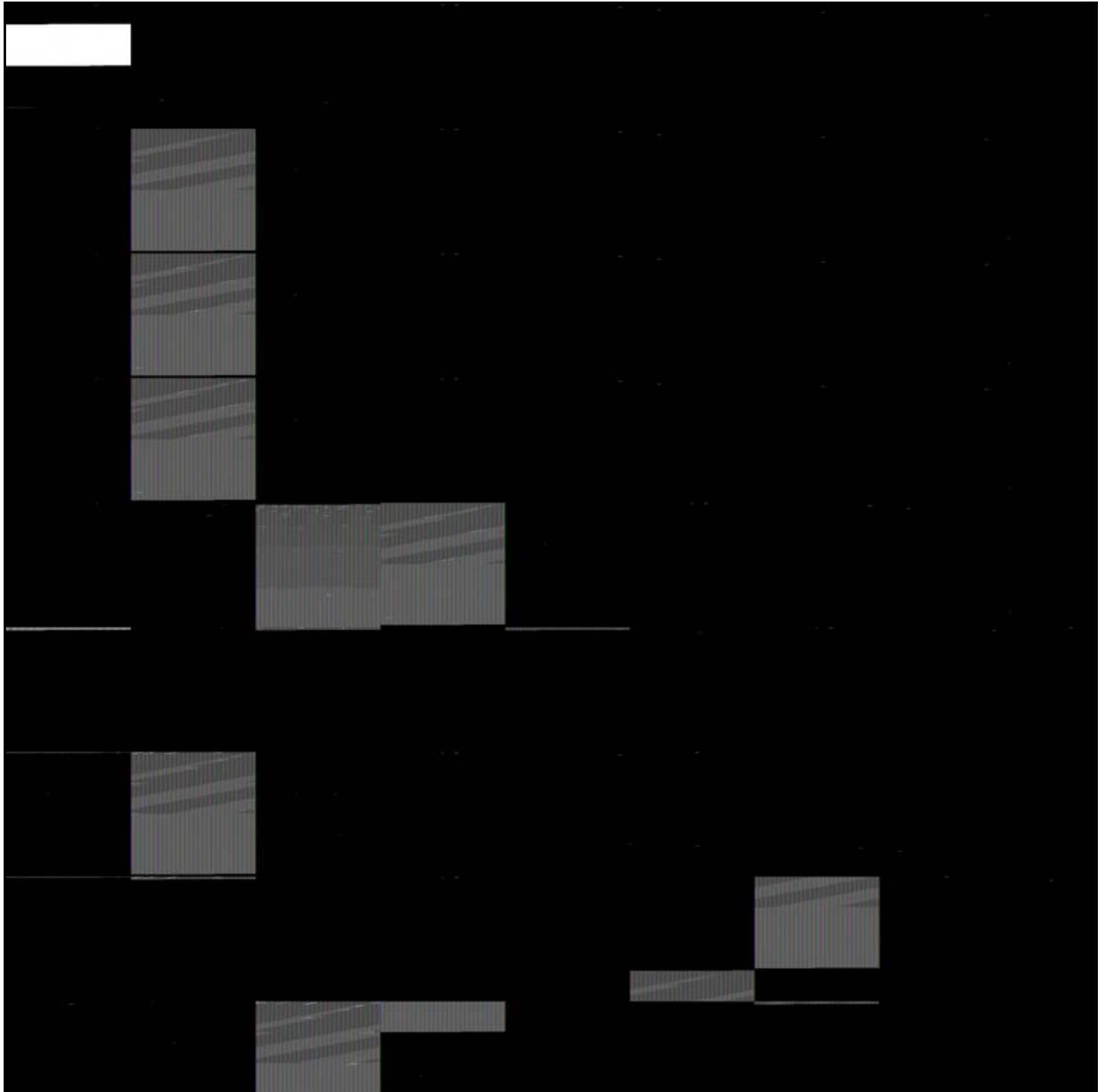


Order Details

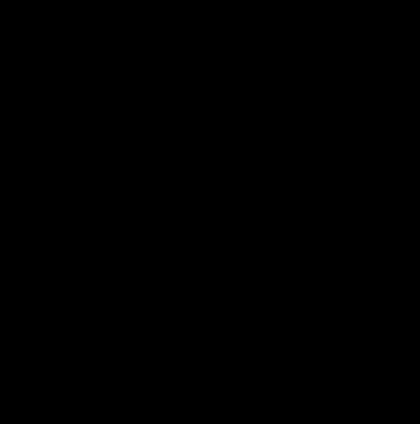
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Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Plot Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Site Sensitivity Map - Slice A



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



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

Industrial Land Use Map



Industrial Land Use Map - Slice A

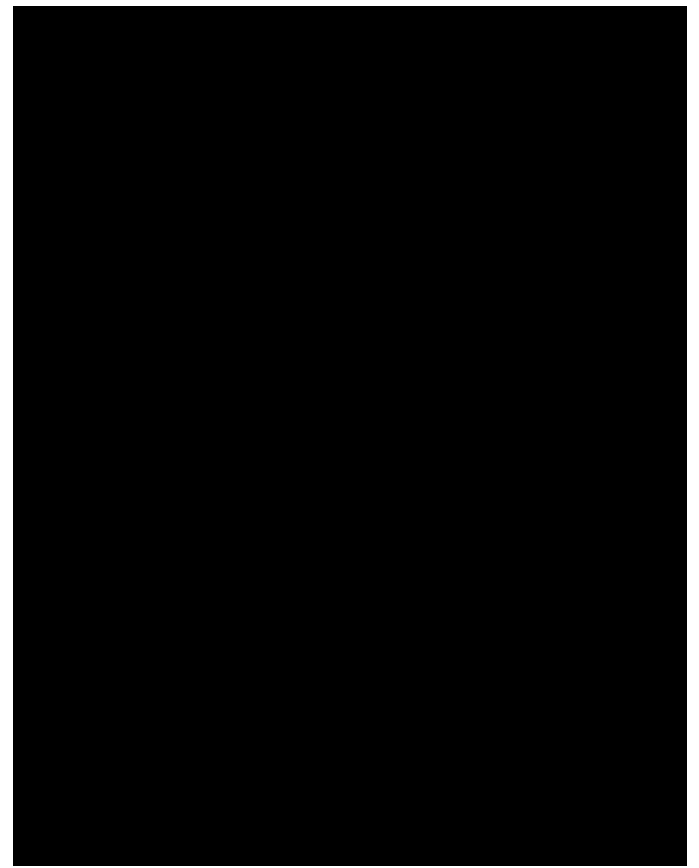


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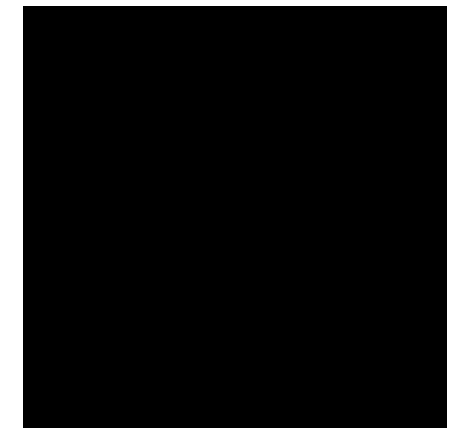
Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Flood Map - Slice A

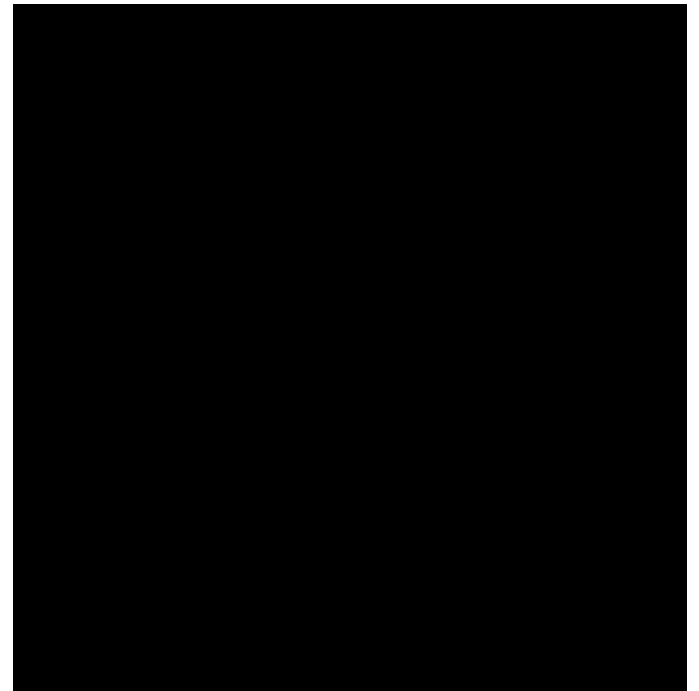


Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

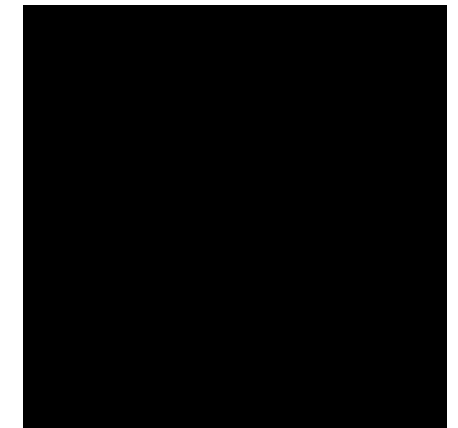
Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



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

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

Borehole Map - Slice A

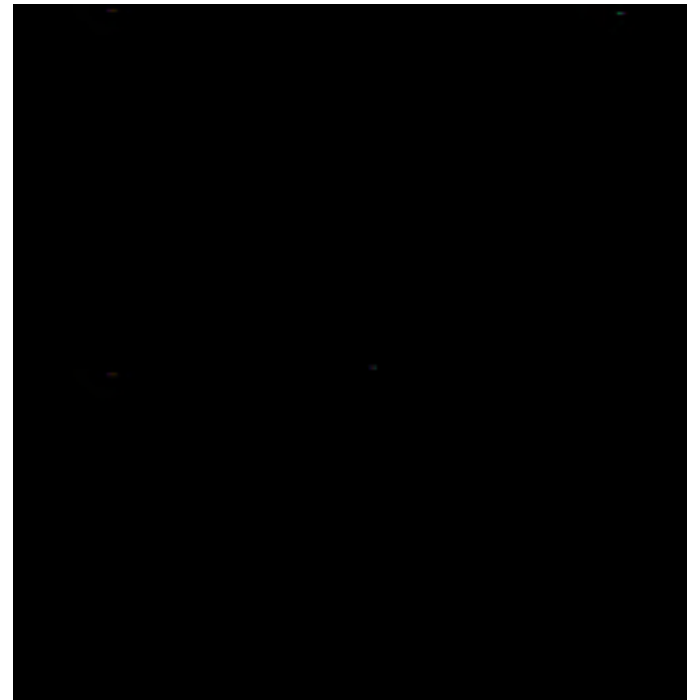


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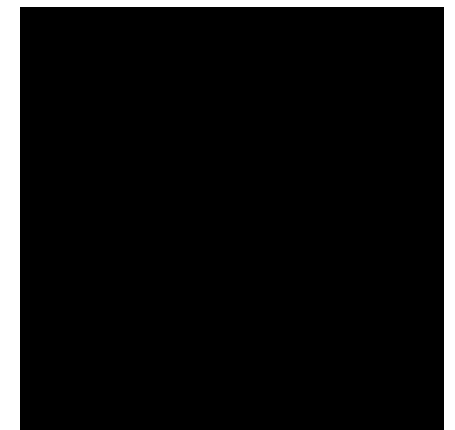
Order Number:	211626090_1_1
Customer Ref:	C3104
National Grid Reference:	304720, 182790
Slice:	A
Site Area (Ha):	2.47
Search Buffer (m):	1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant, PONTYCLUN, CF72 8PZ



OS Water Network Map - Slice A

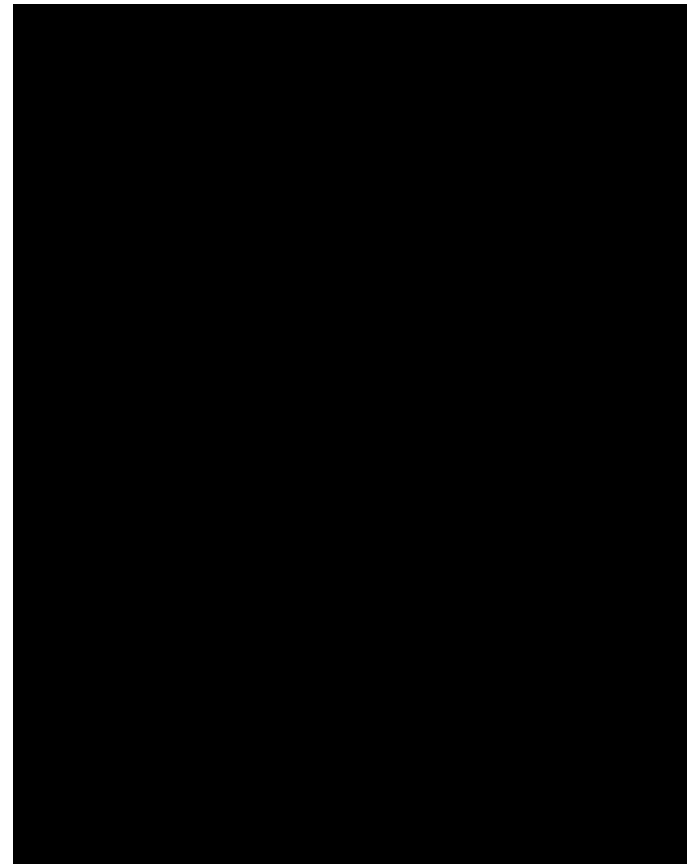


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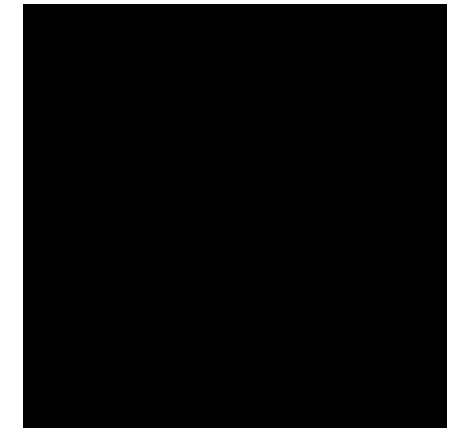
Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



EANRW Suitability Map - Slice A



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

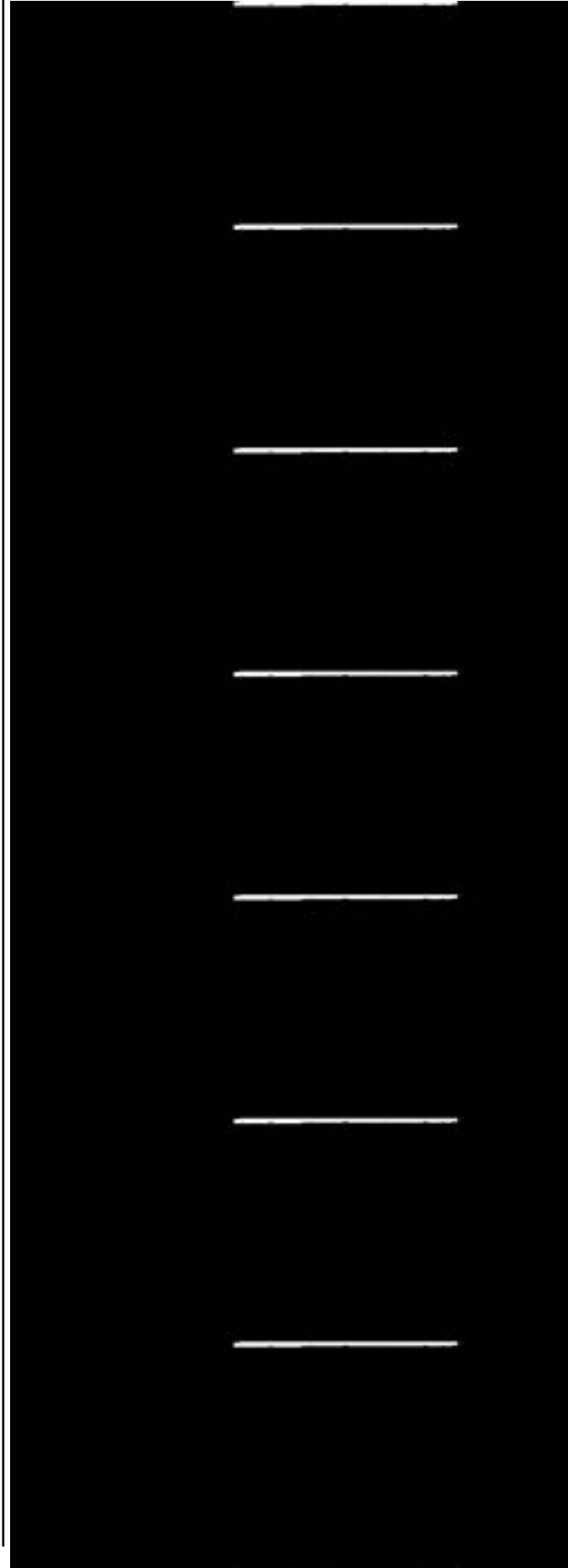
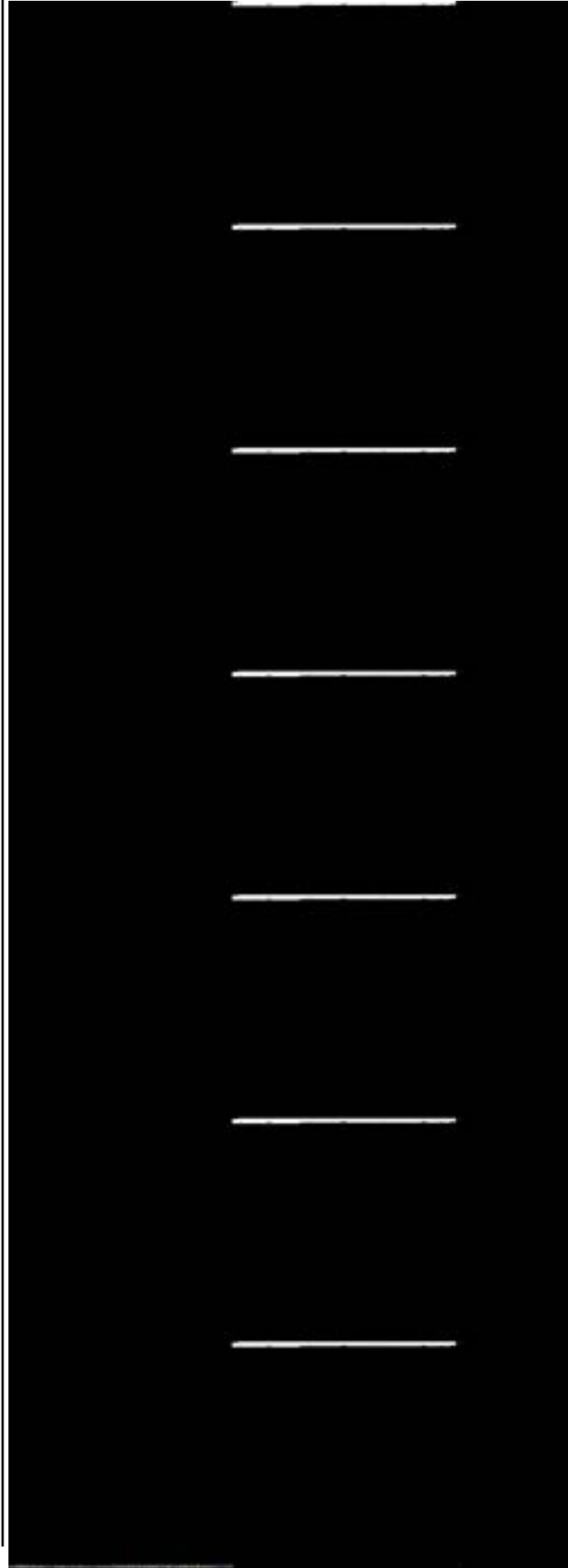
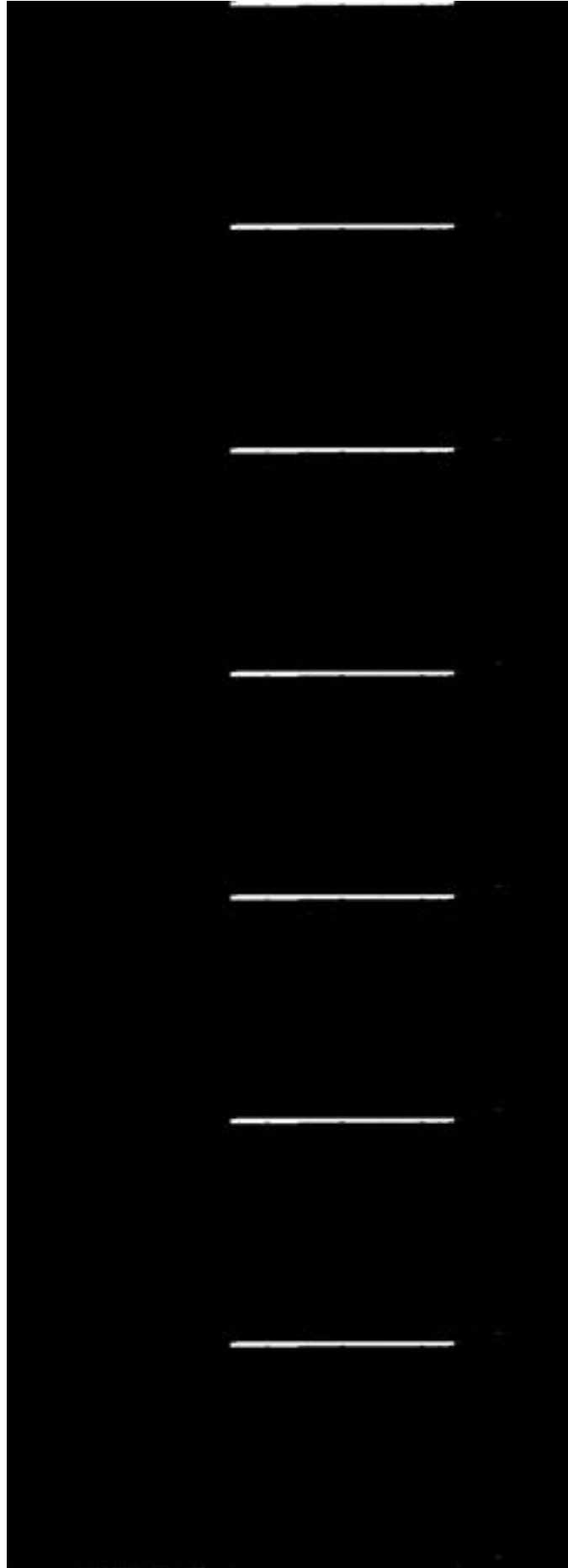
Appendix IV

Historical Mapping Legends

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

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

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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1877	2
Glamorganshire	1:2,500	1899	3
Glamorganshire	1:2,500	1919	4
Glamorganshire	1:2,500	1940	5
Ordnance Survey Plan	1:2,500	1962	6
Ordnance Survey Plan	1:2,500	1971 - 1972	7
Supply of Unpublished Survey Information	1:2,500	1973	8
Additional SIMs	1:2,500	1979	9
Additional SIMs	1:2,500	1981 - 1992	10
Ordnance Survey Plan	1:2,500	1984 - 1990	11
Ordnance Survey Plan	1:2,500	1990	12
Additional SIMs	1:2,500	1992	13
Large-Scale National Grid Data	1:2,500	1993	14
Large-Scale National Grid Data	1:2,500	1995	15
Large-Scale National Grid Data	1:2,500	1996	16
Large-Scale National Grid Data	1:2,500	1996	17
Historical Aerial Photography	1:2,500	2000	18

Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
 Customer Ref: C3104
 National Grid Reference: 304720, 182790
 Slice: A
 Site Area (Ha): 2.47
 Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
 PONTYCLUN, CF72 8PZ

Glamorganshire

Published 1877

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

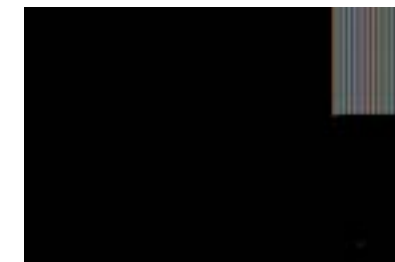
Glamorganshire

Published 1899

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

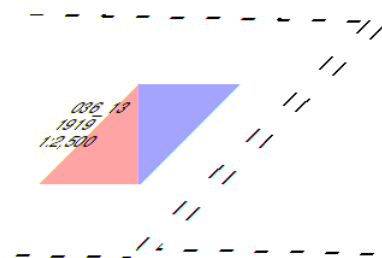
Glamorganshire

Published 1919

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

Glamorganshire

Published 1940

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

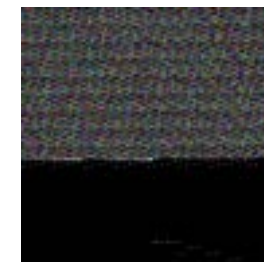
Ordnance Survey Plan

Published 1962

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Ordnance Survey Plan

Published 1971 - 1972

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Supply of Unpublished Survey Information

Published 1973

Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Additional SIMs

Published 1979

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

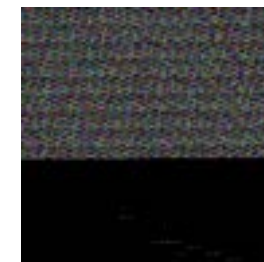
Additional SIMs

Published 1981 - 1992

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Ordnance Survey Plan

Published 1984 - 1990

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Ordnance Survey Plan

Published 1990

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Additional SIMs

Published 1992

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Large-Scale National Grid Data

Published 1993

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

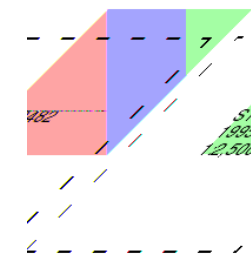
Large-Scale National Grid Data

Published 1995

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Large-Scale National Grid Data

Published 1996

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Large-Scale National Grid Data

Published 1996

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ



Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 100

Site Details

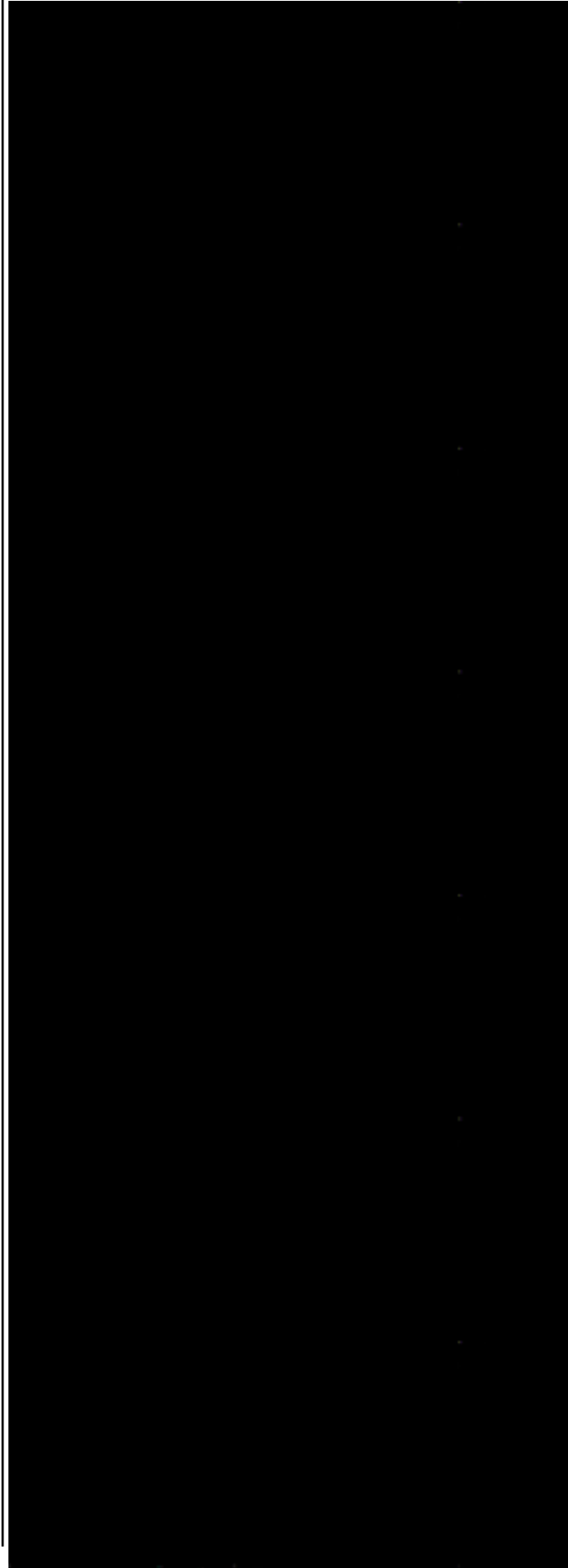
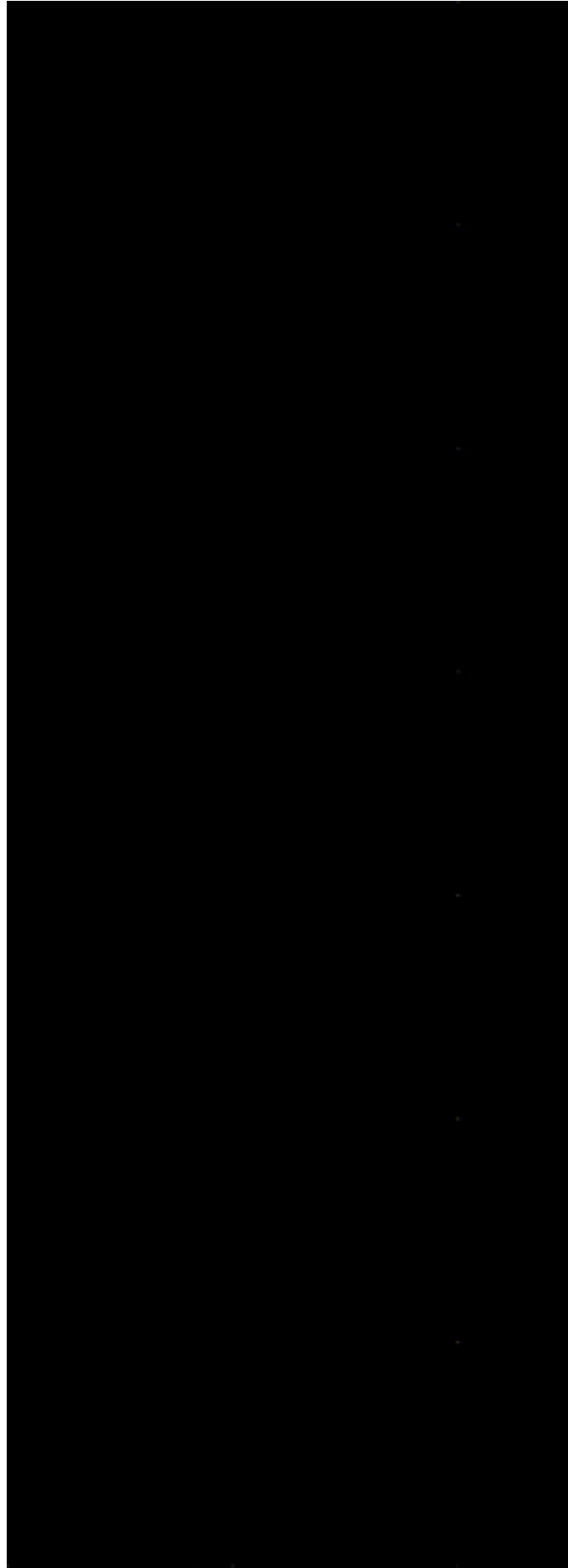
Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Ordnance Survey Plan 1:10,000

1:10,000 Raster Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1885	2
Glamorganshire	1:10,560	1900	3
Glamorganshire	1:10,560	1921	4
Glamorganshire	1:10,560	1947 - 1951	5
Historical Aerial Photography	1:10,560	1947 - 1949	6
Glamorganshire	1:10,560	1953	7
Ordnance Survey Plan	1:10,000	1964 - 1965	8
Ordnance Survey Plan	1:10,000	1974 - 1975	9
Ordnance Survey Plan	1:10,000	1980 - 1982	10
Ordnance Survey Plan	1:10,000	1993	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2019	14

Historical Map - Slice A



Order Details

Order Number: 211626090_1_1
 Customer Ref: C3104
 National Grid Reference: 304720, 182790
 Slice: A
 Site Area (Ha): 2.47
 Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
 PONTYCLUN, CF72 8PZ

Glamorganshire

Published 1885

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

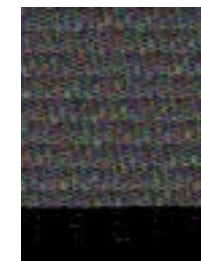
Glamorganshire

Published 1900

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

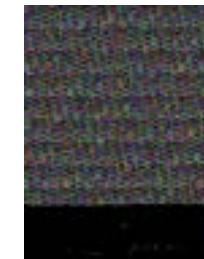
Glamorganshire

Published 1921

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

Glamorganshire

Published 1947 - 1951

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 211626090_1_1
Customer Ref: C3104
National Grid Reference: 304720, 182790
Slice: A
Site Area (Ha): 2.47
Search Buffer (m): 1000

Site Details

Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

Historical Aerial Photography

Published 1947 - 1949

Source map scale - 1:10,560

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

© Landmark Information Group and/or Data Suppliers 2010.

Map Name(s) and Date(s)

Historical Aerial Photography - Slice A

Order Details

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Landmark
INFORMATION GROUP

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

Glamorganshire

Published 1953

Source map scale - 1:10,560

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

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Penygwasi Primary School, Llys Derwen, Llantrisant,
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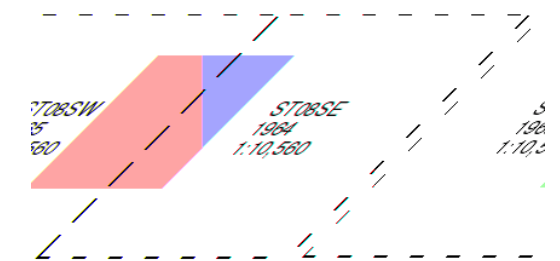
Ordnance Survey Plan

Published 1964 - 1965

Source map scale - 1:10,000

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

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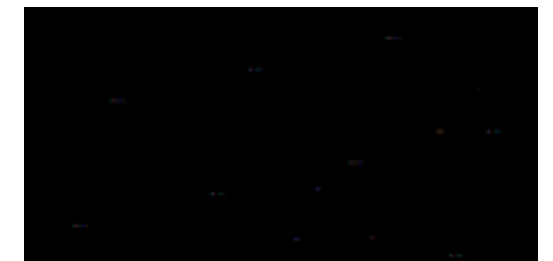
Ordnance Survey Plan

Published 1974 - 1975

Source map scale - 1:10,000

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

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Penygwasi Primary School, Llys Derwen, Llantrisant,
PONTYCLUN, CF72 8PZ

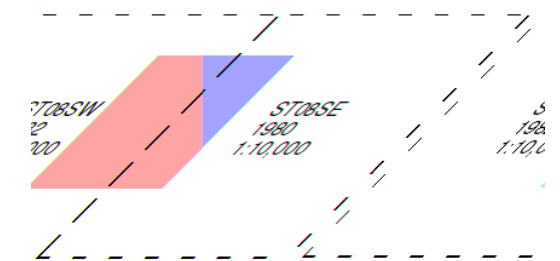
Ordnance Survey Plan

Published 1980 - 1982

Source map scale - 1:10,000

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

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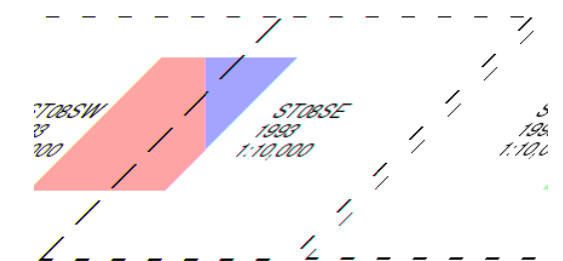
Ordnance Survey Plan

Published 1993

Source map scale - 1:10,000

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

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Landmark
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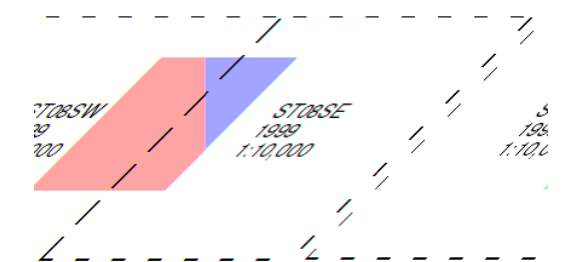
10k Raster Mapping

Published 1999

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



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Penygwasi Primary School, Llys Derwen, Llantrisant,
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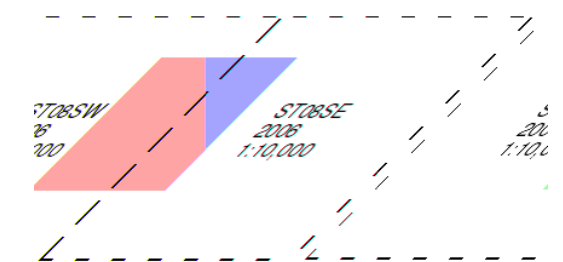
10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

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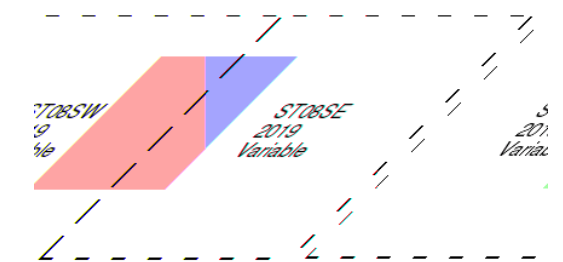
VectorMap Local

Published 2019

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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Appendix V

Appendix VI Basis for Contaminated Land Qualitative Risk Assessment

The following Contaminated Land Risk Assessment methodology is based on CIRIA C552 (2001) *Contaminated Land Risk Assessment – A Guide to Good Practice*, in order to quantify potential risk via **risk estimation** and **risk evaluation**, which can be adopted at the Phase I (Desk Study) stage. This will then determine an overall risk category which can be used to identify potential investigation or remedial actions. This methodology uses qualitative descriptors and therefore is a qualitative approach based on desk information. The risk assessment should be refined following receipt of ground investigation data.

The methodology requires the classification of:

- the magnitude of the **consequence** (severity) of a risk occurring, and
- the magnitude of the **probability** (likelihood) of a risk occurring.

The potential consequences of contamination risks occurring at this Site are classified in accordance with Table VI-1 below, which is adapted from the CIRIA guidance.

Table VI-1: Classification of Consequence

Classification	Definition of Consequence
Severe	Short-term (acute) risks to human health likely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem, or organism forming part of such an ecosystem.
Medium	Chronic damage to Human Health (significant harm as defined in DEFRA, 2012). Pollution of sensitive water resources. A significant change in a particular ecosystem, or organism forming part of such an ecosystem.
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the DEFRA, 2012). Damage to sensitive buildings/structures/services or the environment.
Minor	Harm, though not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.). Easily repairable effects of damage to buildings, structures and services.

Source: CIRIA C552

The probability of contamination risks occurring at this Site will be classified in accordance with Table VI-2 below from the CIRIA guidance. Note that for each category, it is assumed that a pollution linkage exists. Where a pollution linkage does not exist, the likelihood is zero, as is the risk.

Table VI-2: Classification of Probability

Classification	Definition of Probability
High Likelihood	There is a pollutant linkage and an event that appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low Likelihood	There is a pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such an event would take place, and is less likely in the shorter term.
Unlikely	There is a pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

For each possible pollution linkage (source-pathway-receptor) identified, the potential risk can be evaluated based upon the following probability x consequence matrix shown in Table VI-3.



Table VI-3: Overall Contamination Risk Matrix

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Moderate/Low risk
	Likely	High risk	Moderate risk	Moderate/Low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/Low risk	Low risk	Very low risk	Very low risk

Based upon this, CIRIA C552 present definitions of the risk categories, together with the investigatory and remedial actions that are likely to be necessary in each case, as in Table VI-4. These risk categories apply to each pollutant linkage, not simply to each hazard or receptor.

Table VI-4: Definition of Risk Categories and Likely Actions Required

Risk Category	Definition and likely actions required
Very high	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, if [it] is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised would at worst be relatively mild.
Very Low	There is a low possibility that harm could rise to a receptor. In the event of such harm being realised it is not likely to be severe.

Appendix VI





The Coal
Authority

Consultants

Coal Mining Report

Penygawsi Primary School
Road From Burgess Crescent
Llantrisant
Rhondda Cynon Taff
CF72 8PZ

Date of enquiry: 22 August 2019
Date enquiry received: 22 August 2019
Issue date: 22 August 2019

Our reference: 51002166720002
Your reference: C3104

Consultants

Coal Mining Report

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

Client name

HSP CONSULTING

Enquiry address

Penygawsi Primary School
Road From Burgess Crescent
Llantrisant
Rhondda Cynon Taff
CF72 8PZ

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	304182-005	304635 182812	This shaft was filled with colliery refuse and capped with a 4m square concrete cap at some time in the past.	Coal	

Abandoned mine plan catalogue numbers

None available.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
HAFOD	Coal	Yes	Within	N/A	108
LOWER PENTRE	Coal	Yes	23.5	South	112
NO.2 RHONDDA	Coal	Yes	Within	N/A	101
NO.3 RHONDDA	Coal	Yes	Within	N/A	112

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

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

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Section 5 – Data definitions

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

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

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

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

Withdrawal of support notices

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

Payment to owners of former copyhold land

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

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VAT receipt

Issued by	The Coal Authority 200 Lichfield Lane Mansfield Nottinghamshire NG18 4RG
Tax point date	22 August 2019
Issued to	HSP CONSULTING LAWRENCE HOUSE 4 MEADOWBANK WAY EASTWOOD NOTTINGHAMSHIRE NG16 3SB
Property search for	PENYGAWSI PRIMARY SCHOOL ROAD FROM BURGESS CRESCENT LLANTRISANT RHONDDA CYNON TAFF CF72 8PZ
Reference number	51002166720002
Date of issue	22 August 2019
Cost	£112.13
VAT @ 20%	£22.43
Total received	£134.56
VAT registration	598 5850 68



The Coal
Authority

CON29M

coal mining report

PENYGAWSI PRIMARY SCHOOL, ROAD FROM BURGESS CRESCENT,
LLANTRISANT, RHONDDA CYNON TAFF, CF72 8PZ



Known or potential coal mining risks

Past underground coal mining	Page 4
Future underground coal mining	Page 4
Mine entries	Page 5



Further action

These additional reports can give further detail on the risks identified:

- Mine entry interpretive report
- Mine entry plan and data sheets

For more information please see our **Further action reports** on page 9



Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. In view of the coal mining circumstances we would recommend that any planned or future development should follow detailed technical advice before beginning work on site. Please see **page 3** for further details on **Future development**.

Your reference: **C3104**
Our reference: **51002166720001**
Date: **22 August 2019**

Client name:
HSP CONSULTING

If you require any further assistance please
contact our experts on:
0345 762 6848
groundstability@coal.gov.uk



The Law
Society

Enquiry boundary

Key

Approximate position of enquiry boundary shown



Disused mineshaft



We can confirm that the location is
on the coalfield

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Accessibility

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Your reference: **C3104**
Our reference: **51002166720001**
Date: **22 August 2019**

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Professional opinion



Mine entries

The enquiry boundary shows the approximate location of the disused mine entry/entries referred to in this report. Property owners have the benefit of statutory protection (under the Coal Mining Subsidence Act 1991). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage caused by disused coal mine workings including disused coal mine entries. A leaflet setting out the rights and obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by visiting www.coal.gov.uk. Please note this Act is not valid where coal was worked or extracted by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you wish to discuss the relevance of any of the information contained in this report, you should seek the advice of a qualified mining engineer or surveyor. If you or your advisor wishes to examine the source plans from which the information has been taken, these are available to view, at our Coal Authority head office in Mansfield. To book an appointment please call **01623 637 225**. Should you or your advisor wish to carry out a physical investigation that may enter, disturb or interfere with any disused mine entry, prior permission must be sought from the owner. For coal mine entries, the owner will normally be the Coal Authority.

The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency, 24 hour call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries). To report an emergency you can call **01623 646 333**.



Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed.

If you are looking to develop, or undertake works, within a coal mining development high risk area your Local Authority planning department may require a Coal Mining Risk Assessment to be undertaken by a qualified mining geologist or engineer. Should you require any additional information then please contact the Coal Authority on **0345 762 6848** or email cmra@coal.gov.uk.

Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

1 Past underground coal mining

The property is not within a surface area that could be affected by any past recorded underground coal mining.

However the property is in an area where the Coal Authority believes there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered, particularly prior to any site works or future development activity, as ground movement could still be a risk. Your attention is drawn to the Professional opinion sections of the report.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

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

4 Mine entries

Within, or within 20 metres of, the boundary of the property there is 1 mine entry, the approximate position of which is shown on the enquiry boundary plot. For reasons of clarity, mine entry symbols may not be drawn to the same scale as the plan.

Our records disclose the following information:

304182-005. This shaft was filled with colliery refuse and capped with a 4m square concrete cap at some time in the past.

For an additional fee, the Coal Authority can provide a Mine Entry Interpretive Report. The report will provide a separate assessment for the mine entry/entries referred to in this report. It gives an opinion on the likelihood of mining subsidence damage caused from ground movement as a consequence of the mine entry/entries. It also gives details of the remedies available for subsidence damage where the mine entry was sunk in connection with coal mining.

Please note that it may not be possible to produce a report if the main building to the property cannot be identified from Coal Authority plans (ie for development sites and new build).

For further advice on how to order this additional information please visit www.groundstability.com.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

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

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

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

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

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

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

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

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

Statutory cover



Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.

www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form



Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **01623 646 333**. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary



Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings



Further action reports

Mine entry interpretive report - assesses the risk of ground movement from mine entries in, or within 20 metres of, the property boundary. To order this report, use the same boundary as the CON29M report, then draw the building on the additional map screen.

For more information and to order this report please visit:

<https://www2.groundstability.com/interpretive-report>




Mine entry plan and data sheets - give additional information on mine entries recorded on a piece of land. To order this report use the same boundary as the CON29M report and a member of our team will contact you to confirm the mine entries to include in this bespoke report.

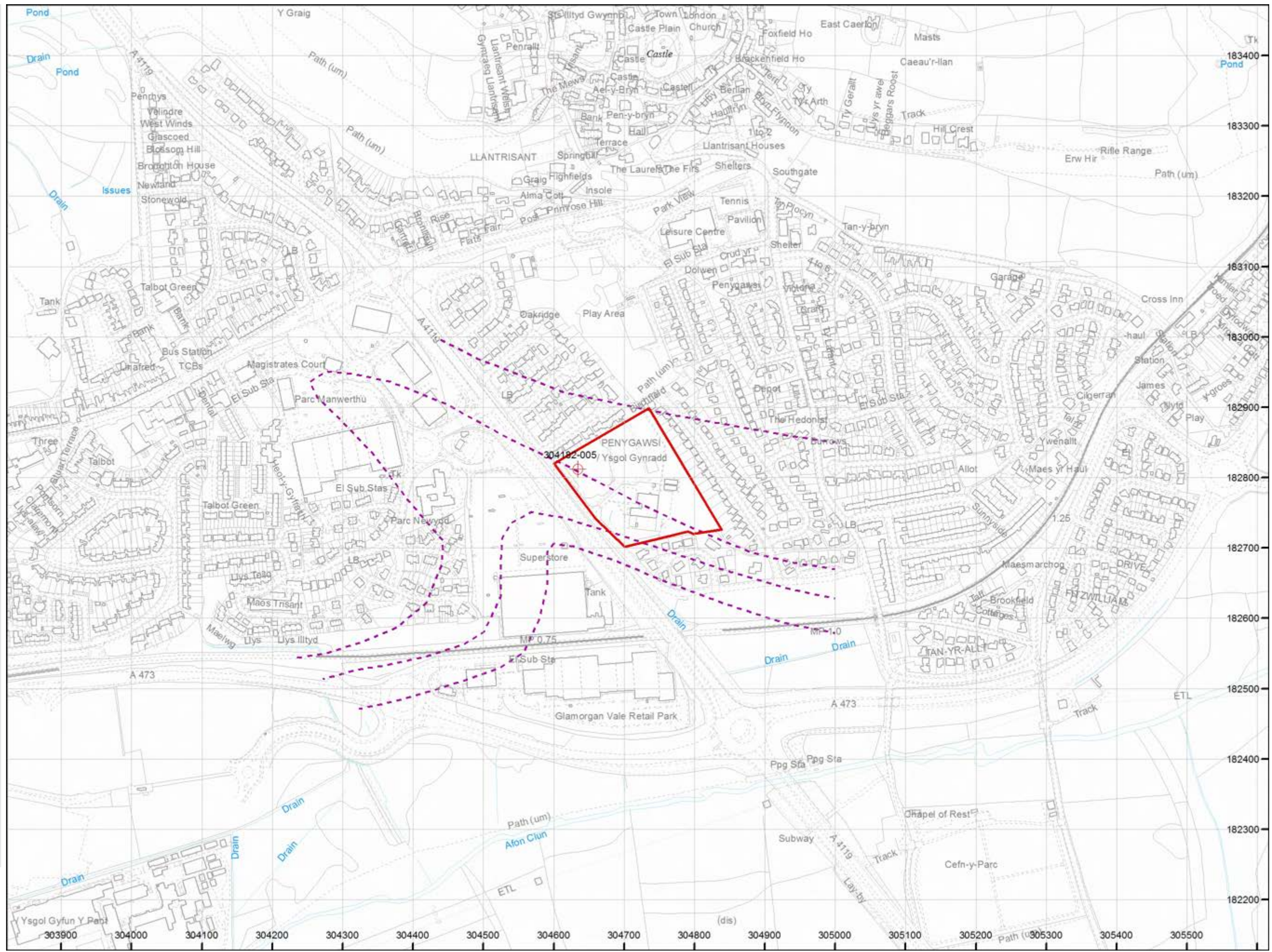
For more information and to order this report please visit:

<https://www2.groundstability.com/plan-and-data-sheets>

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown 
- Disused mine shaft 
- Outcrop (Conjectured) 



How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com

Appendix VII



F.A.O. Laura Jones
HSP Consulting
Lawrence House
6 Meadowbank Way
Eastwood
Nottingham
NG16 3SB

Our Ref: ALO/436254

Your Ref:

Date: 30th August 2019

Dear Madam,

RE: ENVIRONMENTAL INFORMATION REQUEST – PENGWASI PRIMARY SCHOOL- CHARTIST ROAD, LLANTRISANT, PONTYCLUN, CF72 8PZ

Thank you for your enquiry in relation to land contamination for the above site. Your cheque for £25.00 has now been received (receipt attached) and I am pleased to provide you with the following response, which represents a summary of records held by the Public Health & Protection Department at the Council: -

PLEASE COULD YOU CONFIRM WHETHER THE PROPERTY IS REGISTERED AS CONTAMINATED LAND

The site is not on potentially contaminated land however a number of past land uses were identified within 250m of the site boundary. Please refer to the attached Environmental Information Report.

Under Part IIA of the Environmental Protection Act 1990 (EPA 1990), Rhondda Cynon Taf County Borough Council has a statutory duty to inspect all land in its area in order to identify that meeting the statutory definition of “contaminated land”. As a result, areas of past land use have been identified which may have led to land contamination. Whilst these past land uses have been identified as part of the inspection process, it is not possible to say at this stage whether they will ultimately lead to the land being determined as “contaminated land” as defined within Part IIA of EPA90, following inspection.

It is not possible to say accurately at this stage when detailed inspections will occur, however prioritisation for inspection of these past land uses is being undertaken. Since this work is unfinished and will be subject to further refinement and change we consider that Regulation 12(4)(d) of the Environmental Information Regulations (2004) applies. It is therefore not possible to specify the priority for inspection of the past land uses identified within the attached Environmental Information Report.

For more information in relation to the council's Contaminated Land Inspection Strategy and how prioritisation is to be undertaken, please refer to the published document which is available upon the request.

The supplied data comprises, or was created using, Ordnance Survey data. The information is supplied in accordance with the End User Licence - <http://www.ordnancesurvey.co.uk/business-and-government/public-sector/mapping-agreements/end-user-licence.html>

If you require the following information in Welsh, please contact me so provisions can be made. I hope that the information supplied answers your enquiry, but please do not hesitate to contact Pollution & Public Health on 01443 425001 or EnvironmentalPollution@rctcbc.gov.uk for further clarification or advice.

Yours faithfully

Mrs. Alicja Lloyd
Pollution Control Officer (Environmental Quality)
Pollution & Public Health

Encs. - Environmental Information Report

RHONDDA CYNON TAF COUNTY BOROUGH COUNCIL

**PENGWASI PRIMARY SCHOOL- CHARTIST ROAD, LLANTRISANT,
PONTYCLUN, CF72 8PZ**

ENVIRONMENTAL INFORMATION REPORT



STRONG HERITAGE | STRONG FUTURE
RHONDDA CYNON TAF
TREFTADAETH GADARN | DYFODOL SICR

1. GIS SEARCH REPORT

DATE: 30 August 2019 TIME: 10:47

Site Centre Coordinates (British National Grid): 304719, 182799

Site Area: 23994.00 sq.metres

Buffer Search Type: Polygon buffer search

Buffer Search Radius: 250.0 metres

Selection Summary: A total of 13 features were selected on 1 out of 4 target layers.

2. Site Location Map



0 metres

90

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3. Layer Name: Past Land Uses

Under Part IIA of the Environmental Protection Act 1990, Rhondda Cynon Taf County Borough Council has a statutory duty to inspect all land in its area in order to identify that meeting the statutory definition of 'contaminated land'. As part of this process, this Department has referred to historical maps and other sources to identify historical land uses, which may have caused pollution of soils and/or water. Whilst these past land uses have been identified as part of the inspection process, it is not possible to say at this stage whether they will ultimately lead to the land being determined as 'contaminated land'.

Whilst efforts have been made to ensure the completeness of this Department's records, it is possible that other past land uses exist within the search area, which have not been identified. All boundaries and locations are approximate.

Number of features selected: 13 within 250m

Map overview of selected features



0 metres

90

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3.1 Record Selection Summary for Past Land Uses

Total of 13 record(s) identified within 250 metres
0 record(s) identified on site.

Maps for record 1 of 13 (Past Land Uses)



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Data for Record 1 of 13

id: 314

Site Name: Works

location: No Data

Additional Information:

XY coordinates of feature centroid: 304661, 183101

Approximate distance from site: 205 metres

Feature Area: 386 sq.metres

Maps for record 2 of 13 (Past Land Uses)



0 metres 200

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Data for Record 2 of 13

id: 1147

Site Name: Electrical Substation

location: No Data

Additional Information:

XY coordinates of feature centroid: 304533, 182911

Approximate distance from site: 111 metres

Feature Area: 15 sq.metres

Maps for record 3 of 13 (Past Land Uses)



0 metres 150

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Data for Record 3 of 13

id: 1151

Site Name: Electrical Substation

location: No Data

Additional Information:

XY coordinates of feature centroid: 304598, 182740

Approximate distance from site: 54 metres

Feature Area: 16 sq.metres

Maps for record 4 of 13 (Past Land Uses)



0 metres 250

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Data for Record 4 of 13

id: 1155

Site Name: Water Treatment Plant

location: No Data

Additional Information:

XY coordinates of feature centroid: 304791, 182612

Approximate distance from site: 84 metres

Feature Area: 1140 sq.metres

Maps for record 5 of 13 (Past Land Uses)



0 metres 250

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Data for Record 5 of 13

id: 1157

Site Name: Tanks

location: No Data

Additional Information:

XY coordinates of feature centroid: 304822, 182617

Approximate distance from site: 90 metres

Feature Area: 639 sq.metres

Maps for record 6 of 13 (Past Land Uses)



0 metres 200

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Data for Record 6 of 13

id: 1159

Site Name: Old Gasworks

location: No Data

Additional Information:

XY coordinates of feature centroid: 304902, 182900

Approximate distance from site: 129 metres

Feature Area: 1454 sq.metres

Maps for record 7 of 13 (Past Land Uses)



0 metres
250

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Data for Record 7 of 13

id: 1162

Site Name: Infilled Pond

location: Parc Newydd Home For The Elderly

Additional Information:

XY coordinates of feature centroid: 304454, 182788

Approximate distance from site: 144 metres

Feature Area: 221 sq.metres

Maps for record 8 of 13 (Past Land Uses)



0 metres
250

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Data for Record 8 of 13

id: 1163

Site Name: Made Ground

location: No Data

Additional Information:

XY coordinates of feature centroid: 304593, 182597

Approximate distance from site: 101 metres

Feature Area: 5038 sq.metres

Maps for record 9 of 13 (Past Land Uses)



0 metres 350

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Data for Record 9 of 13

id: 1717

Site Name: Factory

location: Victoria House

Additional Information:

XY coordinates of feature centroid: 304950, 183057

Approximate distance from site: 247 metres

Feature Area: 919 sq.metres

Maps for record 10 of 13 (Past Land Uses)



0 metres
250

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Data for Record 10 of 13

id: 1152

Site Name: Sewage Works

location: No Data

Additional Information:

XY coordinates of feature centroid: 304652, 182647

Approximate distance from site: 53 metres

Feature Area: 5043 sq.metres

Maps for record 11 of 13 (Past Land Uses)



0 metres 350

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Data for Record 11 of 13

id: 1172_4

Site Name: Electrical Substation

location: No Data

Additional Information:

XY coordinates of feature centroid: 304383, 182717

Approximate distance from site: 241 metres

Feature Area: 11 sq.metres

Maps for record 12 of 13 (Past Land Uses)



0 metres 250

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Data for Record 12 of 13

id: 3604

Site Name: Former Filling Station

location: No Data

Additional Information:

XY coordinates of feature centroid: 304342, 182904

Approximate distance from site: 243 metres

Feature Area: 1591 sq.metres

Maps for record 13 of 13 (Past Land Uses)



0 metres 250

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Data for Record 13 of 13

id: 3605

Site Name: Petrol Filling Station

location: No Data

Additional Information:

XY coordinates of feature centroid: 304491, 182843

Approximate distance from site: 77 metres

Feature Area: 2640 sq.metres

4. Layer Name: Landfills

A number of closed and active/operational landfill sites exist within Rhondda Cynon Taf County Borough Council. The latter are generally subject to control by Natural Resources Wales through Waste Management Licensing. Whilst some of the closed landfills may have also benefited from this regime it should be appreciated that others pre-date the legislation and were therefore less subject to control. Landfills that do not have a current Waste Management License are subject to the Council's Contaminated Land Inspection Strategy as required under Part IIA of the Environmental Protection Act 1990.

Landfill sites have been used to dispose of a variety of wastes. Some may have only contained inert wastes such as builder's rubble, others may have contained domestic

refuse (black bag waste or ash) or industrial waste. The risks arising from landfill sites are usually associated with (but not restricted to) their production of gases, especially methane which is potentially explosive if allowed to build up to significant levels.

Whilst we usually have records relating to the locations of former landfill sites, detailed information relating to the precise tipping activities are generally limited or not available. Where information is available for the site concerned then this is made known in the 'Data' section of the report.

No records were selected on this layer.

5. Layer Name: Contaminated Land

Not all land with a past land use will meet the statutory definition of 'contaminated land' (Part IIA of the Environmental Protection Act 1990). Land can only be this if there is a 'significant pollutant linkage' present. There must be evidence of a 'contaminant - pathway - receptor' relationship, meaning that there must be a contaminant present, a receptor that could be harmed by the contaminant, for example humans, with a pathway linking the two. An example of a pollutant linkage would be Arsenic in the soil, which can be consumed through inhalation of dust by someone living on the site. Once a site is determined as 'contaminated land' then a process begins to ensure that the risks are removed by breaking the pollution linkage at any point.

No records were selected on this layer.

6. Layer Name: Special Sites

Certain types of 'contaminated land' sites are known as 'special sites'. The Contaminated Land (Wales) Regulations set out the circumstances for special site designation. These are often sites that Natural Resources Wales are already regulating through other regimes or where NRW is best placed to deal with the issues on site, for example where important groundwater is being affected. If a local authority decides that a site is 'contaminated land', both it and NRW will consider whether it meets one of the descriptions for 'special sites' in the regulations. If it does, the site may be designated as a 'special site' and NRW will take over its regulation and work towards reducing the risks associated with the site.

No records were selected on this layer.

End of detailed report

Appendix VIII

Client: Gleeds Management Services
Ltd

Date: 02/08/2019

Project: C3104

Site: Pengawsi Primary School



Photo No: 01

Comments: Main school building
located in the centre south of the site.



Client: Gleeds Management Services Ltd

Date: 02/08/2019

Project: C3104

Site: Pengawsi Primary School



Photo No: 02

Comments: Playground located to the south of the main school building



Client: Gleeds Management Services Ltd

Date: 02/08/2019

Project: C3104

Site: Pengawsi Primary School



Photo No: 03

Comments: Access off Chartist Road to the west of the site.



Client: Gleeds Management Services Ltd

Date: 02/08/2019

Project: C3104

Site: Pengawsi Primary School



Photo No: 04

Comments: Playing fields to the north of the site with terrace to the north east.



