



Geotechnical and Geoenvironmental Desk Study and CMRA

Site: Clydach Vale Pavilions

Prepared For: Rhondda Cynon Taff County Borough
Council

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Executive Summary

Site Location	<p>Rhondda Cynon Taff County Borough Council (the Client) has requested that a Coal Mining Risk Assessment and Desk Study be undertaken for the RCT Borough Council offices in Clydach Vale.</p> <p>The development site is rectangular in shape and locates off Cambrian Park, Clydach Vale. The site centres on an approximate National Grid Reference of 298080, 192750, occupying a plan area of approximately 1.61 Hectares.</p> <p>The site is currently occupied by Rhondda Cynon Taff County Borough Council offices including associated car parking spaces.</p> <p>The site elevation is approximately 200.0m AOD and gradually slopes to the northeast.</p>
Site History	<p>Since the earliest map edition available, the site had been semi-occupied by residential houses (Bush Cottages). Several tramways have also been on site, connecting up local collieries to more significant railways. Much of the surrounding area had remained as unoccupied land until 1900, with residential development taking place north of the Nant Clydach. Several collieries have been situated within the immediate surrounding area of the site, including the Cwm Clydach Colliery (10-20m northeast) and the Blaen Clydach colliery (250m south).</p>
Geology	<p>The 1:50,000 scale British Geological Maps of the area (248) was consulted for geology underlying the site. The site is shown to be underlain by the Llynfi Member of Carboniferous Age.</p> <p>Strata in the local area have a dip of 5° north.</p> <p>The nearest coal seam outcrop to the site is the No.2 Rhondda, situated 260m southwest from the site. Whilst the strata dip north in the local area, this coal seam is unlikely to underlie the site, as the site is situated topographically lower than the outcrop of the coal seam. Figure 2.3 shows a cross section through the local area to demonstrate the effect of local topography of the geology. Using the stratigraphical column on Sheet Glamorgan 27SW, it can be seen that the next few coal seams below the site are thin, with the next named coal seam being the No.3 Rhondda.</p>
Coal Mining Risk Assessment	<p>The Coal Authority Report states that the property is within a surface area that is affected by past underground mining. The report records 13 coal seams to have been worked either directly below or within influencing distance of the site, at a range of depths between 111.0 – 491.0 mbgl.</p> <p>The above working are of such an age and depth that they will not affect the surface stability of the site.</p> <p>The report records the site is not situated above possible unrecorded shallow workings.</p> <p>No spine roadways are recorded at shallow depth.</p> <p>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 at the site.</p> <p>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.</p> <p>The Coal Authority has no record of a mine gas emission requiring action.</p> <p>There are a number of shafts and adits in close proximity to the site with one recorded along the sites eastern boundary heading into the site. This and the adits shown to the south of the site are likely to located at shallow depth beneath the site. There is therefore considered to be a risk to the surface stability of the site from these adits.</p> <p>In addition due to the number of mine entries around and within the site there is also considered to be a risk of mine gas beneath the site.</p>
Recommended Site Investigation	<p>An intrusive site investigation carried out in two phases designed and justified in accordance with guidance provided in BS10175:2011+A2:2017 should be undertaken to achieve the following objectives:</p> <ul style="list-style-type: none"> • Identify the potential environmental liabilities at the site associated with any soil, gas, vapour sand groundwater contamination from past site uses, to substantiate and enhance the conceptual site model, for a residential scenario with enclosed spaces. • Provide a suitable foundation and floor slab solution • Provide recommendations regarding any relevant geotechnical aspects pertaining to the development. • Provide recommendations with regards to potential shallow mining and mine gas. <p>The first phase should comprise:</p> <ul style="list-style-type: none"> • Trial pitting to investigate the shallow ground conditions, carry out soakaway testing and take samples for contamination and soil property testing. • Windowless sampling to investigate the shallow ground conditions, take samples for contamination and soil property testing and to install gas monitoring wells. These wells can also serve as groundwater monitoring points.

- *Chemical and geotechnical samples should be taken to confirm the characteristics of the ground/groundwater beneath the site to help inform on the foundation design and the need if any for site remediation.*

The second phase should comprise:

- *A limited number of rotary boreholes to confirm that there is a low risk of shallow mining beneath the site.*
- *An assessment of the potential risk from mine gas beneath the site. This will entail the installation of gas and groundwater monitoring boreholes.*

Should competent ground not be encountered by the first phase then the second phase should be expanded to include:

- *Dynamic sampling, standard penetration tests, and coring of the rock to collect samples for geotechnical testing to provide information on the deeper strata to allow a piling solution to be developed.*

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SECTION 1 Introduction

1.1 Introduction

Rhondda Cynon Taff County Borough Council (the Client) has requested that a Coal Mining Risk Assessment and Desk Study be undertaken for the RCT Borough Council offices in Clydach Vale.

TFW Group Limited have been commissioned by the Client to undertake a phase 1 desk study and coal mining risk assessment (CMRA) for the site.

The main objectives of the assessment programme are to:

- Provide information on past and current uses of the site and surrounding area.
- Provide information on the nature of any hazards and physical constraints, for example buried structures/obstructions.
- Provide information on the likely ground conditions beneath the site, including soil types, groundwater and if made ground is likely to be present.
- Investigate the risk, if any, from historical shallow underground mining features.
- Identify the likely potential environmental liabilities at the site associated with any soil and groundwater contamination from past site uses.
- Identify if gas emissions either from the site or surrounding areas is likely to be present.
- Produce an initial site conceptual model of the site, to detail the nature and extent of potential contamination, its source, potential pathways and likely receptors (pollutant linkage).
- Prepare a human health and environmental risk assessment for the site.
- Provide data to assist in the design of an intrusive site investigation and give early indications of possible remediation requirements.
- Provide tentative engineering foundation and floor slab recommendations for the proposed development.

In order to achieve the above objectives, TFW Group Limited carried out an assessment programme including a review of existing data.

1.2 Limitations and Exceptions of Investigation

The Client has requested that a Phase 1 Desk Study (DS) and CMRA be undertaken to enable the outlined main objectives.

The DS and CMRA was conducted, and this report has been prepared for the sole internal reliance of the Client and their design and construction team. This report shall not be relied upon or transferred to any other parties without the express written authorisation of TFW Group Limited. If an unauthorised third party comes into possession of this report, they rely on it at their peril and the authors owe them no duty of care and skill. The report represents the findings and opinions of experience geoenvironmental and geotechnical consultants. TFW Group Limited does not provide legal advice and the advice of lawyers may be required.

1.3 Quality Assurance

The quality and environmental aspects of the assessment comply with Terra Firma Wales Ltd business management system which is UKAS Accredited to ISO 9001:2015 and ISO 14001:2015 standards.

SECTION 2 Review of Existing Data

2.1 Physical Setting and Current Site Use

The development site is rectangular in shape and locates off Cambrian Park, Clydach Vale. The site centres on an approximate National Grid Reference of 298080, 192750, occupying a plan area of approximately 1.61 Hectares.

The site is currently occupied by Rhondda Cynon Taff County Borough Council offices including associated car parking spaces.

The site elevation is approximately 200.0m AOD and gradually slopes to the northeast.

The site location can be seen in **Figure 2.1**.



Figure 2.1 Site Location (Envirocheck, 2023)

2.2 Site History

Historical maps of the site have been obtained in an Envirocheck Report, provided by Landmark Information Group. The history plans are supplied in **Annex A** of this report, and the most relevant editions are summarised in **Table 2.1**. Distances, where quoted are approximate, and any changes in-between map editions may not be recorded.

Table 2.1 Historical Development from Map Information

Map Edition & Scale	Key Features on Site	Key Features off Site
1876 1:2,500	The earliest map edition available shows the site to be occupied by residential housing (Cwm-Clydach Cottages) as well as various railways associated with the Cwm-Clydach Colliery. This railway connects the Cwm Clydach Colliery with several coal levels situated 130m southwest from the site.	Much of the area to the south of the site is comprised of open land and woodland. North of the site is mainly comprised of the Cwm-Clydach Colliery with various buildings and railways. The Nant Clydach is situated 40-50m north of the site. Various coal levels are also situated north of the Nant Clydach.
1885 1:10,560	No significant changes have been made to the site since 1876. Cwm-Clydach Cottages are now called Bush Houses.	No significant changes have been made within the immediate surrounding area since 1876.
1900 1:2,500	The railway/tramway on site now looks dismantled.	
1900-01 1:10,560	No significant changes have been made to the site since 1900.	Much of the land to the north of the Nant Clydach has now undergone significant residential development. The Cwm Clydach colliery is now labelled as disused.
1919 1:2,500	A mound can be seen on the western area of the site. A tramway has been developed on the eastern edge of the site connecting Cwm Clydach colliery with the former Blaen Clydach colliery railway system.	No significant changes have been made within the immediate surrounding area since 1901.
1921 1:10,560	No significant changes have been made to the site since 1919.	
1938-47 1:10,560		
1949 1:10,560 <i>Aerial</i>		
1952-53 1:10,560		The Blaen Clydach colliery is now labelled as disused.
1961 1:2,500	Further detail now shows a road network leading to the houses on site. A 'ruin' is situated on the eastern part of the site. A methodist Chapel is now located in the south eastern corner of the site.	Much of the surrounding area comprises varying levels of mounded materials, likely from past coal mining spoil.
1962 1:2,500	No significant changes have been made to the site since 1961.	No significant changes have been made within the immediate surrounding area since 1961.
1965 1:10,000		
1987-89 1:2,500		
1992 1:10,000	Residential housing on site has now been removed, along with associated roadways. A stream (issue) is now situated along the middle of the site, trending NW-SE.	Much of the immediate surrounding area now comprises open land, with no major structures from the former coal mines present. The Nant Clydach has been 'dammed' to form a shallow lake with the overflow entering a culvert to the east.

1993 1:2,500	The Rhondda Cynon Taff County Borough Council offices have now been established on site. The watercourse running through the site has now shifted to the southern boundary, as opposed to the centre of the site. An electricity substation is situated within the northeastern corner of the site.	The Cambrian Industrial Park has also been established adjacent to the east of the site.
1996 1:2,500	Car parking areas associated with the council offices have now been established.	No significant changes have been made within the immediate surrounding area since 1993.
1999 1:10,000	No significant changes have been made to the site since 1996.	
2000 1:2,500 <i>Aerial</i>		
2006 1:10,000		
2023 1:10,000		

2.3 Geological Setting

2.3.1 Geology

The 1:50,000 scale British Geological Maps of the area (248) were consulted for geology underlying the site. The site is shown to be underlain by the Llynfi Member. Detailed stratigraphical information is provided in **Table 2.2**.

Table 2.2 Detailed Stratigraphical Information

Period	Group	Formation
Modern	/	MADE GROUND associated with buildings that have been on site.
Holocene	/	Devensian diamicton till comprising varying layers of sandy gravelly cobbly CLAY and/or clayey cobbly SAND and GRAVEL
Carboniferous	Pennant Sandstone Formation	Lynfi Member: Green-grey and blue-grey, feldspathic, micaceous lithic arenites ('Pennant sandstones') with thin mudstone/siltstone and seatearth interbeds and mainly thin coals.

Strata in the local area have a dip of 5° north.

Figure 2.2 on the following page shows a section of the geology map.

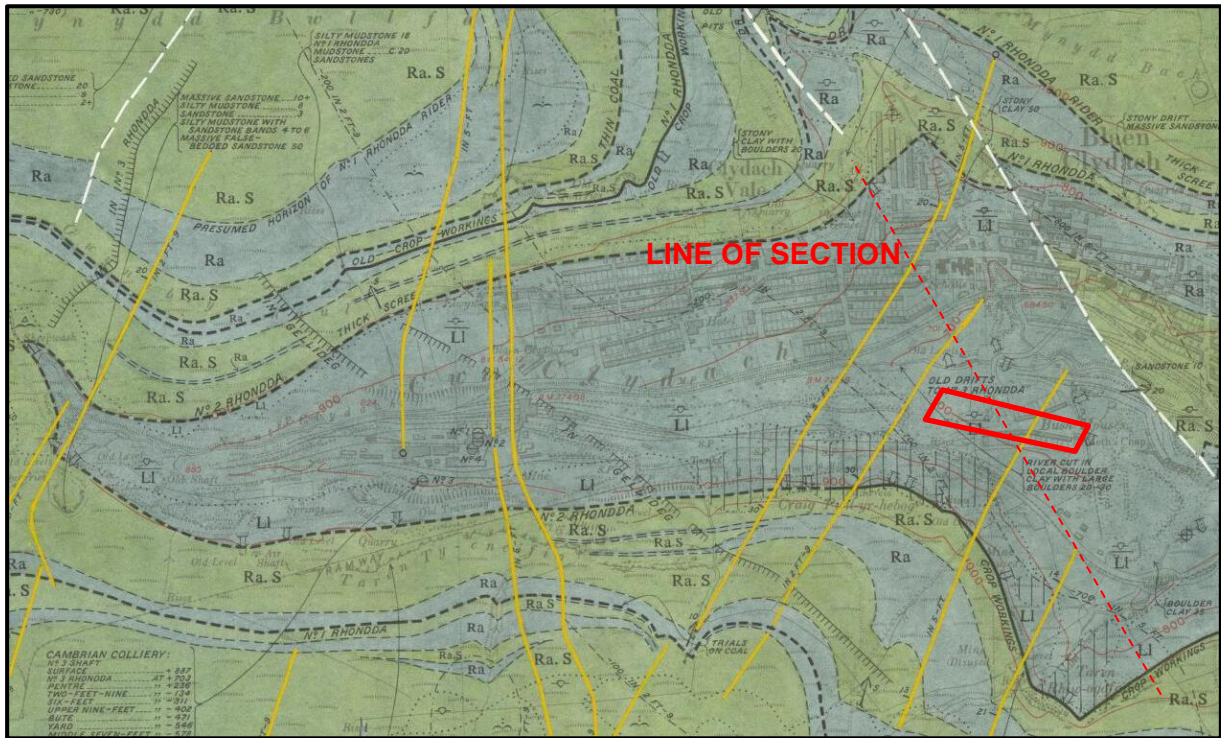


Figure 2.2 1:10,560 County 6 inch map (Contains BGS Materials[2023])

The nearest coal seam outcrop to the site is the No.2 Rhondda, situated 260m southwest from the site. Whilst the strata dip north in the local area, this coal seam is unlikely to underlie the site as the site is situated topographically lower than the outcrop of the coal seam. **Figure 2.3** on the following page shows a cross section through the local area to demonstrate the effect of local topography of the geology. Using the stratigraphical column on Sheet Glamorgan 27SW, it can be seen that the next few coal seam below the site are thin, with the next named coal seam being the No.3 Rhondda.

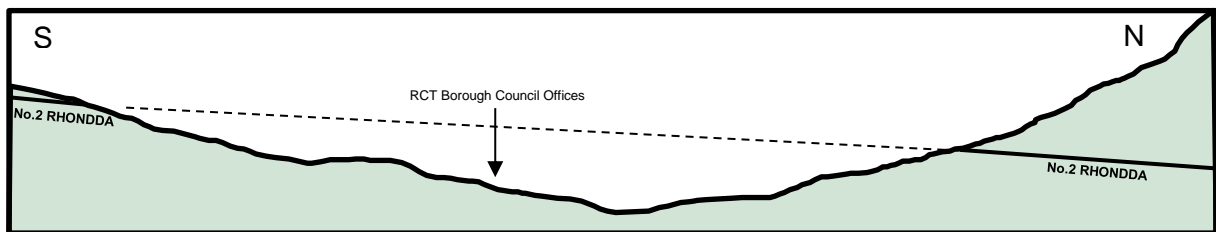


Figure 2.3 Cross sectional geology of local area

The geology map shows a large landslide to be located in the hillside above and to the south of the site. The South Wales Landslip Survey published by the Institute of Geological Sciences Report No EG80/E records this landslide to be Active, Complex, shallow translational debris slide with slumped sandstone at head, grading to debris flow downslope. Failure has occurred in superficial deposits and Llynfi mudstones below the No.2 Rhondda coal seam, and the overlying Rhondda sandstone. Lower parts of slip over-ride and incorporate boulder clay. Many old levels occur along the No.2 Rhondda seam at the slip head. A clinker and piped drain traverses the slip along an old track immediately downslope of the No.2 Rhondda coal. Seepage below this drain has resulted in active shallow failures in the slip debris and consequent cracking of the ceramic drain pipes, leading to further water flow into slip material. Active shallow failure of the slip debris also occurred in 1976 above the disused railway line at the eastern toe area. Active springs at the No.2 Rhondda seam and near the upper limit of the boulder clay have resulted in movements that drainage installations have so far failed to stabilize.

2.3.2 BGS Borehole Information

There are no BGS borehole records within 250m of the site.

2.3.3 Radon

The Envirocheck Report (**Annex A**) details that no radon protective measures are required for new developments on the investigation site.

2.3.4 Mining

The site situates within the South Wales Coal Fields.

A Coal Mining Consultants Report was obtained for the site. A total of 13 seams have been worked wither beneath or within influencing distance of the site. The shallowest of these worked seams is the Abergorki coal seam mined directly beneath the site at a depth of 111m in 1908.

Workings beneath the site range from the Abergorki coal seam at 111m to the No 3 Rhondda* coal seam (probably the Five Foot Gellideg) at 491m and worked in 1890.

*There is one erroneous entry in the past underground working section of the Coal Authority Report – No3 Rhondda Coal seam at 491m depth and mined in 1880. The No 3 Rhondda coal seam locates in the Middle Coal Measures. The depth of workings would put it below the Five Foot Gellideg coal seam which is close to the base of the Lower Coal Measures. It is more likely that the seam would be the Garw coal seam which is the last workable coal seam in the Lower Coal Measures sequence. Alternatively, the seam could be the No 3 Rhondda with, given the age of the workings the depth given has been miscalculated.

The report records the site is not situated above possible unrecorded shallow workings.

No spine roadways are recorded at shallow depth.

The report records 11 mine entries within 250m of the site. These are summarised in **Table 2.3**.

Table 2.3 Mine Entries Summary

Entry Type	Grid Reference	Treatment description	Conveyancing details
Shaft	297841 192811	N/A	Rhondda Borough Council
Adit	297932 192869	N/A	Rhondda Borough Council
Adit	297970 192874	N/A	N/A
Adit	298185 192787	N/A	Rhondda Borough Council
Adit	298196 192723	This entry was sealed, and material back filled against the seal in February 1972. there are no details of the material used.	Rhondda Borough Council
Adit	298018 192855	N/A	Rhondda Borough Council
Adit	298048 192830	This adit was sealed with a steel grille in February 1971.	Rhondda Borough Council
Adit	298016 192848	N/A	Rhondda Borough Council
Adit	298216 192782	This shaft has been filled with dry shale at some time in the past	Rhondda Borough Council
Adit	298194 192618	N/A	N/A
Adit	298001 192877	N/A	N/A

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 at the site.

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994. There is no current Stop Notice delaying the start of remedial works or repairs to the property. The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

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

The Coal Authority Consultants Coal Mining Report is appended in **(Annex C)**.

Table 2.4 BGS Recorded Mineral Sites

Site Name	Distance / Direction	Type	Commodity
Brookvale Colliery	64m, northwest	Underground	Coal – Deep
Pwll-Yr-Hebog	178m, southwest	Underground	Coal – Deep
Blaen Clydach Colliery	208m, southwest	Underground	Coal – Deep
Blaen Clydach Colliery	227m, southeast	Underground	Coal – Deep

2.3.5 Natural Hazards

The Envirocheck details the following hazard potentials for the site.

Ground Dissolution:	No Hazard
Collapsible Ground:	Very Low
Compressible Ground:	No Hazard
Landslide:	Very Low to Moderate
Running Sand:	Very Low
Shrinking and Swelling Clays:	Very Low

2.4 Environmental Setting

The following sections have been compiled using the Landmark Information Group Envirocheck datasheet and maps which can be found in **Annex A**.

2.4.1 Hydrogeology

The superficial deposits beneath the site have an aquifer designation of secondary aquifer - Undifferentiated.

The bedrock deposits beneath the site have an aquifer designation of secondary aquifer - A.

Deeper groundwater flow within the underlying bedrock will be controlled by the strata dip and any fractures or bedding planes within the rock units.

The hydraulic gradient will be at its steepest during periods of heavy rainfall and aquifer recharge.

The site does not locate within a groundwater source protection zone.

The nearest abstraction point is located 103m east, operated by Rhondda Cynon Taff County Borough Council. This abstraction is taken from surface waters and is used for impounding.

2.4.2 Hydrology

The nearest surface water feature locates off site 0m southwest northwest and comprises the inland brook within the Cynon, Ely and Rhondda catchment.

The topography of the site slopes down towards to the northwest. Surface water is likely to drain in this direction.

2.4.3 Flooding

The site is not at risk from extreme flooding from rivers or sea.

The site is at low to high risk from flooding from surface water.

The Envirocheck report records the site to have potential for groundwater flooding at the surface.

2.4.4 Waste

There are no recorded landfill sites within 250m of the site.

There are no recorded Waste Management Facilities within a 250m radius of the site.

The nearest discharge consent is situated 135m east from the site. This is operated by Dwr Cymru, who are discharging sewage discharges (Storm Overflow) into the Nant Clydach.

2.4.5 Pollution

Five pollution incidents to controlled waters are recorded within 250m of the site. These are summarised in **Table 2.5**.

Table 2.5 Pollution Incidents Summary

Location	Distance/Direction	Incident Severity	Pollutant
Adjacent to Cambrian Industrial Park	24m, northeast	Category 3 – Minor Incident	Light Oil
Clydach Lake	40m, west	Category 3 – Minor Incident	Seage – Treated Effluent
Clydach Vale	57m, northwest	Category 3 – Minor Incident	Miscellaneous – Vehicles
Clydach Vale Lake	104m, east	Category 3 – Minor Incident	Crude Sewage
Clydach Vale	120m, north	Category 3 – Minor Incident	Light Oil

2.4.6 Sensitive Land Use

Five Areas of Ancient Woodland are situated within 250m of the site.

2.4.7 Estimated Urban Soil Chemistry

The BGS have published estimated urban soil chemistry concentrations locally to the site for a number of common contaminants, i.e., arsenic, cadmium, chromium, lead and nickel. All of the given determinants have anticipated concentrations that are below the recognised trigger levels for a commercial scenario.

2.4.8 Industrial Land Use

Relevant contemporary trade directory entries recorded within proximity of the site are summarised in **Table 2.6**.

Table 2.6 Relevant Contemporary Trade Summary

Company	Distance/Direction	Classification	Status
Plastek Industries Ltd	30m, southeast	Plastics – Injection Moulding	Inactive
Kit Electroheat	129m, north	Heating Equipment – Sales and Service	Inactive
Flowtech Precision Mouldings Ltd	132m, southeast	Plastics – Injection Moulding	Active
The Tailor Made Blind Co Ltd	132m, southeast	Blinds, Awnings and Canopies	Inactive
Hackman Printers Ltd	185m, southeast	Printers	Inactive
Clydach Vale Builders Merchants	235m, north	Builders' Merchants	Active

2.4.9 Infilled Land

Potentially infilled land features within 250m of the site are summarised in **Table 2.7**.

Table 2.7 Potentially Infilled Land

Feature	Distance/Direction
Infilled land associated with the Cwm Clydach colliery area.	0m, southwest
	23m, southeast
	27m, west
	147m, southwest
Infilled stream/brook	218m, north
	246m, north

SECTION 3 Coal Mining Risk Assessment

3.1 Geotechnical Risk

3.1.1 Underground Mining

Based upon geological map data and historic borehole records, the stratigraphical sequence within 30m of the ground surface of the site is illustrated in **Figure 3.1**.

Modern	MADE GROUND associated with historic buildings that have been on site	2.0m
Holocene	Devensian diamicton till comprising varying layers of sandy gravelly cobbly CLAY and/or clayey cobbly SAND and GRAVEL	15.0m
Pennant Sandstone Formation	Lynfi Member: Green-grey and blue-grey, feldspathic, micaceous lithic arenites ('Pennant sandstones') with thin mudstone/siltstone and seatearth interbeds and mainly thin coals.	30.0m

Figure 3.1 Geology and Strata Base below Ground Level

The Coal Authority Report states that the property is within a surface area that is affected by past underground mining. The report records 13 coal seam to have been worked either directly below or within influencing distance of the site, at a range of depths between 111.0 – 491.0 mbgl.

The report records the site is not situated above possible unrecorded shallow workings.

No spine roadways are recorded at shallow depth.

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 at the site.

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994. There is no current Stop Notice delaying the start of remedial works or repairs to the property. The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

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

3.1.2 Shafts & Adits

The Coal Authority Report records 11 mine entries within 250m of the site. A number of these adits located to the north of the site are shown to underpass the site. One of these adits is located within the eastern boundary of the site and heading in a north westerly direction. This adit will be at shallow depth beneath the site in this area. The Coal Authority on line interactive maps shows the area around this adit to be a development High Risk Area.

Other Development High Risk Areas are located to the north of the site associated with the other mine entries previously mentioned but will not affect the site.

3.1.3 Conclusion

The recorded mine workings beneath the site are of such an age and depth that they will not affect the surface stability of the site.

However, there are a number of adits that cross the site, with one located within the site. It is considered that there is a potential risk to the development from any future collapse of these adits.

Therefore, the depth and condition of these adits are as yet unknown and should be investigated by rotary drilling to confirm their depth, condition and amount of sound rock head.

In addition to the above due to the number of mine entries in close proximity to the site it is recommended that a comprehensive mine gas survey be undertaken.

SECTION 4 Preliminary Human Health and Environmental Risk Assessment

4.1 General

The preliminary human health and environmental risk assessment is a qualitative evaluation of unacceptable risks to human health or the environment from potential 'contaminated land', based on reviewed information in preceding sections of this report.

For 'contaminated land' to exist as defined in Part 2A of the Environmental Protection Act (EPA) 1990, a Pollutant Linkage needs to be identified. Pollutant linkages are defined by having a valid 'source – pathway – receptor' as established in the preliminary conceptual site model.

For our definitions of pollution linkage and how we define risk please refer to **Annex B** which includes our classifications of consequence and probability, and risk assessment matrix.

4.2 Potential Sources of Contamination

Potential or known sources of contamination associated the sites current and historical land use are summarised in **Table 4.1**.

Table 4.1 Contamination Sources

ID	Source	Contaminant
S1	Made ground soils across the site	Metals, TPH CWG, PAH, Asbestos, Ground gas
S2	Nearby infilled land features	Ground gas
S3	Shallow adit workings	Mine gas

No other significant potential on-site or off-site sources of contamination have been identified during the desk study.

4.3 Potential Pollution Pathways

Potential contaminant pathways associated with a domestic development are as follows.

- P1 – Direct soil and dust ingestion
- P2 – Consumption of home grown produce
- P3 – Dermal contact
- P4 – Inhalation of dust and vapours
- P5 – Vertical migration of leachates (unsaturated zone)
- P6 – Horizontal and vertical migration of contaminants (saturated zone)
- P7 – Artificial contaminant pathway (borehole, pile, excavation etc)
- P8 – Surface run-off
- P9 – Plant uptake
- P10 – Horizontal and vertical migration of ground gasses and vapours
- P11 – Direct contact with construction materials
- P12 – Inhalation of asbestos fibres

4.4 Potential Receptors

There are human and hydrological receptors to any contamination that may be present on site. Potential receptors include.

- R1 – Construction and maintenance workers
- R2 – Future site users (future site users)
- R3 – Passers-by or neighbouring site users
- R4 – Groundwater (aquifer)
- R5 – Surface waters (river/lake)
- R6 – Area of public open space
- R7 – Construction materials (concrete/potable water pipes)

4.5 Preliminary Conceptual Site Model

The preliminary conceptual site model establishes potential pollutant linkages between contaminants (source), pathways and receptors, realised during the preparation of the desk study report. Where a potential pollutant linkage is identified an assessment of risk is subsequently undertaken. The preliminary conceptual site model is tabulated in **Table 4.2**.

Outcomes of the preliminary conceptual site model are used as a basis for the design and implementation of the site investigation, whereby areas of potential contamination can be targeted as well as investigating the wider site.

Findings of the site investigation can in turn be used to develop and refine the conceptual site model.

Table 4.2 Preliminary Conceptual Site Model

Source	Pathway	Receptor	Preliminary Risk Assessment		
			Consequence	Probability	Risk
Human Health					
Contaminated Soils S1	Direct soil and dust ingestion P1	Construction and maintenance workers R1	Medium	Low Likelihood	Low Risk - COSHH assessment and good level of PPE/hygiene by site workers/ staff; dust suppression measures if required. Suitably designed site investigation recommended
	Consumption of home grown produce P2	Passers-by or neighbouring site users R3	Medium	Low Likelihood	Low Risk - Significant contamination is not anticipated, and dust suppression measures would likely prove effective against low levels of contamination. However, additional precautions may be required if ACMs are present within the made ground deposits.
	Dermal contact P3				
	Inhalation of dust and vapours P4	Future site users R2	Medium	Likely	Medium Risk – Contamination could be expected within any potential made ground deposits that could be on site. Suitably designed site investigation recommended.
Radon Gas	Horizontal and vertical migration of ground gasses and vapours P10	Future site users R2	Medium	Unlikely	Negligible Risk - No radon protection measures required
Ground Gas S1 & S2		Future site users R2	Severe	Likely	High Risk – Depending upon the thickness of made ground deposits encountered on-site, ground gas could pose a risk to human health. Furthermore, various areas of infilled land are evident, possibly linked with the nearby collieries. This material could consist of colliery spoil. Suitable ground gas monitoring scheme recommended (Depending upon the findings of a suitable site investigation).
		Construction and maintenance workers R1			
Mine Gas S3			Severe	Low Likelihood	Medium Risk – The desk study CMRA has identified several coal mining features within the immediate surrounding area of the site. Suitably designed site investigation recommended.
Impacted Groundwaters S1	Horizontal and vertical migration of contaminants (saturated zone) P6	Construction and maintenance workers R1	Medium	Likely	Medium Risk – Suitable PPE recommended when working in any potential made ground/contaminated soils during the construction period.
Contaminated Soils S1	Direct Contact P11	Construction materials (water pipes) R7	Mild	Low Likelihood	Low Risk - Chemical analysis of the soils should be undertaken and the appropriate classification of concrete should be specified as per BRE Special Digest 1: Concrete in Aggressive Ground.
		Construction materials (concrete) R7			
Aquatic Environment					
Contaminated Soils S1	Vertical migration of leachates (unsaturated zone) P5	Groundwater (aquifer) R4	Mild	Low Likelihood	Low Risk – Depending on the presence of made ground on site and underlying superficial deposits, contamination could prove to be mobile into deeper
		Surface waters (river/lake) R5			

	Surface run-off P8	Surface waters (river/lake) R5			underlying aquifers if foundations disturb contaminated material. Furthermore, groundwater contamination may be present beneath the site from the nearby petrol filling station. A suitable site investigation should be designed to assess this risk.
	Horizontal and vertical migration of contaminants (saturated zone) P6				

SECTION 5 Anticipated Ground Conditions

5.1 Geology

Based on the available desk study information and previous site investigation, anticipated ground conditions at the site are summarised in **Table 5.1**.

Table 5.1 Anticipated Ground Conditions

Stratum	Depth (m)
MADE GROUND associated with historic buildings that have been on site and subsequent possible demolition materials.	1.0/2.0
Glaciofluvial deposits comprising layers of sandy gravelly CLAY and/or clayey sandy GRAVEL .	15.0
Llynfi Member	>30.0

5.2 Groundwater

Groundwater is anticipated within SAND and GRAVEL deposits that may underlie the site.

SECTION 6 Recommended Site Investigation

6.1 General

An intrusive site investigation carried out in two phases designed and justified in accordance with guidance provided in BS10175:2011+A2:2017 should be undertaken to achieve the following objectives:

- Identify the potential environmental liabilities at the site associated with any soil, gas, vapour and groundwater contamination from past site uses, to substantiate and enhance the conceptual site model, for a residential scenario with enclosed spaces.
- Provide a suitable foundation and floor slab solution
- Provide recommendations regarding any relevant geotechnical aspects pertaining to the development.
- Provide recommendations with regards to potential shallow mining and mine gas.

6.2 Intrusive Investigation

The first phase should comprise:

- Trial pitting to investigate the shallow ground conditions, carry out soakaway testing and take samples for contamination and soil property testing.
- Windowless sampling to investigate the shallow ground conditions, take samples for contamination and soil property testing and to install gas monitoring wells. These wells can also serve as groundwater monitoring points.
- Chemical and geotechnical samples should be taken to confirm the characteristics of the ground/groundwater beneath the site to help inform on the foundation design and the need if any for site remediation.

The second phase should comprise:

- A limited number of rotary boreholes to confirm that there is a low risk of shallow mining beneath the site.
- An assessment of the potential risk from mine gas beneath the site. This will entail the installation of gas and groundwater monitoring boreholes.

Should competent ground not be encountered by the first phase then the second phase should be expanded to include:

- Dynamic sampling, standard penetration tests, and coring of the rock to collect samples for geotechnical testing to provide information on the deeper strata to allow a piling solution to be developed.

**Annex A
Envirocheck Report**

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

313707938_1_1

Customer Reference:

17931 Clydach vale

National Grid Reference:

298080, 192750

Slice:

A

Site Area (Ha):

1.61

Search Buffer (m):

1000

Site Details:

Councillor Offices

Clydach Vale Rhondda Cynon Taf Cbc

Cambrian Court Business Pavilion, Clydach

Tonypandy

CF40 2XX

Client Details:

Ms R Liley

TFW Group Ltd

5 Deryn Court

Wharfdale Road

Pentwyn

Cardiff

CF23 7HB

Report Section	Page Number
Summary	-
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Introduction

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

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Report Version v53.0

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		4	1	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7	Yes			
Pollution Incidents to Controlled Waters	pg 7		5	1	1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 9		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 9		1		
Water Abstractions	pg 9		5		(*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 12	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 12		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 12		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12	2	73	52	136

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 42			1	
Historical Landfill Sites	pg 42			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 42				1
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 42	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 42	1	3	5	11
Potentially Infilled Land (Water)	pg 44		2	2	3
Registered Landfill Sites	pg 44				2
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 46	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 46	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 51		4	6	21
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 56	Yes	n/a	n/a	n/a
Mining Instability	pg 56	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 56	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 56	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 57	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 57	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 58		6	3	4
Fuel Station Entries					
Points of Interest - Commercial Services	pg 59			2	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 59		2	4	13
Points of Interest - Public Infrastructure	pg 61				7
Points of Interest - Recreational and Environmental	pg 61		1	2	7
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 63		5	3	7
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (SW)	0	1	298076 192748
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	0	1	298150 192750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	97	1	298250 192850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	98	1	298300 192750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	133	1	298200 192900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	153	1	297850 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	154	1	297950 192600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	158	1	298350 192700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	175	1	297900 192600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	177	1	298150 192950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	183	1	298200 192950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	185	1	297800 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	190	1	298250 192950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	206	1	298400 192700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	208	1	298300 192950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	227	1	298150 193000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	233	1	298200 193000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	267	1	298100 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	276	1	298150 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	279	1	298400 192500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	282	1	298450 192600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	282	1	298200 193050

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	A13SW (S)	293	1	298050 192400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	296	1	297950 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	298	1	298450 192550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	311	1	298076 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	311	1	297650 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	316	1	298100 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	320	1	298250 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	326	1	298150 193100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	330	1	298500 192600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	339	1	298050 192350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	350	1	298050 193150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	357	1	297600 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	364	1	298550 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	366	1	298100 193150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	377	1	297800 193150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	387	1	297650 193050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	396	1	297950 193200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	396	1	298000 193200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	408	1	297850 193200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	420	1	297550 192950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	422	1	298076 192250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	434	1	298050 192250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	446	1	297950 193250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	449	1	297900 193250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	461	1	298650 192650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	466	1	298100 192200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	471	1	298076 192200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	482	1	298050 192200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	496	1	297950 193300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	496	1	298000 193300
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Railway Terrace Cso, Clydach Vale, Off Railway Terrace, Tonypandy, Rhondda Cynon Taf, Cf40 2da Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0318001 Permit Version: Not Supplied Effective Date: 7th October 2019 Issued Date: 7th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (E)	135	2	298330 192810
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: New Rhondda Cso Tonypandy, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: RHONDDA R - SOURCE TO CONF AFON RHONDDA FACH Reference: An0318001 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 21st March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (E)	135	2	298330 192810
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: New Rhondda Cso Tonypandy, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: RHONDDA R - SOURCE TO CONF AFON RHONDDA FACH Reference: An0318001 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 21st March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m	A13NE (E)	135	2	298330 192810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Clydach - Rear Builders Yard Taff T, Taff Terrace Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0122901 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 28th March 2002 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Nant Cae Dafydd 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>	A13NW (N)	198	2	298020 192990
3	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Clydach Vale (Tank No.5) Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Am0001901 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 10m</p>	A18SE (NE)	401	2	298370 193130
4	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Llwynypia Quarry Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Am0006001 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 10m</p>	A19SW (NE)	535	2	298620 193100
5	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Water Supply Grid Location: Clydach Vale (Tank No.6) Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Am0001902 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>	A18SE (NE)	569	2	298400 193300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Clydach Vale - Davies Street Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0122801 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 28th March 2002 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Nant Clydach 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>	A14NE (E)	778	2	298980 192750
7	<p>Discharge Consents</p> <p>Operator: Site Manager Property Type: Not Supplied Location: Nant Y Gwyddon Landfill Site Gelli, Settlement Lagoons, Nant Y Gwyddon Landfill Site, Gelli, Rhondda Cynon Taff, Cf41 7tl Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0320901 Permit Version: Not Supplied Effective Date: 25th June 2002 Issued Date: 25th June 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: The Cwm Caedafydd Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	822	2	297573 193535
7	<p>Discharge Consents</p> <p>Operator: Site Manager Property Type: Lagoons Location: Nant Y Gwyddon Landfill Site Gelli, Settlement Lagoons, Nant Y Gwyddon Landfill Site, Gelli, Rhondda Cynon Taff, Cf41 7tl Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0320901 Permit Version: 1 Effective Date: 25th June 2002 Issued Date: 25th June 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: The Cwm Caedafydd Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	822	2	297573 193535
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Cso At Clydach Vale Davies Street, Tonypany, Cf40 2rg Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0318101 Permit Version: Not Supplied Effective Date: 11th October 2019 Issued Date: 11th October 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	959	2	299160 192720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Cso At Clydach Vale Davies Street, Cso At Clydach Vale, Clydach Vale, Rhondda Cynon Taff</p> <p>Authority: Natural Resources Wales Catchment Area: RHONDDA R - SOURCE TO CONF AFON RHONDDA FACH Reference: An0318101 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 14th February 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	959	2	299160 192720
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Cso At Clydach Vale Davies Street, Cso At Clydach Vale, Clydach Vale, Rhondda Cynon Taff</p> <p>Authority: Natural Resources Wales Catchment Area: RHONDDA R - SOURCE TO CONF AFON RHONDDA FACH Reference: An0318101 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 14th February 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	959	2	299160 192720
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Cso At Clydach Vale Davies Street, Cso At Clydach Vale, Clydach Vale, Rhondda Cynon Taff</p> <p>Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0318101 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 14th February 2002 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	959	2	299160 192720
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Tonypandy - Rear De Winton Str</p> <p>Authority: Natural Resources Wales Catchment Area: River Taff Reference: AN0123001 Permit Version: 1 Effective Date: 20th October 1989 Issued Date: 20th October 1989 Revocation Date: 5th March 2002 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Nant Clydach Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A15SW (E)	979	2	299180 192730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Cso At Tonypanyd, Rear Of De Winton Street, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: RHONDDA R - SOURCE TO CONF AFON RHONDDA FACH Reference: An0123001 Permit Version: 2 Effective Date: 31st March 2002 Issued Date: 5th March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	981	2	299180 192690
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: A Cso At Tonypanyd, Rear Of De Winton Street, Rhondda Cynon Taff Authority: Natural Resources Wales Catchment Area: RHONDDA R - SOURCE TO CONF AFON RHONDDA FACH Reference: An0123001 Permit Version: 2 Effective Date: 31st March 2002 Issued Date: 5th March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	981	2	299180 192690
8	<p>Discharge Consents</p> <p>Operator: Dwr Cymru Cyfyngedig Property Type: Sewerage Network - Sewers - Water Company Location: Cso At Tonypanyd, Rear Of De Winton St, R/O De Winton Street, Tonypanyd, Cf40 2ra Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: An0123001 Permit Version: Not Supplied Effective Date: 24th September 2019 Issued Date: 24th September 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Nant Clydach Status: Effective Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	986	2	299185 192693
	Nearest Surface Water Feature	A13SW (SW)	0	-	298065 192721
9	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Adjacent To Cambrian Industrial Park Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Clydach Vale Bottom Lk Incident Date: 23rd July 1997 Incident Reference: 33420 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>	A13NE (NE)	34	3	298200 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Clydach Lake Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 22nd May 1995 Incident Reference: 24064 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>	A13NW (W)	40	3	297900 192800
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: CLYDACH VALE Authority: Environment Agency, Welsh Region Pollutant: Miscellaneous - Vehicles Note: Deliberate Incident Date: 5th February 1997 Incident Reference: 31324 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	57	3	298000 192850
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Clydach Vale Lake Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Nant Clydach; Overflow Incident Date: 13th May 1998 Incident Reference: 35693 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	104	3	298300 192800
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Clydach Vale, TONYPANDY Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Unknown; Nant Clydach Incident Date: 6th July 1998 Incident Reference: 36204 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>	A13NE (N)	120	3	298100 192900
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 17th July 1996 Incident Reference: 29664 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>	A12NE (W)	499	3	297450 192900
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Storm Overflow Location: Small Lake In Clydach Vale Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Blocked Sewer Incident Date: 28th October 1991 Incident Reference: 1111 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>	A11NE (W)	934	3	297000 192800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Cwm Clydach GQA Grade: River Quality B Reach: Conf.Rhondda Fawr-Conf.Nant Yr Haul Estimated Distance (km): 2.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13NE (N)	27	3	298084 192816
16	Substantiated Pollution Incident Register Authority: Natural Resources Wales Incident Date: 28th July 2006 Incident Reference: 422288 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A13NW (NW)	53	2	297981 192851
17	Water Abstractions Operator: Rhondda Cynon Taf County Borough Council Licence Number: 21/57/24/0048 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	103	2	298290 192820
17	Water Abstractions Operator: Cwm Clydach Community Development Trust Licence Number: Wa/057/0024/001 Permit Version: 2 Location: Nant Clydach, Clydach Vale Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th June 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	135	2	298330 192810
17	Water Abstractions Operator: Cwm Clydach Community Development Trust Licence Number: Wa/057/0024/001 Permit Version: 1 Location: Nant Clydach, Clydach Vale Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th October 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	135	2	298330 192810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Water Abstractions</p> <p>Operator: Cwm Clydach Community Development Trust Licence Number: Wa/057/0024/002 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NE (E)	135	2	298330 192810
17	<p>Water Abstractions</p> <p>Operator: Cwm Clydach Community Development Trust Licence Number: Wa/057/0024/001 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NE (E)	135	2	298330 192810
	<p>Water Abstractions</p> <p>Operator: Rhondda Cynon Taf County Borough Council Licence Number: 21/57/24/0048 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11SW (W)	1385	2	296550 192720
	<p>Water Abstractions</p> <p>Operator: Cwm Clydach Community Development Trust Licence Number: 21/57/24/0055 Permit Version: 1 Location: Nant Clydach In Clydach Vale Country Park Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th September 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11SW (W)	1456	2	296480 192700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Cwm Clydach Community Development Trust Licence Number: 21/57/24/0055 Permit Version: Not Supplied Location: Top Lake Cwmclydach Phase 1, Cwmclydach Community Development Centre, Clydach Road, Tonypany, Cf40 2bd Authority: Natural Resources Wales Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A11SW (W)	1456	2	296480 192700
	<p>Water Abstractions</p> <p>Operator: Dwr Cymru Cyfyngedig Licence Number: 21/57/24/0036 Permit Version: Not Supplied Location: Not Supplied Authority: Natural Resources Wales Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Approximate location provided by supplier</p>	A21SE (NW)	1527	2	297000 194000
	<p>Water Abstractions</p> <p>Operator: Dwr Cymru Cyfyngedig Licence Number: 21/57/24/0036 Permit Version: 100 Location: Nant Cesig (Point 2) Authority: Natural Resources Wales Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nant Cesig Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A21SW (NW)	1765	2	296590 193930
	<p>Water Abstractions</p> <p>Operator: Dwr Cymru Cyfyngedig Licence Number: 21/57/24/0036 Permit Version: 100 Location: Nant Cesig (Point 1) Authority: Natural Resources Wales Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nant Cesig Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A21NE (NW)	1874	2	297000 194420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Low	A13NW (W)	0	2	298000 192748
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: Medium	A13NE (SW)	0	2	298076 192748
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (SW)	0	2	298076 192748
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (SW)	0	2	298076 192748
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	11	2	298083 192803
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	11	2	298099 192803
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	0	4	298065 192721
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13NW (W)	0	4	298006 192755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwlyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	3	4	298194 192718
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Pwlyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	3	4	298204 192756
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwlyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	12	4	298209 192776
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	15	4	297922 192790
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	15	4	298012 192805
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 261.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	16	4	297918 192781
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	16	4	297931 192811
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	16	4	297918 192781
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	26	4	297938 192827

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwlyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	28	4	298213 192792
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	29	4	298192 192641
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwlyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	29	4	298192 192641
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	31	4	298176 192628
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	31	4	298187 192636
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	52	4	297957 192856
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	52	4	297951 192856
36	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 90.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (N)	53	4	298047 192846
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	53	4	297957 192856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 176.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (N)	57	4	298088 192840
39	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Caedafydd Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (N)	59	4	298047 192846
40	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 77.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (NE)	61	4	298221 192823
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 297.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Nant Caedafydd Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (N)	73	4	298048 192860
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	91	4	297929 192670
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	91	4	297910 192686
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	91	4	297909 192690
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	92	4	297904 192690
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	92	4	297904 192690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	93	4	297974 192655
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	94	4	298009 192636
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	94	4	297974 192655
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	98	4	297882 192695
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	101	4	297878 192694
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	101	4	297878 192694
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	102	4	297878 192693
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	109	4	297886 192669
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	109	4	297876 192686

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	111	4	297852 192702
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	111	4	297852 192702
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	113	4	298299 192824
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SW (W)	116	4	297868 192683
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	116	4	297868 192683
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	119	4	297865 192682
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	119	4	297865 192682
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (W)	127	4	297864 192669
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	128	4	298101 192561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	130	4	298322 192816
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	130	4	298322 192816
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	132	4	297832 192865
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (NW)	132	4	297831 192864
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	135	4	298099 192554
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	135	4	298077 192565
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	138	4	298338 192786
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	157	4	298109 192523
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	157	4	298109 192523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NE (E)	163	4	298363 192737
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	168	4	298364 192718
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	202	4	297752 192866
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13NW (W)	202	4	297752 192866
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (E)	203	4	298386 192666
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 402.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14NW (E)	214	4	298416 192778
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NW (E)	214	4	298416 192778
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14NW (E)	217	4	298419 192757
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (S)	222	4	297979 192514

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (S)	232	4	298120 192440
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	232	4	298418 192673
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (S)	232	4	298120 192440
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (S)	233	4	298129 192437
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	233	4	298422 192682
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A13SE (S)	235	4	298126 192436
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	239	4	298433 192698
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	239	4	298433 192698
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.1 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	248	4	298301 192451

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	250	4	298438 192675
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	251	4	298439 192672
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	251	4	298439 192672
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 313.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	251	4	297692 192710
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	251	4	297701 192672
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	268	4	298299 192427
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	269	4	298457 192671
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	270	4	297664 192775
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	270	4	297664 192775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	273	4	298471 192715
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	275	4	298402 192511
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	277	4	298470 192688
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SE (SE)	281	4	298266 192399
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	282	4	298196 192384
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	282	4	298196 192384
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	290	4	298163 192373
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (E)	290	4	298482 192685
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	290	4	298184 192376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	290	4	298251 192386
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	290	4	298251 192386
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (SE)	290	4	298254 192386
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	295	4	298182 192370
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwllyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	295	4	298182 192370
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	296	4	297648 192858
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	296	4	297648 192858
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 339.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A13SW (SW)	300	4	297897 192463
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	304	4	298462 192565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	304	4	298119 192367
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	315	4	298466 192544
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	321	4	298412 192450
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	323	4	298242 192349
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	329	4	298473 192525
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	335	4	298212 192332
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	339	4	298119 192332
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	345	4	298481 192506
127	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	345	4	298481 192506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SW (SE)	347	4	298482 192505
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Caedafydd Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	348	4	297982 193150
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Pwlyrhebog Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	356	4	298147 192311
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	356	4	298133 192311
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	370	4	297570 192844
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	370	4	297570 192844
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	373	4	297568 192856
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	378	4	297566 192868
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	382	4	297565 192878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	387	4	297563 192889
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	420	4	297517 192835
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	420	4	297517 192835
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NE (W)	426	4	297513 192844
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A8NE (S)	463	4	298178 192203
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SE (N)	475	4	298155 193253
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	494	4	297880 193293
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Caedafydd Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	494	4	297880 193293
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	503	4	297455 192624

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	504	4	297536 193092
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	505	4	297561 193126
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	505	4	297573 193140
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	509	4	297562 193134
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (W)	528	4	297407 192733
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 401.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SE (SW)	549	4	297478 192471
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	561	4	297373 192770
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	561	4	297373 192770
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Caedafydd Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	563	4	297839 193356

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	563	4	297839 193356
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	572	4	297364 192826
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	574	4	297707 193324
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (NW)	578	4	297815 193371
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (NW)	579	4	297735 193341
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	580	4	297355 192827
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	580	4	297355 192827
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (N)	584	4	297821 193374
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18SW (NW)	596	4	297763 193370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 206.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	597	4	297342 192858
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18SW (NW)	598	4	297765 193373
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	598	4	297714 193353
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A18SW (NW)	599	4	297766 193374
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	614	4	298814 192717
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 345.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	614	4	298815 192733
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A18SW (NW)	618	4	297797 193403
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	620	4	298810 192638
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	621	4	298811 192641

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	622	4	298812 192638
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	622	4	298812 192638
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	622	4	297685 192208
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NE (SW)	625	4	297684 192205
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	630	4	298811 192601
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	630	4	298811 192601
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	674	4	297262 192840
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	675	4	297261 192838
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	679	4	297260 192862

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
182	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	A17SE (NW)	683	4	297542 193352
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	688	4	297320 193091
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	688	4	297322 193094
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	688	4	297322 193095
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	689	4	297695 193444
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	689	4	297695 193444
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	689	4	297320 193091
189	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 2	A14SE (E)	694	4	298878 192605
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	696	4	297297 193060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	697	4	297539 193367
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	701	4	297303 193084
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	702	4	297297 193074
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	703	4	297295 193072
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	704	4	297294 193073
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	707	4	297342 193167
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 298.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	710	4	297469 193328
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	729	4	297643 193465
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	756	4	297617 193484

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	758	4	297621 193487
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	767	4	297399 193338
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SE (NW)	767	4	297399 193338
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17NE (NW)	771	4	297585 193484
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	774	4	298730 192126
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	777	4	297163 192681
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	788	4	298710 192087
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	802	4	297184 193062
208	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 83.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NW (SE)	804	4	298721 192075

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	806	4	298910 192336
210	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 244.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	806	4	298910 192336
211	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	810	4	298698 192047
212	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	821	4	298715 192047
213	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	824	4	297299 193311
214	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	824	4	297299 193311
215	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 69.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	825	4	298720 192046
216	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 70.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	828	4	298717 192040
217	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9NE (SE)	828	4	298802 192125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	830	4	298906 193207
219	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	832	4	297110 192900
220	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	833	4	298929 193175
221	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	834	4	298947 193142
222	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	835	4	297103 192701
223	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12SW (W)	835	4	297103 192701
224	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 478.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	836	4	298952 193136
225	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	841	4	297106 192923
226	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	841	4	297106 192923

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 359.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	842	4	298916 193212
228	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	847	4	297101 192932
229	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	847	4	297101 192932
230	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	859	4	297263 193321
231	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	863	4	297164 193169
232	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	867	4	297067 192823
233	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	871	4	298699 191970
234	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	874	4	297248 193326
235	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	876	4	297090 193013

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
236	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	876	4	297090 193013
237	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	878	4	297258 192217
238	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 458.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A7NW (SW)	883	4	297252 192216
239	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	883	4	297054 192866
240	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	883	4	297054 192866
241	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	888	4	298784 192020
242	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	889	4	297231 193328
243	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	889	4	297231 193328
244	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	893	4	297054 192934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	895	4	298593 193571
246	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	898	4	297036 192814
247	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	898	4	297036 192814
248	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	901	4	297043 192915
249	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A12NW (W)	901	4	297061 193004
250	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	903	4	297042 192923
251	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	903	4	297042 192923
252	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	905	4	297032 192852
253	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	911	4	297122 193192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
254	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A14SE (E)	918	4	299069 192451
255	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	919	4	298638 193575
256	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Fach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NW (NE)	920	4	298643 193574
257	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	920	4	297116 193201
258	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	923	4	297026 192945
259	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	929	4	298828 192004
260	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	932	4	297001 192794
261	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A11NE (W)	934	4	297000 192806
262	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	936	4	297110 193222

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
263	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15SW (E)	950	4	299126 192533
264	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 206.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	955	4	297098 193241
265	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	955	4	297098 193241
266	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15SW (E)	959	4	299159 192694
267	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15SW (E)	959	4	299160 192717
268	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	959	4	297841 193757
269	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	960	4	297095 193245
270	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19NE (NE)	961	4	298784 193531
271	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nant Clydach Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15SW (E)	964	4	299164 192694

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
272	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A15SW (E)	964	4	299164 192694
273	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A17SW (NW)	965	4	297092 193251
274	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	976	4	297753 193760
275	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 185.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A23SW (N)	990	4	297902 193793
276	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	993	4	298997 193361
277	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 177.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SW (SE)	993	4	298600 191768
278	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	997	4	299025 193329
279	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A9SE (SE)	998	4	298889 191968
280	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cynon, Ely and Rhondda Primacy: 1	A19SE (NE)	999	4	299060 193279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
281	BGS Recorded Landfill Sites Site Name: King George V Field Location: BLAENDYDACH, Mid Glamorgan Authority: British Geological Survey, National Geoscience Information Service Ground Water: No threat to ground water Surface Water: No threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A14SW (E)	285	-	298472 192666
282	Historical Landfill Sites Licence Holder: Not Supplied Location: Blaendydach, Mid Glamorgan Name: King George V Field Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31205 First Input Date: 31st December 1915 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2200 Other Ref: Not Supplied	A14SW (E)	285	2	298472 192666
283	Historical Landfill Sites Licence Holder: Mid Glamorgan County Council Location: Tonypanyd, Mid Glamorgan Name: Coetgaw Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14934 First Input Date: 31st December 1986 Last Input Date: 29th November 1988 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6940/0018 BGS Ref: Not Supplied Other Ref: 11/86, 6940/0027	A9NW (SE)	639	2	298588 192178
284	Historical Landfill Sites Licence Holder: Mid Glamorgan County Council Location: Mid Rhondda Name: Clydach Vale Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15152 First Input Date: 31st December 1986 Last Input Date: 13th March 1989 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6940/0014 BGS Ref: Not Supplied Other Ref: 10/86	A14SE (E)	724	2	298891 192538
285	Licensed Waste Management Facilities (Landfill Boundaries) Name: Nant Y Gwyddon Landfill Licence Number: 30157 Location: Nantgywyddon Landfill Site, Nantgywyddon Road, Gelli, Pentre, R C T, CF41 7TL Licence Holder: Amgen Rhondda Ltd Authority: Natural Resources Wales Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Issued Issued: 15th March 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NE (N)	901	2	298220 193673
	Local Authority Landfill Coverage Name: Rhondda Cynon Taff County Borough Council - Has supplied landfill data		0	5	298076 192748
286	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13NE (SW)	0	-	298076 192748

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
287	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SE (SE)	23	-	298194 192654
288	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (W)	27	-	297913 192729
289	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (SW)	147	-	297985 192590
290	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (S)	263	-	298021 192447
291	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (NW)	353	-	297775 193111
292	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (NW)	405	-	297816 193186
293	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (NW)	478	-	297778 193250
294	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (N)	489	-	297868 193286
295	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SW (NE)	502	-	298588 193088
296	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	692	-	298861 192546
297	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A17SW (NW)	727	-	297334 193191
298	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	809	-	298996 192606
299	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	823	-	298999 192553
300	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (SE)	834	-	298661 191988
301	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (SE)	848	-	298649 191962
302	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (SE)	848	-	298679 191983

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
303	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	878	-	299073 192652
304	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (SE)	882	-	298645 191919
305	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (SE)	951	-	298630 191830
306	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (N)	218	-	298041 193006
307	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A13NW (N)	246	-	298023 193039
308	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13NW (N)	276	-	298024 193070
309	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1947	A14SW (E)	278	-	298461 192654
310	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A14SE (E)	726	-	298921 192666
311	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A19SE (NE)	824	-	298942 193128
312	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1885	A14NE (E)	863	-	299048 192941
313	Registered Landfill Sites Licence Holder: Mid Glamorgan C.C. Licence Reference: 11 Site Location: Goetgae Quarry, Tonypany, Mid Glamorgan Licence Easting: 298620 Licence Northing: 192150 Operator Location: Greyfriars, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1986 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Excav.Subsoil Ex Highway Constrn	A9NW (SE)	681	3	298620 192150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
314	<p>Registered Landfill Sites</p> <p>Licence Holder: Mid Glamorgan C.C. Licence Reference: 10 Site Location: Disused Quarry At Clydach Vale, Tonypanydy, Mid Glamorgan Licence Easting: 298950 Licence Northing: 192500 Operator Location: Greyfriars, Cardiff, South Glamorgan Authority: Environment Agency Wales, South East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1986 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Excav.Subsoil Ex Highway Constrn</p>	A14SE (E)	790	3	298950 192500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: South Wales Upper Coal Measures Formation	A13NE (SW)	0	1	298076 192748
	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: 30 - 45 mg/kg	A13NE (SW)	0	1	298076 192748
	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	A13SW (SW)	92	1	297990 192641
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	97	1	298236 192879
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 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)	185	1	297915 192579
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 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)	225	1	298137 193000
	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	A13SW (SW)	273	1	297892 192483

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14SW (E)	285	1	298455 192609
	<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>	A13NE (NE)	299	1	298297 193058
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A18SW (N)	346	1	298058 193151
	<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>	A17SE (NW)	499	1	297676 193222
	<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>	A7NE (SW)	500	1	297665 192355
	<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 30 - 45 mg/kg</p> <p>Concentration:</p>	A18SW (N)	501	1	297987 193303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (S)	550	1	297881 192197
	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:	A8NW (S)	564	1	297855 192194
	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:	A8NW (S)	602	1	297942 192091
	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:	A9NW (SE)	605	1	298707 192377
	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:	A17SE (NW)	612	1	297634 193328
	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:	A17SE (NW)	616	1	297499 193225

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SW)	617	1	297721 192197
	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:	A8NW (S)	653	1	297909 192069
	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:	A7NE (SW)	657	1	297668 192177
	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:	A17SW (NW)	743	1	297349 193242
	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:	A7NE (SW)	748	1	297503 192166
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	753	1	298918 193000

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 25 - 35 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>	A14SE (E)	764	1	298962 192685
	<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>	A9NW (SE)	771	1	298719 192119
	<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 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SE (E)	779	1	298971 192634
	<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 30 - 45 mg/kg</p> <p>Concentration:</p>	A9SW (SE)	813	1	298711 192054
	<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>	A7NW (SW)	835	1	297270 192271
	<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>	A17SW (NW)	874	1	297235 193307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SW (NW)	894	1	297215 193314
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (W)	955	1	297000 192577
315	BGS Recorded Mineral Sites Site Name: Brookvale Colliery Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158258 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	64	1	297959 192867
316	BGS Recorded Mineral Sites Site Name: Pwll-Yr-Hebog Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158237 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	178	1	297866 192613
317	BGS Recorded Mineral Sites Site Name: Blaen Clydach Colliery Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158264 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	A13SW (SW)	208	1	297899 192564
318	BGS Recorded Mineral Sites Site Name: Blaen Clydach Colliery Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158263 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	227	1	298356 192529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
319	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Nant Rhondda Colliery Location: Clydach Vale, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158265 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Llynfi Member Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	371	1	298065 192311
320	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Brynhyfryd Street Quarries Location: Blaen Clydach, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66988 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>	A18SE (NE)	376	1	298315 193125
321	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Brynhyfryd Street Quarries Location: Blaen Clydach, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66987 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>	A18SE (N)	407	1	298245 193171
322	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cwm Cae-Dafydd Location: Clydach Vale, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158236 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>	A18SW (NW)	437	1	297771 193203
322	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pleasant Terrace Location: Clydach Vale, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66985 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>	A18SW (NW)	477	1	297755 193240
323	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coedcae Level Location: Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158219 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>	A9NW (SE)	438	1	298460 192333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
324	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Brookvale Colliery Location: Clydach Vale, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158257 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>	A18SW (N)	507	1	297884 193306
325	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Morton Terrace Location: Clydach Vale, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66984 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>	A17SE (NW)	514	1	297560 193140
326	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Y-Pia Quarry Location: Llwynpia, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158162 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)	557	1	298640 193111
327	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coedcae Quarry Location: Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 188870 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>	A9NW (SE)	675	1	298607 192147
328	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Llwyn-Y-Pia Quarry Location: Llwynpia, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 242653 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)	682	1	298771 193143
329	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cambrian Colliery Location: Clydach Vale, Tonypanyd, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158238 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>	A12SW (W)	696	1	297263 192591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
330	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Clydach Vale Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66983 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>	A17SW (NW)	740	1	297330 193210
331	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pen-Twyn Location: Tonypany, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158184 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>	A14SE (E)	765	1	298943 192567
331	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pen-Twyn Location: Tonypany, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158185 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>	A14SE (E)	776	1	298942 192526
332	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coedcae Quarries Location: Tonypany, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158186 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>	A9SW (SE)	822	1	298652 191996
332	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coedcae Quarries Location: Tonypany, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158187 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>	A9SW (SE)	842	1	298650 191970
333	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blaen Clydach Location: Blaen Clydach, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66986 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>	A18NW (N)	844	1	297835 193640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
334	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Nant Clydach Fach Quarry Location: Llwynpia, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158161 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)	860	1	298895 193275
334	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Nant Clydach Fach Quarry Location: Llwynpia, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 242652 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)	878	1	298891 193311
335	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Taren Ty-Cneifio Quarry Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 9739 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>	A12SW (W)	869	1	297090 192570
336	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cambrian Navigation No 1 Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66979 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pentre Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	874	1	297060 192770
336	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Cambrian Navigation No 2 Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66980 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	874	1	297060 192755
337	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Adare Level Location: Tonypany, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158189 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: No. 2 Rhondda Coal (South Wales) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	881	1	298655 191927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	BGS Recorded Mineral Sites Site Name: Cambrian Navigation No 4 Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66982 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: South Wales Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A11SE (W)	911	1	297025 192715
339	BGS Recorded Mineral Sites Site Name: Clydach Vale Location: Clydach Vale, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 66978 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	A17SW (NW)	936	1	297095 193195
340	BGS Recorded Mineral Sites Site Name: Coedcae Level Location: Tonypany, Tonypany, Mid Glamorgan Source: British Geological Survey, National Geoscience Information Service Reference: 158188 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	A9SW (SE)	949	1	298632 191834
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (SW)	0	6	298076 192748
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (SW)	0	-	298076 192748
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	92	1	297990 192641
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	298051 192696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	298106 192748
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	36	1	298042 192832
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	69	1	297869 192801
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	72	1	297907 192862
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	79	1	298020 192877
	Potential for Landslide Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	92	1	297990 192641
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	110	1	298003 192933
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	120	1	298094 192903
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	193	1	298376 192666
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	197	1	297932 192560
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	92	1	297990 192641
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	185	1	297915 192579
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	298076 192748

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
341	<p>Contemporary Trade Directory Entries</p> <p>Name: Plastek Industries Ltd Location: Unit 6, Cambrian Industrial Park, Clydach Vale, Tonypanyd, Mid Glamorgan, CF40 2XX Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	30	-	298211 192683
342	<p>Contemporary Trade Directory Entries</p> <p>Name: Kit Electroheat Location: 12, Glan-y-Llyn, Clydach Vale, Tonypanyd, Mid Glamorgan, CF40 2BA Classification: Heating Equipment - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	129	-	298132 192904
343	<p>Contemporary Trade Directory Entries</p> <p>Name: Flowtech Precision Mouldings Ltd Location: Unit 2, Cambrian Industrial Park, Clydach Vale, Tonypanyd, CF40 2XX Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	132	-	298303 192633
343	<p>Contemporary Trade Directory Entries</p> <p>Name: The Tailor Made Blind Co Ltd Location: Unit 2, Cambrian Industrial Park, Clydach Vale, Tonypanyd, Mid Glamorgan, CF40 2XX Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	132	-	298304 192636
344	<p>Contemporary Trade Directory Entries</p> <p>Name: Hackman Printers Ltd Location: Unit 1, Cambrian Industrial Park, Clydach Vale, Tonypanyd, Mid Glamorgan, CF40 2XX Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	185	-	298315 192544
345	<p>Contemporary Trade Directory Entries</p> <p>Name: Clydach Vale Builders Merchants Location: TAFF TERRACE, CLYDACH, TONYPANDY, CF40 2BE Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	235	-	298011 193030
346	<p>Contemporary Trade Directory Entries</p> <p>Name: R K J Precision Engineering (Glam) Ltd Location: 30, Evans Terrace, Blaenclydach, Tonypanyd, Mid Glamorgan, CF40 2EB Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	317	-	298037 193109
347	<p>Contemporary Trade Directory Entries</p> <p>Name: Rhondda Ready Mix Concrete Location: Ty Uchal, Sunny Bank, Tonypanyd, Mid Glamorgan, CF40 2RT Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A14NW (NE)	450	-	298559 193041
348	<p>Contemporary Trade Directory Entries</p> <p>Name: R K J Precision Engineering Ltd Location: Park Hall Workshop, Tonypanyd, Mid Glamorgan, CF40 2BQ Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A12NE (NW)	491	-	297502 193012
349	<p>Contemporary Trade Directory Entries</p> <p>Name: Muck Off Location: 86, Thomas Street, Tonypanyd, Mid Glamorgan, CF40 2AJ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	632	-	298823 192886
350	<p>Contemporary Trade Directory Entries</p> <p>Name: Tonypanyd Motor Co Location: Berw Road, Tonypanyd, Mid Glamorgan, CF40 2AA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	867	-	299056 192917

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
351	Contemporary Trade Directory Entries Name: D & L Cleaning Services Location: 7, COURT PLACE, TONYPANDY, CF40 2RE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A15NW (E)	901	-	299103 192779
352	Contemporary Trade Directory Entries Name: Glamorline Blinds Ltd Location: 2, Cambrian Terrace, TONYPANDY, Mid Glamorgan, CF40 2HN Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (E)	949	-	299074 193142
353	Points of Interest - Commercial Services Name: N J Penny Haulage Location: Pen y Cae, Sunny Bank, Tonypany, CF40 2RT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (NE)	377	7	298439 193060
354	Points of Interest - Commercial Services Name: Spoton Mobile Valeting Service Location: 38 Brynhyfryd Street, Tonypany, CF40 2DY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SE (N)	384	7	298072 193170
355	Points of Interest - Commercial Services Name: Tonypany Motor Co Location: Berw Road, Tonypany, CF40 2AA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	867	7	299056 192917
355	Points of Interest - Commercial Services Name: Tonypany Motor Co Location: Tonypany Motor Company Ltd, Berw Road, Tonypany, CF40 Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	868	7	299057 192916
356	Points of Interest - Manufacturing and Production Name: Cambrian Industrial Park Location: CF40 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	62	7	298240 192668
356	Points of Interest - Manufacturing and Production Name: Cambrian Industrial Park (Parc Diwydiannol Cambrian) Location: CF40 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	96	7	298275 192667
357	Points of Interest - Manufacturing and Production Name: Quarries (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	368	7	298283 193125
357	Points of Interest - Manufacturing and Production Name: Quarries (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SE (NE)	376	7	298302 193129
358	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SW (NW)	466	7	297755 193227
358	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	472	7	297758 193235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
359	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A17SE (NW)	516	7	297563 193146
359	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	520	7	297567 193156
360	Points of Interest - Manufacturing and Production Name: Tank Location: CF40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	528	7	298614 193097
360	Points of Interest - Manufacturing and Production Name: Tanks Location: CF40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	538	7	298623 193102
360	Points of Interest - Manufacturing and Production Name: Tank Location: CF40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	543	7	298633 193097
361	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	668	7	298582 192136
361	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A9NW (SE)	672	7	298594 192140
362	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	679	7	298767 193143
363	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A17SW (NW)	758	7	297310 193211
363	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF40 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	771	7	297294 193210
364	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF41 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	844	7	297866 193644
364	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: CF41 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18NW (N)	851	7	297855 193649

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
365	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: CF41 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	846	7	297396 193444
366	Points of Interest - Public Infrastructure Name: Refuse Tip Location: CF40 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	503	7	298111 193287
367	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF40 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	672	7	297814 192094
368	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF40 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	681	7	298769 193143
369	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: CF40 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	749	7	297955 191949
370	Points of Interest - Public Infrastructure Name: Bus Station Location: CF40 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A15NW (E)	961	7	299159 192852
370	Points of Interest - Public Infrastructure Name: Bus Station Location: CF40 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location	A15NW (E)	966	7	299164 192855
371	Points of Interest - Public Infrastructure Name: Heap (Dis) Location: CF40 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	986	7	298131 193773
372	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Railway Terrace, CF40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SW (E)	227	7	298406 192646
373	Points of Interest - Recreational and Environmental Name: Playground Location: Evans'S Terrace, CF40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	294	7	298320 193035
373	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	A13NE (NE)	295	7	298320 193037
374	Points of Interest - Recreational and Environmental Name: Play Area Location: CF41 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SW (N)	604	7	297883 193404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
375	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	A12NW (W)	712	7	297230 192889
375	Points of Interest - Recreational and Environmental Name: Playground Location: Howard Street, CF40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	712	7	297230 192889
376	Points of Interest - Recreational and Environmental Name: Play Area Location: CF40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	785	7	298981 192662
376	Points of Interest - Recreational and Environmental Name: Play Area Location: Park Place, CF40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SE (E)	787	7	298983 192662
376	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	A14SE (E)	867	7	299064 192667
376	Points of Interest - Recreational and Environmental Name: Playground Location: Park Place, CF40 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	867	7	299064 192667

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
377	Ancient Woodland Name: Not Supplied Reference: 41497 Area(m ²): 7219.06 Type: Plantation on Ancient Woodland	A13SW (W)	3	2	297973 192734
378	Ancient Woodland Name: Not Supplied Reference: 41499 Area(m ²): 4289.11 Type: Plantation on Ancient Woodland	A13NW (NW)	6	2	297958 192820
379	Ancient Woodland Name: Not Supplied Reference: 41500 Area(m ²): 3860.48 Type: Plantation on Ancient Woodland	A13NW (W)	138	2	297806 192832
380	Ancient Woodland Name: Not Supplied Reference: 41496 Area(m ²): 6146.09 Type: Plantation on Ancient Woodland	A13SE (SE)	227	2	298291 192470
381	Ancient Woodland Name: Not Supplied Reference: 41495 Area(m ²): 20872.18 Type: Plantation on Ancient Woodland	A13SE (SE)	250	2	298283 192439
382	Ancient Woodland Name: Not Supplied Reference: 41498 Area(m ²): 25184.14 Type: Plantation on Ancient Woodland	A12SE (W)	254	2	297686 192717
383	Ancient Woodland Name: Not Supplied Reference: 48373 Area(m ²): 20436.01 Type: Plantation on Ancient Woodland	A18SW (NW)	412	2	297731 193154
384	Ancient Woodland Name: Not Supplied Reference: 16196 Area(m ²): 9734.14 Type: Ancient and Semi-Natural Woodland	A18SW (N)	468	2	297915 193270
385	Ancient Woodland Name: Not Supplied Reference: 50037 Area(m ²): 8859.24 Type: Restored Ancient Woodland Site	A19SW (NE)	618	2	298732 193085
386	Ancient Woodland Name: Not Supplied Reference: 41819 Area(m ²): 1119.02 Type: Plantation on Ancient Woodland	A19SW (NE)	620	2	298733 193086
387	Ancient Woodland Name: Not Supplied Reference: 41501 Area(m ²): 1625.19 Type: Plantation on Ancient Woodland	A17NE (NW)	670	2	297707 193429
388	Ancient Woodland Name: Not Supplied Reference: 48483 Area(m ²): 5779.46 Type: Restored Ancient Woodland Site	A19SE (NE)	744	2	298810 193195
389	Ancient Woodland Name: Not Supplied Reference: 16195 Area(m ²): 5402.45 Type: Ancient and Semi-Natural Woodland	A15SW (E)	917	2	299113 192658
390	Ancient Woodland Name: Not Supplied Reference: 40096 Area(m ²): 27780.11 Type: Plantation on Ancient Woodland	A19SE (NE)	936	2	298957 193320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
391	Ancient Woodland Name: Not Supplied Reference: 41821 Area(m ²): 15527.4 Type: Plantation on Ancient Woodland	A19SE (NE)	947	2	298960 193335

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bridgend County Borough Council - Environmental Health Department Natural Resources Wales Rhondda Cynon Taff County Borough Council - Environmental Services	January 2020 June 2020 October 2017	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 May 2023	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Welsh Region	March 2013	
Integrated Pollution Controls Environment Agency - Welsh Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Welsh Region Natural Resources Wales	January 2021 May 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bridgend County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	July 2015 September 2014	Variable Variable
Local Authority Pollution Prevention and Controls Bridgend County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	July 2015 September 2014	Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bridgend County Borough Council - Environmental Health Department Rhondda Cynon Taff County Borough Council - Public Health and Protection Division	July 2015 September 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	April 2023	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
Registered Radioactive Substances Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
Substantiated Pollution Incident Register Natural Resources Wales Environment Agency Wales - South East Area Environment Agency Wales - South West Area	April 2023 January 2021 January 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Welsh Region Natural Resources Wales	April 2023 June 2023	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Welsh Region Natural Resources Wales	October 2017 October 2022	
Groundwater Vulnerability Map Natural Resources Wales	June 2018	As notified
Bedrock Aquifer Designations Natural Resources Wales	January 2018	Annually

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


Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Natural Resources Wales	March 2023	As notified
Integrated Pollution Control Registered Waste Sites Environment Agency - Welsh Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	January 2023 January 2023 October 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency Wales - South East Area Environment Agency Wales - South West Area Natural Resources Wales	July 2021 July 2021 May 2023	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bridgend County Borough Council Rhondda Cynon Taff County Borough Council	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bridgend County Borough Council Rhondda Cynon Taff County Borough Council	October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency Wales - South East Area Environment Agency Wales - South West Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Rhondda Cynon Taff County Borough Council - Planning Department Bridgend County Borough Council - Planning Department	February 2016 March 2023	Variable Variable
Planning Hazardous Substance Consents Bridgend County Borough Council - Planning Department Rhondda Cynon Taff County Borough Council - Planning Department	February 2016 February 2016	Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2023	Quarterly
Points of Interest - Education and Health PointX	June 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2023	Quarterly
Points of Interest - Public Infrastructure PointX	June 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	April 2023	Bi-Annually
Areas of Adopted Green Belt Bridgend County Borough Council Rhondda Cynon Taff County Borough Council	July 2022 July 2022	Quarterly Quarterly
Areas of Unadopted Green Belt Bridgend County Borough Council Rhondda Cynon Taff County Borough Council	July 2022 July 2022	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural Resources Wales	April 2023	Bi-Annually
Environmentally Sensitive Areas The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Bridgend County Borough Council Rhondda Cynon Taff County Borough Council	March 2023 March 2023	Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	April 2023	Bi-Annually
National Nature Reserves Natural Resources Wales	February 2023	Bi-Annually
National Parks Natural Resources Wales	February 2018	Annually
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural Resources Wales	March 2023	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	March 2023	Bi-Annually
Special Areas of Conservation Natural Resources Wales	April 2023	Bi-Annually
Special Protection Areas Natural Resources Wales	April 2023	Bi-Annually

A selection of organisations who provide data within this report


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

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






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

Geology 1:50,000 Maps Legends









Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary
	ALF	Alluvial Fan Deposits	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

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



Geotechnical & Geoenvironmental Specialists

Geology 1:50,000 Maps

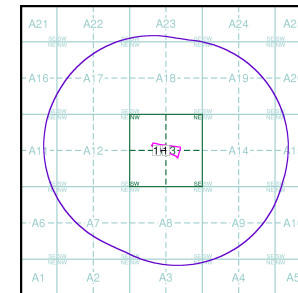
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	248
Map Name:	Pontypridd
Map Date:	1960
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

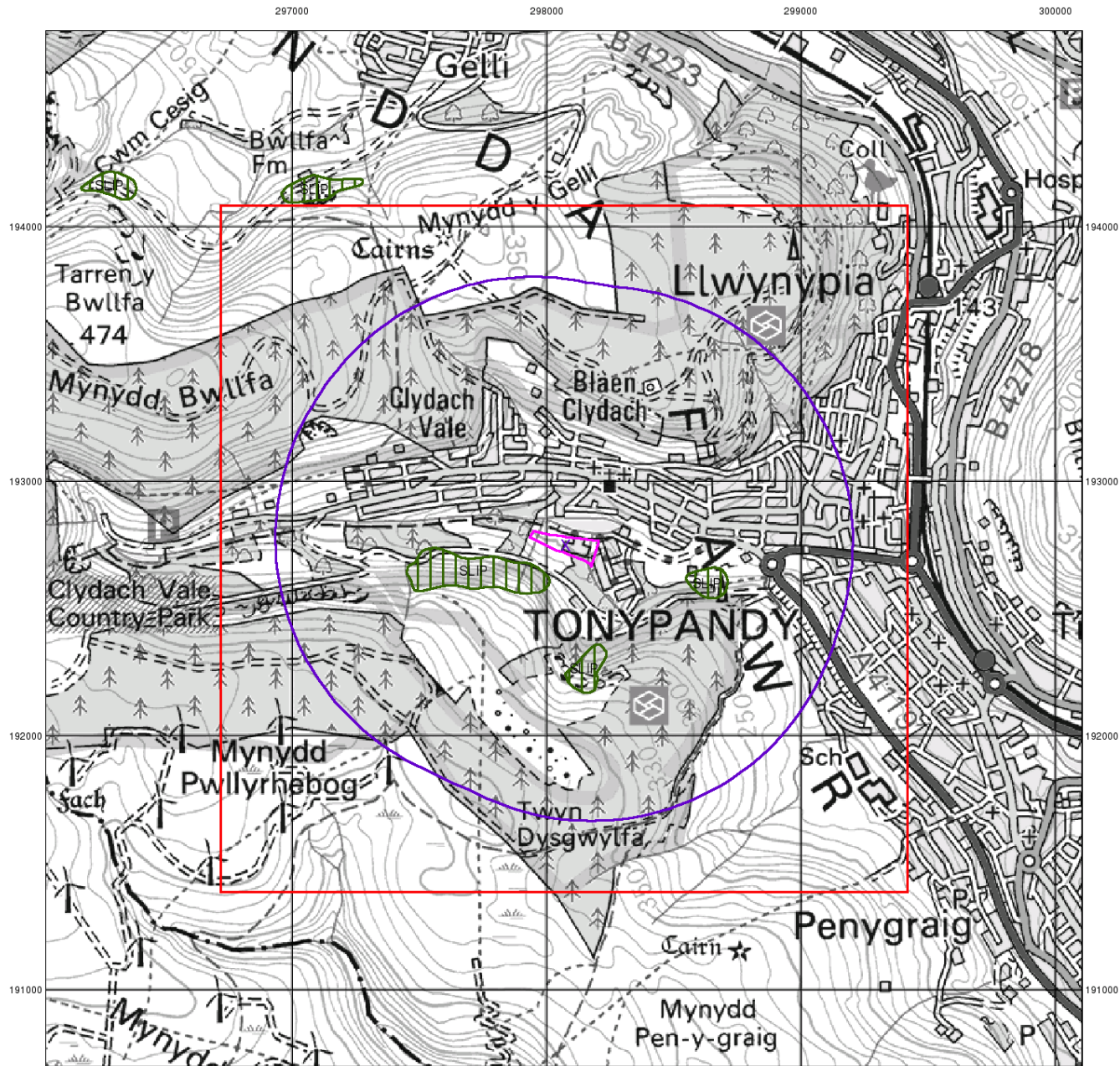
Order Number:	313707938_1_1
Customer Reference:	17931 Clydach vale
National Grid Reference:	298080, 192750
Slice:	A
Site Area (Ha):	1.61
Search Buffer (m):	1000

Site Details:

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc, Cambrian Court Business Pavilion, Clydach, Tonymandy, CF40 2XX

Landmark
INFORMATION GROUP

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Geotechnical & Geoenvironmental Specialists

Artificial Ground and Landslip

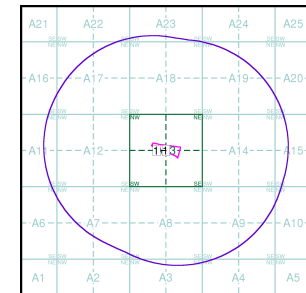
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

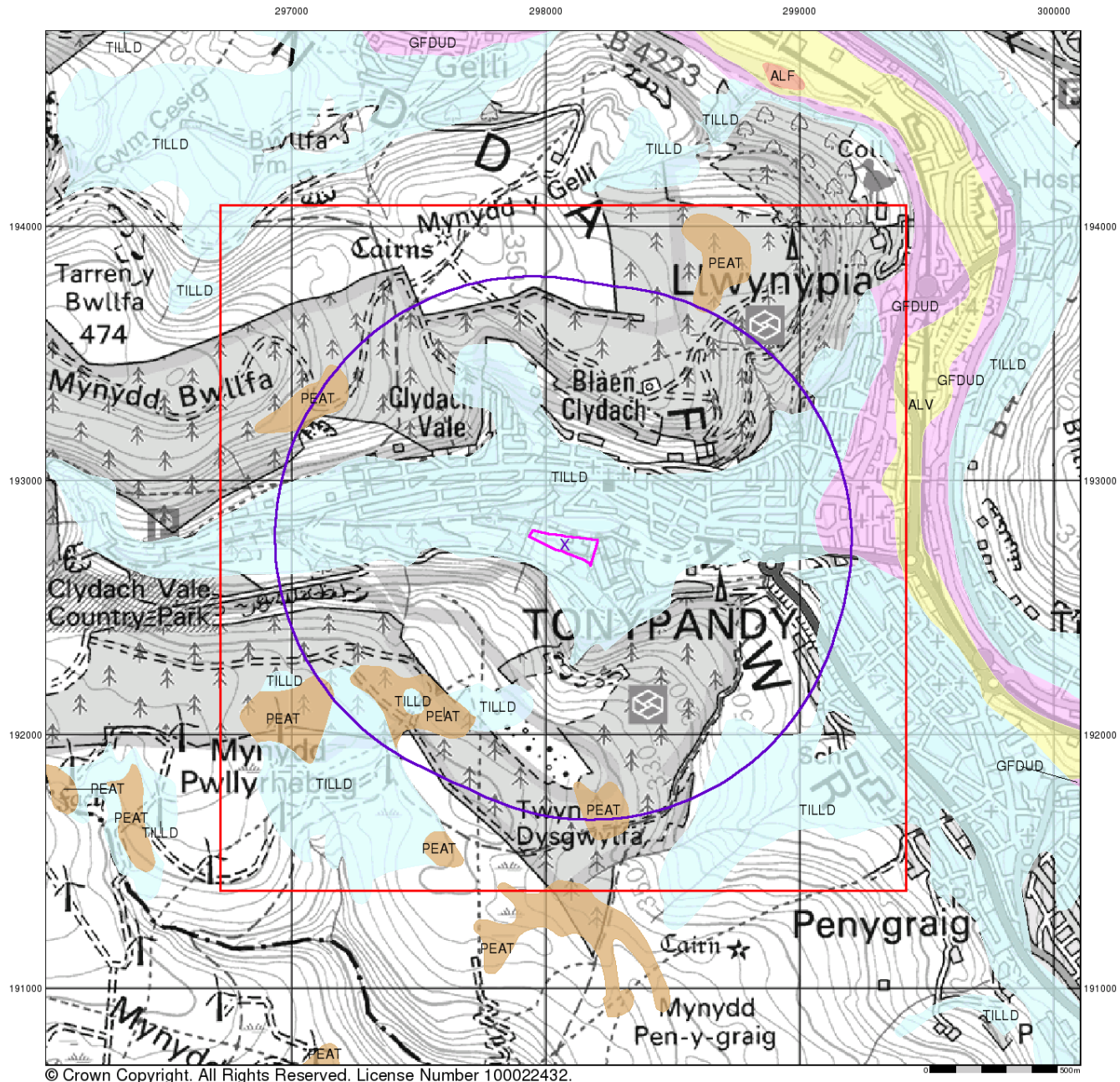
Order Number: 313707938_1_1
 Customer Reference: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details:

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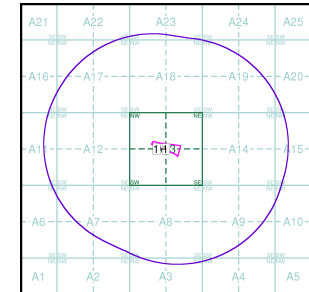
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

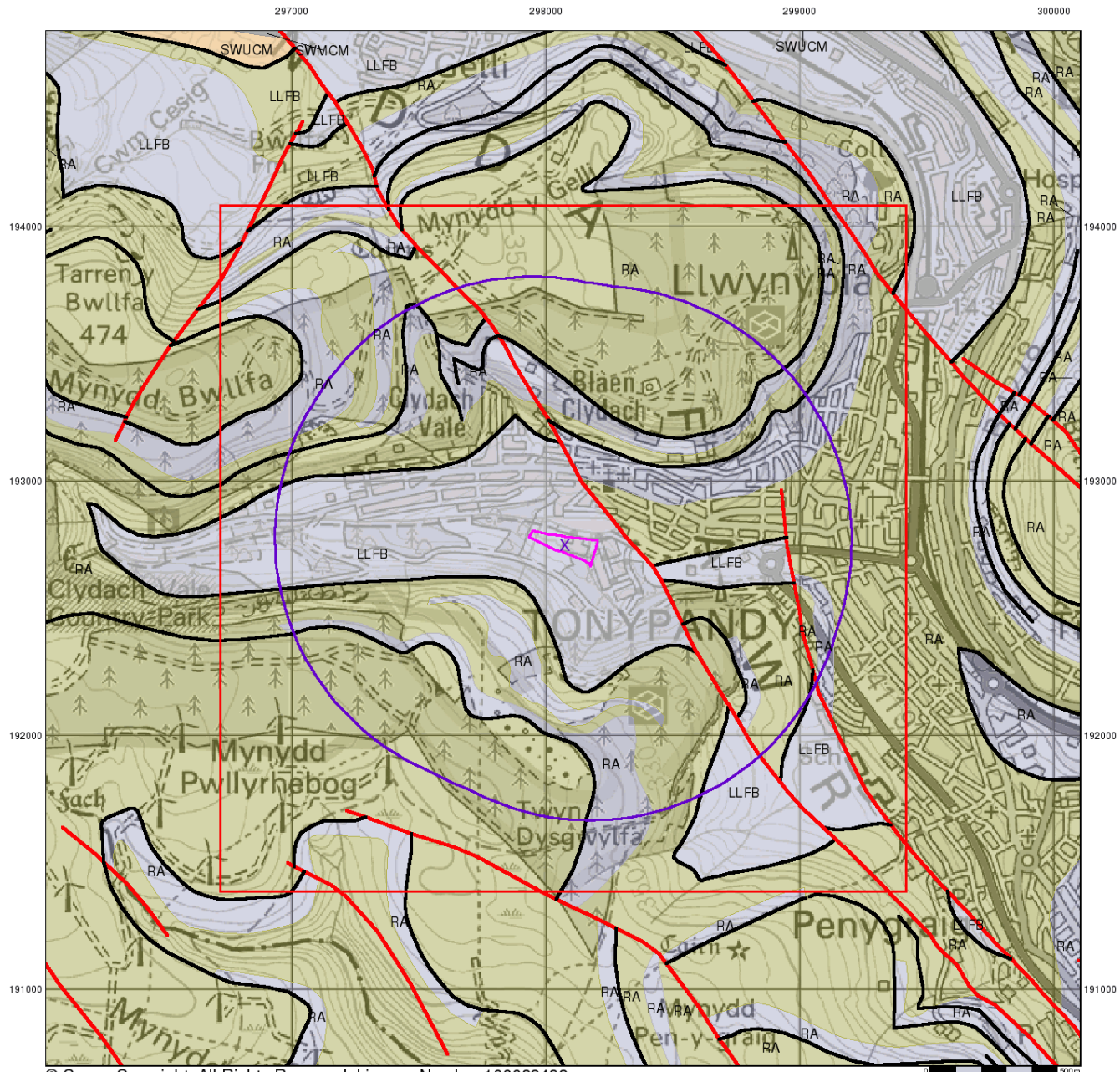
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 Customer Reference: 17931 Clydach vale
 National Grid Reference: 298080, 192750
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 Site Area (Ha): 1.61
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Bedrock and Faults

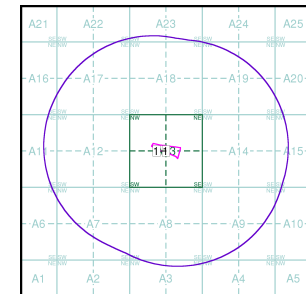
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

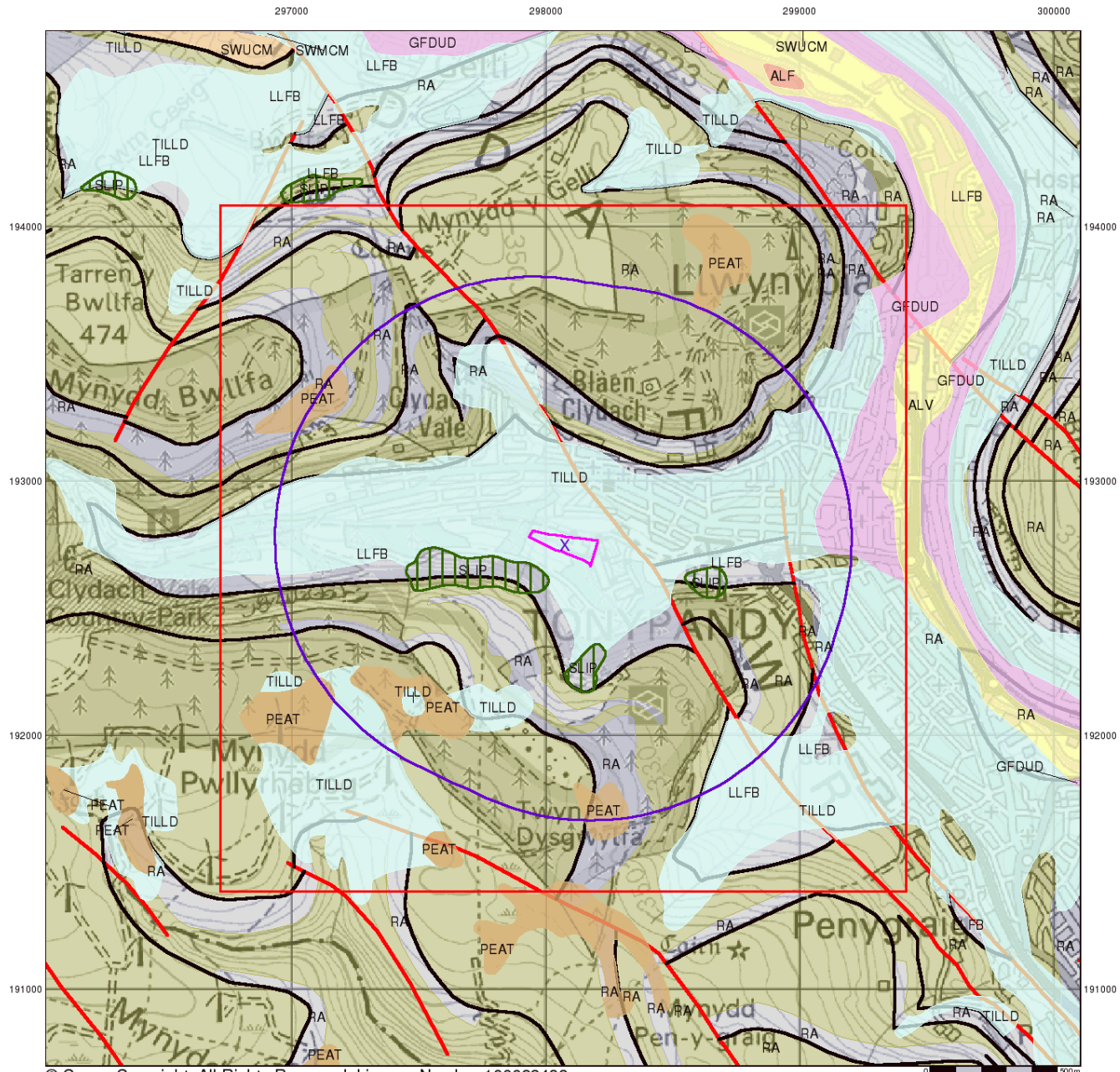
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 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
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Combined Surface Geology

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

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

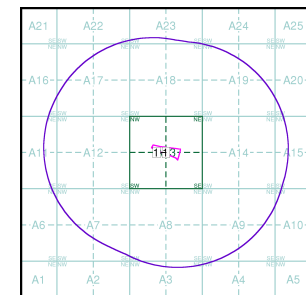
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 313707938_1_1
 Customer Reference: 17931 Clydach vale
 National Grid Reference: 298080, 192750
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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

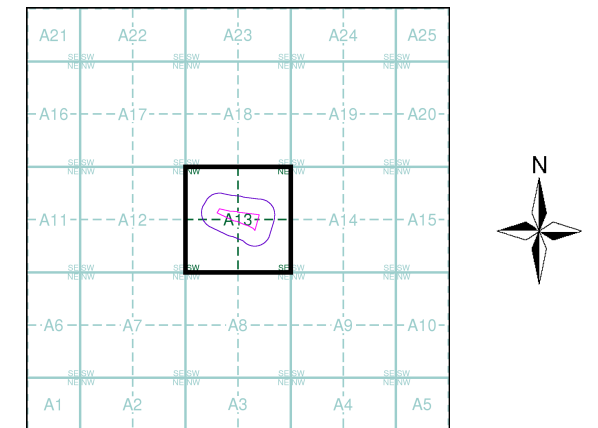


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:2,500	1876	2
Glamorganshire	1:2,500	1900	3
Glamorganshire	1:2,500	1919	4
Ordnance Survey Plan	1:1,250	1961	5
Additional SIMs	1:1,250	1961 - 1991	6
Ordnance Survey Plan	1:2,500	1962	7
Additional SIMs	1:2,500	1987 - 1989	8
Ordnance Survey Plan	1:1,250	1992	9
Large-Scale National Grid Data	1:1,250	1993	10
Large-Scale National Grid Data	1:1,250	1996	11
Historical Aerial Photography	1:2,500	2000	12

Historical Map - Segment A13



Order Details

Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 100

Site Details

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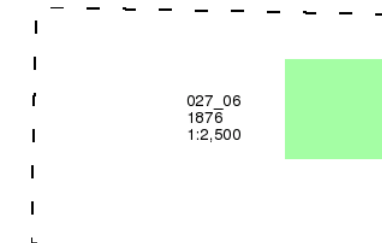
Glamorganshire

Published 1876

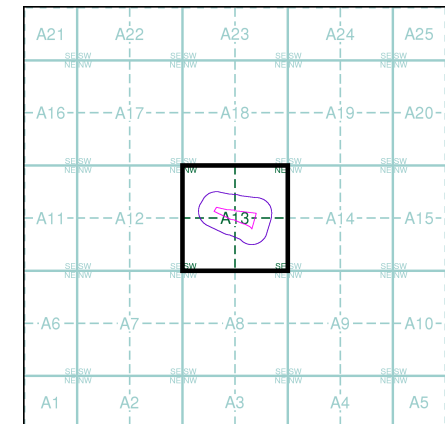
Source map scale - 1:2,500

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

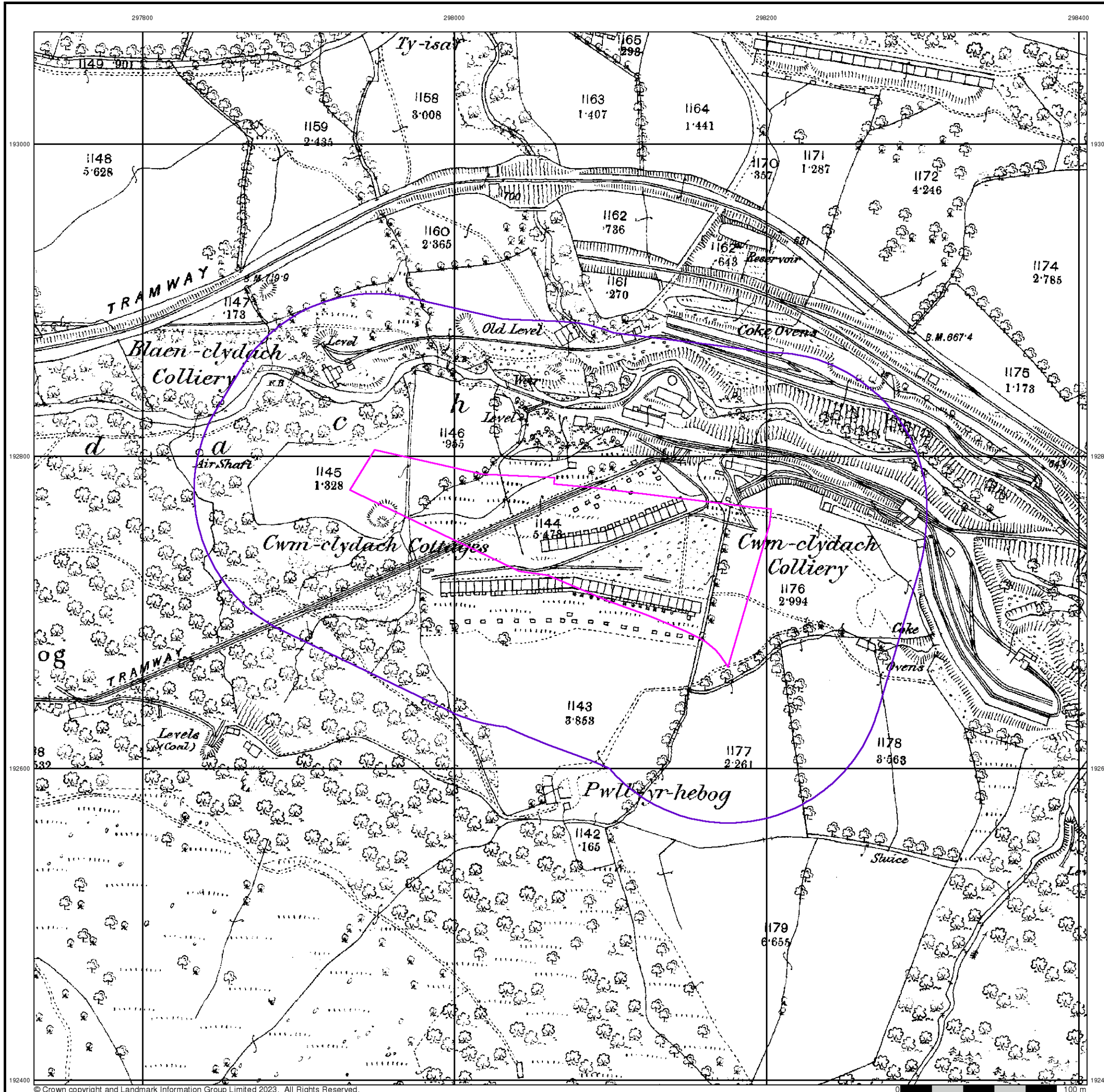
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Customer Ref: 17931 Clydach vale
National Grid Reference: 298080, 192750
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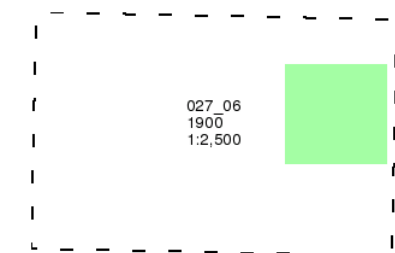
Glamorganshire

Published 1900

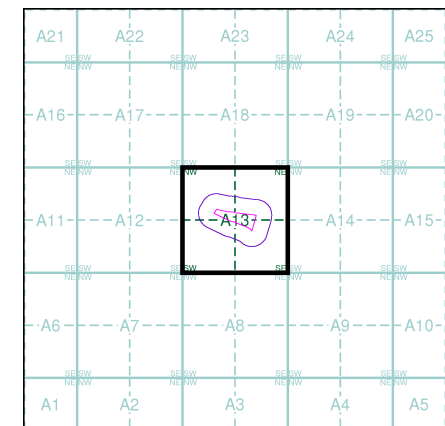
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

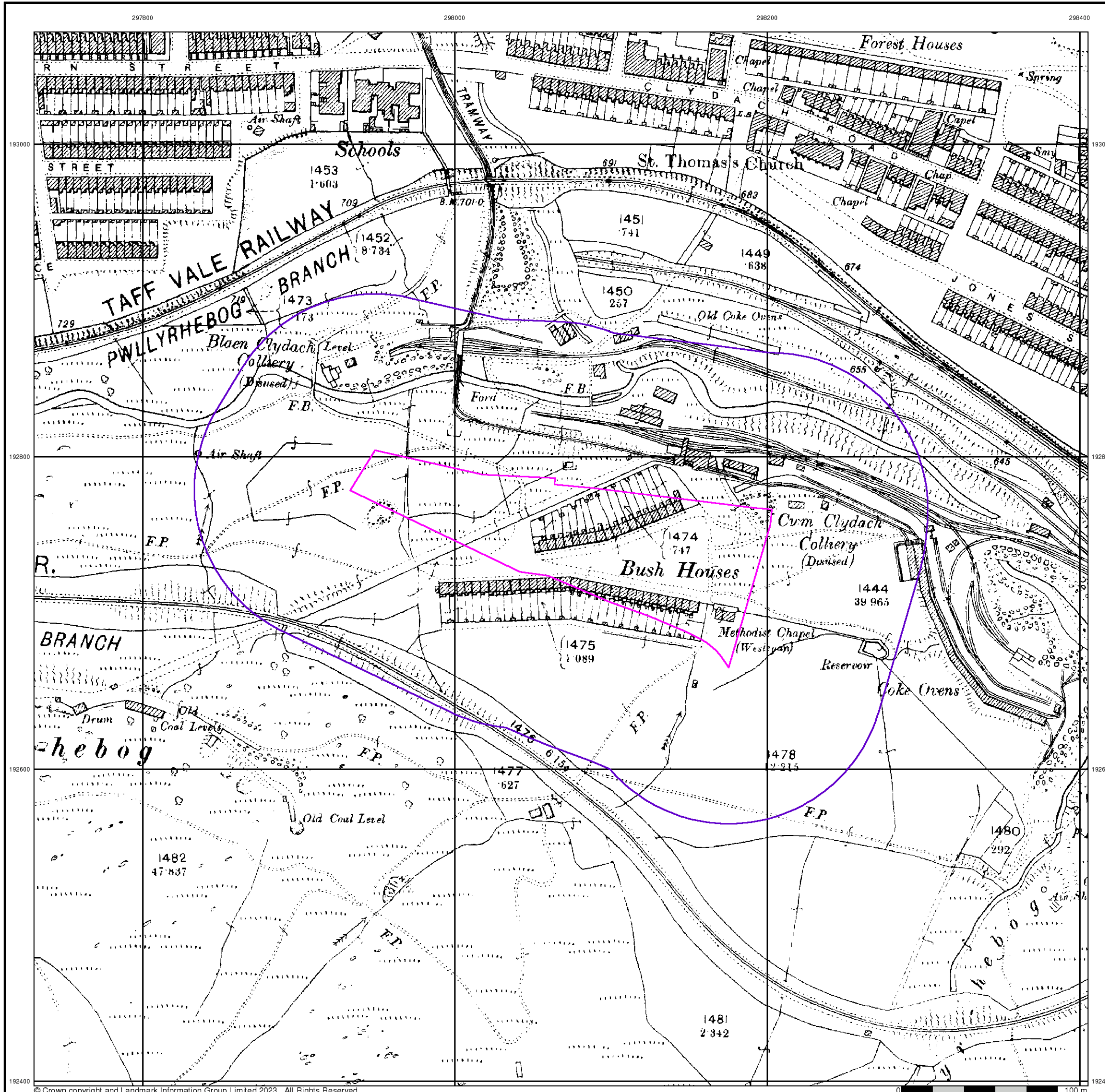
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National Grid Reference: 298080, 192750
Slice: A
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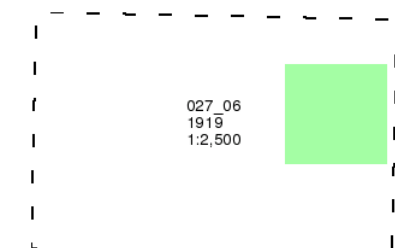
Glamorganshire

Published 1919

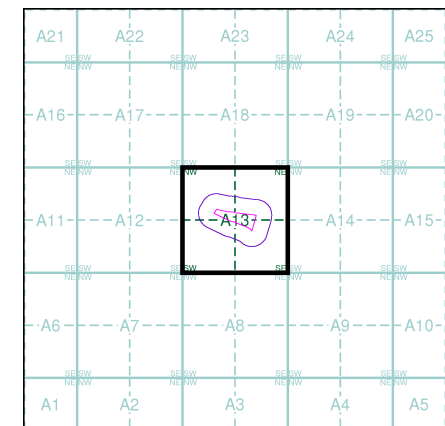
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

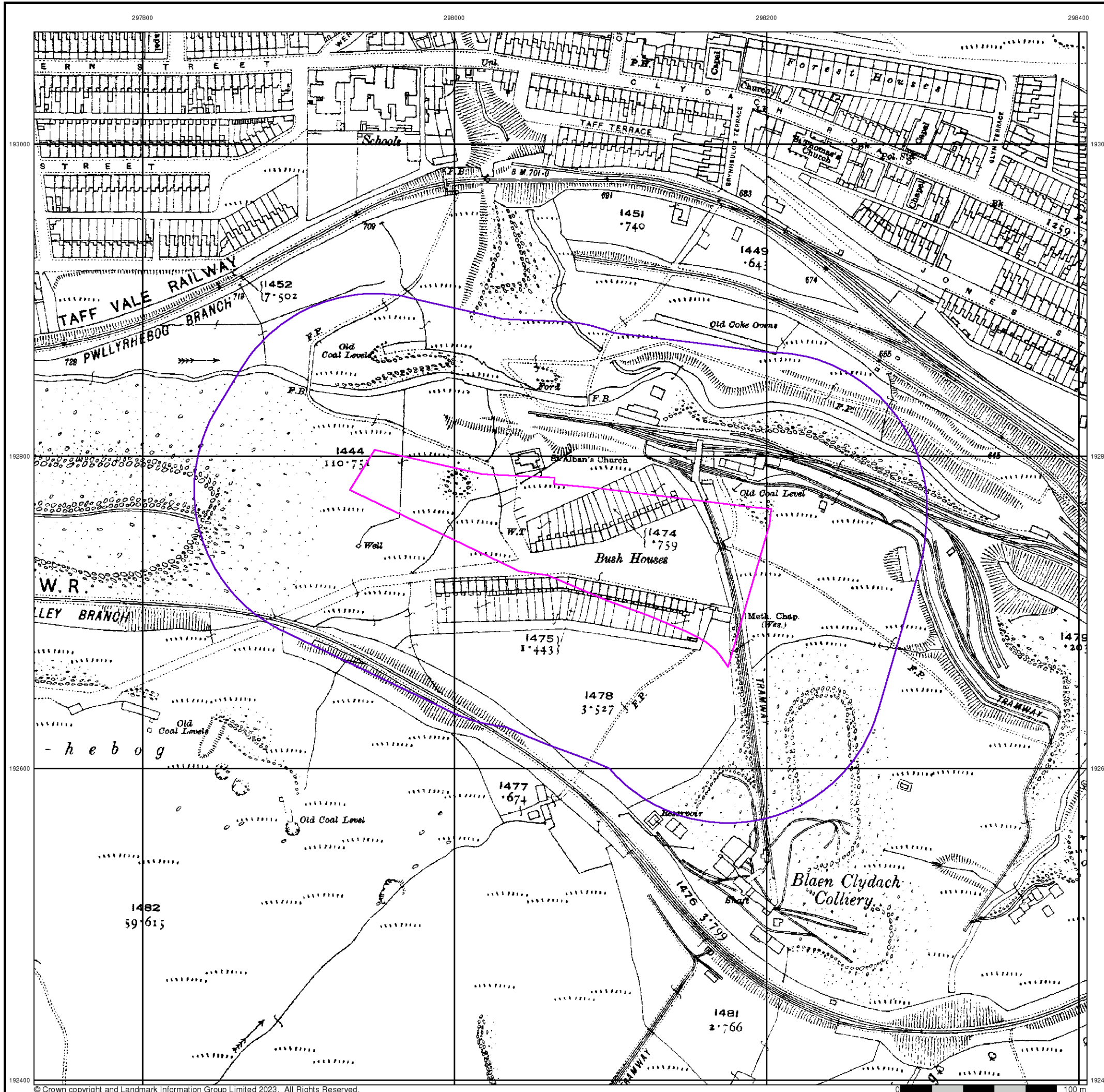
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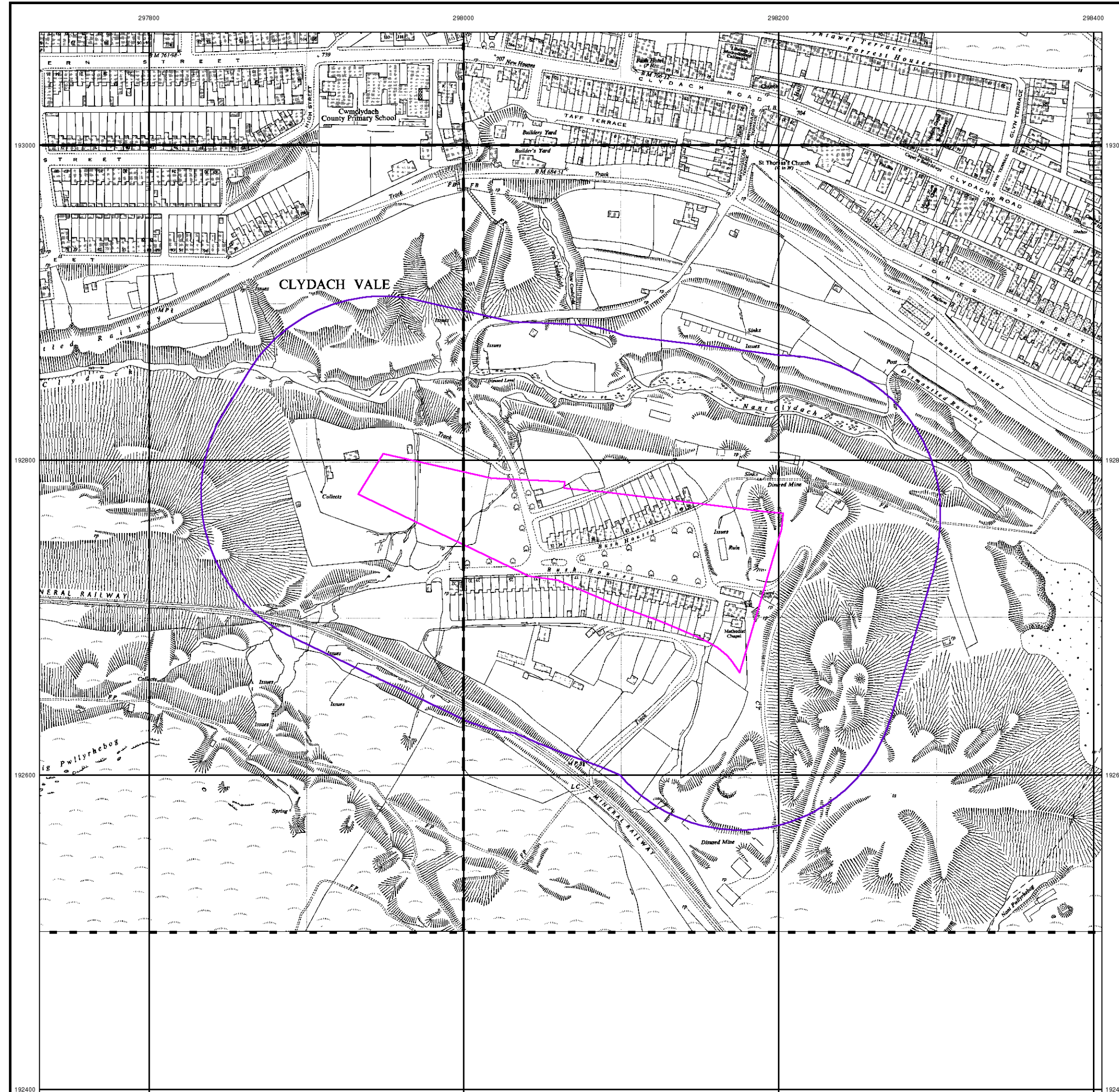
Site Details

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Ordnance Survey Plan

Published 1961

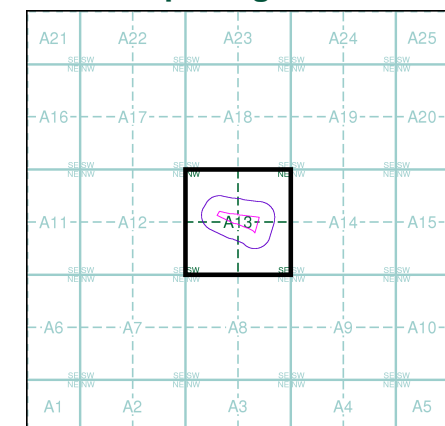
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Map Name(s) and Date(s)

SS9793SE	SS9893SW
1961	1961
1:1,250	1:1,250
SS9792NE	SS9892NW
1961	1961
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
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Additional SIMs

Published 1961 - 1991

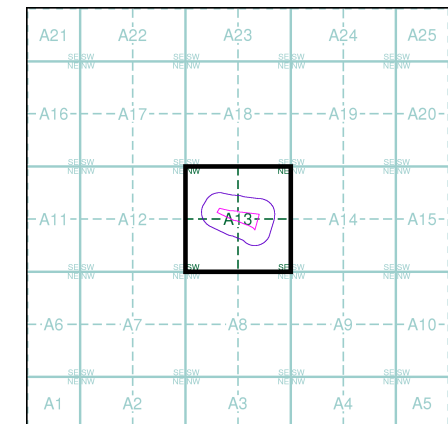
Source map scale - 1:1,250

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)

SS9893SW	1991	1:1,250
SS9792NE	1961	1:1,250
SS9892NW	1961	1:1,250

Historical Map - Segment A13



Order Details

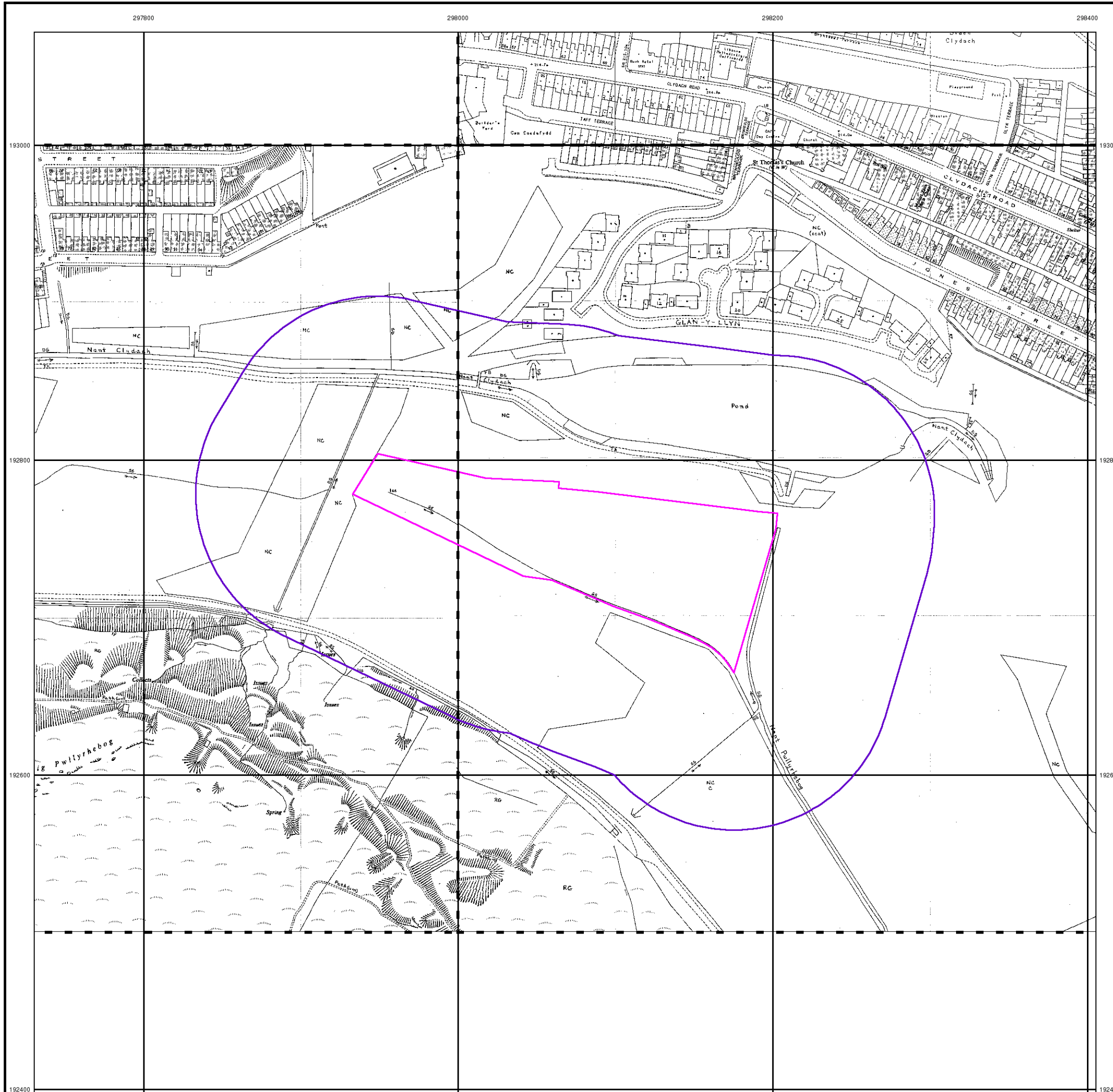
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 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 100

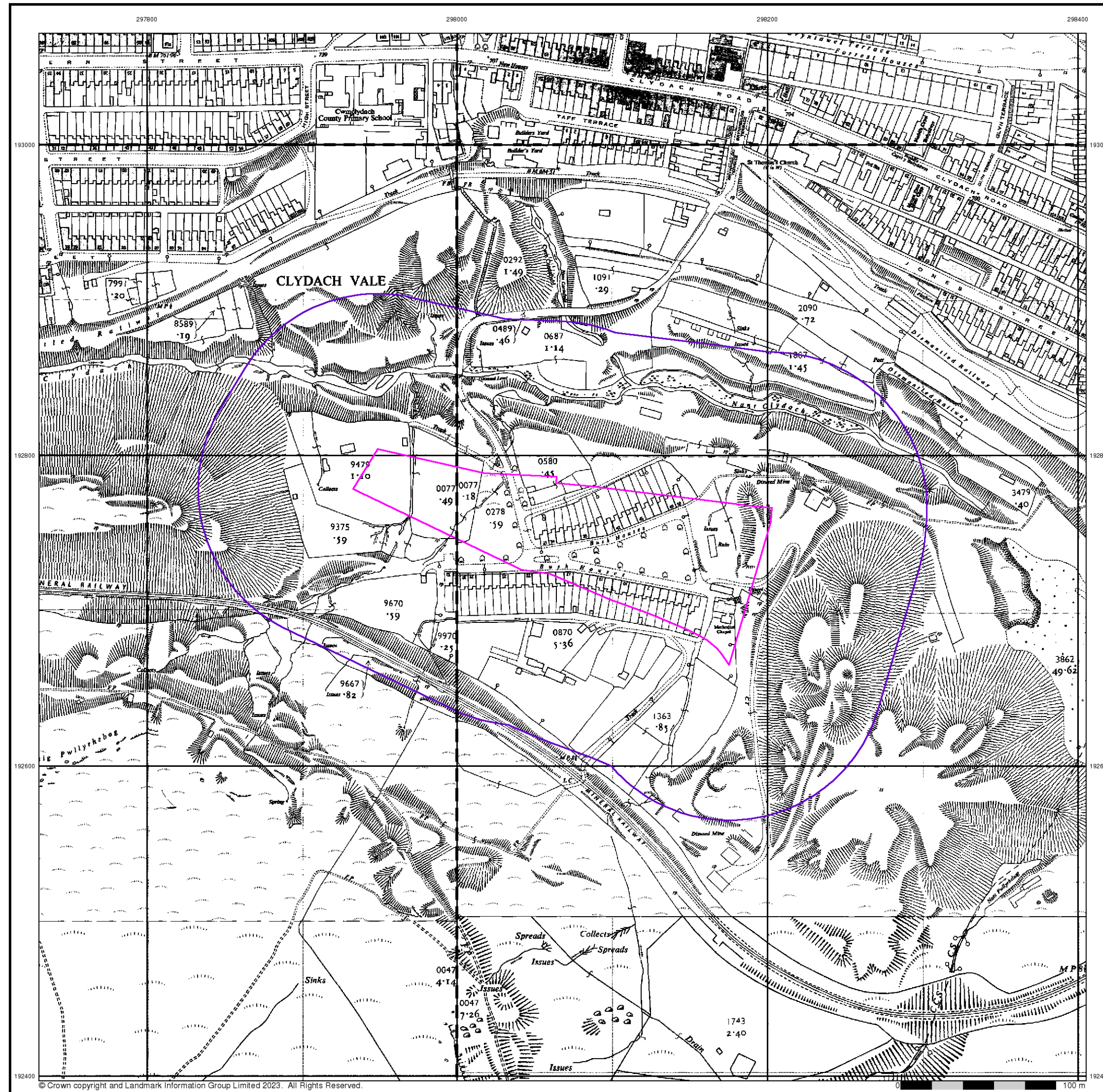
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Ordnance Survey Plan

Published 1962

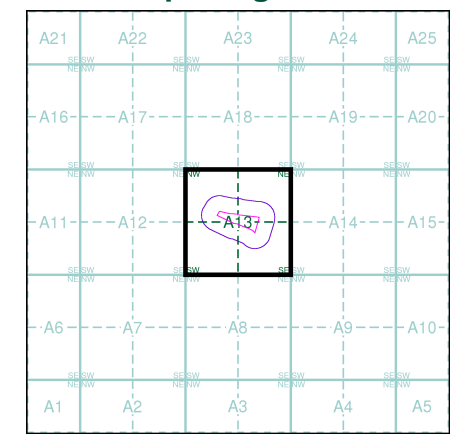
Source map scale - 1:2,500

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)

SS9793 1962 1:2,500	SS9893 1962 1:2,500
SS9792 1962 1:2,500	SS9892 1962 1:2,500

Historical Map - Segment A13



Order Details

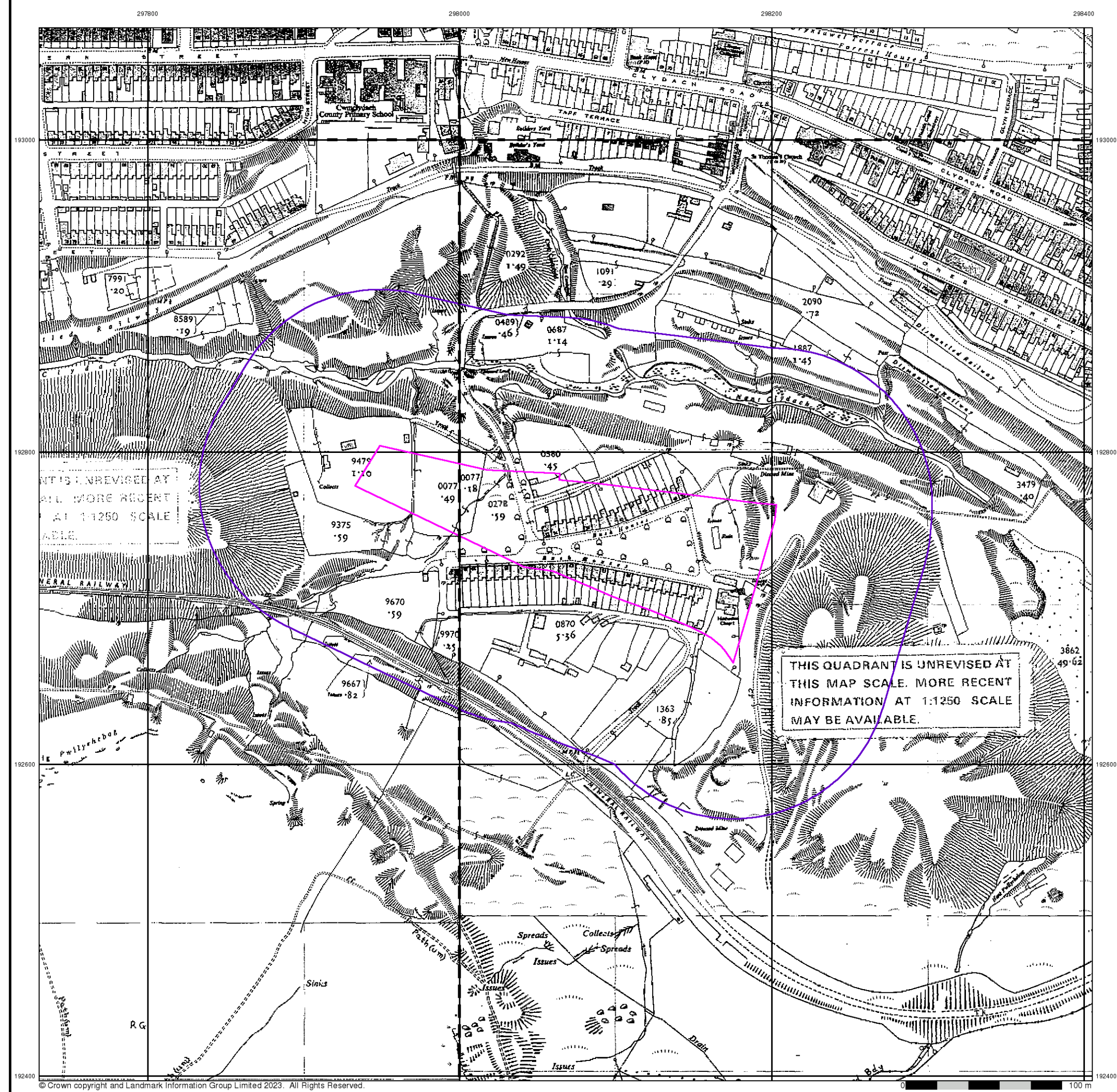
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 National Grid Reference: 298080, 192750
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Additional SIMs

Published 1987 - 1989

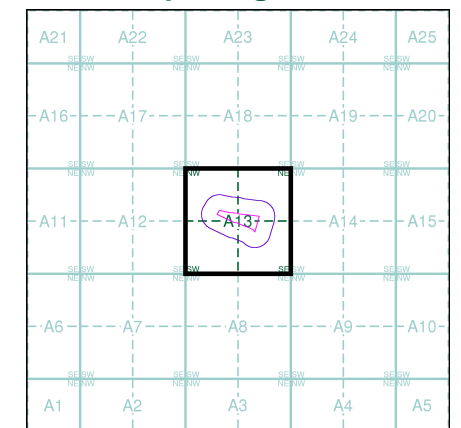
Source map scale - 1:2,500

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)

SS9793 1988 1:2,500	SS9893 1988 1:2,500
SS9792 1987 1:2,500	SS9892 1989 1:2,500

Historical Map - Segment A13



Order Details

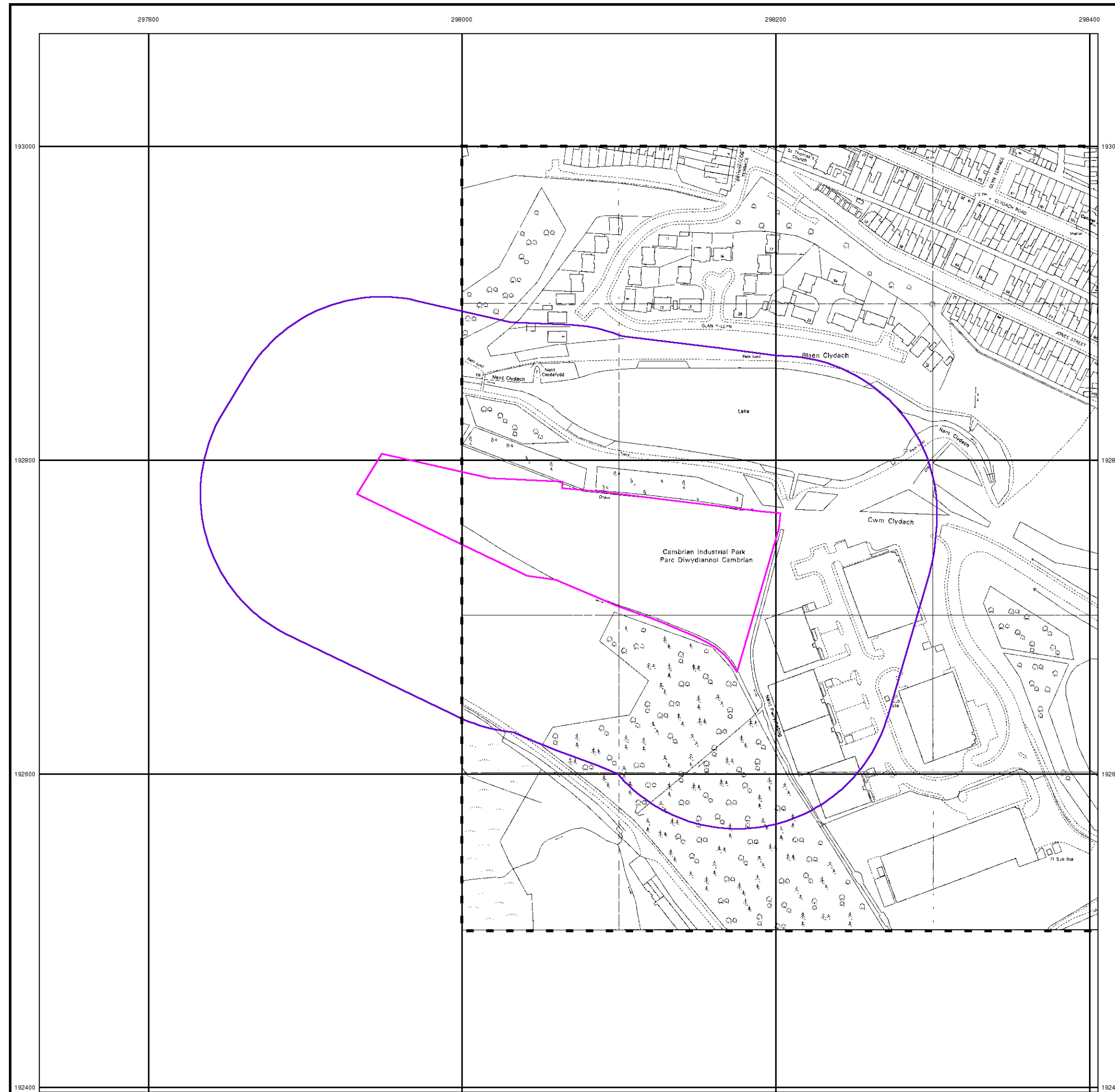
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 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
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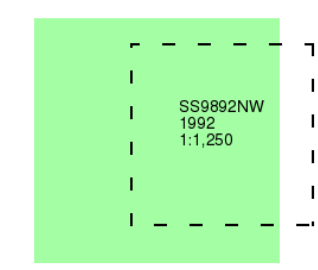
Ordnance Survey Plan

Published 1992

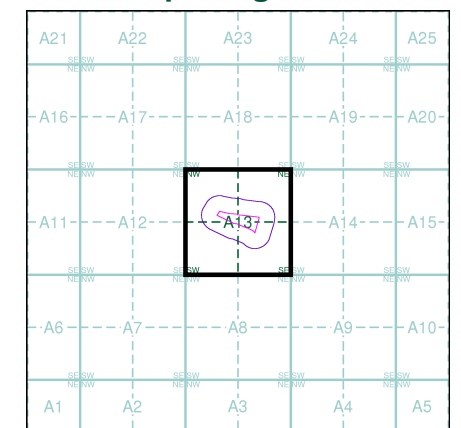
Source map scale - 1:1,250

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: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 100

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypany, CF40 2XX



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



Geotechnical & Geoenvironmental Specialists

Large-Scale National Grid Data

Published 1993

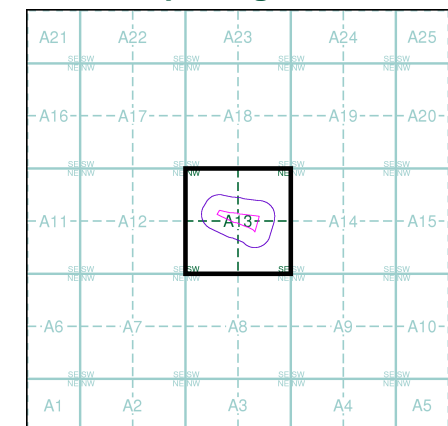
Source map scale - 1:1,250

'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)

BS9793SE	BS9893SW
1993	1993
1:1,250	1:1,250
BS9792NE	BS9892NW
1993	1993
1:1,250	1:1,250
BS9792SE	BS9892SW
1993	1993
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

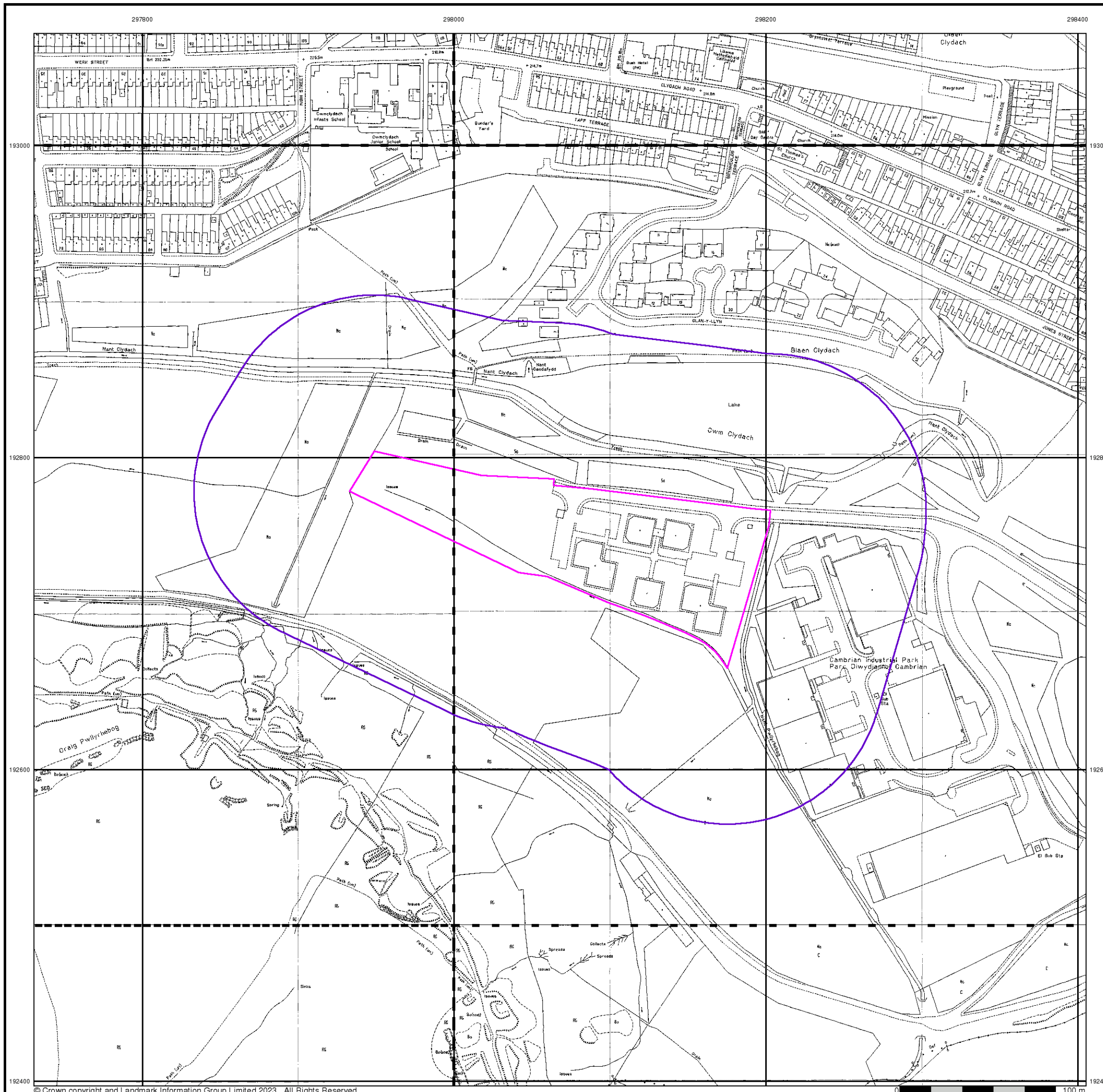
Order Number: 313707938_1_1
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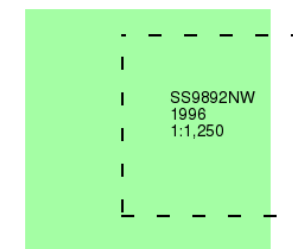
Large-Scale National Grid Data

Published 1996

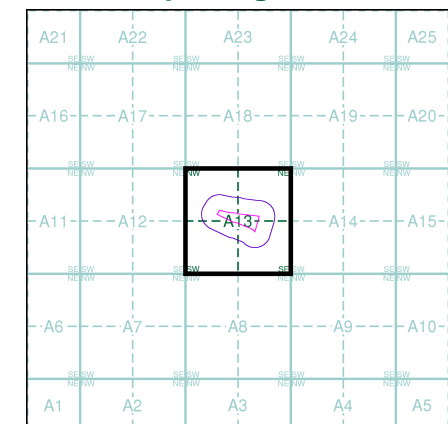
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

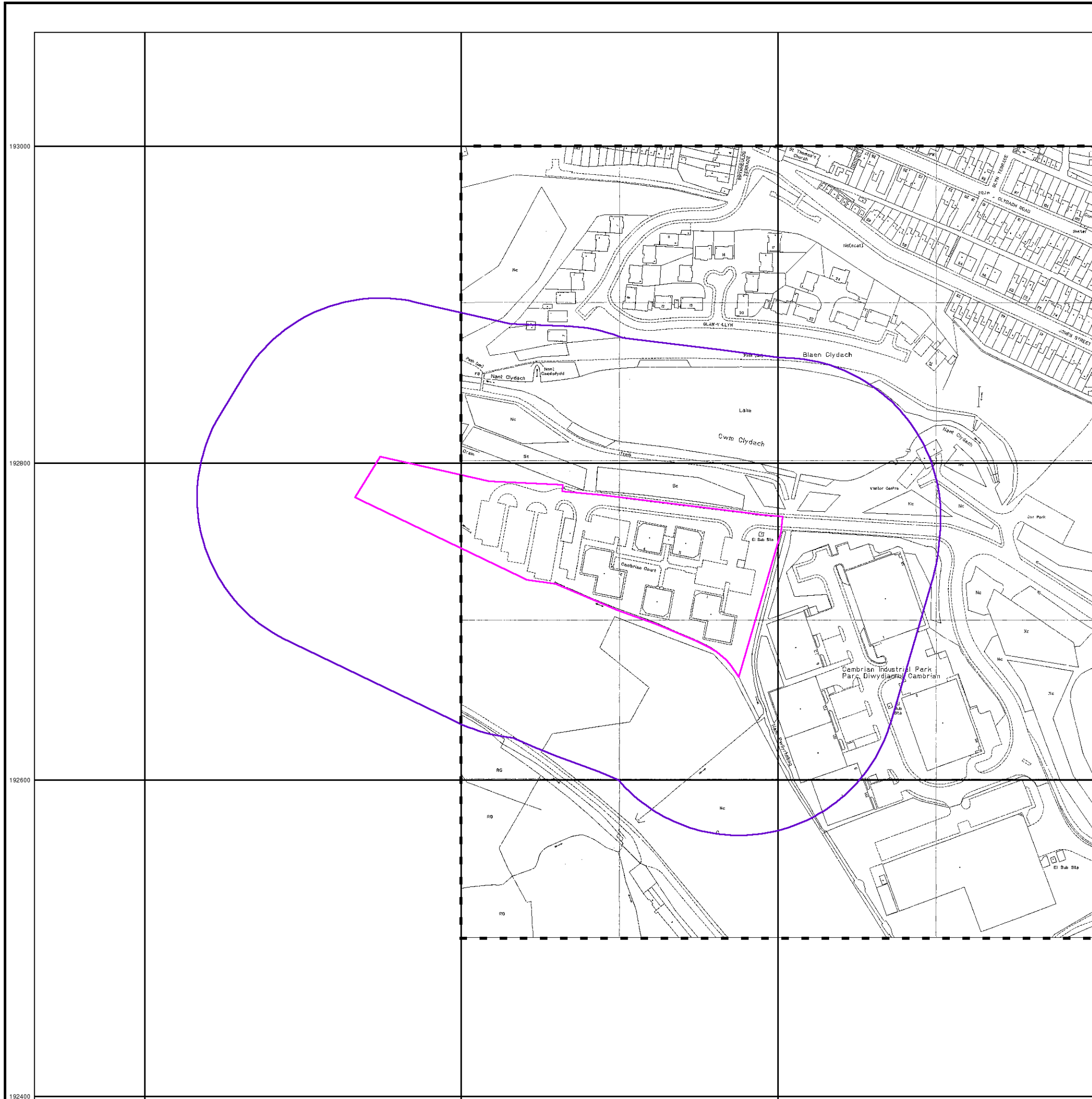
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297800

298000

298200

298400

193000

193000

192800

192800

192600

192600

192400

192400



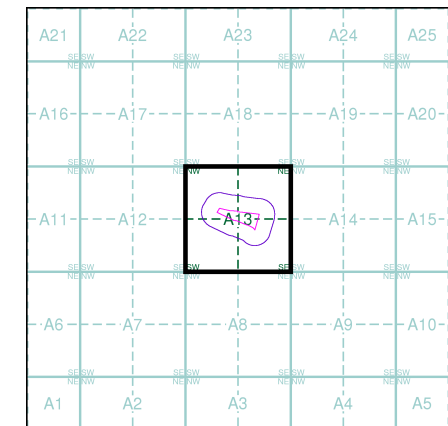
Geotechnical & Geoenvironmental Specialists

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

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry, **Gravel Pit**
Sand Pit, **Disused Pit or Quarry**
Refuse or Slag Heap, **Lake, Loch or Pond**
Dunes, **Boulders**
Coniferous Trees, **Non-Coniferous Trees**
Orchard, **Scrub**, **Coppice**
Bracken, **Heath**, **Rough Grassland**
Marsh, **Reeds**, **Saltings**
Building, **Glasshouse**
Sloping Masonry, **Pylon**, **Electricity Transmission Line**, **Pole**
Cutting, **Embankment**, **Standard Gauge Multiple Track**, **Standard Gauge Single Track**, **Siding, Tramway or Mineral Line**, **Narrow Gauge**
Geographical County, **Administrative County, County Borough or County of City**, **Municipal Borough, Urban or Rural District, Burgh or District Council**, **Borough, Burgh or County Constituency** (Shown only when not coincident with other boundaries), **Civil Parish** (Shown alternately when coincidence of boundaries occurs)
BP, BS Boundary Post or Stone, **Ch** Church, **CH** Club House, **F E Sta** Fire Engine Station, **FB** Foot Bridge, **Fn** Fountain, **GP** Guide Post, **MP** Mile Post, **MS** Mile Stone, **Pol Sta** Police Station, **PO** Post Office, **PC** Public Convenience, **PH** Public House, **SB** Signal Box, **Spr** Spring, **TCB** Telephone Call Box, **TCP** Telephone Call Post, **W** Well

1:10,000 Raster Mapping

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

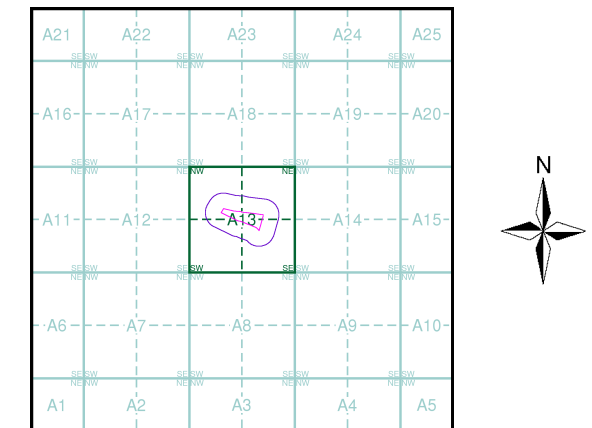


Geotechnical & Geoenvironmental Specialists

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Glamorganshire	1:10,560	1885	3
Glamorganshire	1:10,560	1900 - 1901	4
Glamorganshire	1:10,560	1921	5
Glamorganshire	1:10,560	1921	6
Glamorganshire	1:10,560	1938 - 1947	7
Historical Aerial Photography	1:10,560	1949	8
Glamorganshire	1:10,560	1952 - 1953	9
Ordnance Survey Plan	1:10,000	1965	10
Rhondda Cynon Taff	1:10,000	1978	11
Ordnance Survey Plan	1:10,000	1992	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2023	15

Historical Map - Slice A



Order Details

Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
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Site Details

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Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Fireproof Building

Prominent Fireproof Building

Non-fireproof Building

Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys

Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale

Hydroelectric Power Station

Radio Station, drawn to scale

Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry

Open-pit Salt Mine

Pit

Oil Deposit or Well

Oil Seepage

Tailings Pile

Fuel Storage Tanks

Natural Gas Tank

Bench Mark

Drill Hole

Burial Mound

Triangulation Point on Burial Mound

Fill

Cut

Small Bridge

Double-track Railroad and Station Building

Coniferous Forest

Deciduous Forest

Mixed Forest

Lawns

Citrus Orchard

Wet Ground

Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

$\frac{180}{12}$ $\frac{180}{12}$ Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Partly Demolished Buildings

Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant

Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building

Prominent Industrial Building

Individual Dwelling, Fireproof

Ruins of an Individual Dwelling

Factory or Mill Chimney

Factory or Mill with Chimney

Factory or Mill without Chimney

Mine or Open Pit Mine

Operating Shaft or Mine

Non-Operating Shaft or Mine

Salt Mine

Tailings Pile

Pit

Stone Quarry

Gas Pump or Service Station

Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick

Small Hydroelectric Power Station

Power Station

Transformer Station

Cemetery

Burial Mound (height in metres)

Triangulation Point on Burial Mound

Triangulation Point

Bench Mark

Bench Mark (monumented)

Telegraph Office

Telephone Station

Radio Station

Radio Tower

Airfield or Seaplane Base

Landing Strip

Cut

Fill

Km Post

Plantings

Telegraph/Telephone Lines

Main Highway

Highway under Construction

Improved Dirt Road (former truck road)

Steep Grade

Width of Road

Small Bridge

Pipe (Culvert)

Tunnel

Dismantled Railroad

Double-track Railroad with First Class Station

Railroad Under Construction

Shore Embankment

River or Ditch with Embankment

Direction and velocity of current

Water Gauge

Water Level Mark

Well

Water Reservoir or Rain Water Pit

Spring

Isobath with value

Heavy (Index) Contour Line

Contour Line and Value

Half Contour Line

Spot Elevation Value

Coniferous

Deciduous

Mixed

Scrub

Key to Numbers on Mapping

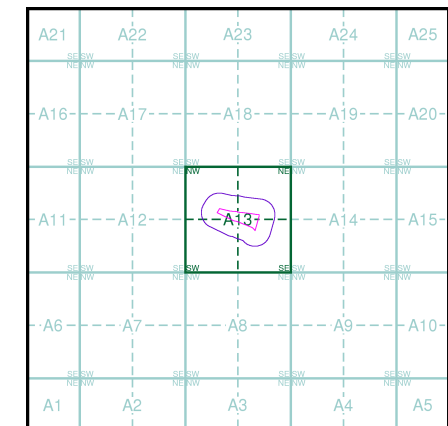


Geotechnical & Geoenvironmental Specialists

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Glamorganshire	1:10,560	1921	5
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10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2023	15

Russian Map - Slice A



Order Details

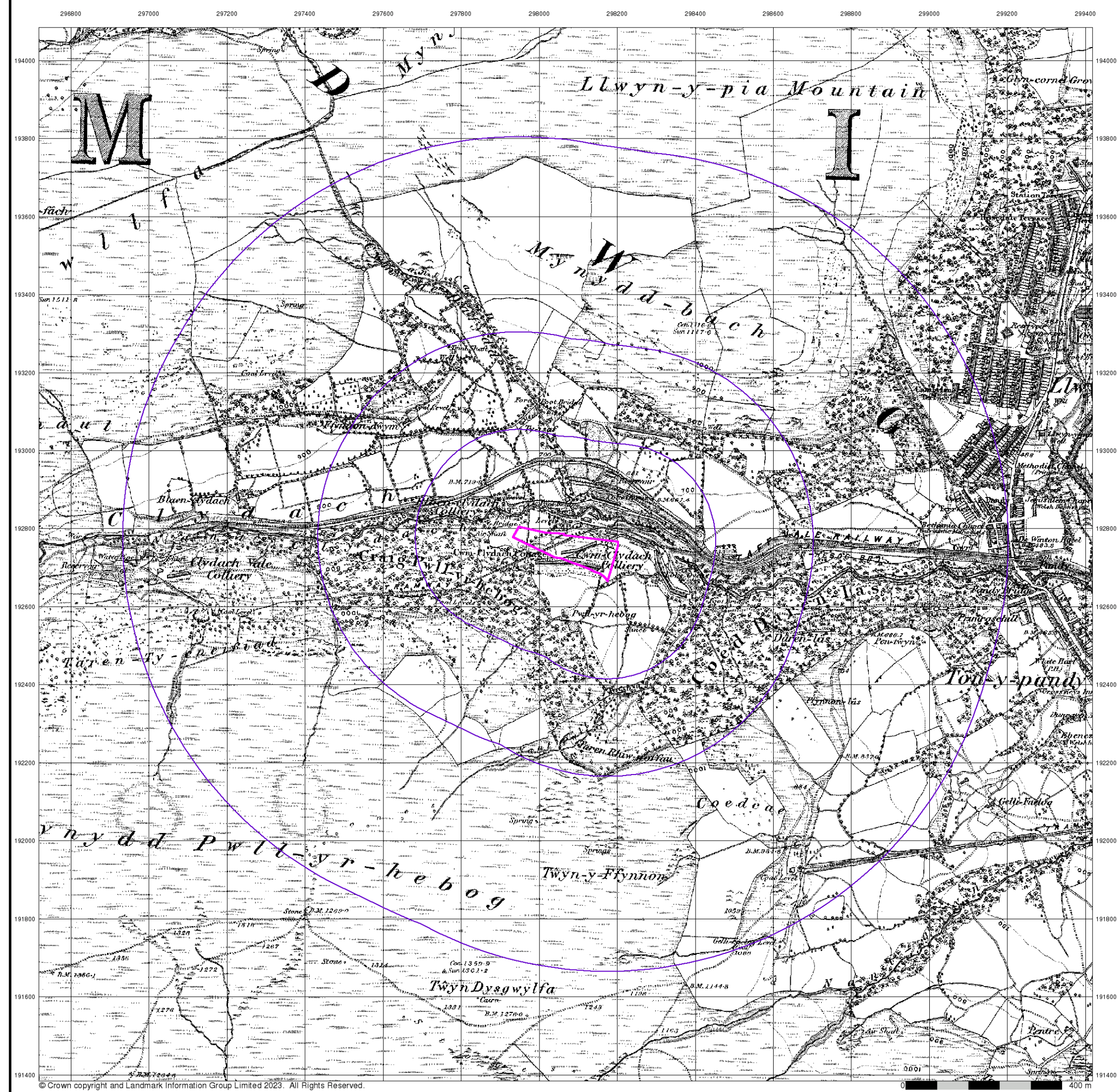
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc, Cambrian Court Business Pavilion, Clydach, Tonypandy, CF40 2XX



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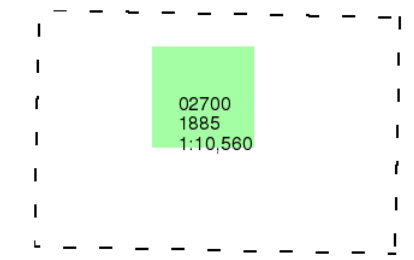
Glamorganshire

Published 1885

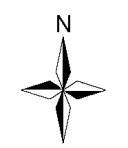
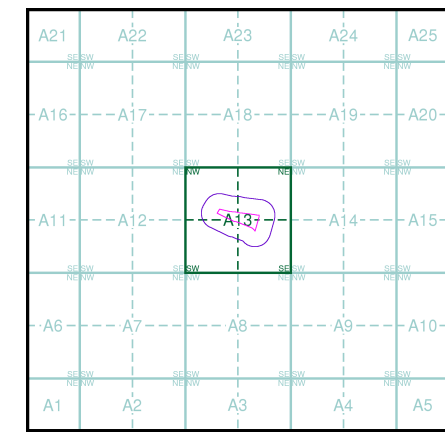
Source map scale - 1:10,560

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

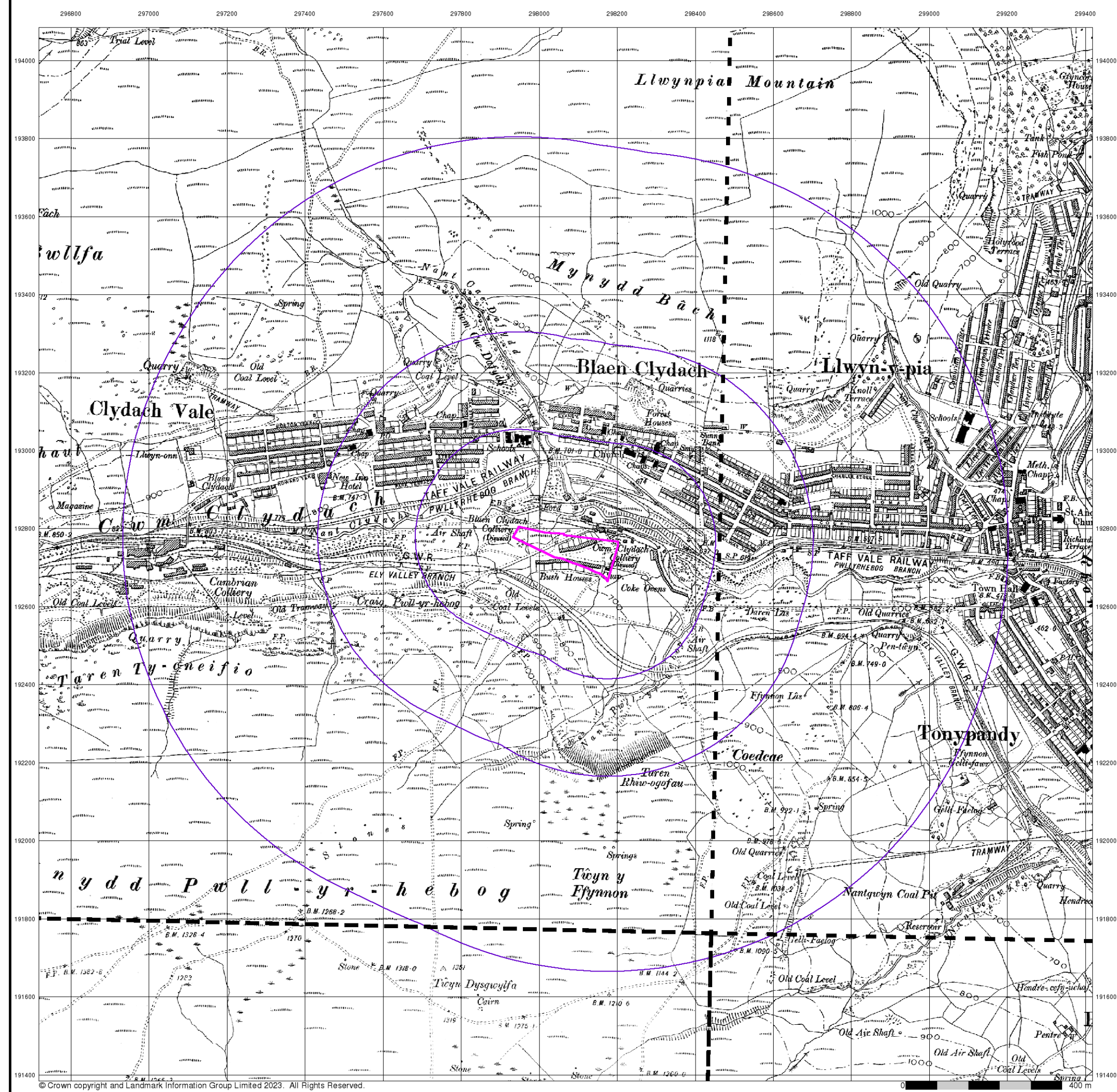
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Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1900 - 1901

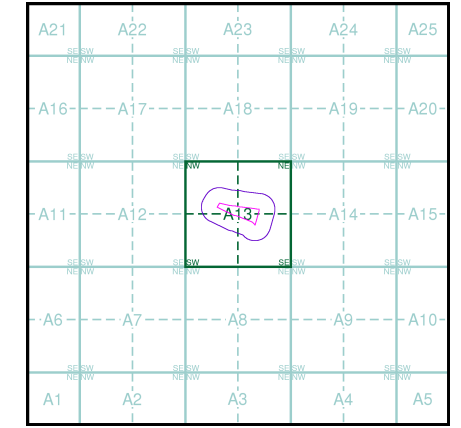
Source map scale - 1:10,560

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)

027NW 1900 1:10,560	027NE 1901 1:10,560
027SW 1900 1:10,560	027SE 1900 1:10,560

Historical Map - Slice A



Order Details

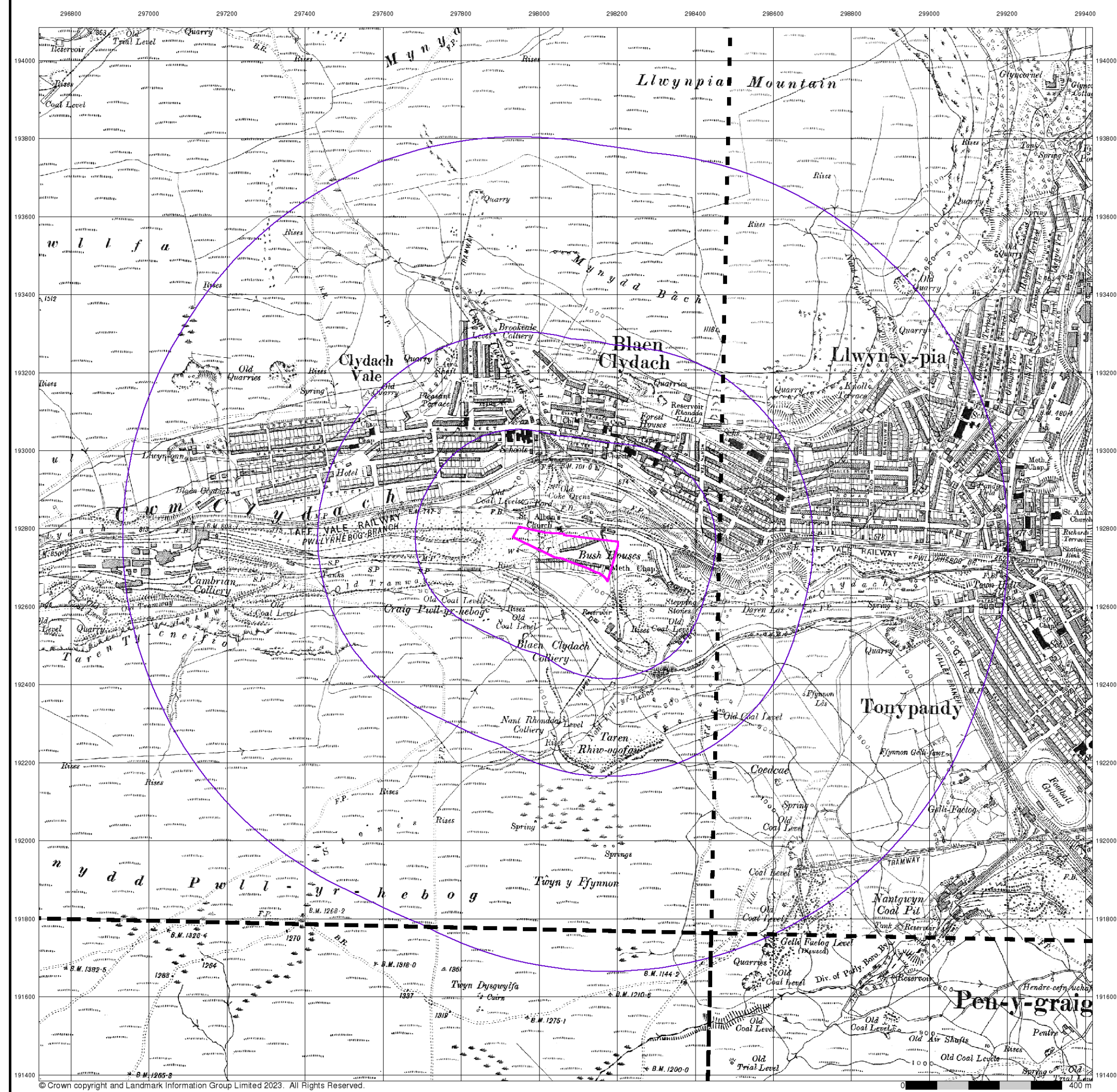
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
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Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1921

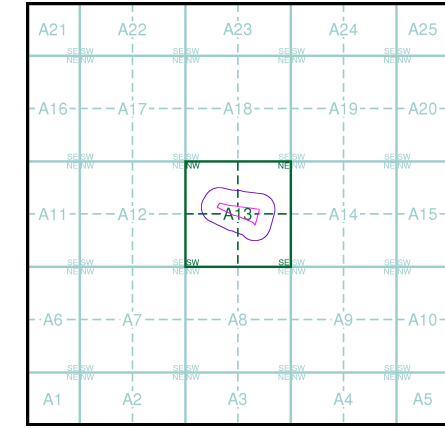
Source map scale - 1:10,560

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)

027NW 1921 1:10,560	027NE 1921 1:10,560
027SW 1921 1:10,560	027SE 1921 1:10,560

Historical Map - Slice A



Order Details

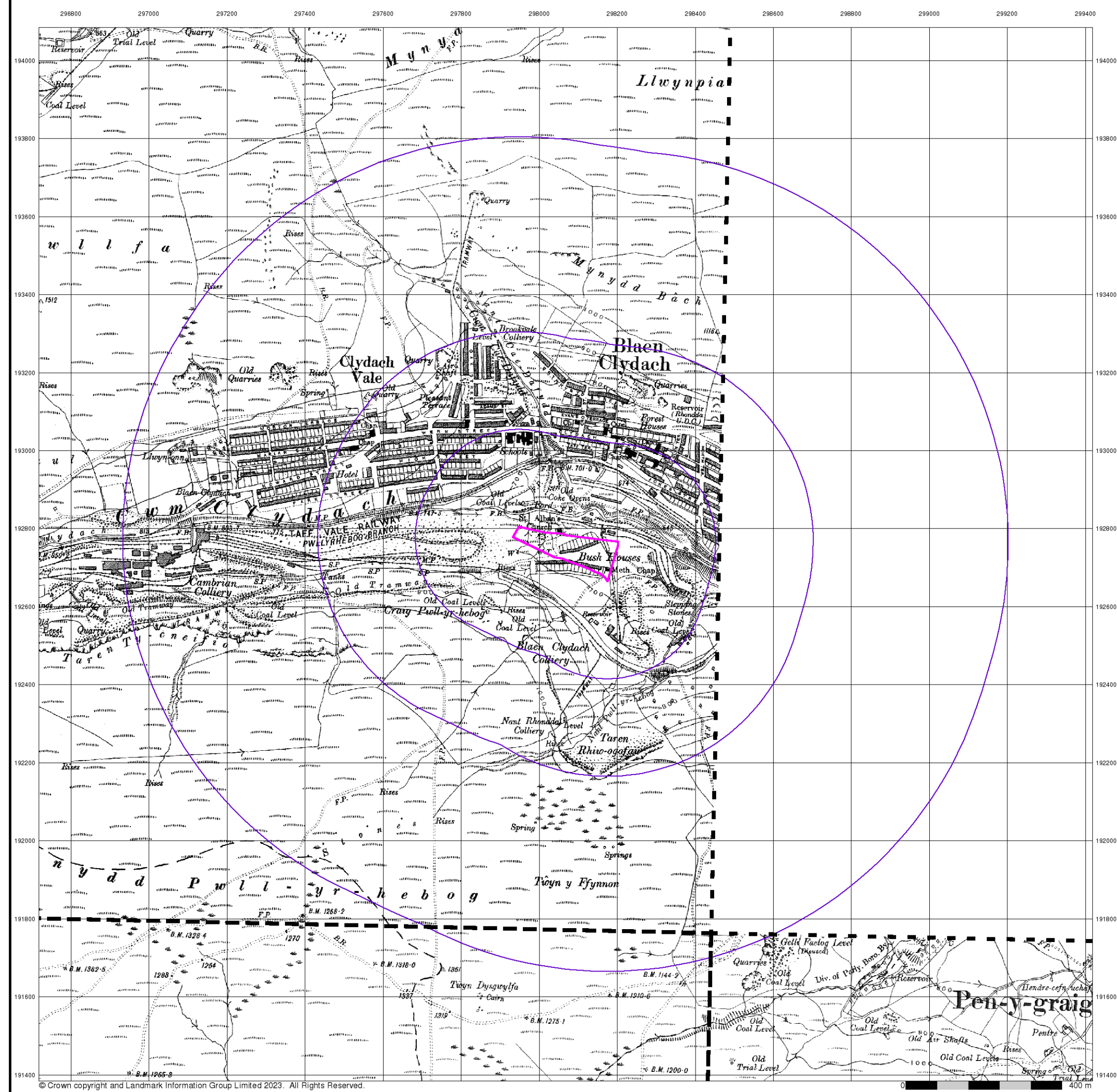
Order Number: 313707938_1_1
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Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1921

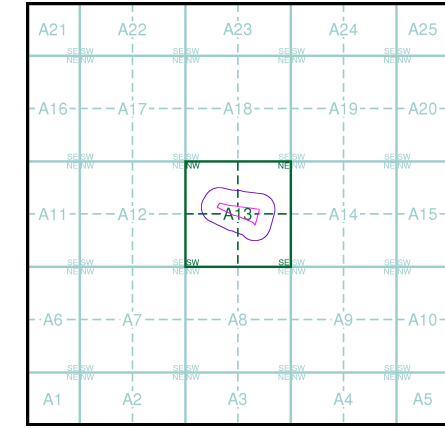
Source map scale - 1:10,560

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)

027NW 1921 1:10,560		027SE 1921 1:10,560
027SW 1921 1:10,560		

Historical Map - Slice A



Order Details

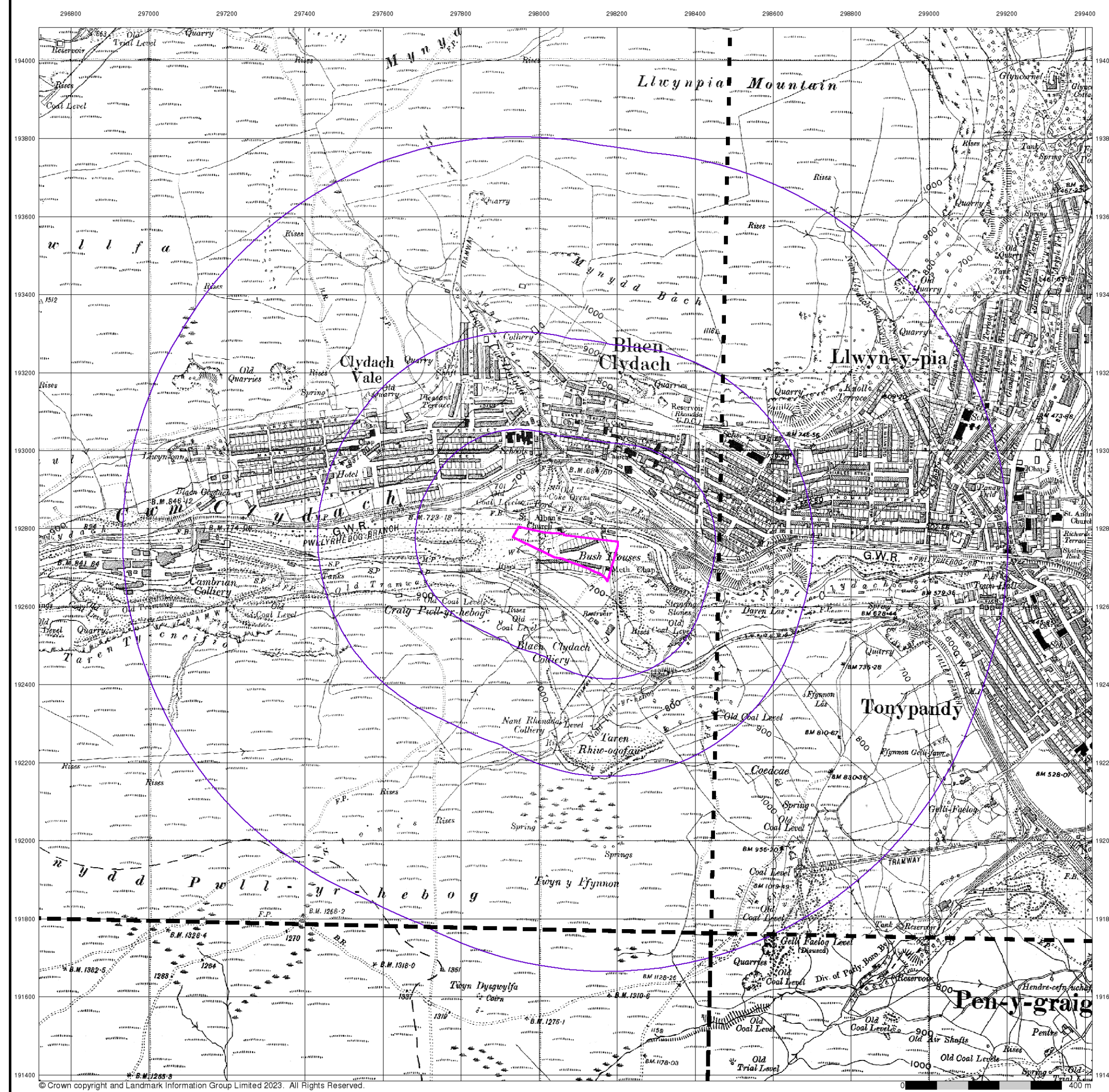
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Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1938 - 1947

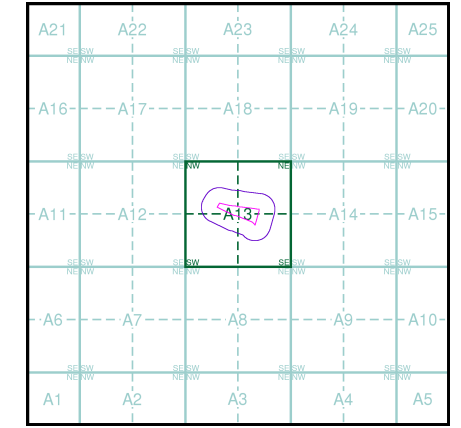
Source map scale - 1:10,560

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Map Name(s) and Date(s)

027NW 1938 1:10,560	027NE 1947 1:10,560
027SW 1938 1:10,560	027SE 1947 1:10,560

Historical Map - Slice A



Order Details

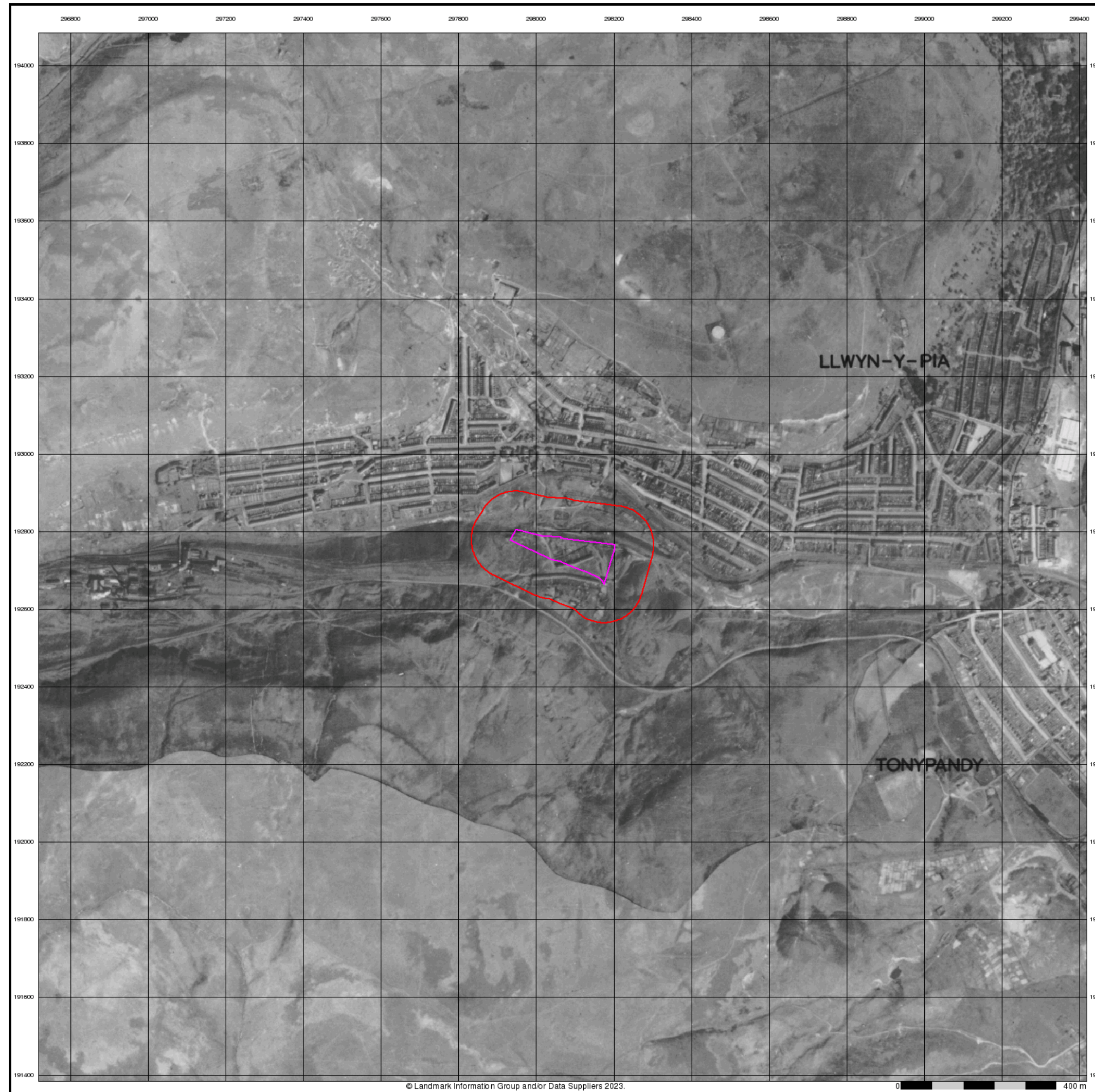
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypandy, CF40 2XX



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

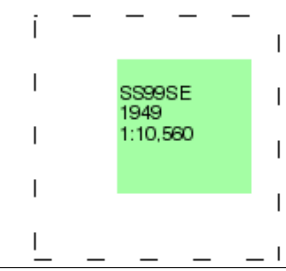


Geotechnical & Geoenvironmental Specialists
Historical Aerial Photography
Published 1949
Source map scale - 1:10,560

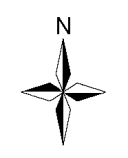
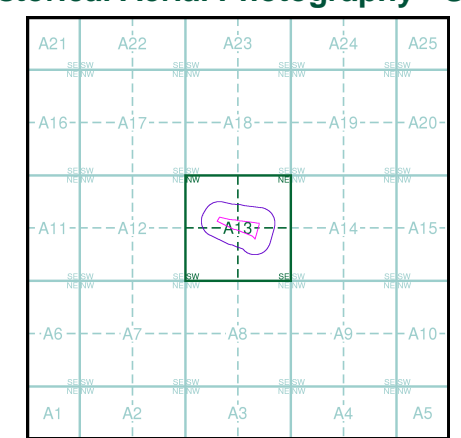
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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

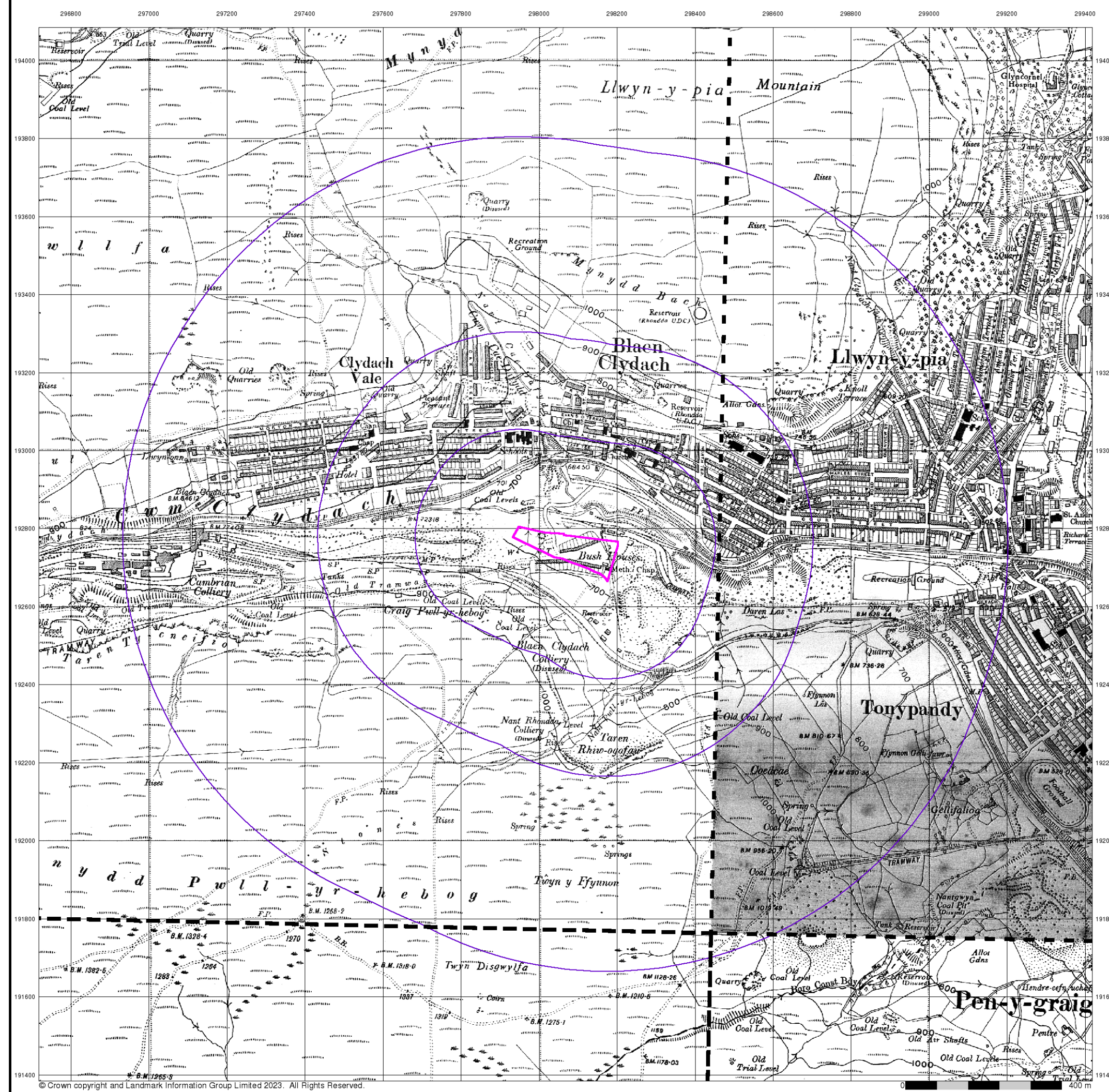
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details

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Geotechnical & Geoenvironmental Specialists

Glamorganshire

Published 1952 - 1953

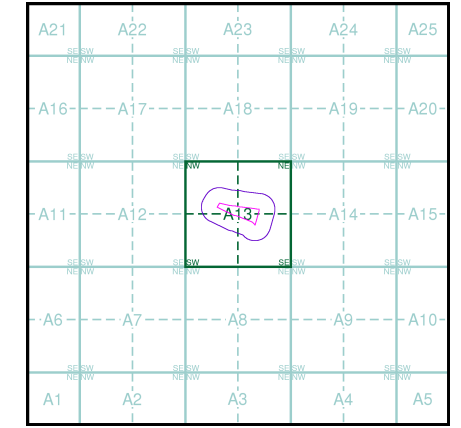
Source map scale - 1:10,560

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.

Map Name(s) and Date(s)

027NW 1952 1:10,560	027NE 1952 1:10,560
027SW 1952 1:10,560	027SE 1953 1:10,560

Historical Map - Slice A



Order Details

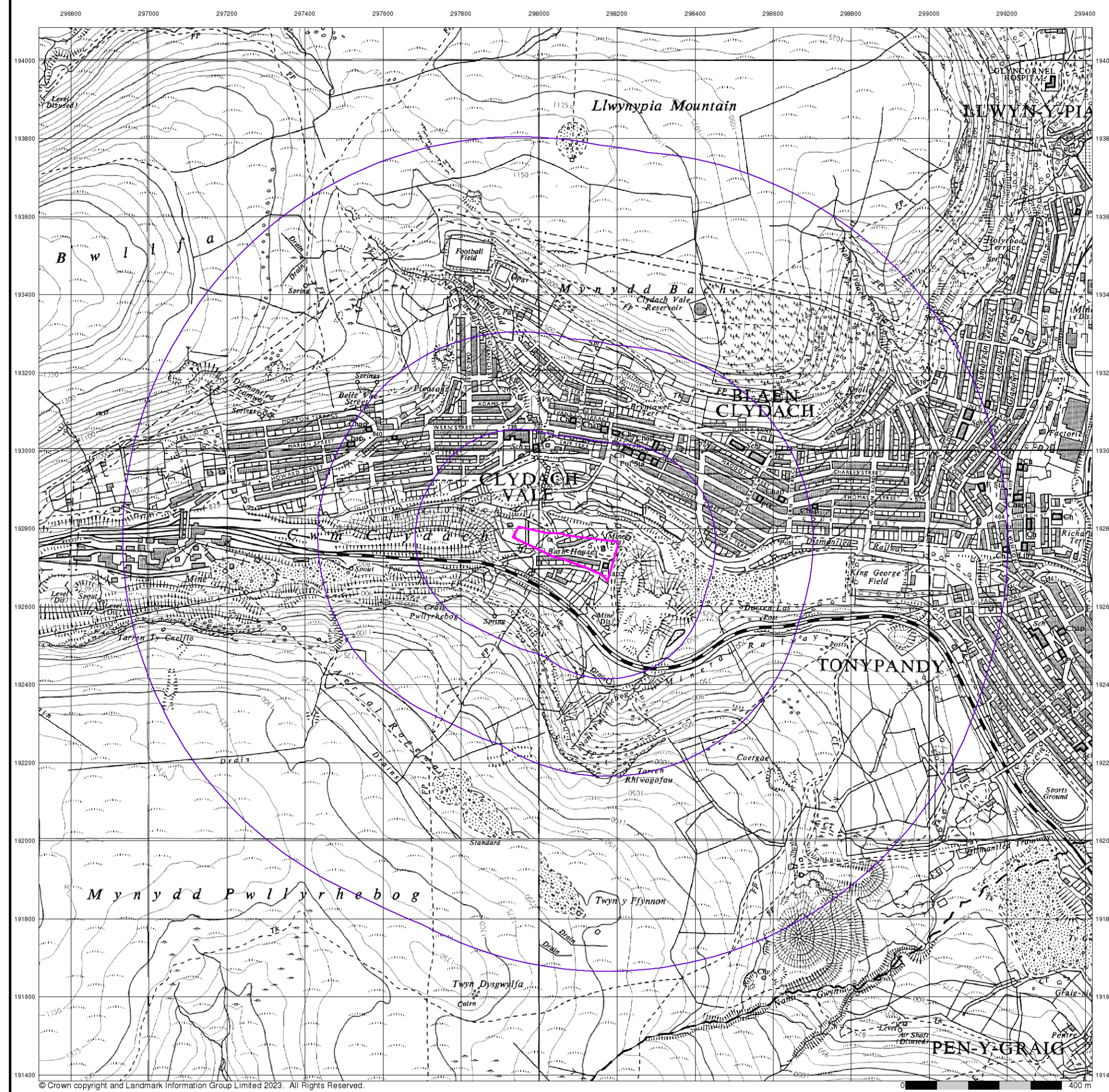
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 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
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 Site Area (Ha): 1.61
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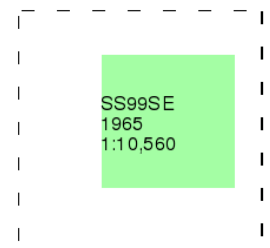
Ordnance Survey Plan

Published 1965

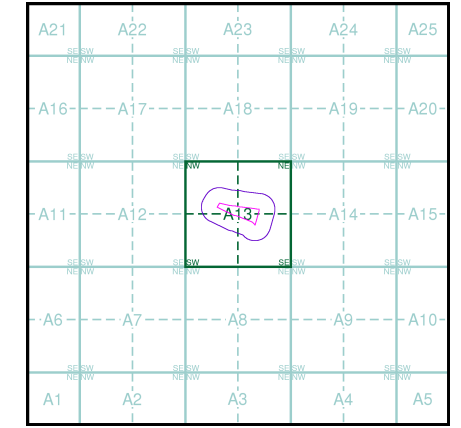
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

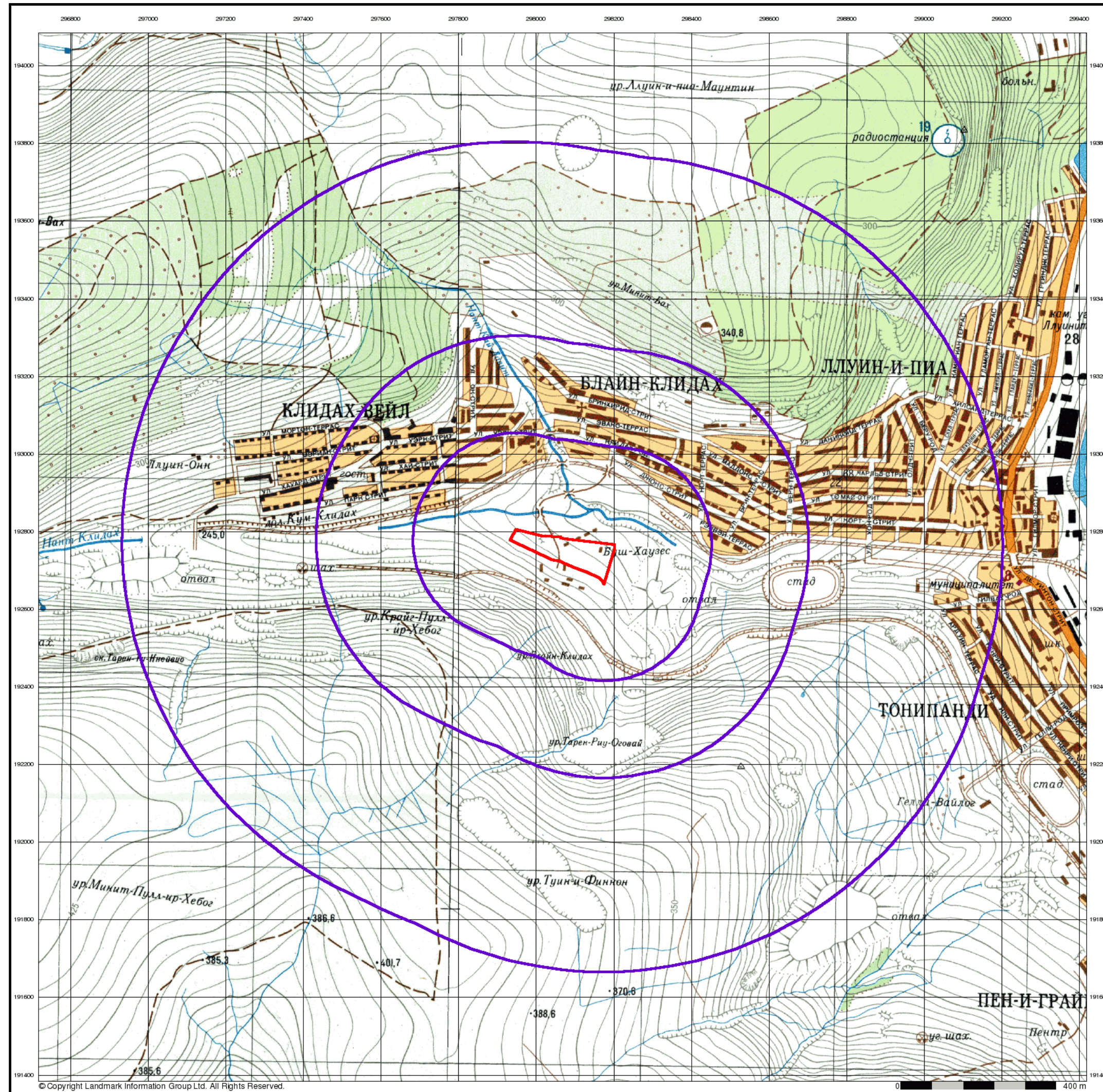
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypandy, CF40 2XX



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Geotechnical & Geoenvironmental Specialists

Rhondda Cynon Taff

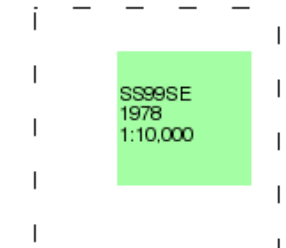
Published 1978

Source map scale - 1:10,000

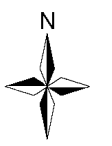
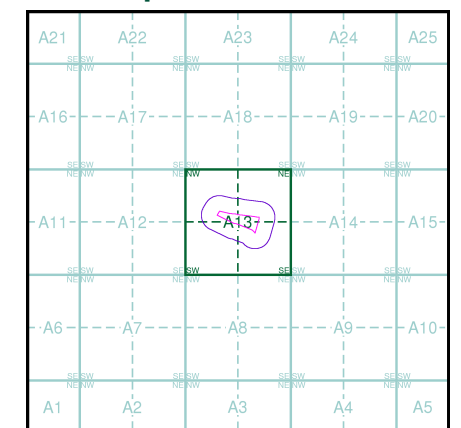
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A



Order Details

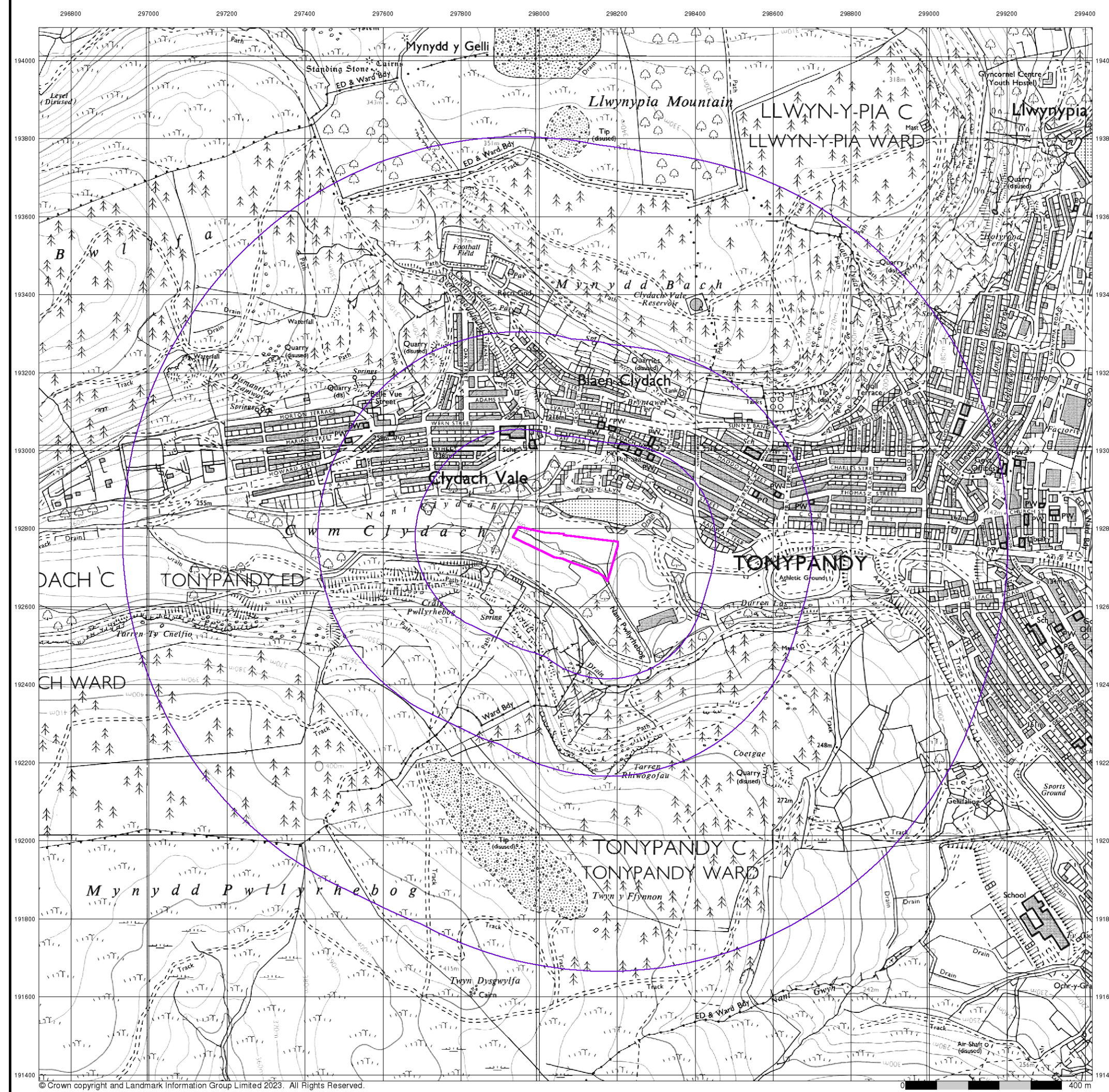
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 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details

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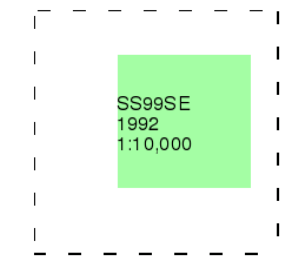
Ordnance Survey Plan

Published 1992

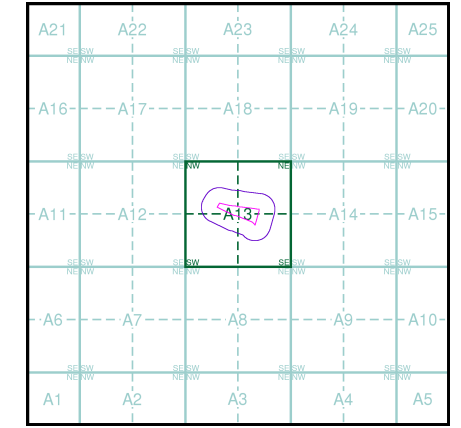
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

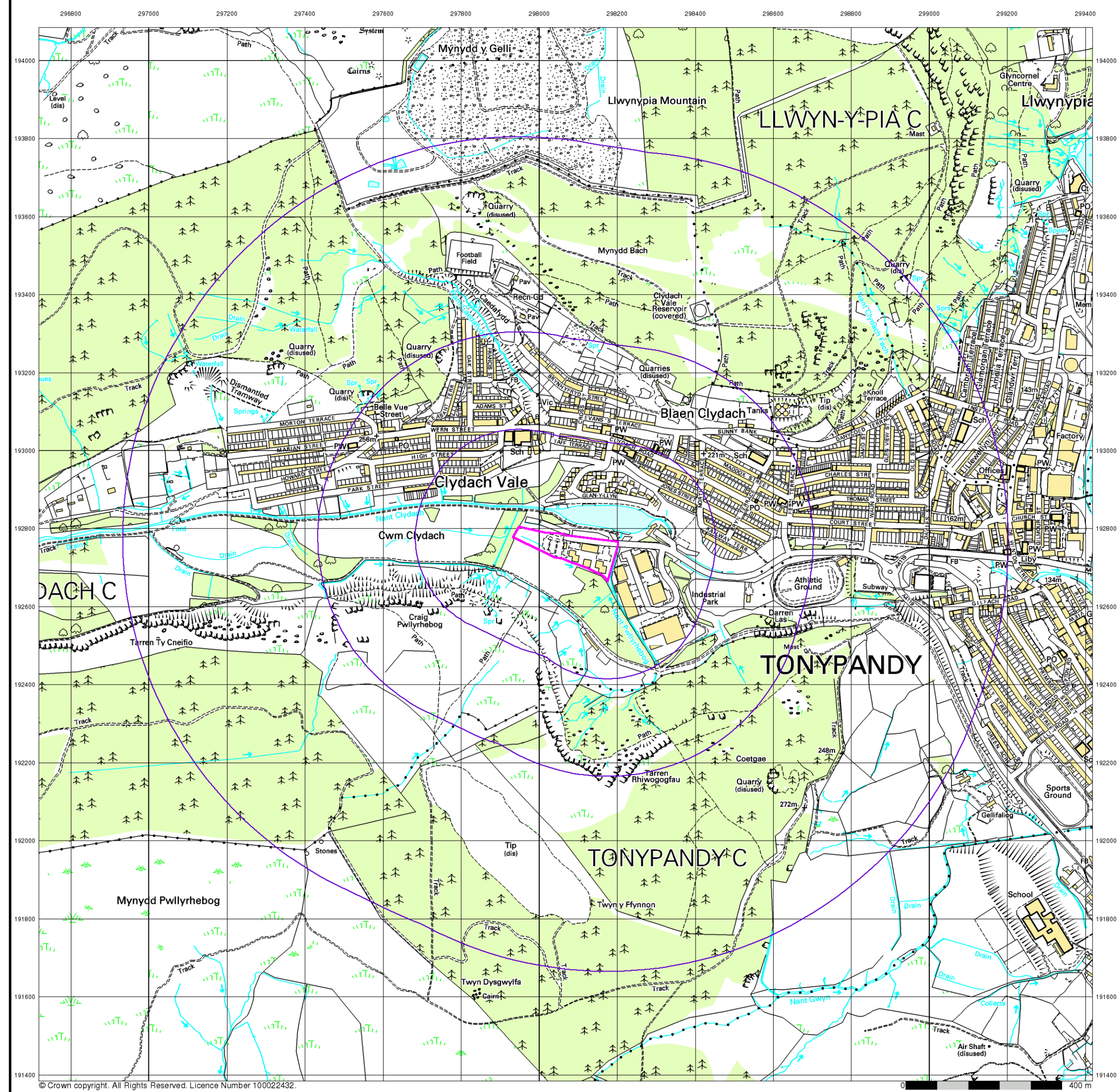
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 National Grid Reference: 298080, 192750
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 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypandy, CF40 2XX



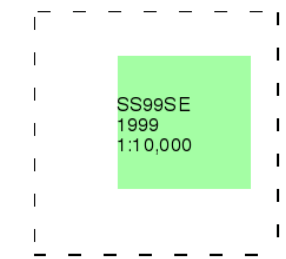
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



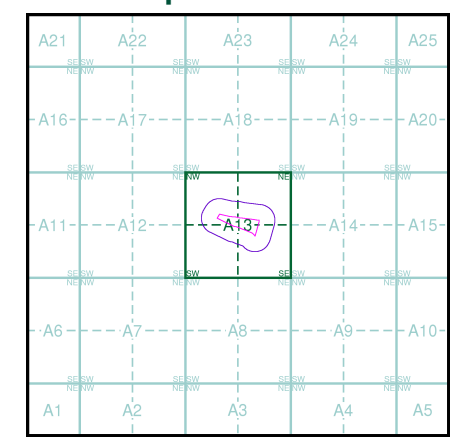
Geotechnical & Geoenvironmental Specialists
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

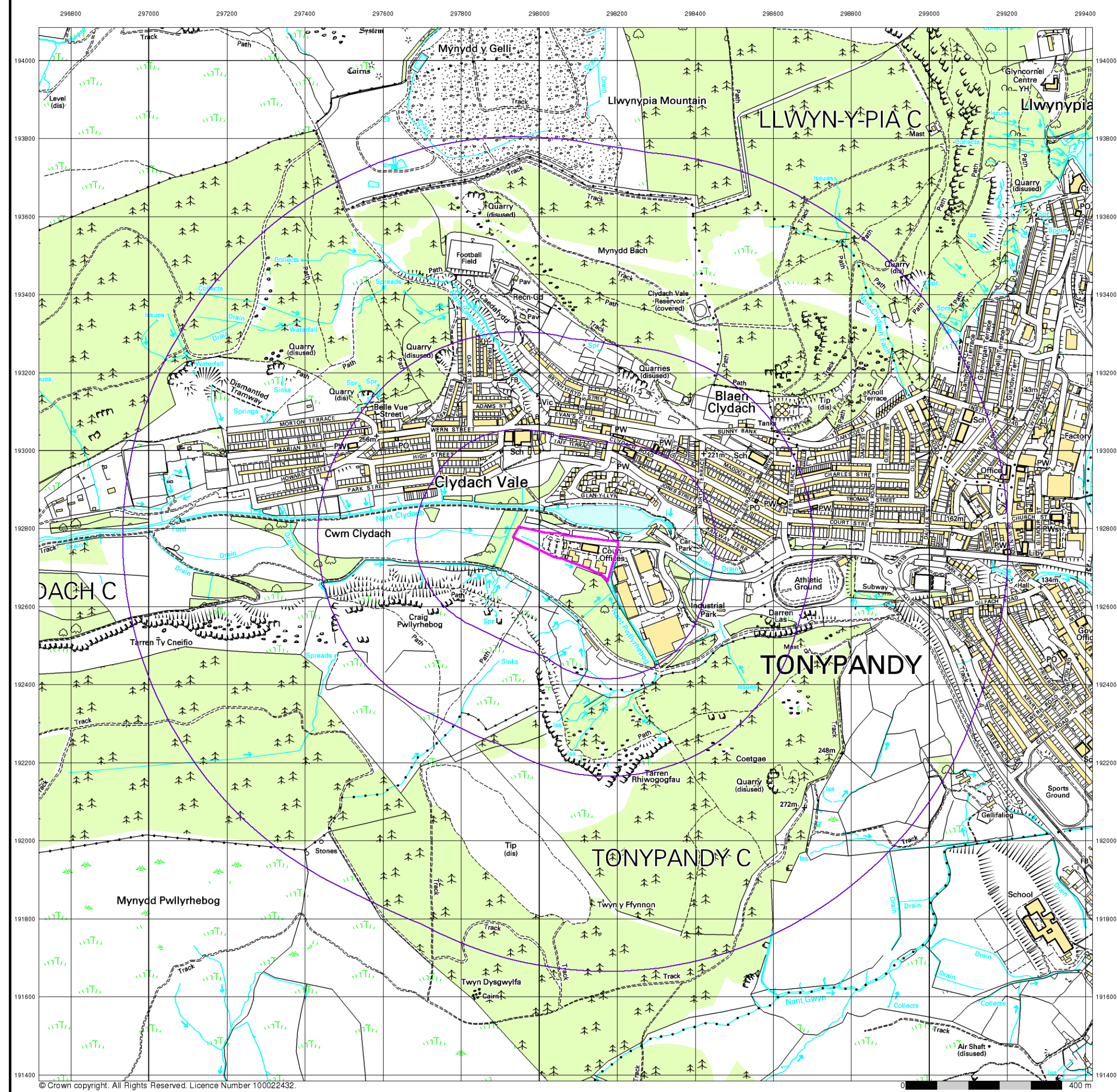
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
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Geotechnical & Geoenvironmental Specialists

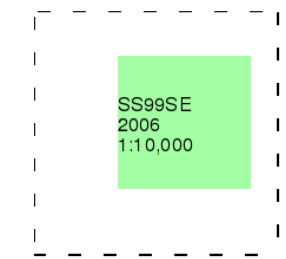
10k Raster Mapping

Published 2006

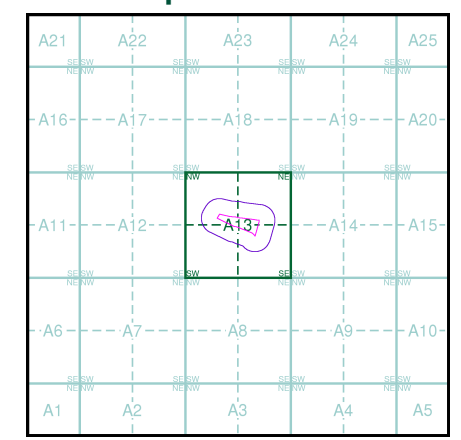
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

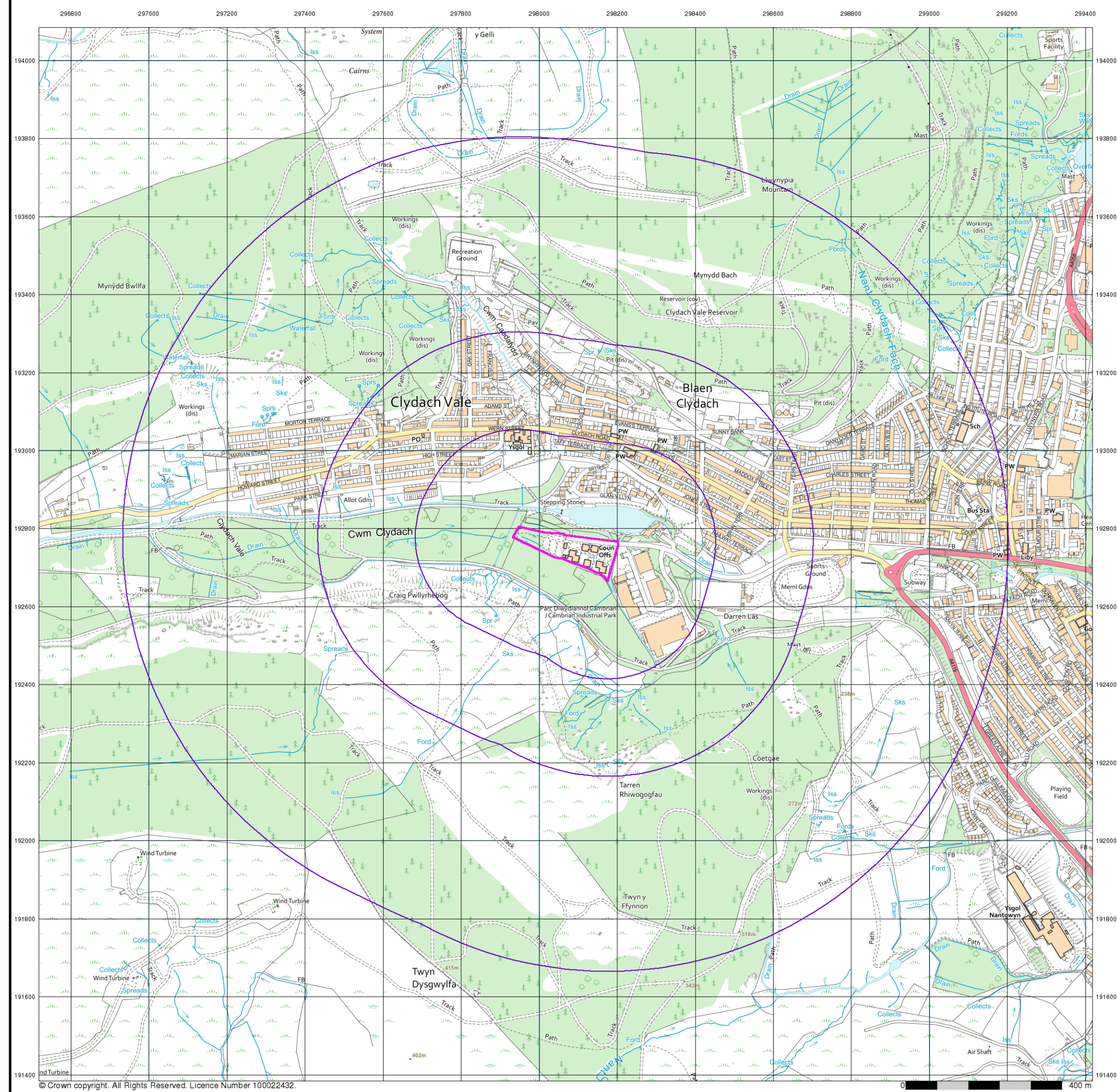
Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
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 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
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Geotechnical & Geoenvironmental Specialists

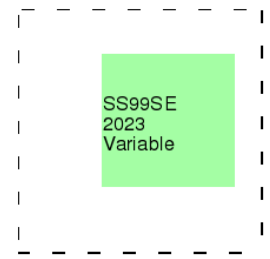
VectorMap Local

Published 2023

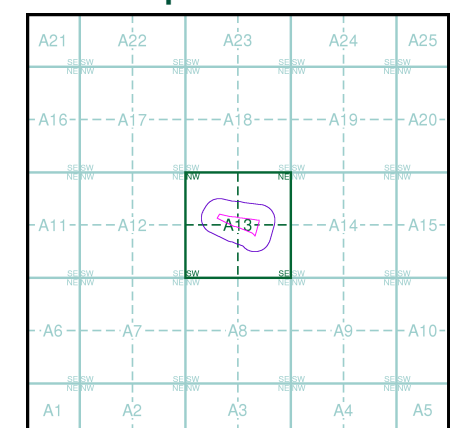
Source map scale - 1:10,000

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



Order Details

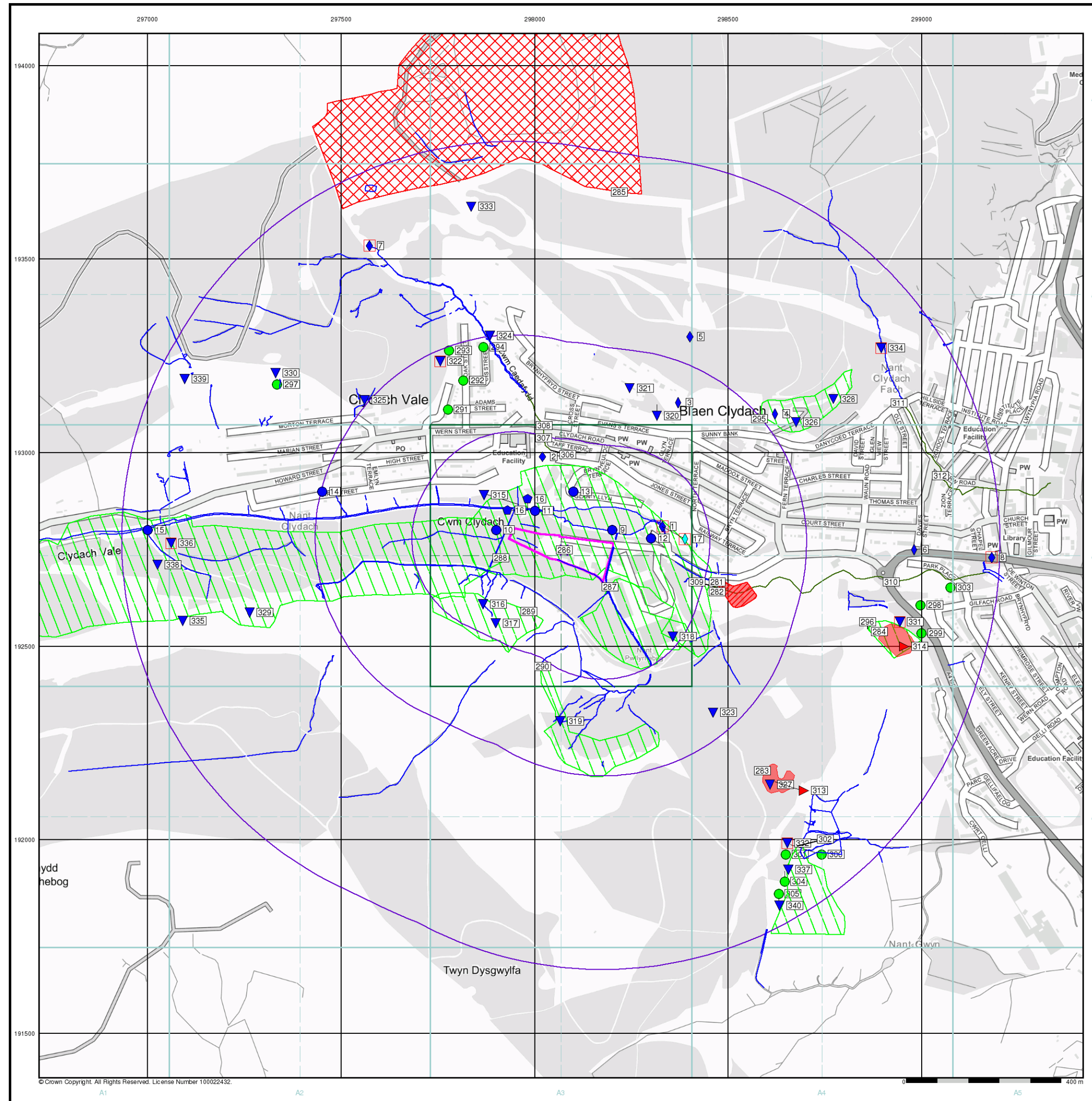
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 National Grid Reference: 298080, 192750
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 Search Buffer (m): 1000

Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
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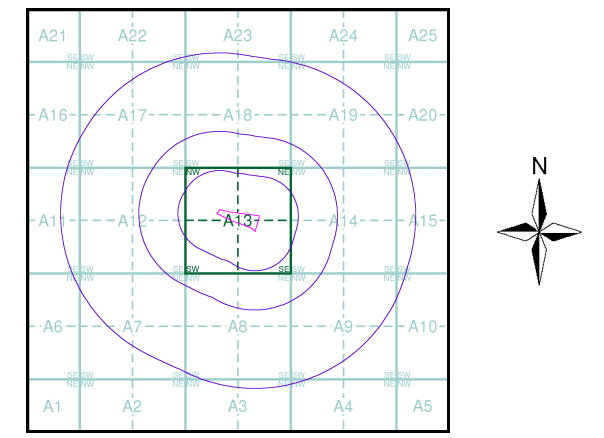


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement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

Site Sensitivity Map - Slice A



Order Details

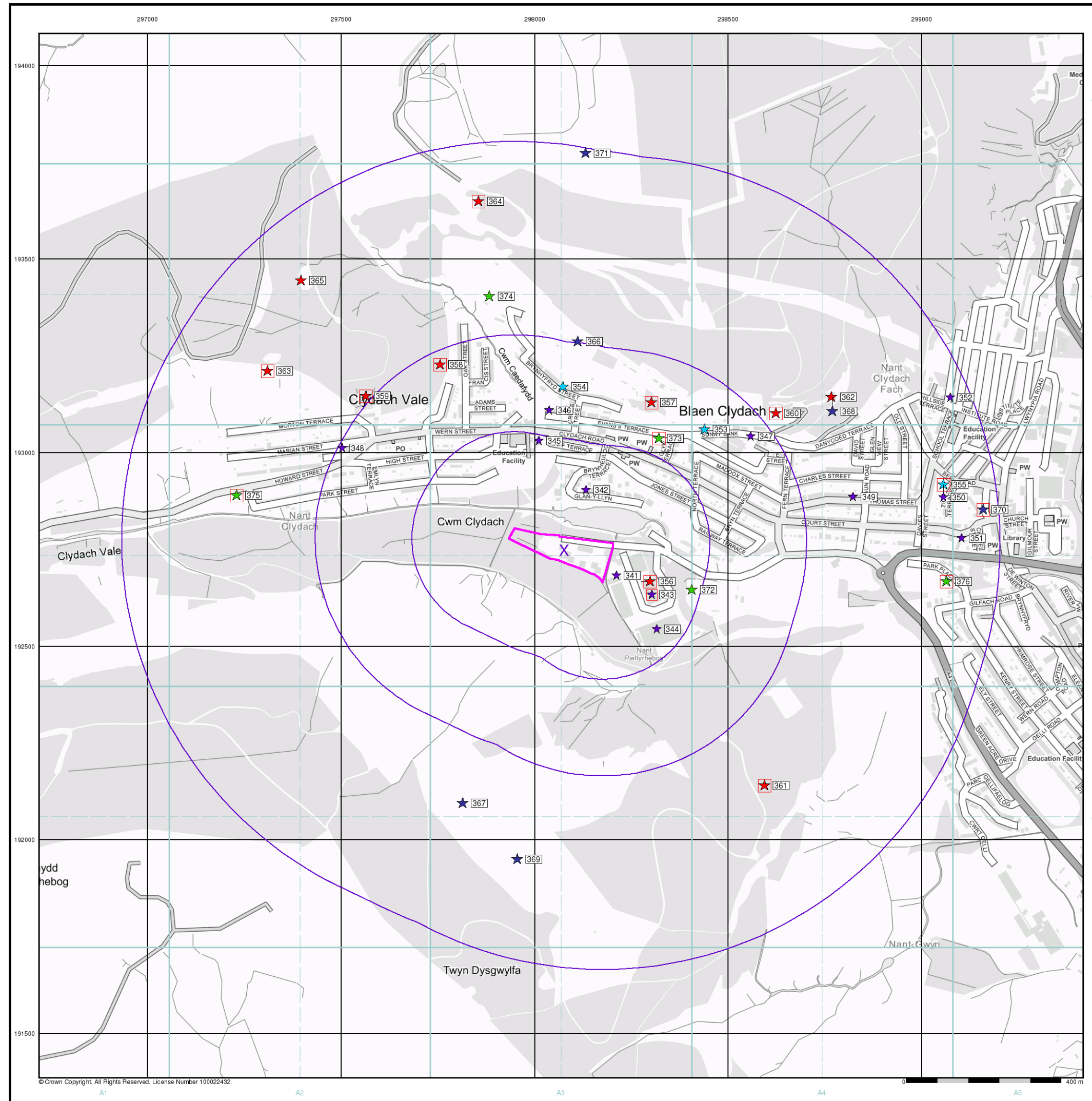
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 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
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Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypany, CF40 2XX

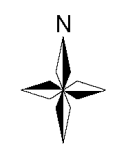
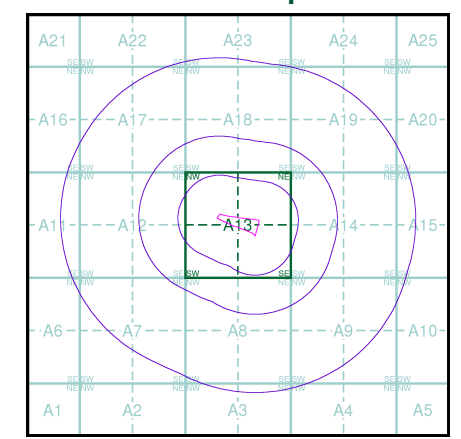
Landmark
 INFORMATION GROUP

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



- General**
-  Specified Site
 -  Specified Buffer(s)
 -  Bearing Reference Point
 -  Slice
 -  Map ID
- Industrial Land Use**
-  Contemporary Trade Directory Entry
 -  Fuel Station Entry
 -  Gas Pipeline
 -  Points of Interest - Commercial Services
 -  Points of Interest - Education and Health
 -  Points of Interest - Manufacturing and Production
 -  Points of Interest - Public Infrastructure
 -  Points of Interest - Recreational and Environmental
 -  Underground Electrical Cables

Industrial Land Use Map - Slice A






Order Details

Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000






Site Details

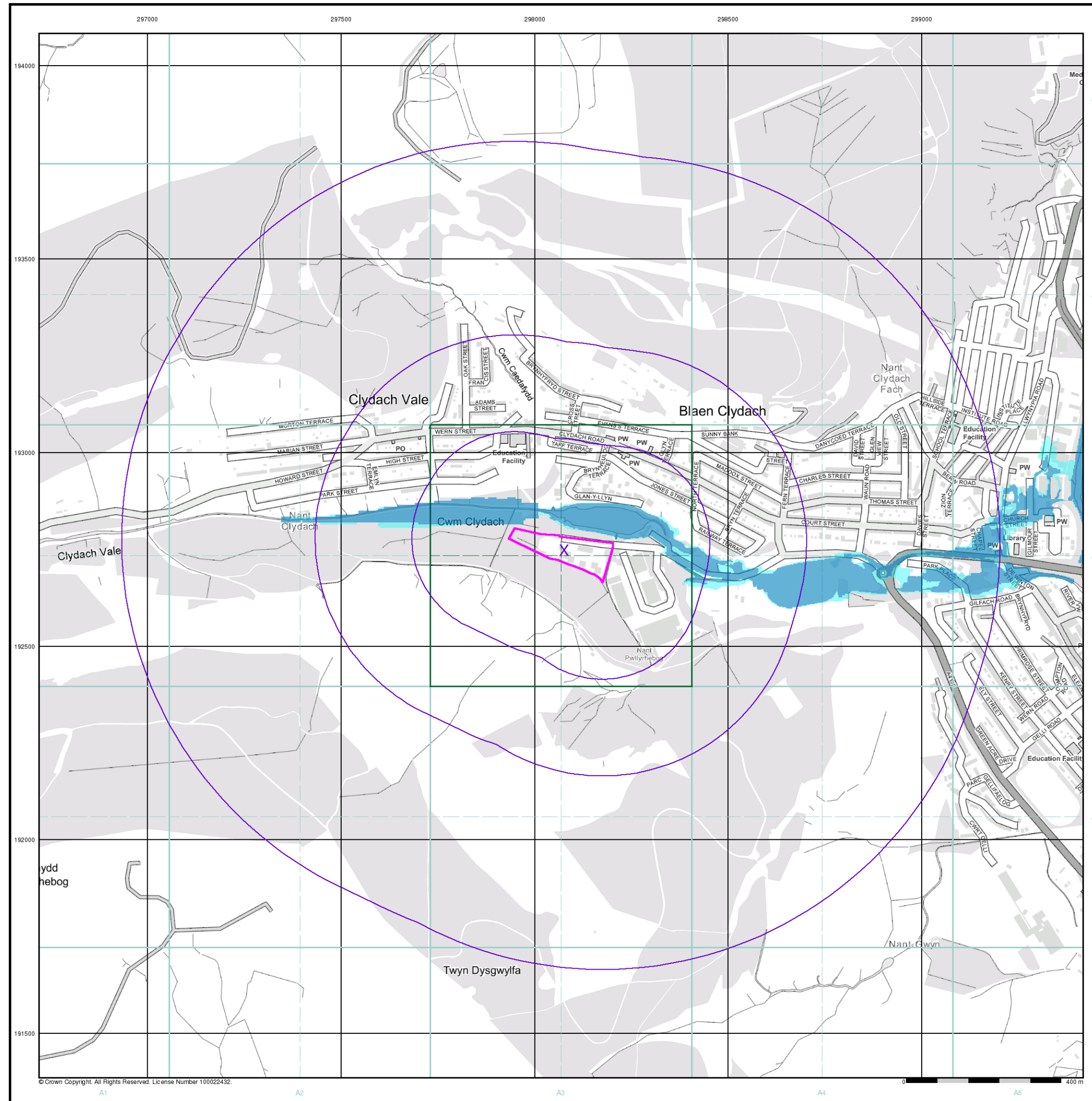
Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypany, CF40 2XX

General

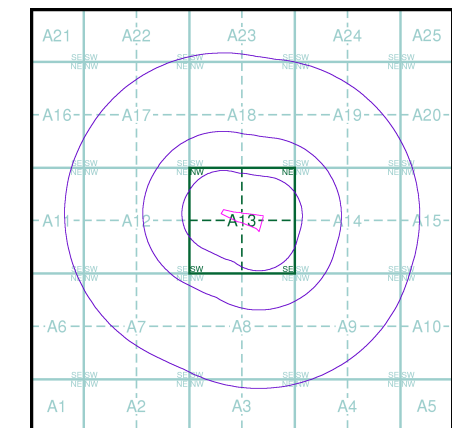
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Agency and Hydrological (Flood)

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



Flood Map - Slice A








Order Details

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 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
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
Site Details

Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypany, CF40 2XX

General

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

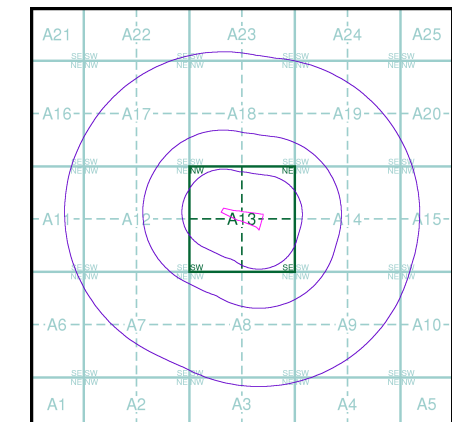
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

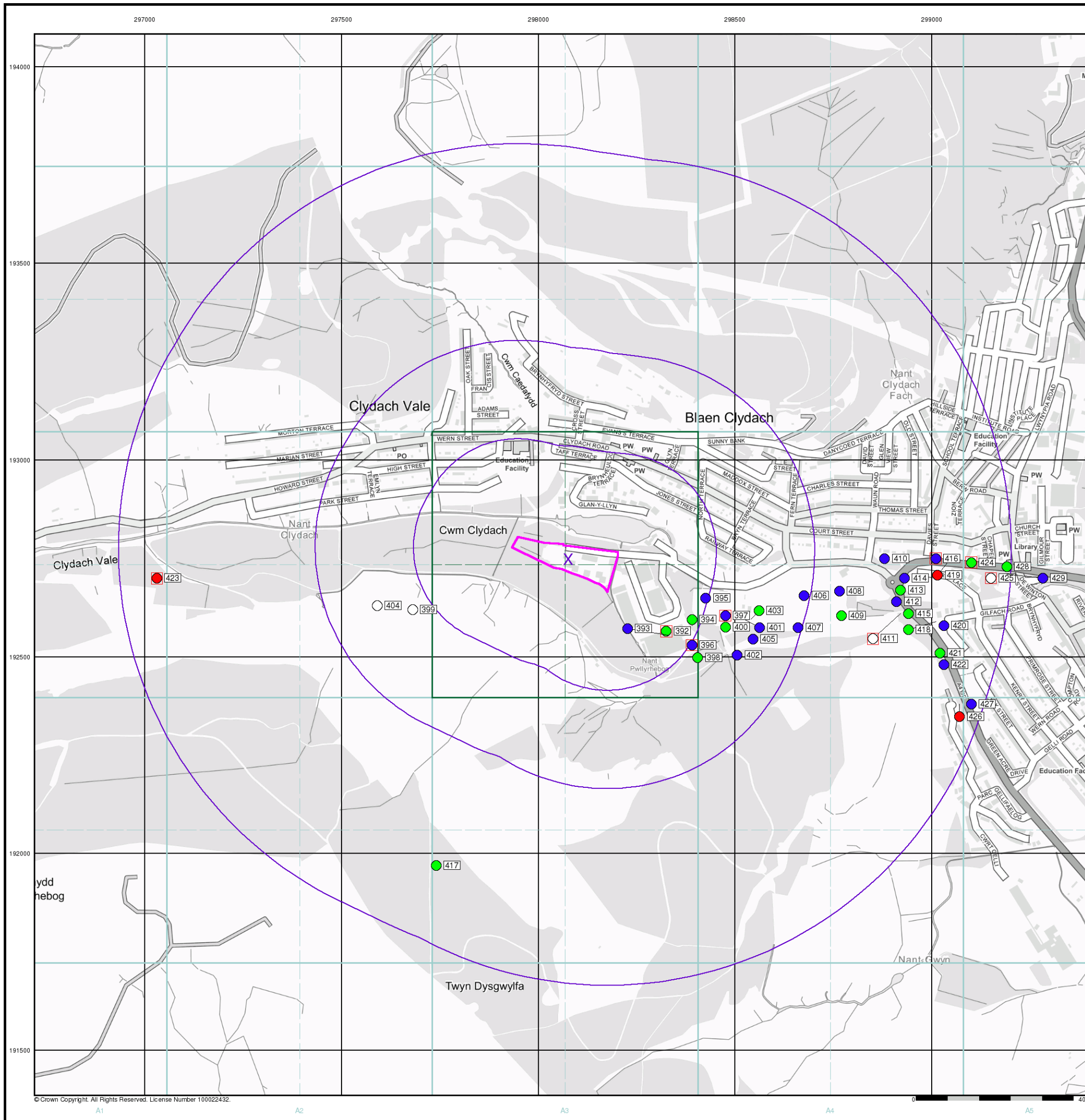


Order Details




Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details










Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypany, CF40 2XX




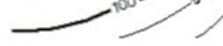


General

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

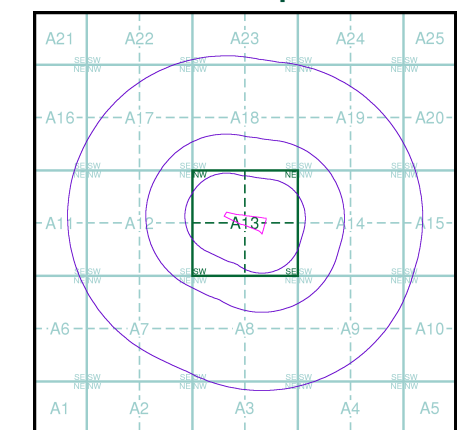
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A

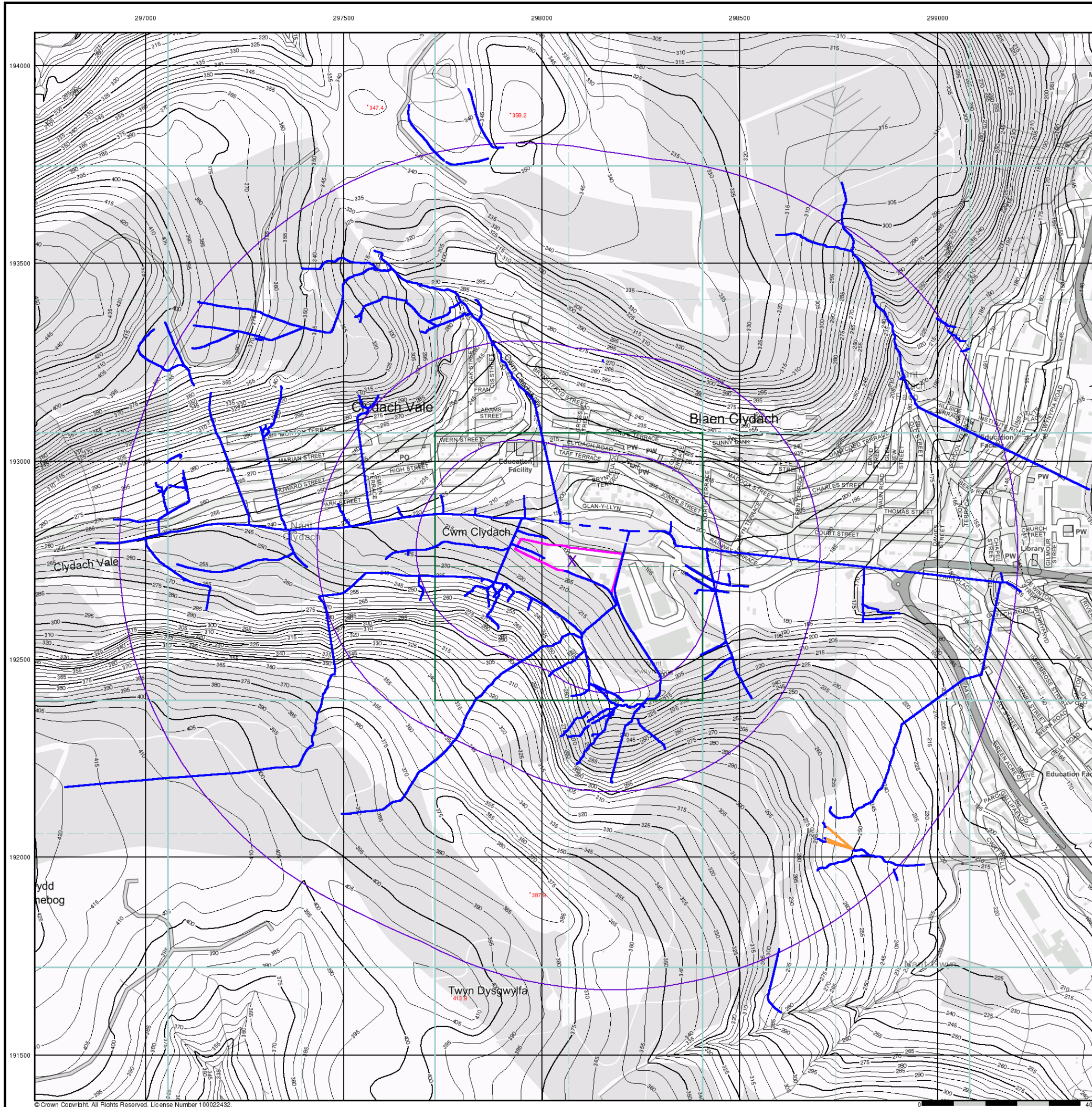


Order Details




Order Number: 313707938_1_1
 Customer Ref: 17931 Clydach vale
 National Grid Reference: 298080, 192750
 Slice: A
 Site Area (Ha): 1.61
 Search Buffer (m): 1000

Site Details


Councillor Offices, Clydach Vale Rhondda Cynon Taf Cbc,
 Cambrian Court Business Pavilion, Clydach, Tonypany, CF40 2XX



General

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

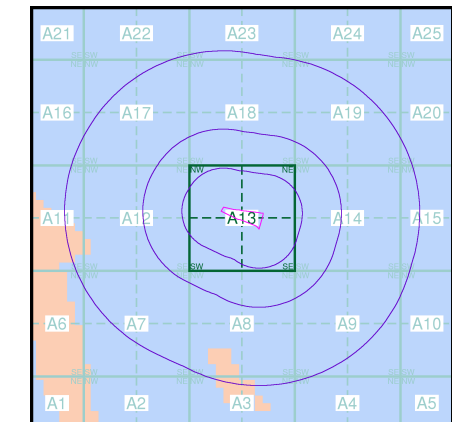
Risk of Flooding from Surface Water

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

Suitability

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

EANRW Suitability Map - Slice A

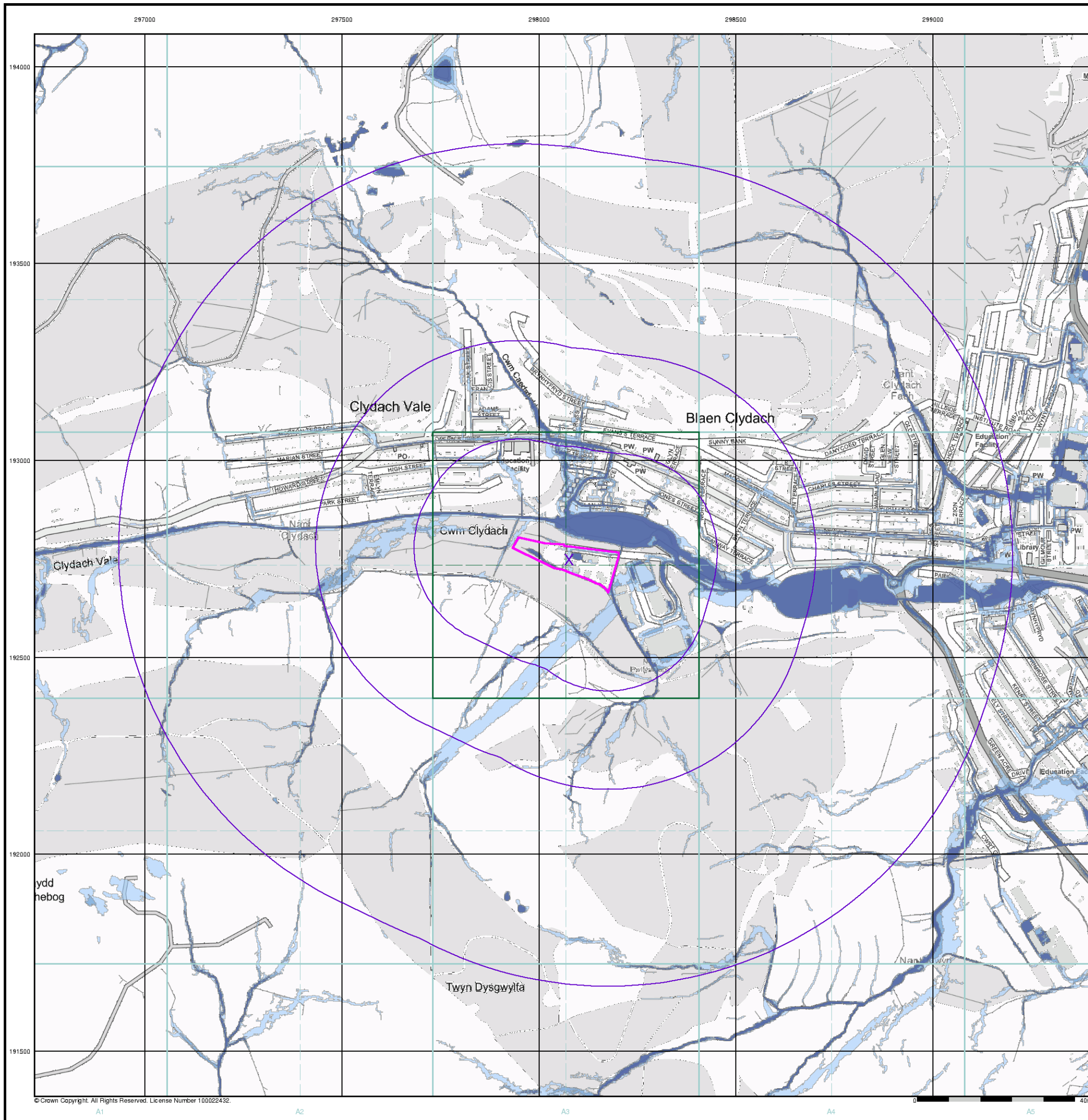


Order Details

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Annex B
Risk Assessment Definitions

The contaminated land regime is set out in Part 2A of the Environmental Protection Act (EPA) 1990 and was introduced on the 1st April 2000 in England and 1st July 2001 in Wales. A similar regime was introduced in Scotland on 14th July 2000.

Part 2A was introduced to achieve three overarching objectives:

- (a) To identify and remove unacceptable risks to human health and the environment.
- (b) To seek to ensure that contaminated land is made suitable for its current use.
- (c) To ensure that the burdens faced by individuals, companies and society as a whole are proportionate, manageable and compatible with the principles of sustainable development.

Under Part 2A the statutory definition of 'contaminated land' is:

"any land which appears to the local authority in whose area it is situated, to be in such a condition, by reason of substances in, on, or under the land, that:

- (a) Significant harm is being caused or there is a significant possibility of such harm being caused; or
- (b) Pollution of controlled waters is being, or is likely to be, caused."

Under Part 2A, for land to be classified as 'Contaminated Land' there must be one or more contaminant, pathway, receptor linkages, known as the '**Pollutant Linkage**'. A pollutant linkage requires three essential elements:

- (a) A **CONTAMINANT (SOURCE)** – a substance that is in, on or under the land and has the potential to cause harm or to cause pollution of controlled waters.
- (b) A **RECEPTOR** – something which could be adversely affected by a contaminant.
- (c) A **PATHWAY** – a route by which a receptor is or might be exposed to or affected by a contaminant.

The term 'Risk' is widely used in different contexts and situations, but a prescriptive definition is given by the Guidelines for Environmental Risk Assessment and Management (DEFRA *et al*, 2000):

'Risk is a combination of the probability, or frequency, of occurrence of a defined hazard and the magnitude of the consequences of the occurrence'.

Model Procedures for the Management of Land Contamination – Contamination Land Report 11 (2004) defines a 'Hazard' as

'a property or situation that in particular circumstances could lead to harm'.

A framework for qualitative risk assessment is provided in CIRIA publication C552 Contaminated Land Risk Assessment – A Guide to Good Practice (2001). The method requires an assessment of the magnitude of the probability of the risk occurring and the magnitude of the potential consequence. Classifications of consequences and probability, levels and descriptions of risk have been devised from the above publication and are defined in the following sections.

Classification of Consequence

Table A Classification of Consequence	
Classification	Definition
Severe	<ul style="list-style-type: none"> • Short term (acute) risk to human health likely to result in significant harm • Short term risk to controlled waters • Catastrophic damage to buildings/structures • Short term risk to an ecosystem or organism within the particular ecosystem
Medium	<ul style="list-style-type: none"> • Chronic damage to human health (long term risk) • Pollution of a sensitive water resource • A significant change in an ecosystem or organism within the ecosystem
Mild	<ul style="list-style-type: none"> • Pollution of non-sensitive water resources • Significant damage to buildings/structures • Damage to sensitive buildings/structure/services or the environment
Negligible	<ul style="list-style-type: none"> • Harm (not necessarily significant) which may result in financial loss • Non-permanent health effects to humans (easily prevented by PPE for example) • Easily repairable effects of structural (building) damage

Classification of Probability

Table B Classification of Probability	
Classification	Definition
High Likelihood	<ul style="list-style-type: none"> • There is a complete pollution linkage and an event appears very likely to occur in the short term and is inevitable in the long term. • Evidence of harm to the receptor
Likely	<ul style="list-style-type: none"> • There is a complete pollution linkage which means that it is probable that an event will occur • The event is not inevitable but possible in short term and likely in the long term
Low Likelihood	<ul style="list-style-type: none"> • There is a complete pollution linkage and circumstances are possible under which an event could occur • It is not certain that an event will occur in the long term, and it is less likely to occur in the short term
Unlikely	<ul style="list-style-type: none"> • There is a complete pollution linkage but circumstances are such that it is improbable that an event would occur even in the long term

Risk Assessment Matrix

By comparing the consequences of a risk and the probability of the risk of a pollution linkage, the likely risk category can be determined as shown in **Table C** below.

Table C Risk Assessment Matrix					
Increasing acceptability		Consequence			
		Severe	Medium	Mild	Negligible
Probability	High Likelihood	High risk	High risk	Medium risk	Low risk
	Likely	High risk	Medium risk	Low risk	Near zero risk
	Low Likelihood	Medium risk	Low risk	Low risk	Near zero risk
	Unlikely	Low risk	Near zero risk	Near zero risk	Near zero risk

Description of Risks and Likely Actions

High Risk

There is a high probability that severe harm could arise to a receptor, or there is evidence that a receptor is currently being severely harmed. The risk if realised is likely to result in liability, and urgent investigation or remediation will be required.

Medium Risk

It is probable that harm will arise to a receptor. However, it is relatively unlikely that such harm would be severe, or if harm does occur the harm is likely to be relatively mild. Investigation will be required to determine the liability, and some remedial works may be required in the long term.

Low Risk

It is possible that harm may arise to a receptor, but it is likely that the harm would be mild.

Near Zero Risk

There is a very low risk of harm to the receptor. In the event of harm being realised the harm is not likely to be severe.

**Annex C
Coal Authority Report and Map**



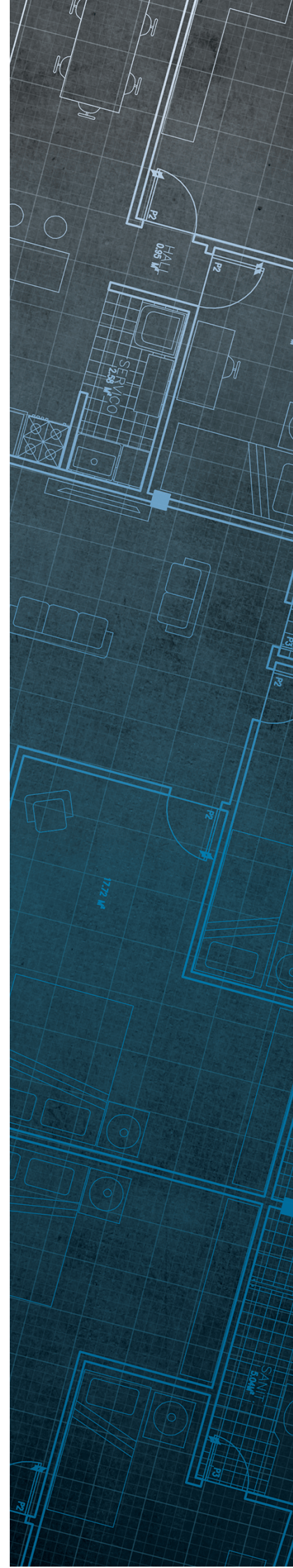
The Coal
Authority

Consultants Coal Mining Report

Councillor Offices
Clydach Vale Rhondda Cynon Taf
Cbc
Cambrian Court Business Pavilion,
Clydach
Rhondda Cynon Taff
CF40 2XX

Date of enquiry: 4 July 2023
Date enquiry received: 4 July 2023
Issue date: 4 July 2023

Our reference: 51003364980001
Your reference: 313707938_2



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

NLIS Hub

Enquiry address

Councillor Offices
Clydach Vale Rhondda Cynon Taf Cbc
Cambrian Court Business Pavilion,
Clydach
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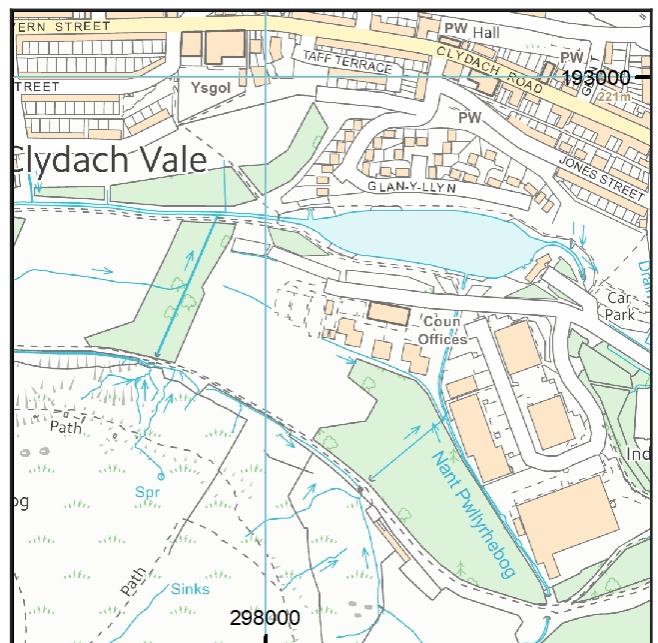
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 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	ABERGORC HI	Coal	44XD	111	Beneath Property	2.2	North-East	110	1908
BLAENCLYDACH	ABERGORC HI	Coal	463U	119	South-West	2.8	North	110	1906
unnamed	ABERGORC HI	Coal	465U	121	Beneath Property	2.6	North-East	110	1906
unnamed	LOWER PENTRE	Coal	466P	146	South-West	3.1	North-East	90	1923
unnamed	LOWER PENTRE	Coal	44X0	169	South	7.1	North-East	130	1925
unnamed	TWO FOOT NINE	Coal	469U	255	Beneath Property	2.6	North	90	1951
CAMBRIAN	TWO FOOT NINE	Coal	44WB	260	Beneath Property	2.6	North-East	80	1956
unnamed	TWO FOOT NINE	Coal	468U	272	North-West	3.2	North-East	90	1903
unnamed	6FT BOTTOM LEAF	Coal	461U	308	Beneath Property	3.7	North-East	230	1900
unnamed	6FT BOTTOM LEAF	Coal	43YN	308	North	2.3	North-East	230	1895
unnamed	6FT BOTTOM LEAF	Coal	460U	312	North-West	3.5	North-East	230	1898
CAMBRIAN	6FT BOTTOM LEAF	Coal	44X7	314	Beneath Property	7.3	North-East	230	1896
CAMBRIAN	UPPER NINE FOOT	Coal	469S	326	Beneath Property	1.5	North-East	200	1900
unnamed	UPPER NINE FOOT	Coal	44WJ	342	Beneath Property	2.3	North-East	200	1906
unnamed	UPPER NINE FOOT	Coal	46AS	342	North	0.0	East	200	1900
unnamed	UPPER NINE FOOT	Coal	49PH	343	North	2.3	North-East	190	1907
unnamed	BUTE	Coal	44WF	354	Beneath Property	3.1	North-East	185	1924
unnamed	BUTE	Coal	460S	357	North	1.5	North-East	280	1964
CAMBRIAN	BUTE	Coal	46AR	359	North-West	3.5	North-East	280	1964
unnamed	BUTE	Coal	49PN	368	North	1.9	North-East	185	1924
unnamed	BUTE	Coal	49PM	378	North	1.9	North-East	185	1924

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
CAMBRIAN	UPPER NINE FOOT	Coal	43YD	380	North	6.8	South-East	190	1902
unnamed	YARD	Coal	44W2	381	South	1.6	North-East	160	1964
unnamed	YARD	Coal	463R	381	South	3.3	North-East	150	1958
unnamed	YARD	Coal	462R	388	Beneath Property	3.1	North-East	150	1948
CAMBRIAN	YARD	Coal	44W1	390	Beneath Property	5.4	North-East	160	1960
unnamed	YARD	Coal	460R	393	North-West	2.8	East	150	1924
CAMBRIAN	BUTE	Coal	43YA	396	North	5.8	East	270	1924
unnamed	UPPER SEVEN FOOT	Coal	461Q	399	Beneath Property	2.9	North-East	100	1931
CAMBRIAN	UPPER SEVEN FOOT	Coal	44VW	401	Beneath Property	3.4	North-East	90	1940
unnamed	YARD	Coal	49PT	403	North	7.1	North-East	160	1966
CAMBRIAN	YARD	Coal	43Y4	407	North	3.3	North	160	1948
unnamed	FIVE FOOT	Coal	494P	412	Beneath Property	1.5	North-East	180	1917
unnamed	NO.3 RHONDDA	Coal	46BS	414	North-West	3.6	South	120	1889
unnamed	UPPER SEVEN FOOT	Coal	49PX	418	North	3.2	North-East	110	1940
unnamed	FIVE FOOT GELLIDEG	Coal	463T	422	Beneath Property	4.1	South-West	190	1907
CAMBRIAN	FIVE FOOT	Coal	44WQ	427	Beneath Property	2.9	North-East	180	1924
CAMBRIAN	FIVE FOOT GELLIDEG	Coal	44X2	431	Beneath Property	3.8	North-East	190	1909
NAVAL	FIVE FOOT	Coal	44WR	436	East	4.9	North-East	180	1899
unnamed	FIVE FOOT	Coal	49OY	437	North	2.7	North-East	230	1923
unnamed	FIVE FOOT	Coal	494M	441	North-West	3.4	North	180	1906
unnamed	FIVE FOOT GELLIDEG	Coal	49OF	446	North	4.6	North	100	1939
CAMBRIAN	FIVE FOOT	Coal	43Y0	454	North-West	2.8	North-East	180	1916
CAMBRIAN	FIVE FOOT GELLIDEG	Coal	43YL	458	North	1.7	South-West	190	1937
unnamed	6FT BOTTOM LEAF	Coal	49O7	464	North	4.1	South-East	230	1890

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
DINAS CLYDACH	NO.3 RHONDDA	Coal	460T	491	South-West	3.7	North	90	1880

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	297192-001	297841 192811		Coal	Rhondda Borough Council 23/12/1983
Adit	297192-002	297932 192869		Coal	Rhondda Borough Council 23/12/1983
Adit	297192-021	297970 192874		Coal	
Adit	298192-001	298185 192787		Coal	Rhondda Borough Council 23/12/1983
Adit	298192-032	298196 192723	This entry was sealed and material back filled against the seal in February 1972. there are no details of the material used.	Coal	Rhondda Borough Council 23/12/1983
Adit	298192-035	298018 192855		Coal	Rhondda Borough Council 23/12/1983
Adit	298192-036	298048 192830	This adit was sealed with a steel grille in February 1971.	Coal	Rhondda Borough Council 23/12/1983
Adit	298192-037	298016 192848		Coal	Rhondda Borough Council 23/12/1983
Shaft	298192-041	298216 192782	This shaft has been filled with dry shale at some time in the past.	Coal	Rhondda Borough Council 23/12/1983
Adit	298192-076	298194 192618		Coal	
Adit	298192-119	298001 192877		Coal	

Abandoned mine plan catalogue numbers

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

12801	SWA742	SWR1317
SWR850	SWR1316	8256
SWR1973	SWR1314	SWR1974

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

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

Outcrops

No outcrops recorded.

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

Distance to site remediation (m)	Direction
8.6	South-West

See Section 4 for further information.

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

The following potential risks have been identified and as part of your risk assessment should be investigated further.

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.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. 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. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

Remediated sites

The site is within an area of previous interest. It is close to where the Coal Authority has investigated and where necessary remediated mine entries and/or shallow coal mine workings following specific reported hazards.

The site requires further investigation and may influence your risk assessment. We recommend that you order the Coal Authority **Surface Hazards Incident Report**, which will include more information about the hazard.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

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. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

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.

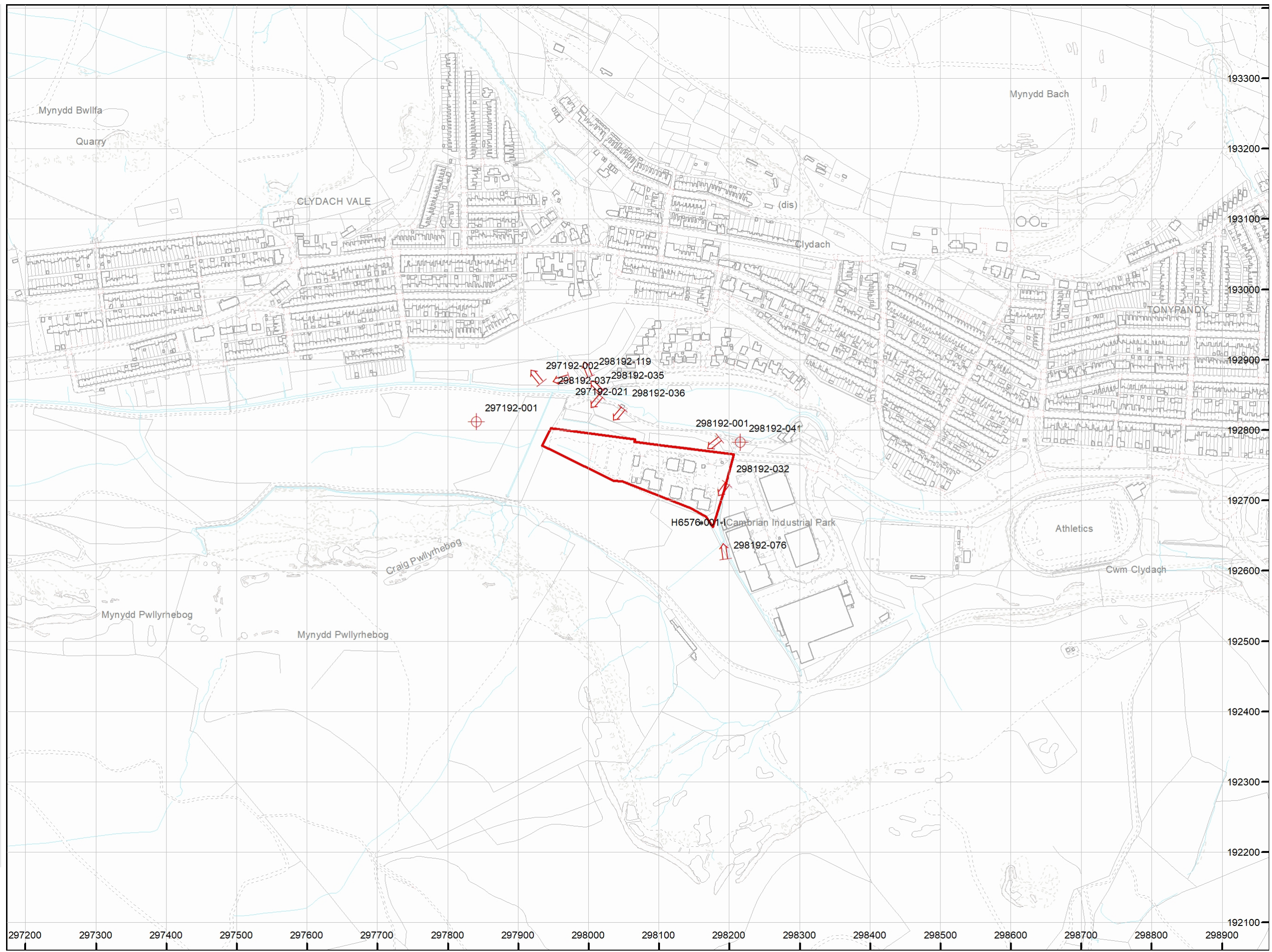
Payment to owners of former copyhold land

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.

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 
- Disused adit 
- Remediated sites 



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DRAWINGS



Teitl/Title: The Pavilions, Clydach Vale

Sylwadau/
Comments 4.02 acres

G06/N



Graddfa ar A4/
Scale at A4: 1 : 1250
Lleoliad/
Location: 298105E
192725N
Dyddiad/
Date: 13/06/2023

Mae'r wybodaeth sydd wedi'i chynnwys ar y map yma yn gywir ar adeg ei argraffu yn unig. Dylid gwirio manylion perchogaeth y Cyngor gyda'r Garfan Rheoli Asedau a Gwybodaeth Eiddo, sydd wedi'i lleoli yng Ty Trevithick Fontwch Eiddo'r Cyngor ar 01443 281189. Mae'r cynllun yma'n dangos y safle'n fras, ac nid union linell y ffiniau. Mae'n bosibl nad yw'r raddfa'n gwbl gywir. Mae'n bosibl nad yw'r mesuriadau graddedig o'r cynllun yma yn cyfateb i'r mesuriadau rhwng yr un manau ar lawr.

Information contained on this map is correct only at the time of printing. Exact extent of Council ownership details should be checked with the Asset Management and Property Information Team based at Ty Trevithick by contacting Corporate Estates on 01443 281189. This plan shows the general position, not the exact line of the boundaries. It may be subject to distortions in scale. Measurements scaled from this plan may not match measurements between the same points on the ground.



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