

Phase 1  
Site Investigation &  
Preliminary Risk  
Assessment

Client: Lidl

Risca

Report No: 1137.02.01

July 2024





## **Executive Summary**

Remada Ltd was commissioned by Lidl Great Britain Ltd ('the client') to undertake a Phase 1 Geoenvironmental Site Investigation for the proposed site at Commercial Street, Risca. The objectives of this assessment were to present a preliminary conceptual site model to identify plausible pollutant linkages as a preliminary risk assessment and to provide recommendations for subsequent investigation work.

It is understood that the site will be redeveloped as a Lidl retail store with associated car park and soft landscaping. Of approximate area 1.07 hectares being accessed from Commercial Street to the north.

## **Site Setting**

The site occupies an irregular plot to the south of the of Commercial Street and west of B4195, on the northern bank of Ebbw River. The site is currently used as a builder's yard with access from Commercial Street. The access point to the site is covered by asphalt surfacing, with the remainder of the site covered in sparse gravels underlain by made ground.

## **Site History**

The earliest available historical mapping of 1883 records a railway line in north of the site area that crosses the River Ebbw to access works to the south, but the remainder of the site is undeveloped. By 1901, an embankment had been formed to support railway sidings which increased and reduced in extent and by 1965 the site appears to have been levelled and building constructed adjacent to River. In 1977, a second building is recorded in the east of the site by which extended or replaced by a larger works building by 1982. Tanks are recorded adjacent to each building. By 1982, a warehouse has been constructed running parallel to the Ebbw River but the larger works is not recorded in 1986 but present on the 1993 map.

## **Geology / Hydrogeology**

Published geological maps record that the site is underlain by Alluvium, a Secondary (A) Aquifer and the St Maughans Formation designated as a Secondary (A) Aquifer.

## **Mining**

The site is located within an area which may be affected by coal mining activity. However, Coal Authority CON29M report 51001864931001 within Terrafirma's report, reviewed by Remada, states that the 'property is not within a surface area that could be affected by recorded past underground mining'.

## **Recommendations**

### Environmental

The desk study has identified a number of on-site and off-site potential sources of contamination that would require further investigation. The following is recommended:

- Investigation of the lateral and vertical extent of made ground/fill beneath the proposed store footprint;
- Collection of soil and groundwater samples from the areas identified above for contaminants of concern; and
- Ground gas monitoring.

### Geotechnical

It is recommended that a ground investigation is undertaken to enable preliminary foundation design. Slag identified in previous ground investigations is a potential cause of concern with regard to foundations.



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Issue No /	Date	Prepared By	Technical Review	Authorised
01	22.07.2024	L Hillman <i>L Hillman</i>	G Jones <i>G Jones</i>	G Jones <i>G Jones</i>



## 1. INTRODUCTION

Remada Ltd was commissioned by Lidl Great Britain Ltd ('the client') to undertake a Phase 1 Preliminary Risk Assessment for a proposed store development at Commercial Street, Risca, NP11 6EE at the location indicated in **Figure 1**.

### 1.1. Objectives

The objectives of this assessment are as follows:

- to develop a preliminary conceptual model of the site to identify plausible pollutant linkages; and
- to provide recommendations for subsequent investigation work.

### 1.2. Scope of Work

The scope of work comprised a:

- review of local geological, hydrogeological, ground stability, and environmental data and historical mapping pertaining to the site and surrounding area; and
- identification of potential sources, pathways, and receptors, and development of a preliminary conceptual site model.

The scope of work included a site reconnaissance visit, carried out on 15th July 2024.

The client has provided Remada with the following reports for the site:

- Commercial Street, Risca Site Investigation Report on Behalf of The Bird Group. July 2011, RPS Ref: JER5130
- Geotechnical & Geoenvironmental Report Proposed Residential Development Land Adjacent to Commercial Street Risca, Caerphilly. Prepared for: Bird Group Limited August 2018, Terrafirma Job No: 14113/1.

The above reports were reviewed by Remada for Lidl as Letter Reference 1137.01.01 to provide an indication of ground conditions and any potential constraints associated with the proposed development.

### 1.3. Limitations

The comments given in this report and the opinions expressed are based on the information reviewed and observations during site work. However, there may be conditions pertaining to the site that have not been disclosed by this assessment and therefore could not be taken into account.



## 2. DESK STUDY

### 2.1. Description of Site

**Site Description** The site occupies an irregular plot to the south of Commercial Street B4591, north of Ebbw River and Dawn to Dusk Autos beyond the sloping masonry. West of B4951, as indicated in **Figure 2**. The site boundary is predominantly marked by the fence at the rear of the commercial properties perpendicular to Commercial Street to the north. With the B4591 running north-east to south-west on the eastern boundary. While the Ebbw River forms the southern boundary of the proposed development, the proposed layout at Figure 3 indicates that River bisects the overall property boundary. To the west of the site is an empty plot of land.

The site is a former railway yard converted to steelworks where ground levels have been raised adjacent to the River Ebbw by filling with made ground.

The commercial properties to the north include (west to east) 'Alphavet Veterinary Centre', 'Brew Coffee house', 'Pride of Balti', 'Doodle Dogz Grooming', 'Ozzy's Barbers', 'Teulu Salon'. With access for vehicles to the rear of the properties located between 'Alphavet veterinary Centre' and 'Brew Coffee house', which the rear of is directly adjacent to the site, separated by a metal fence. There is also a Texaco fuel station with an attached Premier Store, associated parking spaces and Mark Smith Motor Services at the rear of the property running parallel to the road.

<b>Area of Site</b>	1.07 hectares (approximately).
<b>Site Elevation</b>	The topographic elevation of the site is approximately 43-44m aOD (metres above ordnance datum).
<b>National Grid Co-ordinates</b>	324400 (E), 189870 (N)

### 2.2. Site Setting

The site is situated in a mixed commercial and residential area.

<b>North:</b>	A row of commercially used buildings parallel to Commercial Street and associated rear parking forms most of the northern boundary, with green space and trees adjacent to the roundabout in the northeast.
<b>East:</b>	The B4591 is adjacent to the site, with a large warehouse on the opposite side of the road owned by William Hare-Steel fabricator.
<b>South:</b>	The River Ebbw defines the southern boundary.
<b>West:</b>	An unoccupied area, with sporadic vegetation and an Indian restaurant in the north-west corner of the plot. Freshly laid road surface in the plot.

### 2.3. Site History

A summary of the historical land use of the site and surrounding area follows.



<b>Map Date</b>	<b>Description of on-site activities</b>
1883	A railway runs approximately north to south where the present-day site entry lies, over the Ebbw River. A building is present just to the west of this in the north-west of the site boundaries. The remainder of the site appears to be open space.
1901	The railway yard has been extended, splitting at the site entry extending from one track into three running to the southeast occupying the previously empty space on the site and constructed on an embankment. The building appears to be extended.
1922	Extension of the railway yard continued to the southwest, with the three lines on site increasing to four with a fifth splitting off this directly to the south. Supporting Infrastructure was also added to the new tracks. A weighing machine (W.M) is recorded on site.
1965	The rail lines appear to be reduced to just the one track on site, splitting into two, with the weigh bridge moved to the north of the site. Earthworks contours are no longer recorded suggesting that filling or regrading has taken place to form more level site. The building to the northwest of the site has been demolished, with a new building constructed just south of the existing rail line, parallel to the Ebbw River.
1977	As above but the railway yard has been completely removed and a Works (Wks) building has been constructed on the east of the site. The former rail bridge now appears to be used a footbridge.
1982	The building first recorded in 1901 is now labelled as works with external Tanks. The building to the east labelled as works has been extended to the west with the new construction labelled as Warehouse, with similar Tanks labels. The new warehouse runs roughly parallel to the Ebbw River.
1982-86	Similar to above.
1992-99	Similar to above.
2024	The site is recorded as empty space, with previous buildings demolished, although recent site visits, suggest remnants of steelworks and other construction materials.

<b>Map Date</b>	<b>Description of off-site activities</b>
1883	The rail track running roughly north to south, which runs through the site, continues north with a kink in the rail track on the opposite side of the Ebbw River. To the north of the site, there is a mixed-use area, with residential properties and the Forge Hammer P.H. Further south along the train track, there is an area labelled Tin Works to the southwest of the site, following the river course.
1901	Expansion of the rail network with a rail constructed on the opposite side of the Ebbw River. Further residential development along the present-day Commercial Street, with Gas Works labelled to the west of the site. The area to the south is



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	now labelled as Steel & Tin Works. A Steel Foundry is present beyond the rail line to the north
1920-22	Continued residential development to the north of the site as well as continued development to the rail infrastructure. Allotment gardens are present in the town to the north
1965	The rail network has been partially removed, with the depot on the opposite side of the Ebbw River, demolished and now labelled as Scrap Metal Yard. residential development to the west continues along Commercial Street, with Tanks labelled beside the Gas Works House.
1977-1982	The Scrap Metal Yard to the south is now occupied by a Factory and Works building, with a Warehouse now occupying the open space to the west, running parallel to the Ebbw River (roughly Northwest to Southeast). Similarly, a Foundry is constructed to the West of the former Scrap Metal Yard adjacent to the Ebbw River. The Gas Works House is now labelled as Gas Holders (disused). A garage is now labelled between the site and Commercial Street, where the Petrol filling Station occupies in present day.
1982-86	Similar to above but a roundabout is recorded to the northeast of the site, with a road constructed running northeast to southwest along the eastern boundary of the site. The A467 and the roundabout, connecting the B4591, have also been constructed.
1992-99	Similar to above. The industrial area south of the Ebbw River is now labelled as Pontymister Industrial Estate. The former Gas Works to the west is now labelled as depot.
2024	The land directly to the west of the site labelled as 'depot' is now recorded as empty land. With a recent site visit showing this to now have a fresh road surface.

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## 2.4. Proposed Site Use

It is understood that the proposed site use for the majority of the site will be a Lidl retail store with associated car park and soft landscaping as shown in **Figure 3**.

## 2.5. Environmental Setting

### 2.5.1. Made Ground and Superficial Geology

Information from the environmental report and the British Geological Survey (BGS) 1:50,000 scale map Sheet 249 (Newport) does not any artificial ground either on, or in the immediate vicinity of, the study site. Artificial Ground is a term used by the BGS for those areas where the ground surface has been significantly modified by human activity, and includes made ground, worked ground, infilled ground, landscaped ground and disturbed ground. It is not expected to be encountered according to the mapping; however, taking consideration of the site's historic use and satellite imagery it is likely that made ground will be encountered underlying the site.



The superficial deposits underlying the site are indicated to comprise Alluvium. The BGS Lexicon describe this as 'a general term for clay, silt, sand and gravel. It is unconsolidated detrital material deposited by a river, stream or other body of running water'.

The superficial deposits are designated as a Secondary (A) Aquifer (ref Envirocheck **Appendix B**).

### **2.5.2. Bedrock Geology**

The bedrock directly underlying the site is formed of the Sandstones as part of the St Maughans Formation. The BGS Lexicon describes this as 'Interbedded purple, brown and green sandstones and red mudstones with Intraformational conglomerates containing calcrete clasts'.

The bedrock is designated as a Secondary (A) Aquifer (ref Envirocheck **Appendix B**).

### **2.5.3. Historic BGS Borehole Records**

There are three historic BGS borehole records within a relevant distance of the site. All located to the south between Ebbw River and the A467 roundabout, in an area with the same superficial geology and bedrock.

- Located on the north exit of the A467 roundabout, for Gwent County Council (BGS ID: 383136) In 1976, a Fill noted as black silty sand and fine to coarse gravels, with debris (some broken bricks, pieces of woods, ash, large pieces of metal, brown slay, pieces of pipe, railway sleepers, concrete and vehicle parts) was recorded to a depth of 2mbgl. Beneath this, a light brown 'clayey silty sand', presumably alluvium deposits, with some fine to coarse rounded gravel' for 0.8m to a depth of 2.8mbgl. For the final 0.5m, rounded cobbles and fine to coarse gravel with some black 'clayey silty sand' was recorded. Water was encountered at approximately 2mbgl.
- Located just south of the Ebbw River, as part of the same drilling for Gwent County Council In 1976, a Fill noted as black clayey silty sand ash and fine to coarse gravels were encountered to a depth of 1.2m, with the next 3.8m encountering a very dense fine to coarse, sand, gravel and cobbles, with some brown and grey organic silt at base to a depth of 5mbgl.. Water was encountered at 1.3mbgl.
- The final borehole, of relevance to the site, also located on the A467 roundabout (BGS ID: 383080), from 1976 recorded very similar deposits to the previous 2 boreholes mentioned. The first 2.1mbgl was recorded as Fill and noted to be 'black clayey silty sand ash and fine to coarse gravel'. From this level to 5mbgl, very dense fine to coarse sand, gravel and cobbles with brown and grey silt at base were recorded. Water was encountered at 2.8mbgl.

### **2.5.4. Groundwater Abstractions**

There is one (1 No) groundwater abstraction point within 250m of the site. Estimated to be approximately 234m from site, operated by Saint-Gobian Pipelines Plc for Metal: Evaporative Cooling, from the borehole at Pontymister Steelworks. (ref Envirocheck **Appendix B**).

### **2.5.5. Source Protection Zones**

The site is not located within a Groundwater Source Protection Zone (ref Envirocheck **Appendix B**).

### **2.5.6. Surface Water Features and Abstractions**

The Ebbw River is located in the southern area of the site (0m from site) (ref Envirocheck **Appendix B**).





There are no surface water abstraction points within 500m of the site. The nearest Is estimated to be 1523m from site with two beyond this point, 1538m and 1808m. (ref Envirocheck **Appendix B**).

### 2.5.7. Flooding Vulnerability

The site is in an area with the potential for groundwater flooding to occur at the surface. The site is adjacent to the River Ebbw and located an area designated as Flood Zones 2 and 3, with the Zone 3, being recognised as an area benefitting from flood defence on the western part of the site. A Zone 2 Is described as an area of extreme Flooding from Rivers or Sea without Defences, while Zone 3 Is described as Flooding from Rivers or Sea without Defences. (ref Envirocheck **Appendix B**).

### 2.5.8. Ground Stability

The Envirocheck Report (**Appendix B**) provides the following information regarding ground stability.

Shrinking / Swelling of Clay	The site is within an area of very low hazard from shrinking or swelling of clays.
Rock Solubility	There is a no hazard rating from rock solubility at the site.
Compressible Ground	There is a moderate hazard rating from compressible ground.
Collapsible Deposits	There is a no hazard rating from collapsible rocks.
Running Sand	There is a low hazard rating for running sands.
Landslides	There is a very low hazard rating from landslides.

### 2.5.9. Radon

The site is located in a Lower Probability Radon Area as less than 1% of properties are above the Action Level, therefore no radon protective measures are necessary (ref Envirocheck **Appendix B**).

### 2.5.10. Environmentally Sensitive Site Designations

The nearest environmentally sensitive Is an Ancient Woodland 198m to the southwest (ref Envirocheck **Appendix B**).

## 2.6. Industrial Land Use

There are forty-five (45 No.) contemporary trade directory entries locations within 250m of the site. (ref Envirocheck **Appendix B**).

There is one fuel station entry within 500m of the study site. This is located 8m to the north-east on Commercial Street and is recorded as being open. (ref Envirocheck **Appendix B**).

## 2.7. Environmental Permits, Incidents & Registers

There are six (6 no) Local Authority Pollution prevention and Controls within 250m of the study site. The nearest Is estimated to be 7m to the northeast for Waldron Services related to Local Authority Air Pollution Control at the Petrol filling station.

There are twelve (12 No) recorded pollution Incident entries within 250m of the site. the nearest was located 10m to the south and pertains to an unknown pollutant in June 1992, however the receiving water and catchment area are not given. The Incident was recorded as being a category 3 (Minor Incident. (ref Envirocheck **Appendix B**).

## 2.8. Landfill & Waste Sites

There are two (2 no) historic landfill sites, three (3 no) licensed waste facilities, one (1 No) registered



landfill site, two (2 No) local Authority Landfill Coverages and two (2 No) registered water treatment or disposal sites within the search area. (ref Envirocheck **Appendix B**).

## 2.9. Mining

The site is located within an area which may be affected by coal mining activity (ref Envirocheck **Appendix B**).

## 2.10. Unexploded Ordnance (UXO) Risk

Reference has been made to freely available online UXO mapping. The risk map presented at **Appendix C** indicates that the site is situated in an area where bomb risk is low.



### 3. REVIEW OF AVAILABLE REPORTS

Remada reviewed the following reports for Lidl as letter reference 1137.01.01:

- Commercial Street, Risca Site Investigation Report on Behalf of The Bird Group. July 2011, RPS Ref: JER5130
- Geotechnical & Geoenvironmental Report Proposed Residential Development Land Adjacent to Commercial Street Risca, Caerphilly. Prepared for: Bird Group Limited August 2018, Terrafirma Job No: 14113/1.

Letter Reference 1137.01.01 is reproduced in part below.

#### Background

The site was formerly railway sidings for a steel and tin plate works that was situated to the east and south. An extract of the historical map dated 1920 is reproduced below and the sidings branched off from a bridge over the River Ebbw onto an area of raised ground adjacent to the river.

A gravel pit excavation was also recorded adjacent to the raised ground and a gasworks was situated immediately to the west. The land was subsequently redeveloped for commercial or industrial use and building footprints are recorded on later maps. Flood risk mapping within Terrafirma's report designates the site as being within Flood Zone 3 of the Ebbw.

#### Geology & Hydrogeology

Terrafirma state that the site is 'underlain by rocks of the St Maughan's Group, forming part of the Lower Old Red Sandstone and being Devonian in Age. These rocks comprise red silty Mudstone and Siltstone with subordinate units of Sandstone.

Superficial deposits in the form of alluvium are recorded. Previous investigative work by RPS reported that this superficial cover comprises river sand, gravel and cobble deposits.

Previous investigative work carried out by Terra Firma (Wales) Limited in the area also confirms the presence of fluvial sand, gravel and cobble deposits beneath the Alluvium'.

Mapping within Terrafirma's report records that the superficial gravels are designated as Secondary (A) Aquifer, i.e., providing baseflow to the adjacent River Ebbw.

#### Coal Mining

Terrafirma appended Coal Authority CON29M report 51001864931001 which states that the 'property is not within a surface area that could be affected by recorded past underground mining'.

#### Ground Conditions

Exploratory logs record made ground at all locations with a typical thickness of 3.0 to 3.5m overlying gravels which is consistent with the mapping records of fill and gravel pits.

The made ground is generally granular in nature i.e., brick and concrete but slag was identified at the majority of exploratory locations. The identification of slag in made ground is consistent with the use of steelworks slag waste to raise the site levels.

Terrafirma's ground investigation does not include geotechnical data, however RPS's logs record dense gravels beneath the made ground. The ground conditions and SPT N values are summarised on the appended Figure 1.



Groundwater was recorded within the gravels at a depth of 3.8 - 5.7m bgl..

#### Soil & Groundwater Contamination

Made ground was found to arsenic, cadmium, copper, lead, zinc and speciated Polyaromatic Hydrocarbons (PAHs). Volatile and Semi-volatile Organic Compounds (VOCs/SVOCs) were also present at low levels. Asbestos was identified in three locations.

The rubble mound material on site was found to contain levels of cadmium and asbestos at one location.

Copper, zinc and some of the heavier petroleum hydrocarbon fractions were present in groundwater at relatively low levels.

#### Radon / Ground Gas

Terrafirma concluded that neither radon or gas protection measures would be required.

#### Soil Contamination

Terrafirma's assessment was prepared for a residential development for which there were exceedances of Generic Assessment Criteria (GAC). Chrysotile asbestos with a maximum reported concentration of 0.003% was identified by laboratory analysis in three samples of made ground and sample of the mound of soil/rubble that is present on site. Health and safety measures in accordance with Control of Asbestos Regulations will be required during the redevelopment.

Note: Chrysotile asbestos was not visually identified in soil samples by Terrafirma.

#### Groundwater Contamination

Terrafirma compared the concentrations of contaminants in groundwater to Environmental Quality Standards within the Water Framework Directive Regulations. Copper, Lead, Zinc, C21-C35 Aliphatic Hydrocarbons, C16-C21 and C21-C35 Aromatic Hydrocarbons. Chloroform was also detected in groundwater, but Terrafirma's method detection limit is the same as the Environmental Quality Standard.

#### Foundation Solutions

Terrafirma concluded that the site is suitable for a raft foundation on processed and recompacted made ground, or piles. However, slag needs to be assessed for expansivity prior to finalising foundation design.



#### 4. SITE WALKOVER

An inspection of the site was undertaken on 15th July by Lewis Hillman of Remada Ltd as recorded in the photographs below. There was no access to the site, photos were taken from the exterior through a fence. There was evidence of spill kits, fly tipping and remnants of old steelworks on the site.



**Photo 1:** Taken from site entry on Commercial Street facing south, asphalt surfacing present. Signage on the gate, indicates that the site is used as storage yard by Thames Valley Builders.



**Photo 2:** Taken from pedestrian footbridge over Ebbw River facing east. Fencing surrounding site parallel to river at top of sloping bank. Note: Water appeared to be very clear.



**Photo 3:** Dawn to Dusk Autos in operation on opposite side of the Ebbw River.



**Photo 4:** Taken through fence showing main area of site, spill kits evident, uneven made ground, with evidence of rubble from potential demolition in the background.



**Photo 5:** Access entry to site and public footpath leading to bridge over Ebbw River, with evidence of fresh surface laid on site to the west (right side of image)



**photo 6:** Evidence of fly tipping in parking area to west of access point.



Photo 7: Evidence of overgrown vegetation in area on west side of public footpath



Photo 8: Green space to North east of site with active petrol filling station in background. Taken from Commercial Street facing to the west southwest



Photo 9: Plot of land to the west with freshly laid road surface.



## 5. PRELIMINARY RISK ASSESSMENT

### 5.1. Introduction

A Preliminary Risk Assessment (PRA) has been completed for the site. This PRA identifies the potential sources, pathways, and receptors for the site, in order to assess the potential risks posed by identified potential sources to human health and / or controlled waters receptors. When required, the viability of the Source-Pathway-Receptor pollutant linkage must be evaluated further to determine whether an actual risk is present.

### 5.2. Potential Sources

#### On-site Historical

- Formation of an embankment for a railway yard.
- Railway tracks /sidings and associated rail Infrastructure,
- Demolition of rail tracks and Industrial properties
- Works and Warehouse buildings

#### On-site Current

- Made Ground with steelworks waste and demolition materials

#### Off-site Historical

- Gas works
- Garage and Petrol filling Station
- Train Depot
- Scrap Metal Yard
- Works buildings and Warehouses
- Road construction

#### Off-site Current

- Garages
- Petrol Filling Station
- Pontymister Industrial estate.
- Highway Infrastructure

### 5.3. Potential Contaminants of Concern (PCOCs)

- Metals
- Asbestos (associated with demolition and redevelopment of the existing site).
- Total petroleum hydrocarbons (TPH)
- Polycyclic aromatic hydrocarbons (PAH).
- Ground gases (carbon dioxide and methane)
- Polychlorinated Biphenyls (PCBs)

### 5.4. Potential Receptors

#### Human Health

- On-site Lidl store staff.
- Construction workers.





- On-site general public and visiting staff (such as contractors, including those conducting excavation works).
- Neighbouring residents

#### Controlled Waters

- Secondary (A) Aquifer in Superficial Deposits
- Secondary (A) Aquifer in bedrock.
- Ebbw River.

#### **5.5. Preliminary Conceptual Model**

The Preliminary Conceptual Site Model of the site has been prepared and illustrates the potentially active pollutant linkages. A pollutant linkage is present only when a source, pathway and receptor exist together.

- A **source** is a substance that has potential to cause harm or adversely affect human health, water resources or the wider environment.
- A **pathway** is the route or means by which a source of contamination can migrate resulting in exposure to a receptor.
- A **receptor** is something that could be adversely affected by a contaminant such as human health, an ecological system, animals or crops, buildings or controlled waters.

The Preliminary Conceptual Site Model is presented in **Table 1**.



Potential Source Areas	Potential Contaminant of Concern	Pathways	Potential Receptor	Exposure Route (Human unless otherwise stated)	Potential Identified Linkage (unmitigated)	Findings of Ground investigation	Risk (Un-mitigated)	Proposed Remediation (Mitigation) Measures	Residual Risk Estimation
<b>On-site Sources</b>				<ul style="list-style-type: none"> <li>Direct Soil Ingestion</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	To be assessed (TBA)	Potential risk	(To be assessed (TBA))	(To be assessed (TBA))
<b>Made Ground, railway yard, Steelworks waste and demolition Industrial Works and Warehouses Demolition of rail yard and Industrial buildings</b>	Asbestos / Metals As, Be, Cd, Cu, Cr (VI), Cr (III) Hg, Ni, Se, Va, Zn, <i>Boron, TPH /PAH,</i>	Disturbance due to construction plant causing direct contact, dusts, vapours.  Direct Contact with occupants of the proposed development  Inhalation of fibres / vapours / gases by occupants of proposed development	Occupants of the development / building fabric  Adjacent residents during construction	<ul style="list-style-type: none"> <li>Indoor Dust ingestion</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Skin Contact with Soils</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Skin Contact with Dust</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Inhalation of Outdoor Dust</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Inhalation of Outdoor Vapours</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Inhalation of Indoor Vapours</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Inhalation of ground gas</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
<b>Off-site Sources</b>  <b>Residential housing</b>  <b>Garage and Petrol filling station</b>  <b>highway Infrastructure</b>		Permeation of water supply pipework  Leachate	Secondary Aquifer in Superficial and bedrock	<ul style="list-style-type: none"> <li>Inhalation of radon gas</li> </ul>	<ul style="list-style-type: none"> <li>No</li> </ul>	Lower Probability Area TBA	Negligible	None	Negligible
				<ul style="list-style-type: none"> <li>Ingestion via permeated water supply pipework</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	TBA	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>Direct contact with Secondary (A) Aquifer in Superficial Deposits &amp; Ebbw River</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA
				<ul style="list-style-type: none"> <li>In-direct contact with Secondary (A) Aquifer in bedrock</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	As above	Potential risk	TBA	TBA

**Table 1: Preliminary Conceptual Site Model**

*Direct contact with subsurface soil and/or groundwater during redevelopment works are not assessed as part of the CSM. It is considered that risks to workers will be managed as part of any the redevelopment works at the site through the application of health and safety procedures, where required.*



## 6. CONCLUSIONS & RECOMMENDATIONS

### 6.1. Conclusions

It is understood that the proposed site use for the majority of the site will be a Lidl retail store with associated car park and soft landscaping. This development will comprise a site area of 1.07 hectares accessed from Commercial Street to the north

The earliest available historical mapping of 1883 records a railway line in north of the site area that crosses the River Ebbw to access works to the south, but the remainder of the site is undeveloped. By 1901, an embankment had been formed to support railway sidings which increased and reduced in extent and by 1965 the site appears to have been levelled and building constructed adjacent to River. In 1977, a second building is recorded in the east of the site by which extended or replaced by a larger works building by 1982. Tanks are recorded adjacent to each building. By 1982, a warehouse has been constructed running parallel to the Ebbw River but the larger works is not recorded in 1986 but present on the 1993 map. At present day (2024), the site is recorded as open space, with previous building demolished and used as a builder's yard.

Published geological maps record that the site is underlain by Alluvium, a Secondary (A) Aquifer and the St Maughans Formation, designated as a Secondary (A) Aquifer.

The site is located within an area which may be affected by coal mining activity (ref Envirocheck **Appendix B**). However, Coal Authority CON29M report 51001864931001 within Terraforma's report, reviewed by Remada, states that the 'property is not within a surface area that could be affected by recorded past underground mining'.

The site is located in Lower Probability Radon Area as less than 1% of properties are above the Action Level, therefore no radon protective measures are necessary

### 6.2. Recommendations

#### Environmental

The desk study has identified a number of on-site and off-site potential sources of contamination that would require further investigation. The following is recommended:

- Investigation of the lateral and vertical extent of made ground/fill beneath the proposed store footprint.
- Collection of soil and groundwater samples from the areas identified above for contaminants of concern; and
- Ground gas monitoring.

In accordance with CIRIA C665 the monitoring period should comprise not less than four visits for a proposed commercial development and should cover the "worst case" scenario which would occur during falling atmospheric pressure and, in particular, weather conditions such as rainfall and frost.

#### Geotechnical

It is recommended that a ground investigation is undertaken to enable preliminary foundation design. Slag identified in previous ground investigations is a potential cause of concern with regard to foundations.



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## STUDY LIMITATIONS

**IMPORTANT.** This section should be read before reliance is placed on any of the information, opinions, advice, recommendations or conclusions contained in this report.

1. This report has been prepared by Remada, Ltd with all reasonable skill, care and diligence within the terms of the Appointment and with the resources and manpower agreed with (the 'Client'). Remada does not accept responsibility for any matters outside the agreed scope.

2. This report has been prepared for the sole benefit of the Client unless agreed otherwise in writing.

3. Unless stated otherwise, no consultations with authorities or funders or other interested third parties have been carried out. Remada is unable to give categorical assurance that the findings will be accepted by these third parties as such bodies may have published, more stringent objectives. Further work may be required by these parties.

4. All work carried out in preparing this report has used, and is based on, Remada' professional knowledge and understanding of current relevant legislation. Changes in legislation or regulatory guidance may cause the opinion or advice contained in this report to become inappropriate or incorrect. In giving opinions and advice pending changes in legislation, of which Remada is aware, have been considered. Following delivery of the report Remada has no obligation to advise the Client or any other party of such changes or their repercussions.

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6. Whilst this report and the opinions made are to the best of Remada' belief, Remada cannot guarantee the accuracy or completeness of any information provided by third parties.

7. This report has been prepared based on the information reasonably available during the project programme. All information relevant to the scope may not have received.

8. This report refers, within the limitations stated, to the condition of the site at the time of the inspections. No warranty is given as to the possibility of changes in the condition of the site since the time of the investigation.

9. The content of this report represents the professional opinion of experienced environmental consultants. Remada does not provide specialist legal or other professional advice. The advice of other professionals may be required.

10. Where intrusive investigation techniques have been employed they have been designed to provide a reasonable level of assurance on the conditions. Given the discrete nature of sampling, no investigation technique is capable of identifying all conditions present in all areas. In some cases the investigation is further limited by site operations, underground obstructions and above ground structures. Unless otherwise stated, areas beyond the boundary of the site have not been investigated.

11. If below ground intrusive investigations have been conducted as part of the scope, service tracing for safe location of exploratory holes has been carried out. The location of underground services shown on any drawing in this report has been determined by visual observations and electromagnetic techniques. No guarantee can be given that all services have been identified. Additional services, structures or other below ground obstructions, not indicated on the drawing, may be present on site.

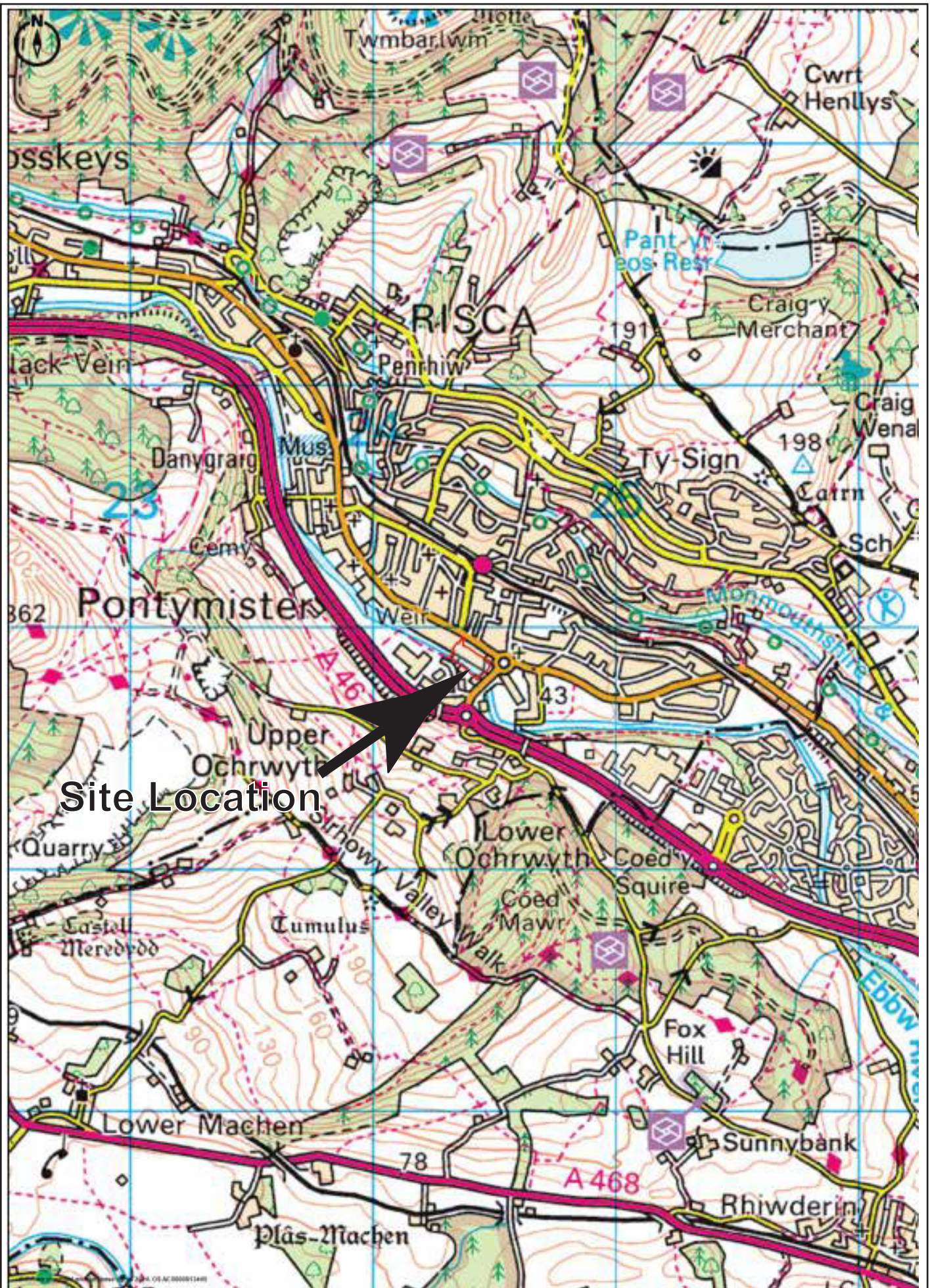
12. Unless otherwise stated the report provides no comment on the nature of building materials, operational integrity of the facility or on any regulatory compliance issues.

13. Unless otherwise stated, samples from the site (soil, groundwater, building fabric or other samples) have NOT been analysed or assessed for waste classification purposes.





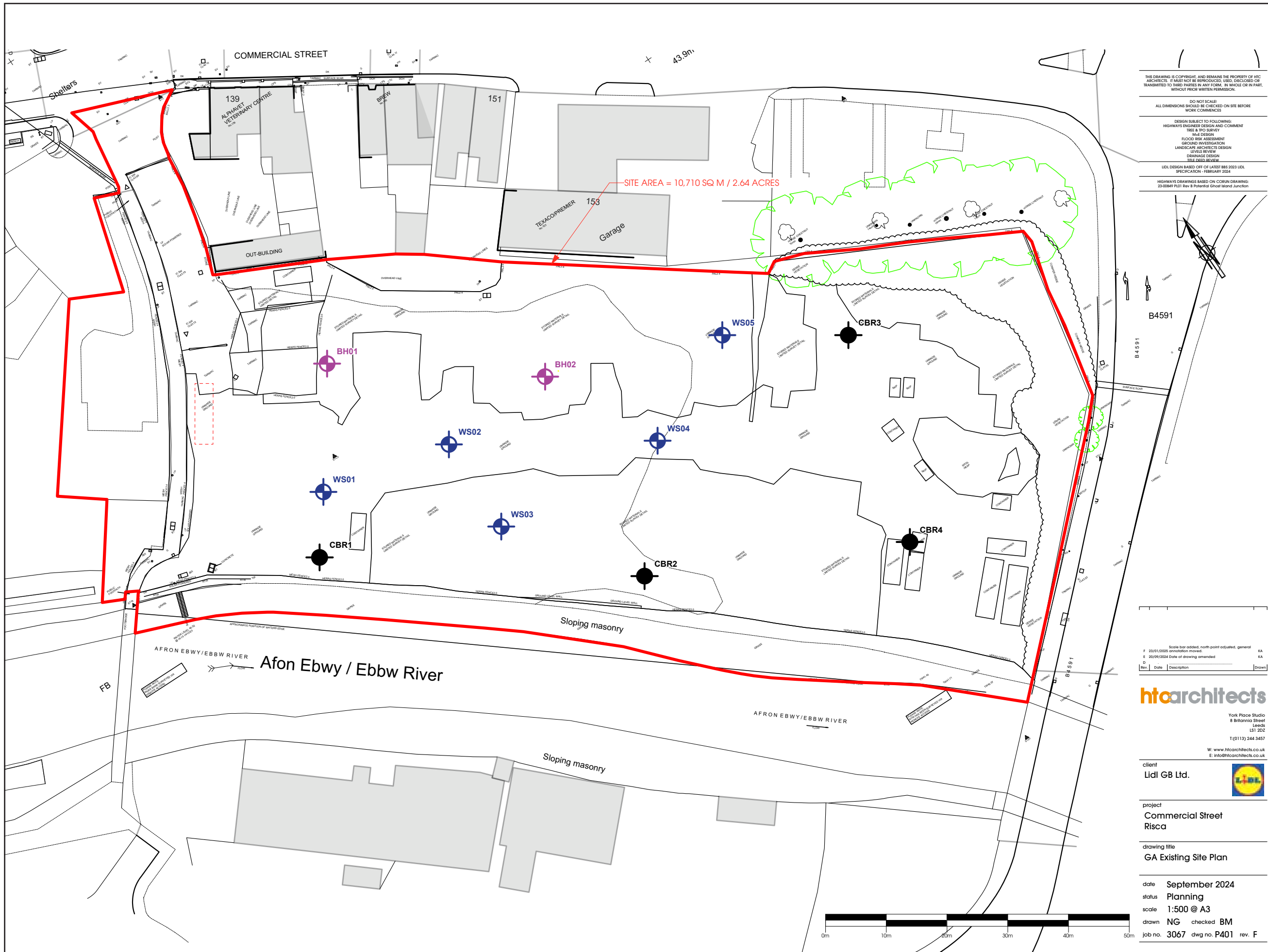
# FIGURES

- Figure 1 Site Location Plan
- Figure 2 Existing Site Layout
- Figure 3 Proposed Site Layout



Site Location

Notes <b>Promap</b> LANDMARK INFORMATION © Crown copyright and database rights 2024. OS AC000813445 Plotted Scale - 1:25000. Paper Size - A4	Revision	Approved	Date	Project Title	Scale	Drawn	Size
				Risca, Commercial Street	as shown	LH	A4
				Drawing Title	Date	Job No.	Figure No.
				Site Location Plan	18.07.24	1137.02	01
				Client	 		
			Lidl Great Britain Ltd				



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DO NOT SCALE! ALL DIMENSIONS SHOULD BE CHECKED ON SITE BEFORE WORK COMMENCES.

DESIGN SUBJECT TO FOLLOWING:  
 HIGHWAYS ENGINEER DESIGN AND COMMENT  
 TREE & SPD SURVEY  
 MAE DESIGN  
 FLOOD RISK ASSESSMENT  
 GEOTECH INVESTIGATION  
 LANDSCAPE ARCHITECT'S DESIGN  
 UTILITY REVIEW  
 DRAINAGE DESIGN  
 UTILITY ASSESSMENT

LIDL DESIGN BASED OFF OF LATEST BBS 2023 LIDL SPECIFICATION - FEBRUARY 2024

HIGHWAYS DRAWINGS BASED ON CORIN DRAWING: 2300849 P01 Rev 8 Potential Ground Level Junction

- Legend
- WS01 Window Sample & Installation
  - BH01 Cable tool hole
  - CBR1 CBR Test

Scale bar added, north point adjusted, general  
 F 23/01/2025 annotation moved. KA  
 E 20/09/2024 Date of drawing amended KA  
 D Rev. Date Description Drawn

**htcarchitects**  
 York Place Studio  
 8 Britannia Street  
 Leeds  
 LS1 2DZ  
 T: (0113) 244 3457  
 W: www.htcarchitects.co.uk  
 E: info@htcarchitects.co.uk

client  
**Lidl GB Ltd.**

project  
**Commercial Street  
 Risca**

drawing title  
**GA Existing Site Plan**

date **September 2024**  
 status **Planning**  
 scale **1:500 @ A3**  
 drawn **NG** checked **BM**  
 job no. **3067** dwg no. **P401** rev. **F**

Notes

Revision	Approved	Date

Project Title  
**Lidl Risca**

Drawing Title  
**Existing Site Layout**

Client  
**Lidl Great Britain Ltd**

Scale	Drawn	Size
as shown	LH	A4
Date	Job No.	Figure No.
27.01.25	1137.02	02







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DO NOT SCALE!  
ALL DIMENSIONS SHOULD BE CHECKED ON SITE BEFORE WORK COMMENCES

DESIGN SUBJECT TO FOLLOWING:  
HIGHWAYS ENGINEER DESIGN AND COMMENT  
BEE & PC SURVEY  
BLUE DESIGN  
FLOOD RISK ASSESSMENT  
GEOLOGICAL INVESTIGATION  
LANDSCAPE ARCHITECTS DESIGN  
LEVELS REVIEW  
DRAINAGE DESIGN  
TREE DESIGN REVIEW

LIDL DESIGN BASED OFF OF LATEST BBS 2023 LIDL SPECIFICATION - FEBRUARY 2024

HIGHWAYS DRAWINGS BASED ON CORUN DRAWING: 23-00849 PL01 Rev 8 Potential Ghod Island Junction

**SCHEDULE OF AREAS (TYPE 1300)**

SALES	=1334 m <sup>2</sup>
WAREHOUSE	=410 m <sup>2</sup>
ANCILLARY	=218 m <sup>2</sup>
GIA	=1962 m <sup>2</sup>

- Legend**
- WS01 Window Sample & Installation
  - BH01 Cable tool hole
  - CBR1 CBR Test

**Notes**

- SITE ACCESS AND HIGHWAYS BASED ON CORUN HIGHWAYS DRAWING: 23-00849 PL01 Rev B
- PROPOSED LANDSCAPING BASED ON LANDSCAPE ARCHITECTS DESIGN. REFER TO CA 2024-RISCA-03 LANDSCAPE PROPOSAL OVERALL FOR MORE INFORMATION

Rev.	Date	Description	Drawn
W	23/01/2025	annotation moved	KA
Y	13/11/2024	Proposed landscaping scheme updated as per	KA
U	11/11/2024	Consolidation drawing: 173 CA-2024-RISCA-03 REV B	KA
S	06/11/2024	Proposed rear retaining wall location adjusted	KA
S	04/10/2024	Consolidation landscaping scheme	KA
S	04/10/2024	Lidl Flagpole added	KA

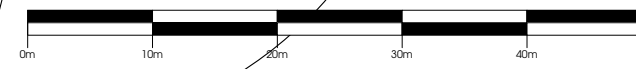
**htcarchitects**  
York Place Studio  
8 Britannia Street  
Leeds  
LS1 2DZ  
t:(0113) 244 3457  
w: www.htcarchitects.co.uk  
e: info@htcarchitects.co.uk

client  
**Lidl GB Ltd.**

project  
**Commercial Street  
Risca**

drawing title  
**Proposed Setting Out Plan**

date **September 2024**  
status **Planning**  
scale **1:500 @ A3**  
drawn **KA** checked **BM**  
job no. **3067** dwg no. **P402** rev. **W**



Revision	Approved	Date

Project Title  
**Lidl Risca**

Drawing Title  
**Proposed Indicative  
Layout**

Client  
**Lidl Great Britain Ltd**

Scale	Drawn	Size
as shown	LH	A4
Date	Job No.	Figure No.
27.01.25	1137.02	03





# APPENDIX A

## 1:2500 & 1:10000 Scale Historical Mapping

---

# 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** **342** **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)**  
**B.P. B.S. 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**  
**EIP 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** **W.Pt, W.T Water Point, Water Tap**  
**MS Mile Stone** **W Well**  
**NTL Normal Tidal Limit** **Wd Pp Wind Pump**

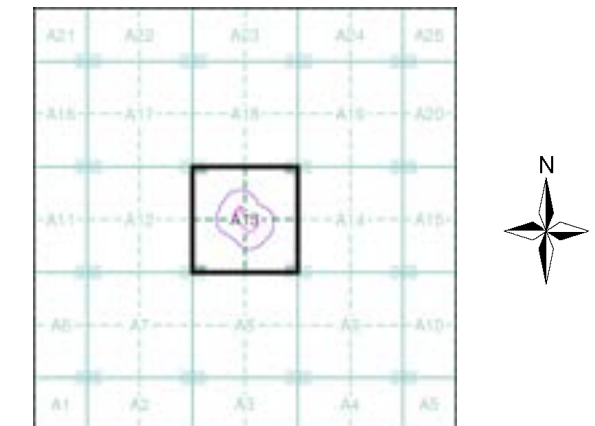
## Large-Scale National Grid Data 1:2,500 and 1:1,250

**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**  
**B.M. 231.604 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**  
**EIP 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** **W.Pt, W.T Water Point, Water Tap**  
**MH Manhole** **Wks Works (building or area)**  
**MP, MS Mile Post or Mile Stone** **W Well**

### Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Monmouthshire	1:2,500	1883	2
Monmouthshire	1:2,500	1901	3
Monmouthshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1965	5
Ordnance Survey Plan	1:2,500	1971	6
Additional SIMs	1:2,500	1977	7
Ordnance Survey Plan	1:1,250	1982	8
Additional SIMs	1:1,250	1982 - 1986	9
Additional SIMs	1:2,500	1986	10
Additional SIMs	1:1,250	1989	11
Large-Scale National Grid Data	1:1,250	1993	12
Large-Scale National Grid Data	1:1,250	1994	13
Large-Scale National Grid Data	1:1,250	1996	14

### Historical Map - Segment A13



### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly

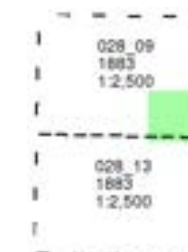
## Monmouthshire

Published 1883

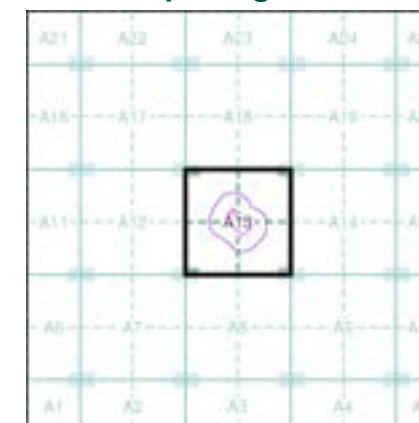
Source map scale - 1:2,500

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

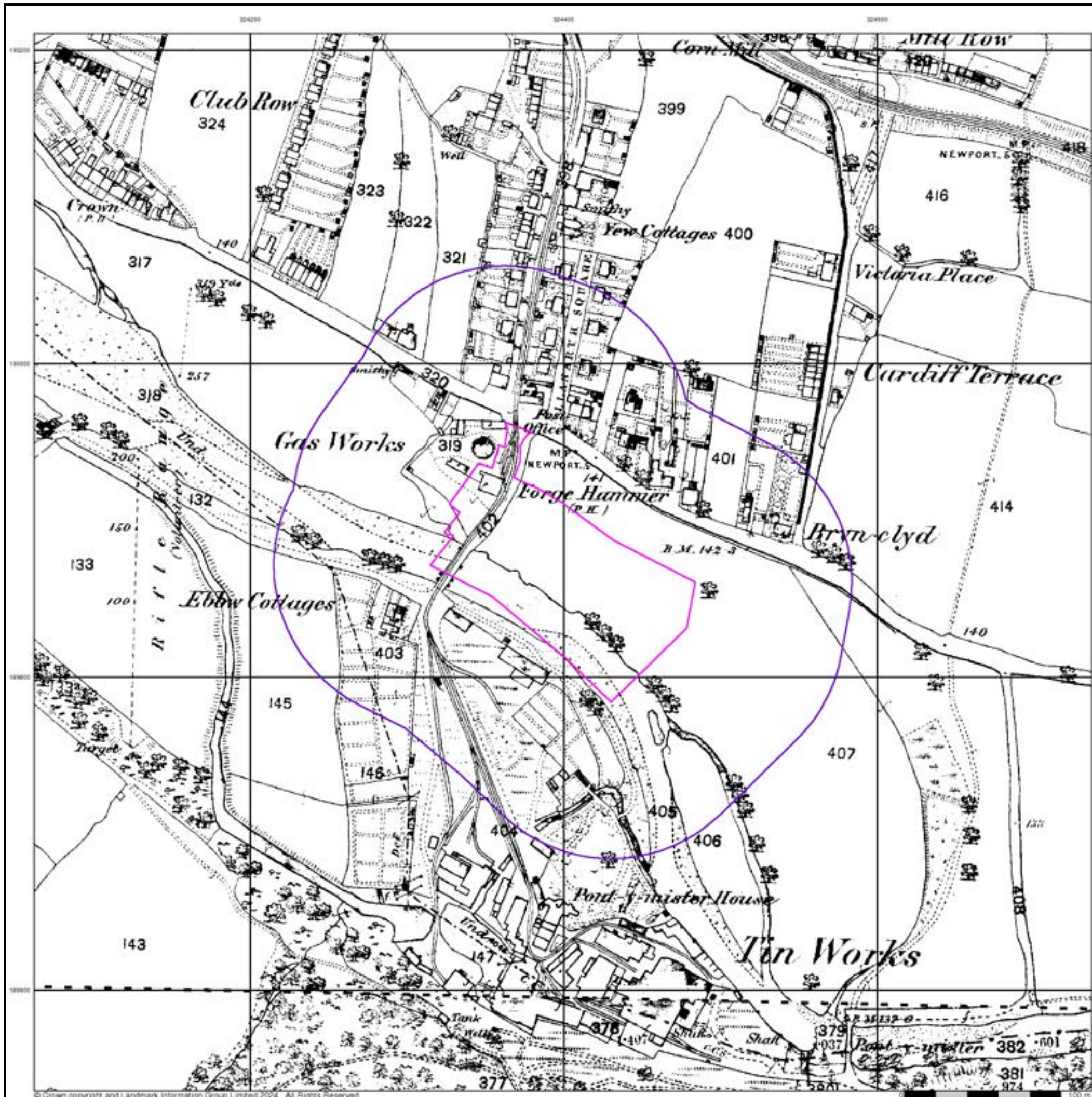


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 Slice: A  
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 Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



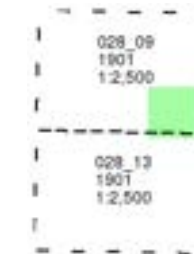
## Monmouthshire

Published 1901

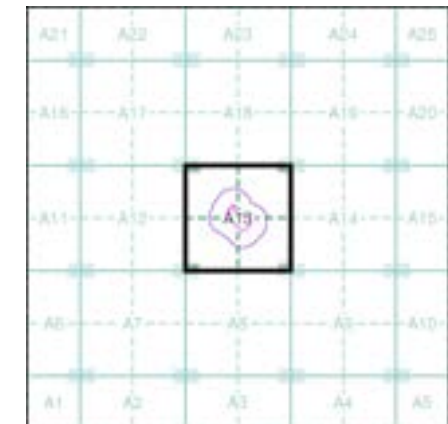
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

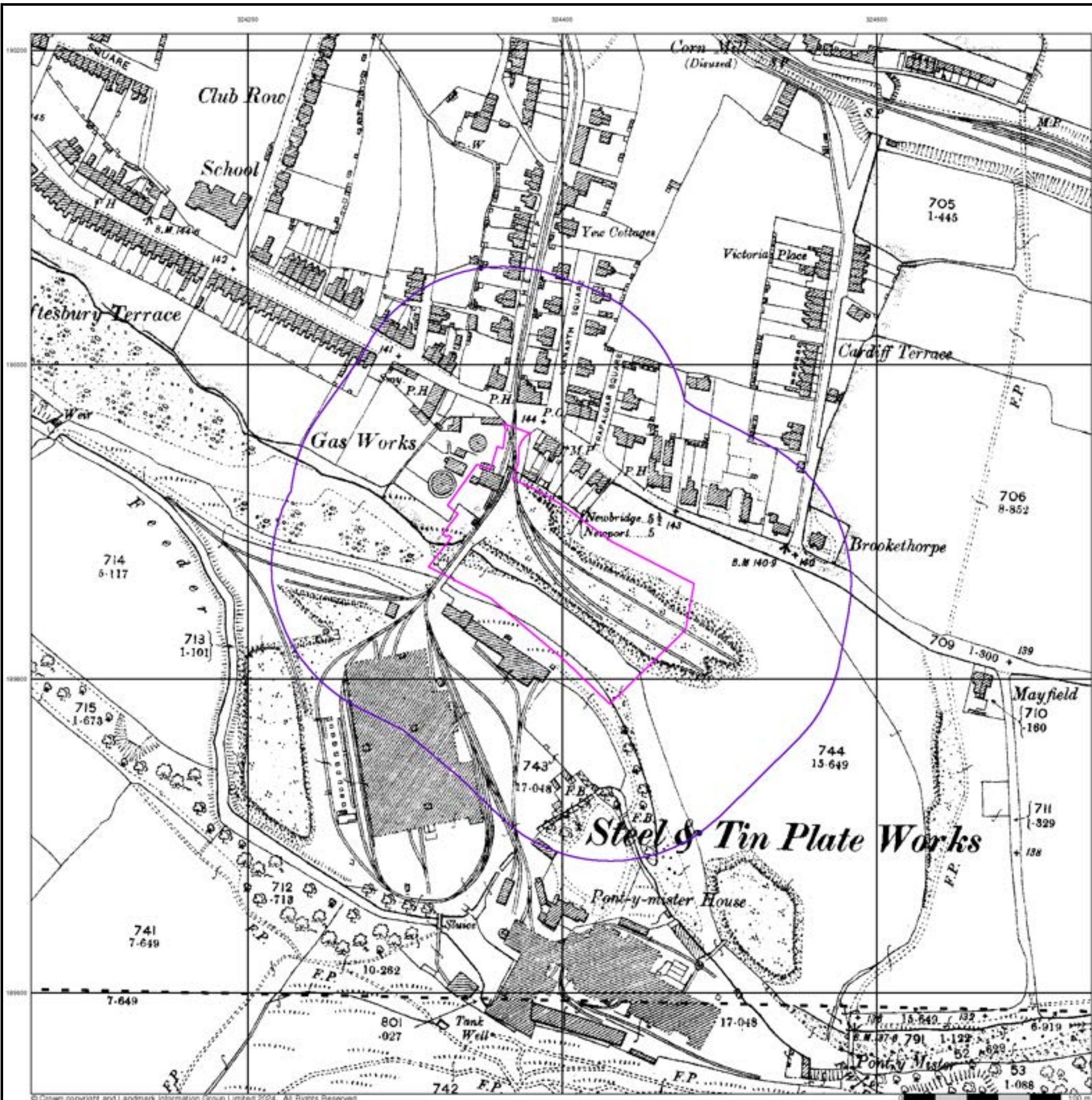


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



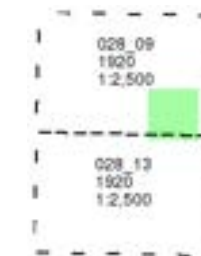
## Monmouthshire

Published 1920

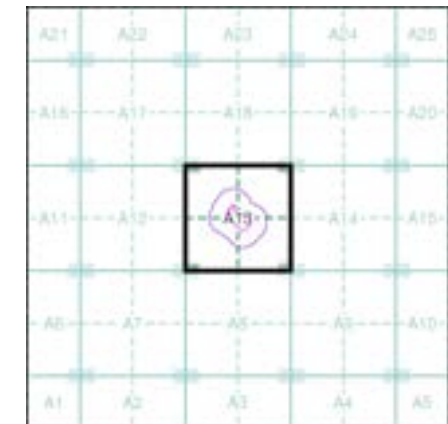
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

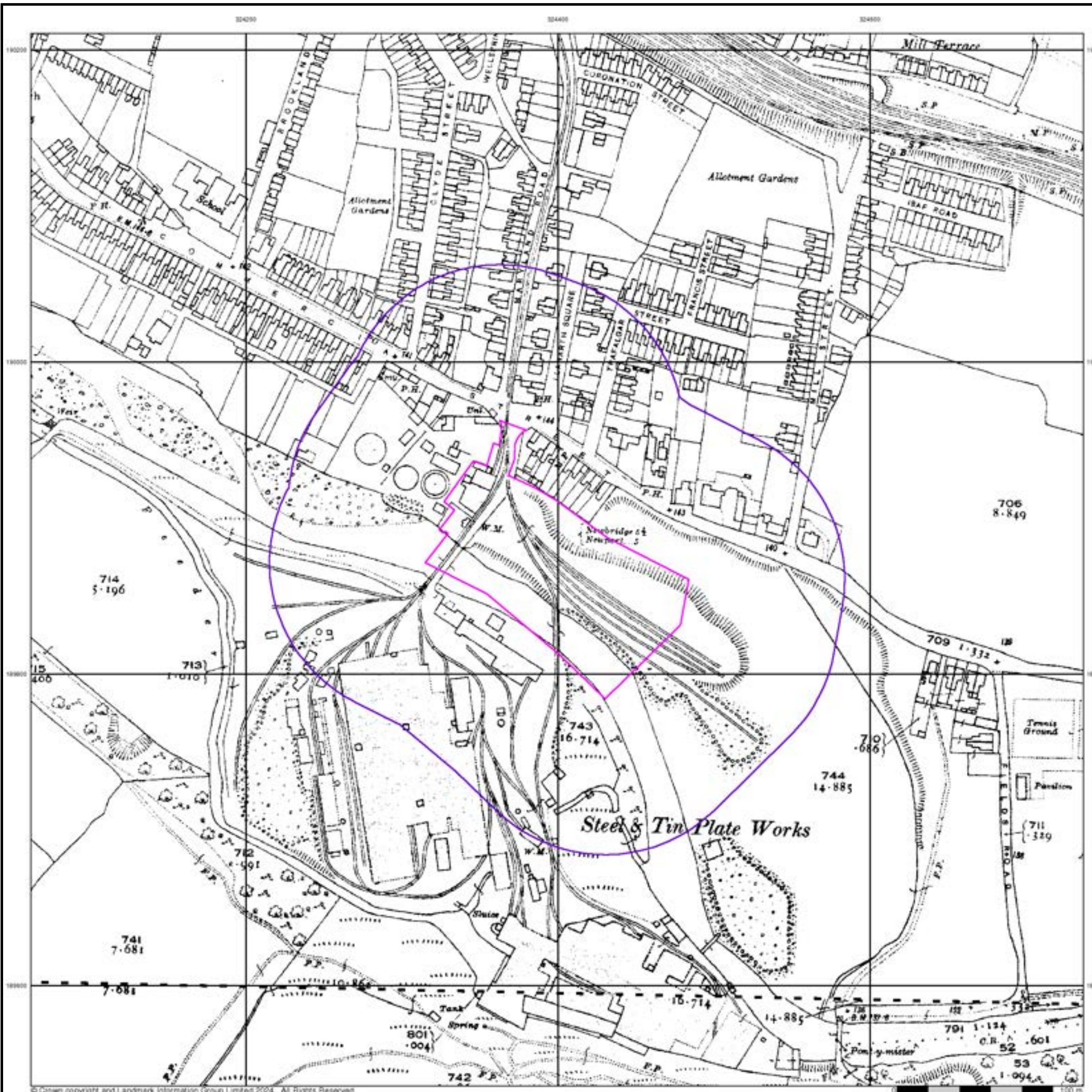


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



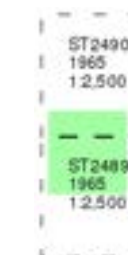
## Ordnance Survey Plan

Published 1965

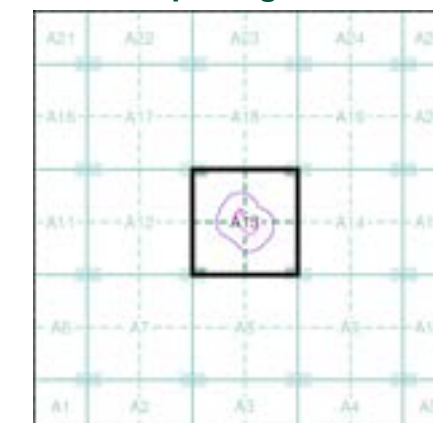
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

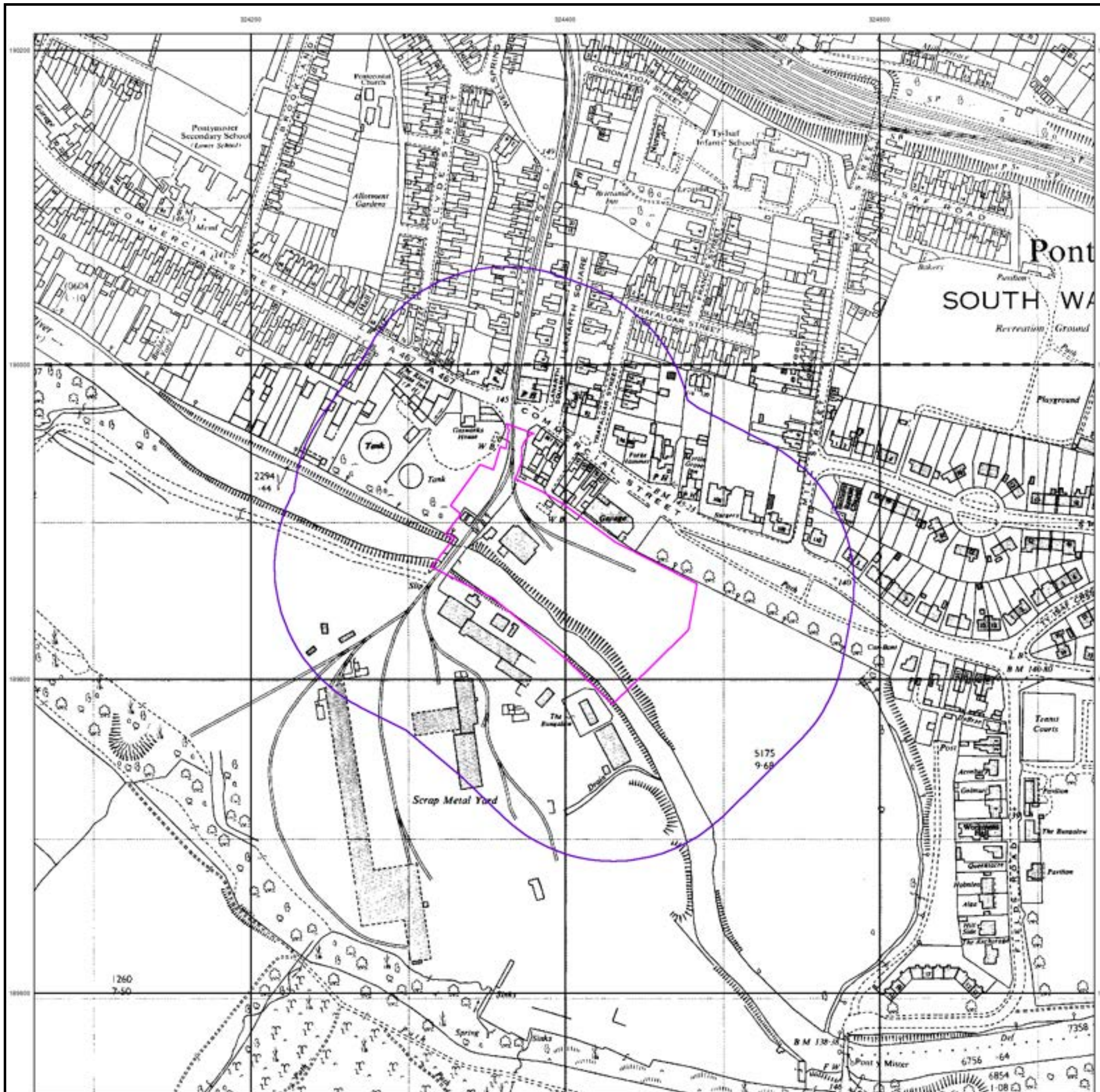


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



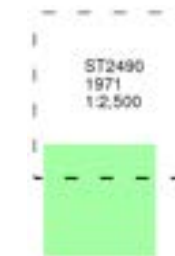
## Ordnance Survey Plan

Published 1971

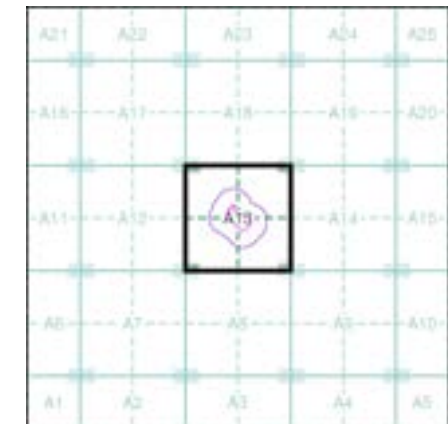
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly





## Additional SIMs

Published 1977

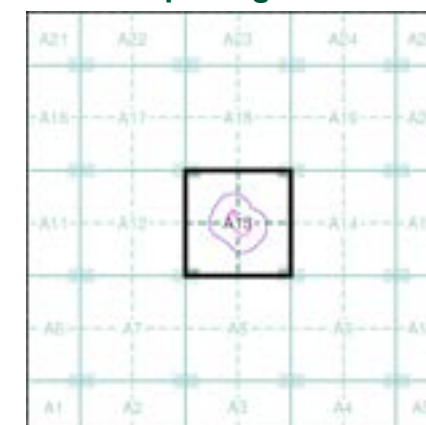
Source map scale - 1:2,500

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)

ST2490	1977	1:2,500
ST2489	1977	1:2,500

## Historical Map - Segment A13

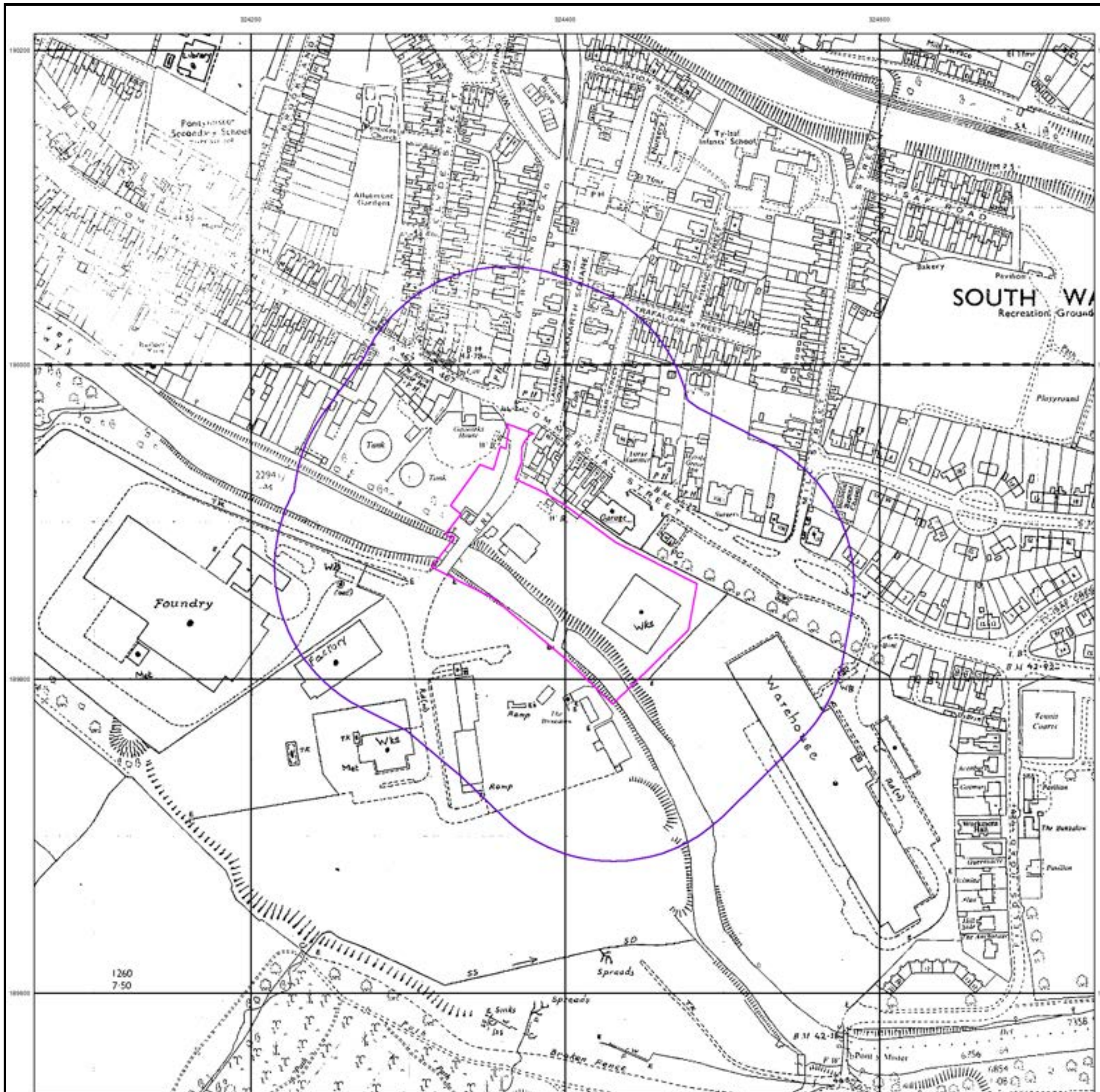


## Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

## Site Details

Site at, Risca, Caerphilly



## Ordnance Survey Plan

Published 1982

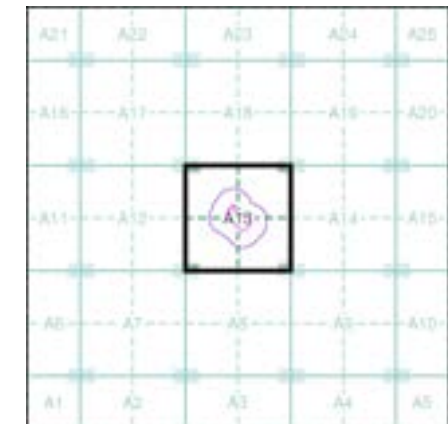
Source map scale - 1:1,250

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)

ST2490SW	ST2490SE
1982	1982
1:1,250	1:1,250
ST2489NW	ST2489NE
1982	1982
1:1,250	1:1,250

### Historical Map - Segment A13

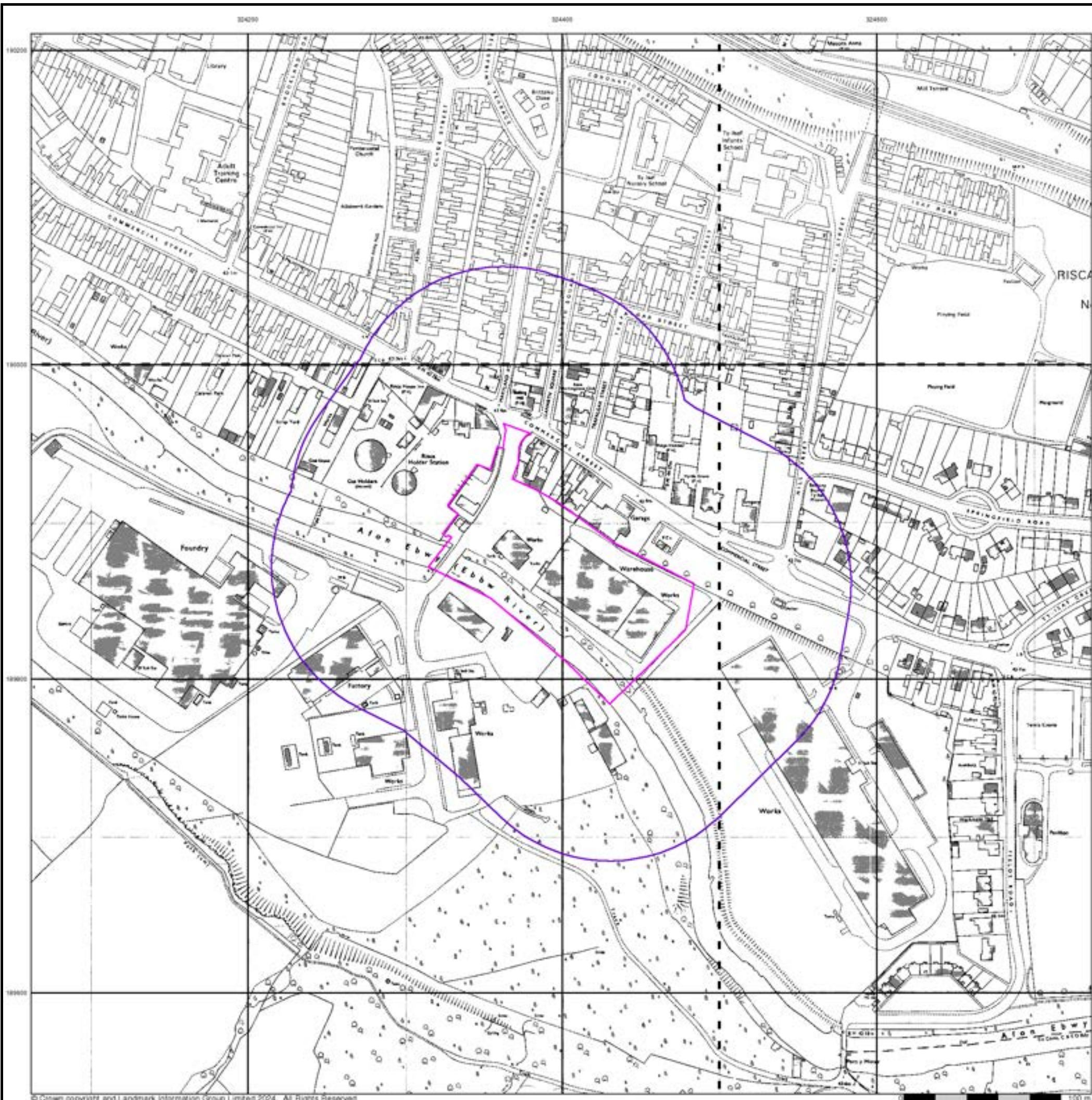


### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



## Additional SIMs

Published 1982 - 1986

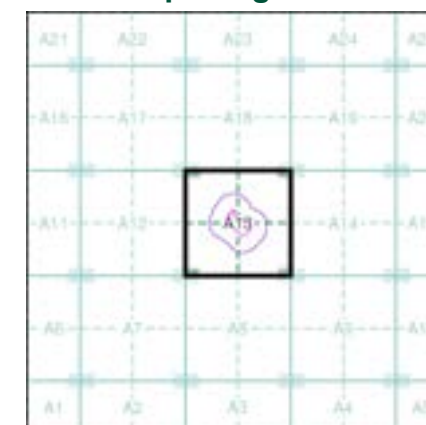
Source map scale - 1:1,250

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)

ST2490SW	1982	1:1,250
ST2489NW	1986	1:1,250
ST2489NE	1986	1:1,250

## Historical Map - Segment A13



## Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

## Site Details

Site at, Risca, Caerphilly





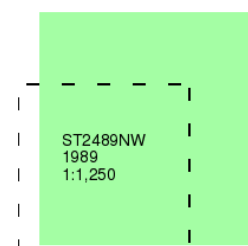
## Additional SIMs

Published 1989

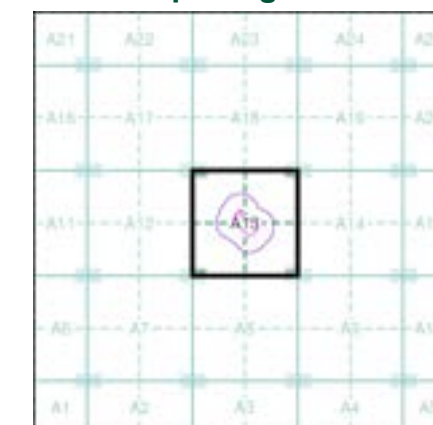
Source map scale - 1:1,250

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)



## Historical Map - Segment A13



## Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

## Site Details

Site at, Risca, Caerphilly



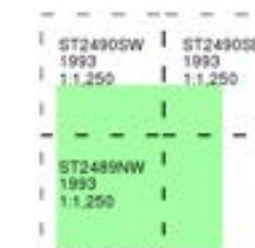
## Large-Scale National Grid Data

Published 1993

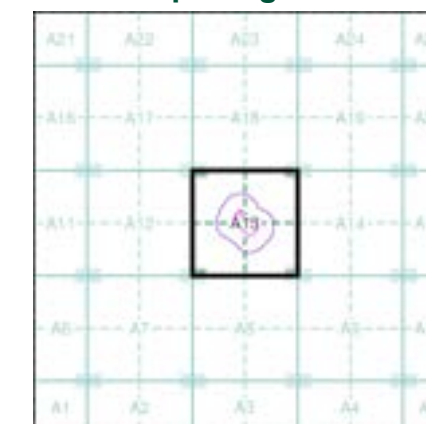
Source map scale - 1:1,250

'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)



### Historical Map - Segment A13



### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



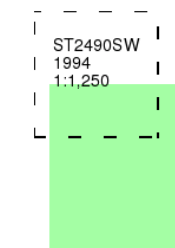
## Large-Scale National Grid Data

Published 1994

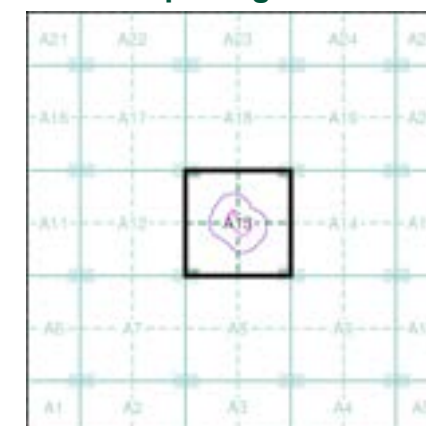
Source map scale - 1:1,250

'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)



### Historical Map - Segment A13

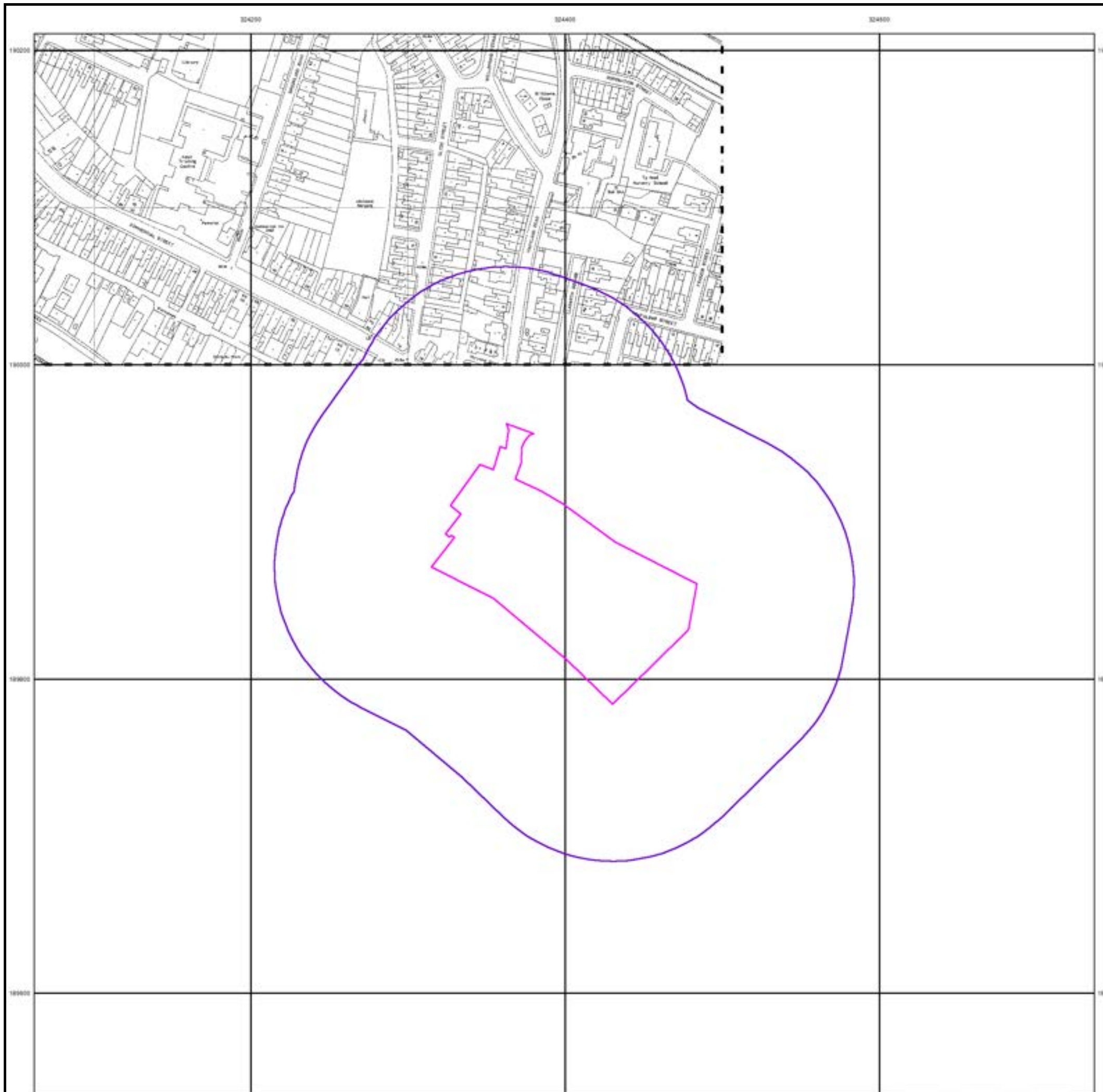


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly



## Large-Scale National Grid Data

Published 1996

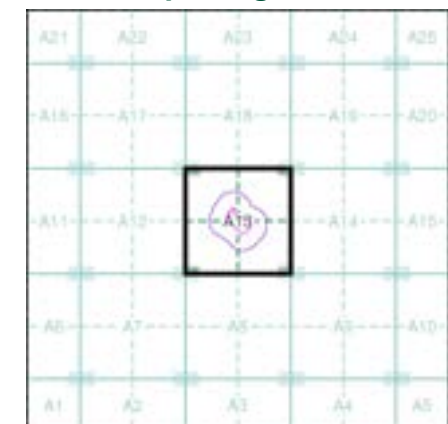
Source map scale - 1:1,250

'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)



### Historical Map - Segment A13



### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 100

### Site Details

Site at, Risca, Caerphilly





# 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, 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, Borough, Burgh or County Constituency, Borough, Burgh or County Constituency (Shows only when not coincident with other boundaries), Civil Parish, Boundary Post or Stone, Church, Club House, Fire Engine Station, Foot Bridge, Fountain, Guide Post, Mile Post, Mile Stone, Police Station, Post Office, Public Convenience, Public House, Signal Box, Spring, Telephone Call Box, Telephone Call Post, Well, General Building, Important Building

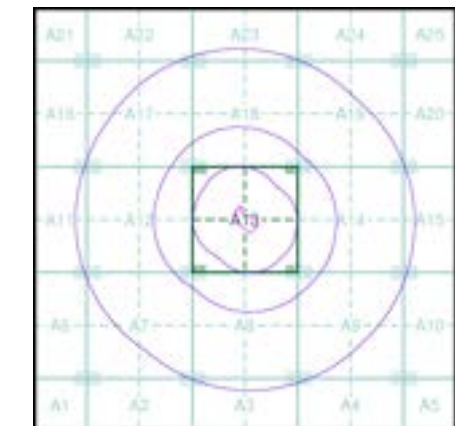
## 1:10,000 Raster Mapping

Gravel Pit, Refuse tip or slag heap, Rock, Rock (scattered), Boulders, Boulders (scattered), Shingle, 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), District, Unitary, Metropolitan, London Borough boundary, Civil, parish or community 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, Mean high water (springs), 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

### Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Monmouthshire	1:10,560	1886	2
Monmouthshire	1:10,560	1902	3
Monmouthshire	1:10,560	1922	4
Monmouthshire	1:10,560	1938	5
Monmouthshire	1:10,560	1948 - 1953	6
Ordnance Survey Plan	1:10,000	1964 - 1965	7
Ordnance Survey Plan	1:10,000	1969	8
Ordnance Survey Plan	1:10,000	1971 - 1972	9
Ordnance Survey Plan	1:10,000	1982 - 1984	10
Ordnance Survey Plan	1:10,000	1991 - 1993	11
10K Raster Mapping	1:10,000	1999	12
Street View	Variable		13

### Historical Map - Slice A



### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly

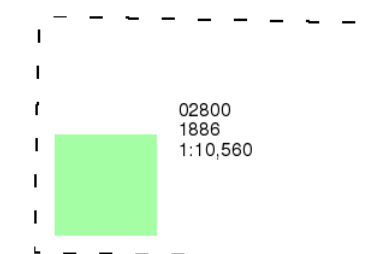
## Monmouthshire

Published 1886

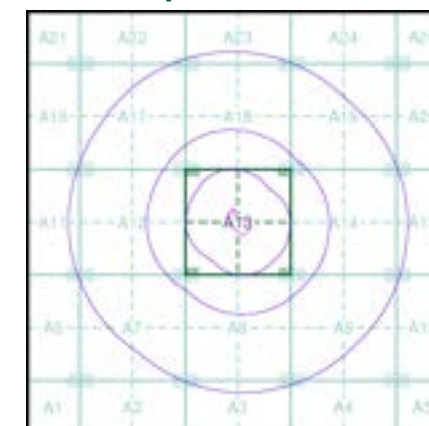
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

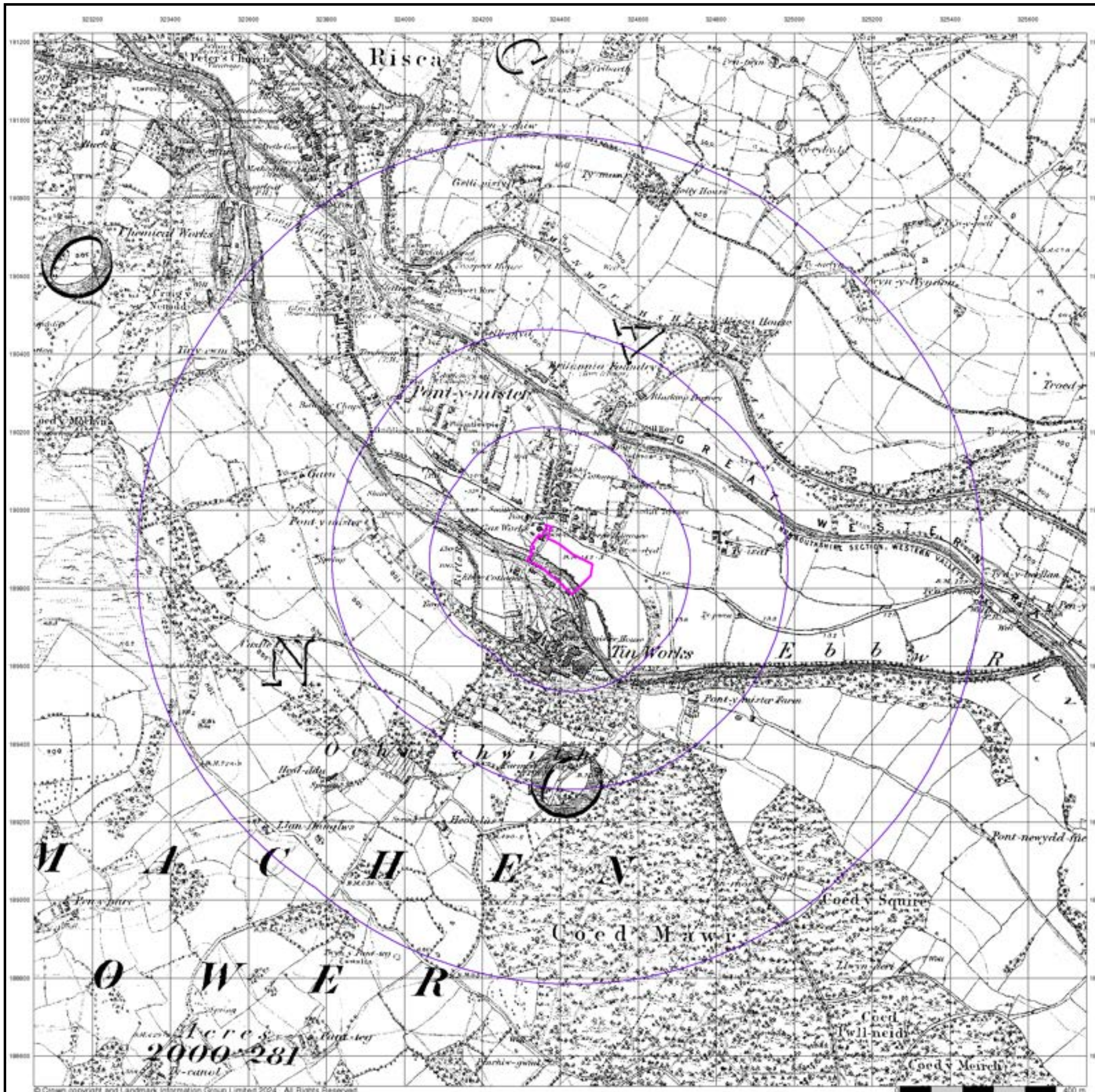


### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



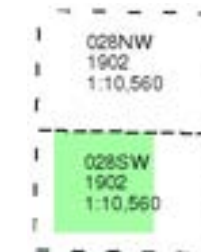
## Monmouthshire

Published 1902

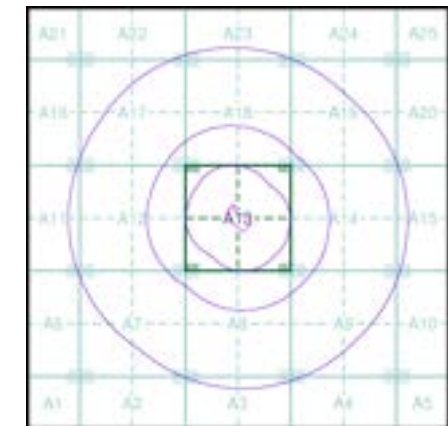
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

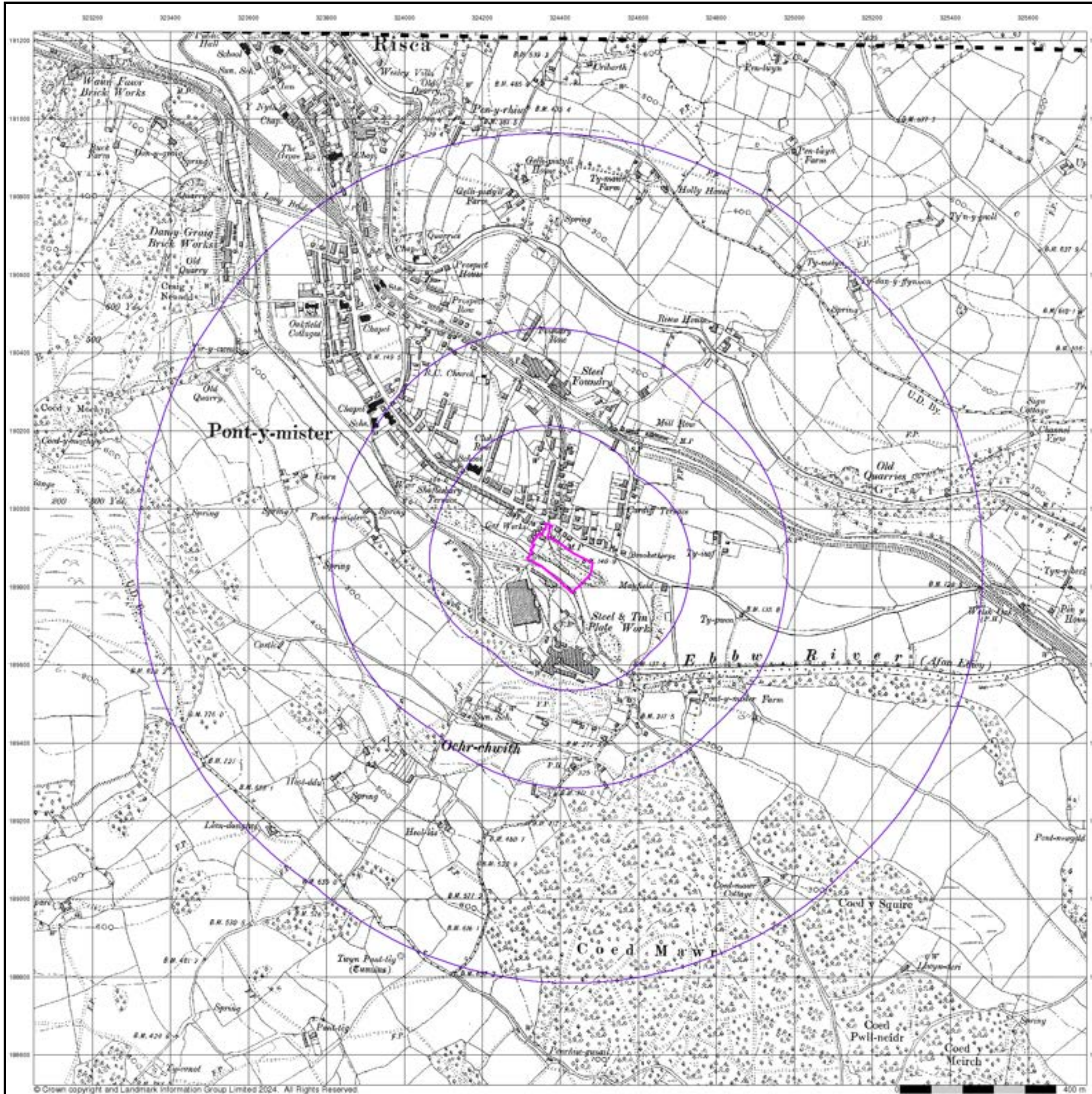


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



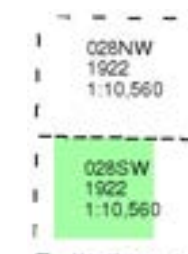
## Monmouthshire

Published 1922

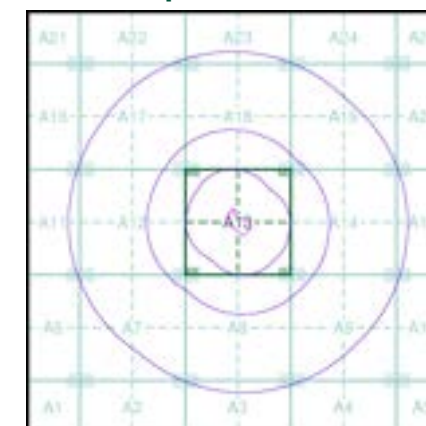
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

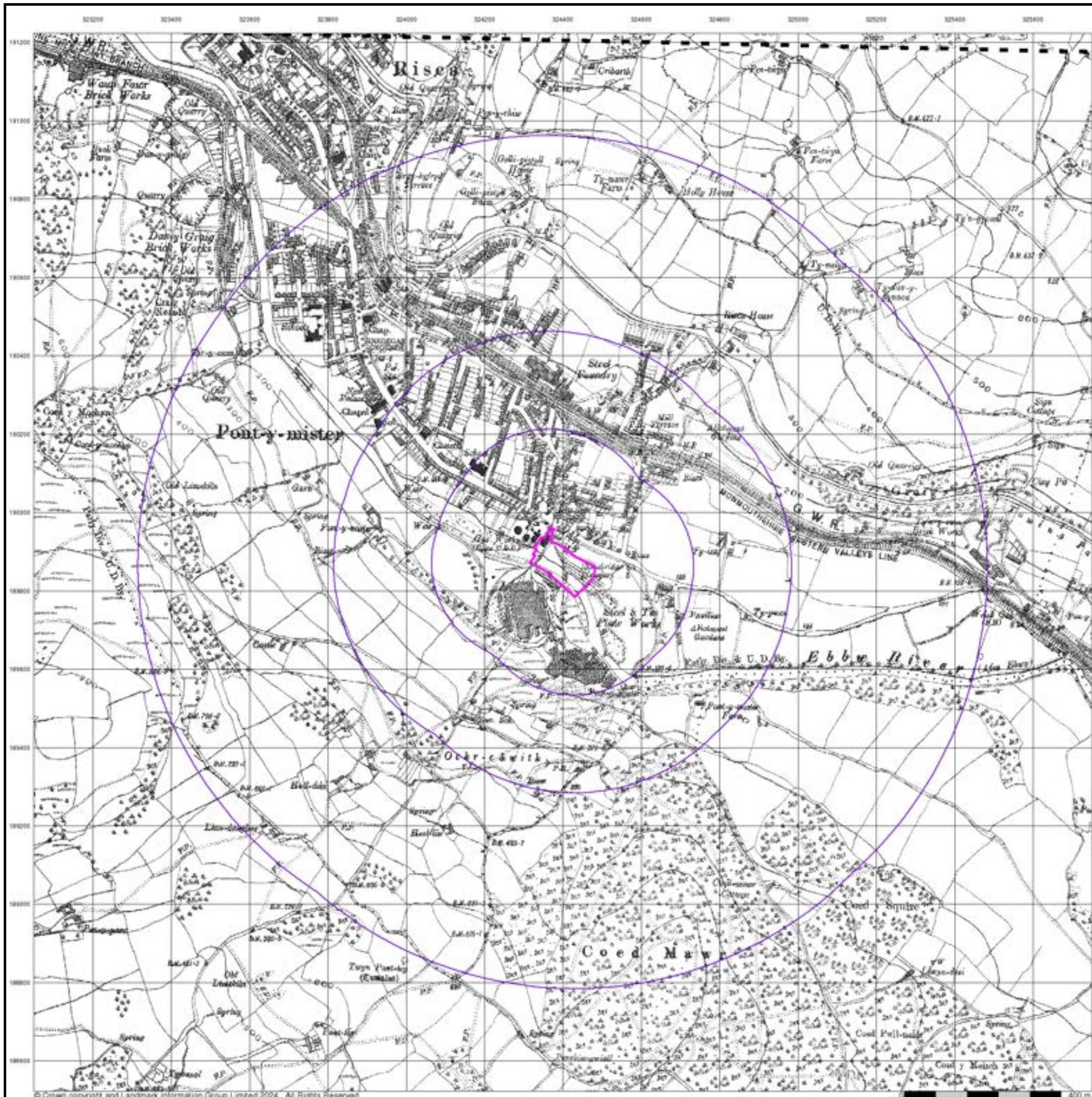


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



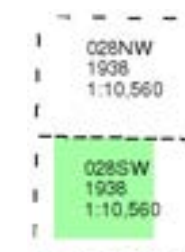
## Monmouthshire

Published 1938

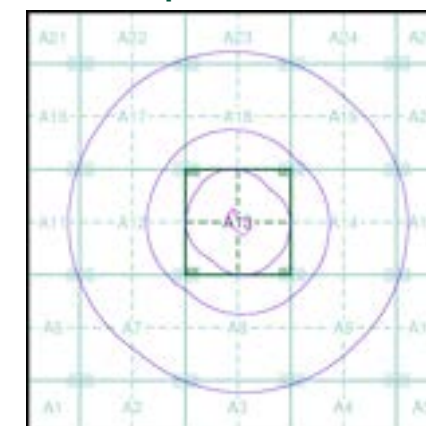
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

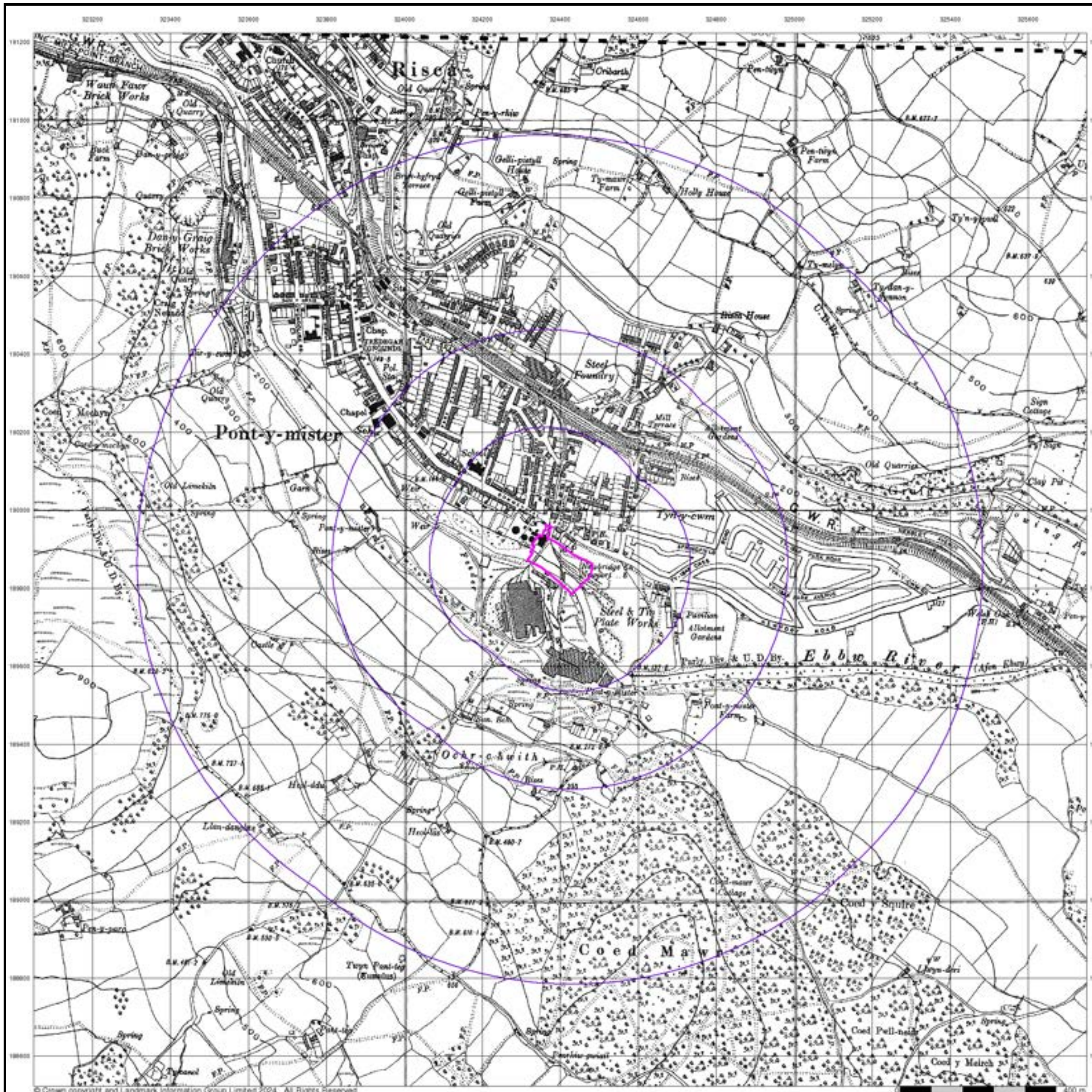


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



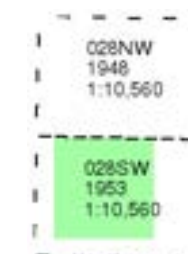
## Monmouthshire

Published 1948 - 1953

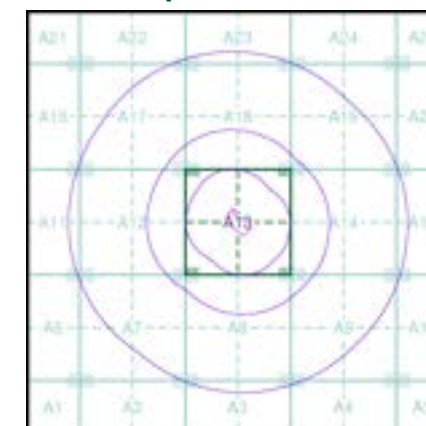
Source map scale - 1:10,560

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)



### Historical Map - Slice A

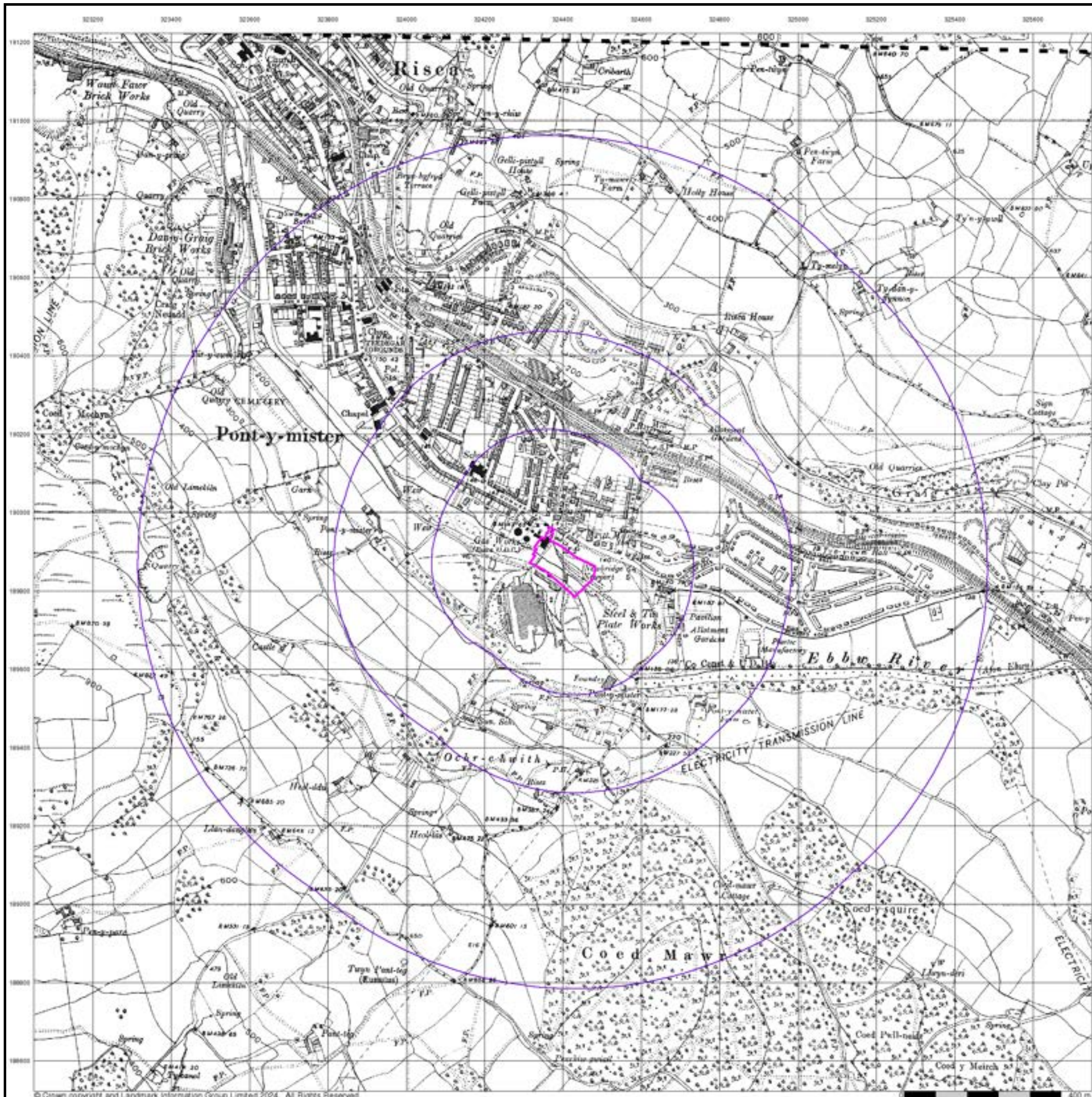


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



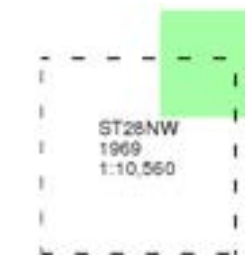
## Ordnance Survey Plan

Published 1969

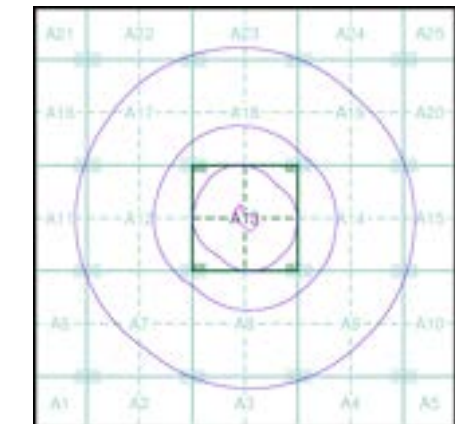
Source map scale - 1:10,000

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

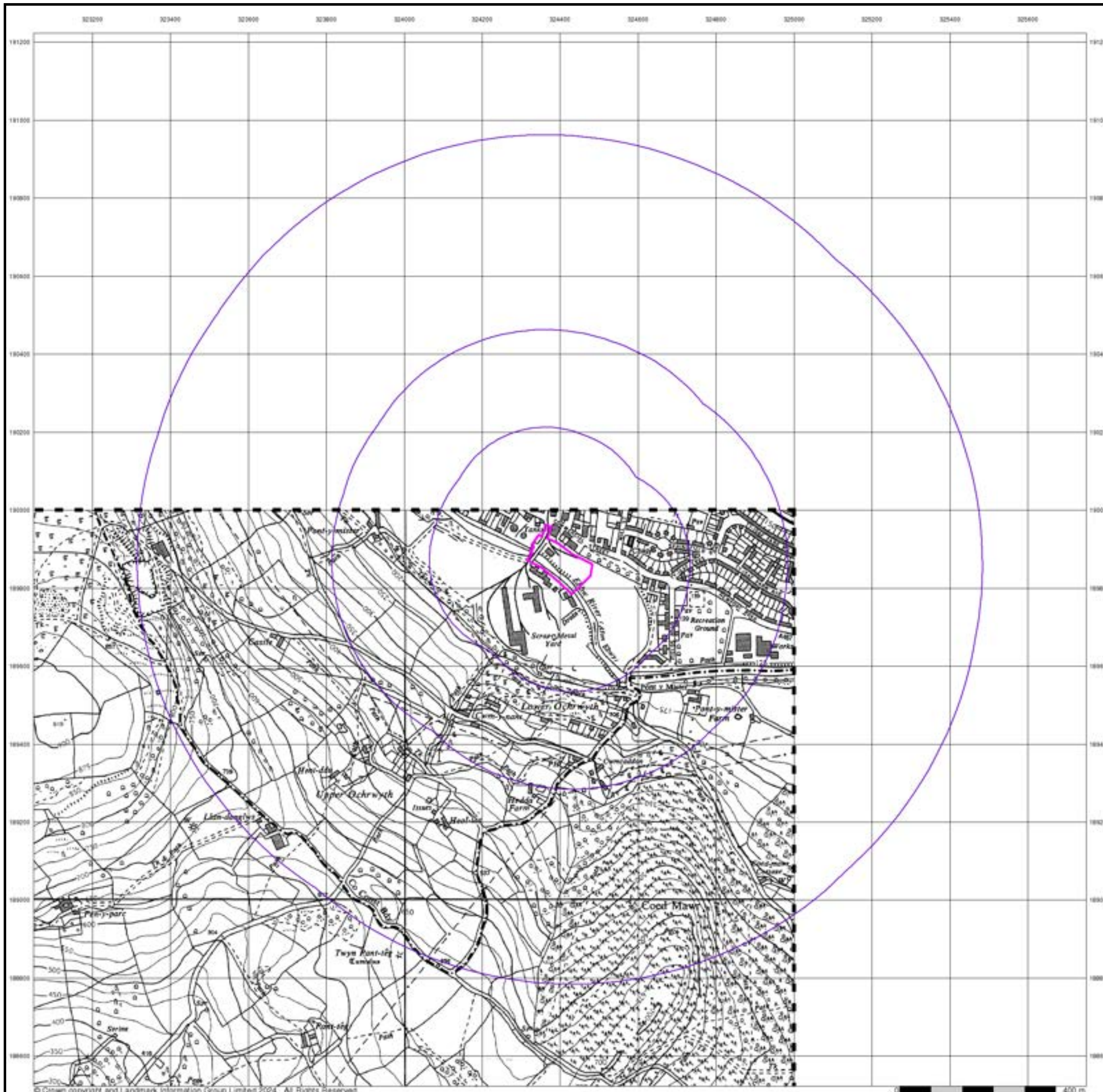


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly




## Ordnance Survey Plan

Published 1971 - 1972

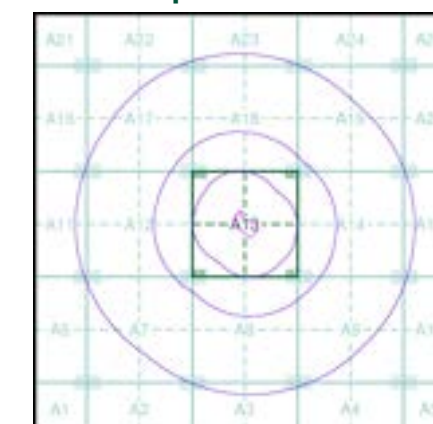
Source map scale - 1:10,000

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)

ST29SW 1971 1:10,000	ST29SE 1972 1:10,000
	
ST28NE 1972 1:10,000	

### Historical Map - Slice A

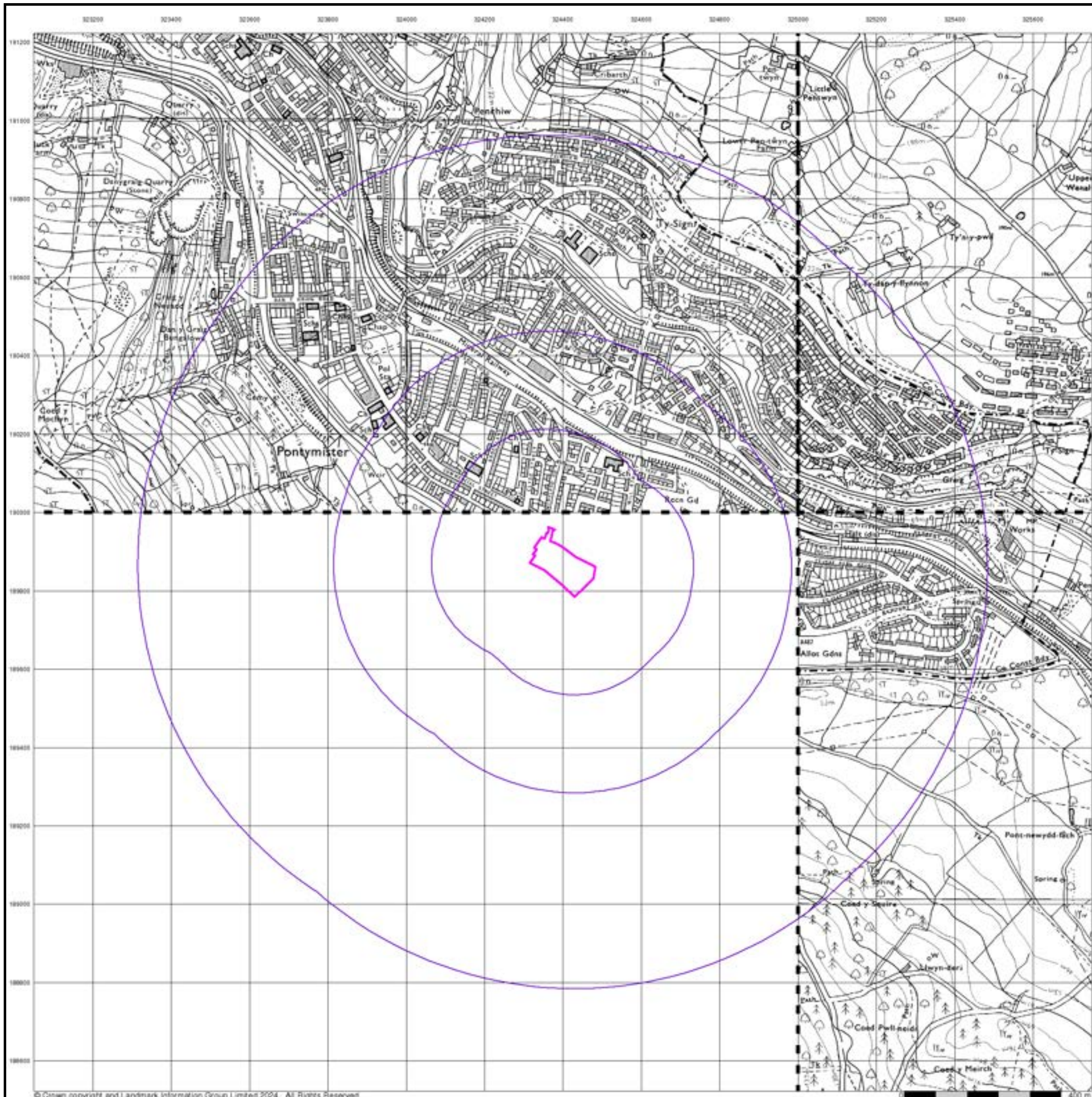


### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly





## Ordnance Survey Plan

Published 1982 - 1984

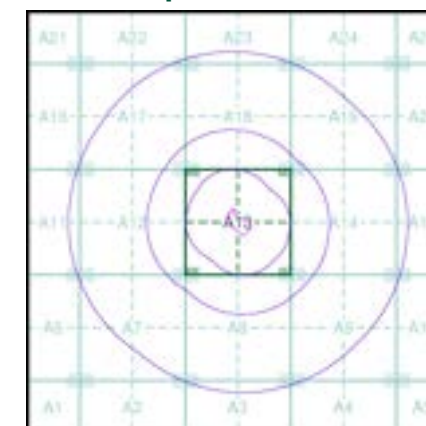
Source map scale - 1:10,000

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)

ST29SE	1984	1:10,000
ST26NE	1982	1:10,000

### Historical Map - Slice A

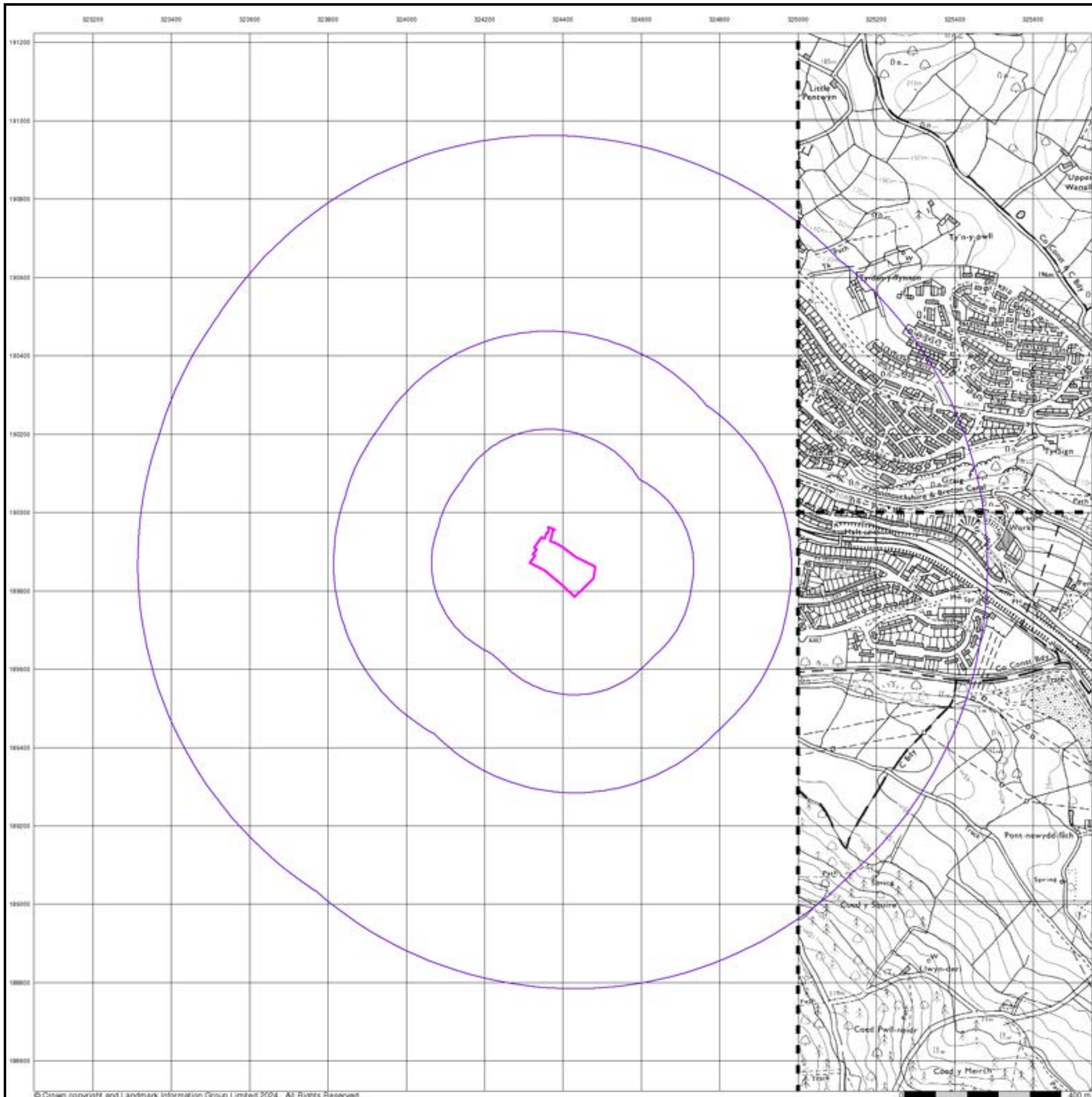


### Order Details

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Customer Ref: 1137-02  
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Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



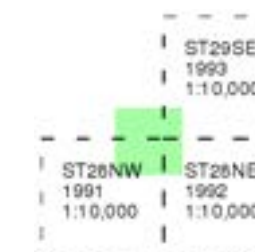
## Ordnance Survey Plan

Published 1991 - 1993

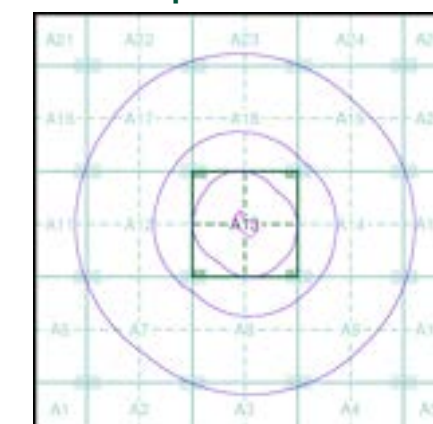
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)



### Historical Map - Slice A

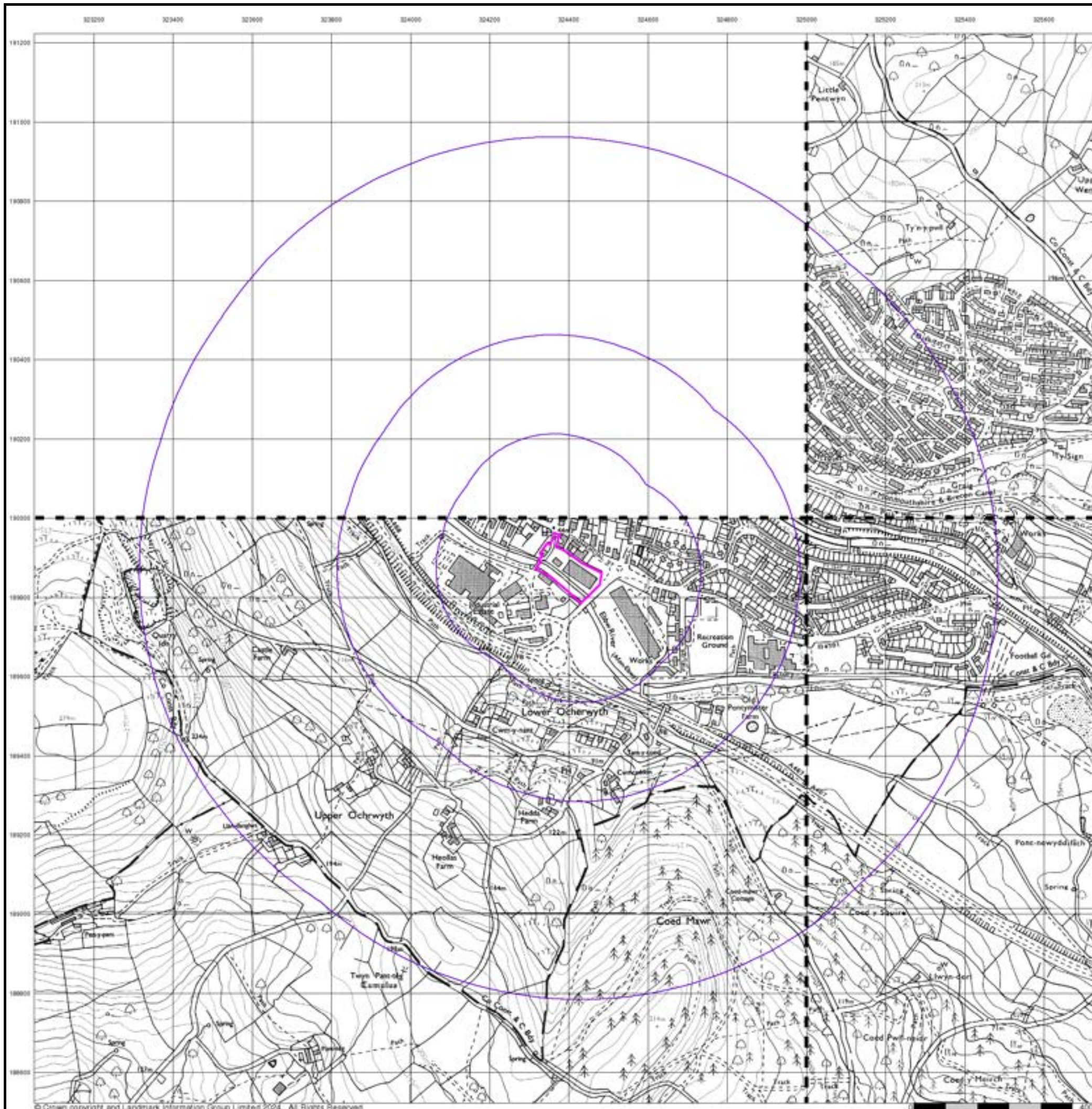


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Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



## 10k Raster Mapping

Published 1999

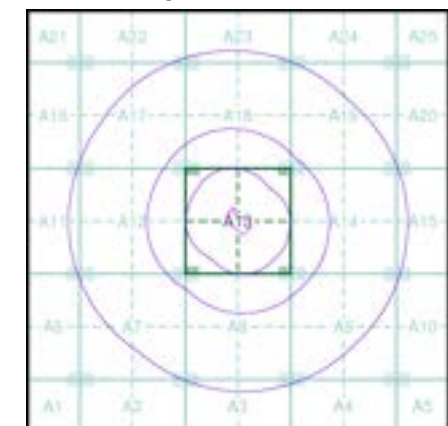
Source map scale - 1:10,000

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)

ST29SW	ST29SE
1999	1999
1:10,000	1:10,000
ST28NW	ST28NE
1999	1999
1:10,000	1:10,000

### Historical Map - Slice A

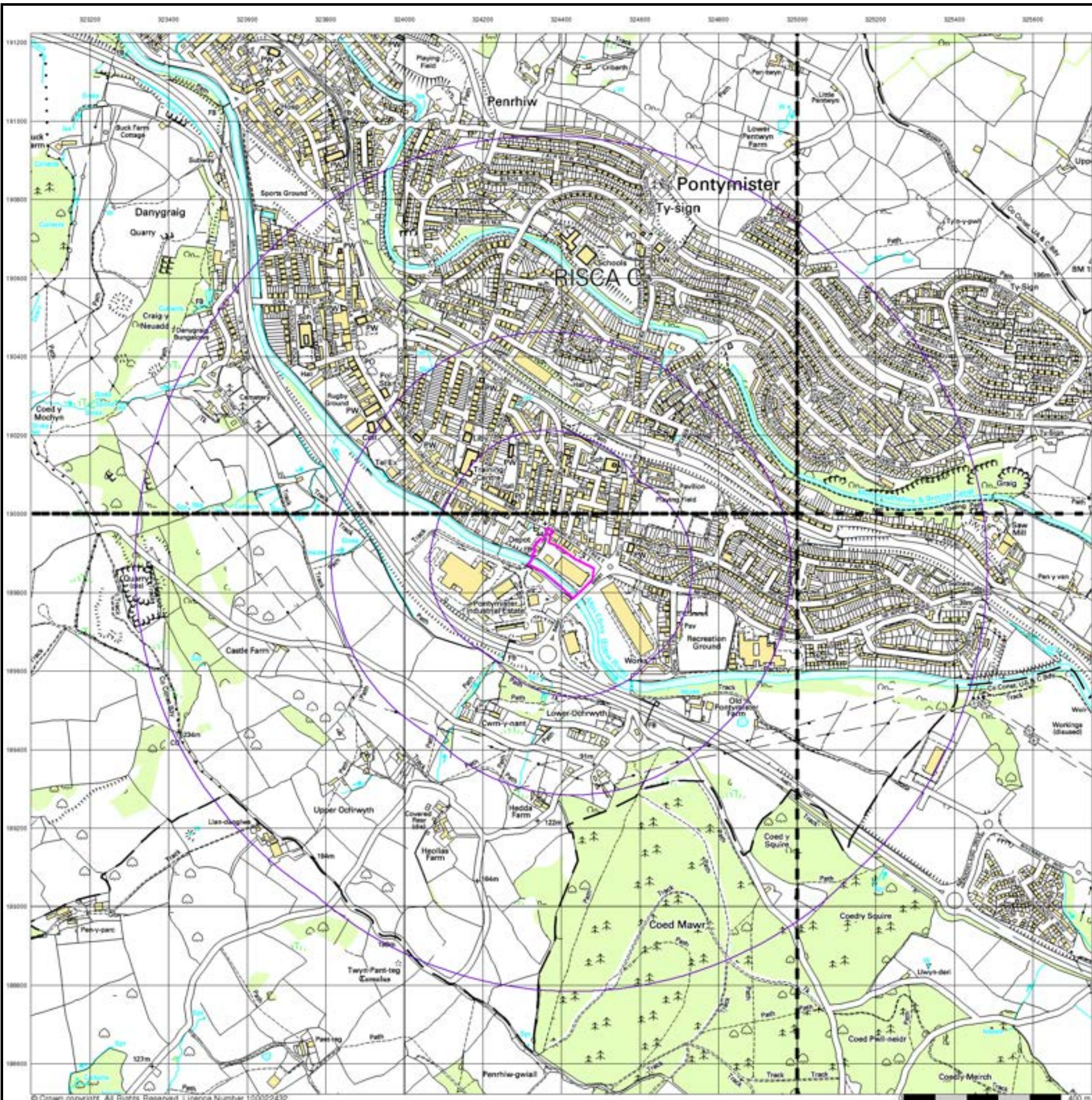


### Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



## Street View

Published 2024

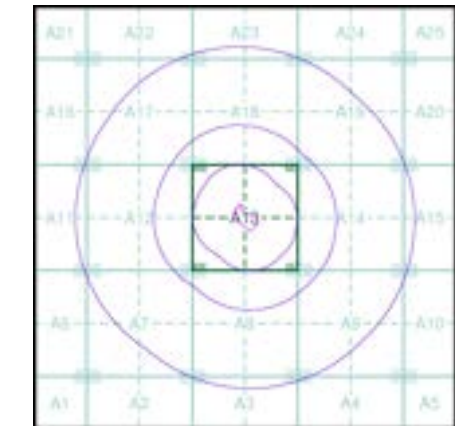
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

## Map Name(s) and Date(s)



## Street View Map - Slice A

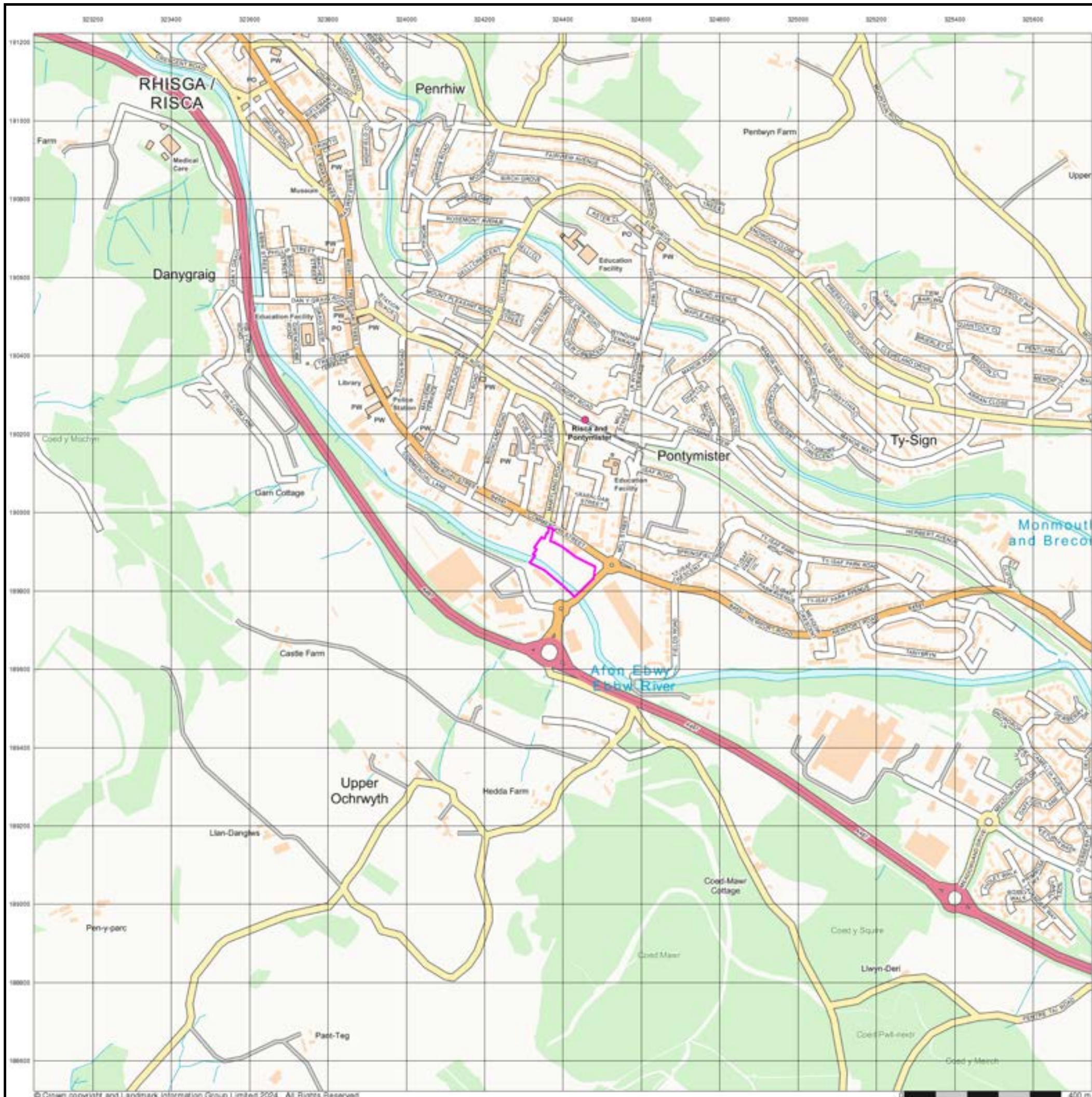


## Order Details

Order Number: 352553579\_1\_1  
Customer Ref: 1137-02  
National Grid Reference: 324400, 189870  
Slice: A  
Site Area (Ha): 1.3  
Search Buffer (m): 1000

## Site Details

Site at, Risca, Caerphilly










# APPENDIX B

## Envirocheck Report – Mapping















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## Geology 1:50,000 Maps Legends

### 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
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	ALF	Alluvial Fan Deposits	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BD	Brithdir Member	Sandstone	Not Supplied - Westphalian
	DER	Deri Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Sandstone	Not Supplied - Westphalian
	RA	Rhondda Member	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWLCM	South Wales Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	TWR	Twrch Sandstone Formation	Sandstone	Not Supplied - Namurian
	MARR	Marros Group	Mudstone, Sandstone and Conglomerate	Not Supplied - Namurian
	CCL	Castell Coch Limestone Formation	Limestone	Not Supplied - Tournaisian
	CCM	Cwmynicoy Mudstone Formation	Mudstone	Not Supplied - Tournaisian
	PEMB	Pembroke Limestone Group	Limestone, Dolomitic	Not Supplied - Tournaisian
	QCG	Quartz Conglomerate	Sandstone	Not Supplied -

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Group (South Wales)		Famennian
	QCG	Quartz Conglomerate Group (South Wales)	Sandstone and Conglomerate, Interbedded	Not Supplied - Famennian
	BRS	Brownstones Formation	Sandstone and [Subequal/subordinate] Argillaceous Rocks, Interbedded	Not Supplied - Lochkovian
	SMG	St Maughans Formation	Argillaceous Rocks and [Subequal/Subordinate] Sandstone, Interbedded	Not Supplied - Early Devonian
	SMG	St Maughans Formation	Sandstone	Not Supplied - Early Devonian
	RG	Raglan Mudstone Formation	Mudstone and Sandstone, Interbedded	Not Supplied - Pridoli
	BFLS	Bishop's Frome Limestone Member	Silicate-Conglomerate, Calcite-Cemented (Calcrete)	Not Supplied - Silurian
		Faults		
		Rock Segments		

### Geology 1:50,000 Maps

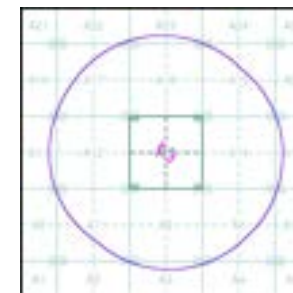
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	249
Map Name:	Newport
Map Date:	1969
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

### Geology 1:50,000 Maps - Slice A

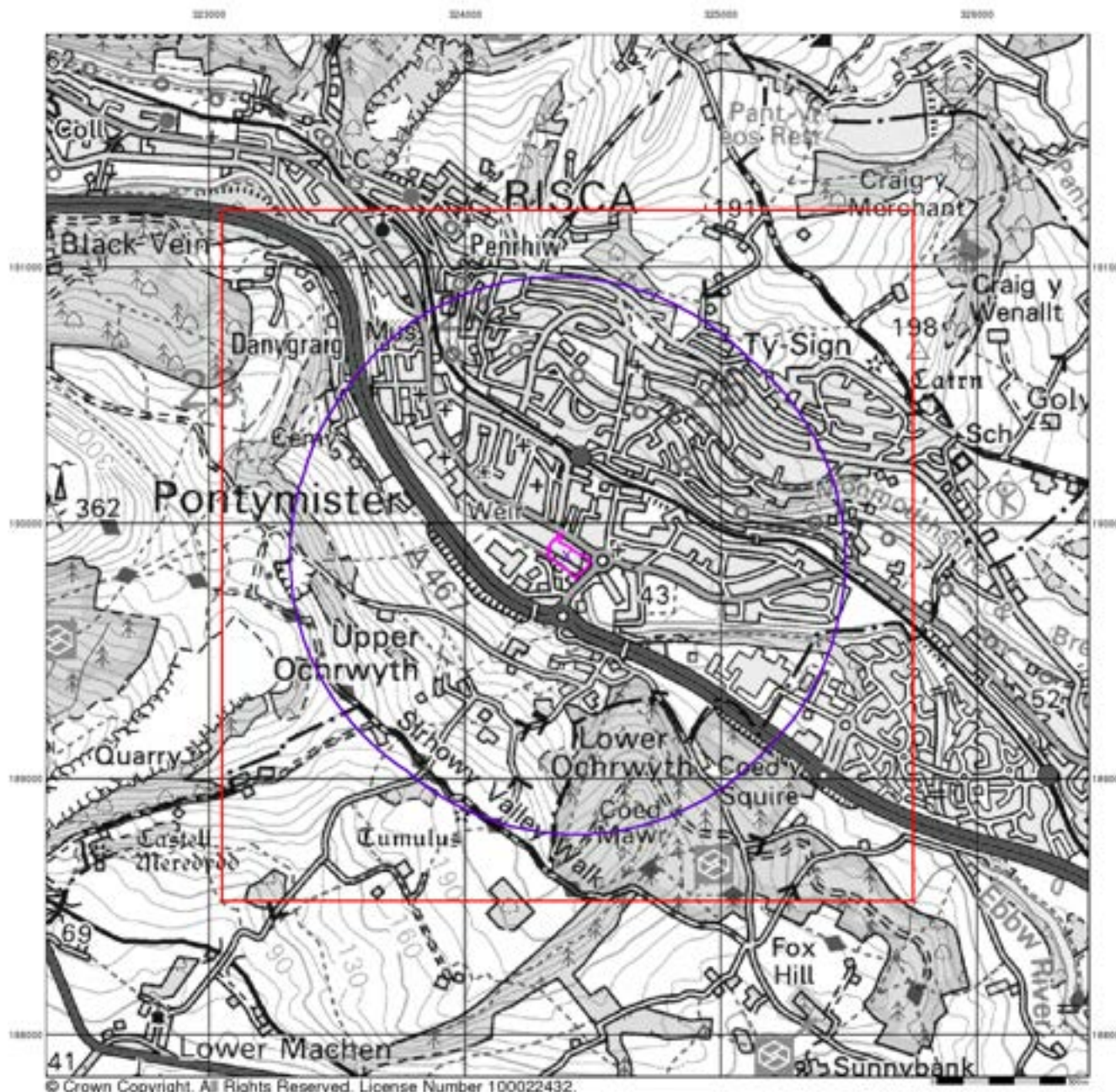


### Order Details:

Order Number:	352553579_1_1
Customer Reference:	1137-02
National Grid Reference:	324400, 189870
Site:	A
Site Area (Ha):	1.3
Search Buffer (m):	1000

### Site Details:

Site at, Risca, Caerphilly



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## Artificial Ground and Landslip

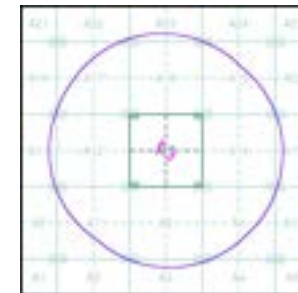
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice A

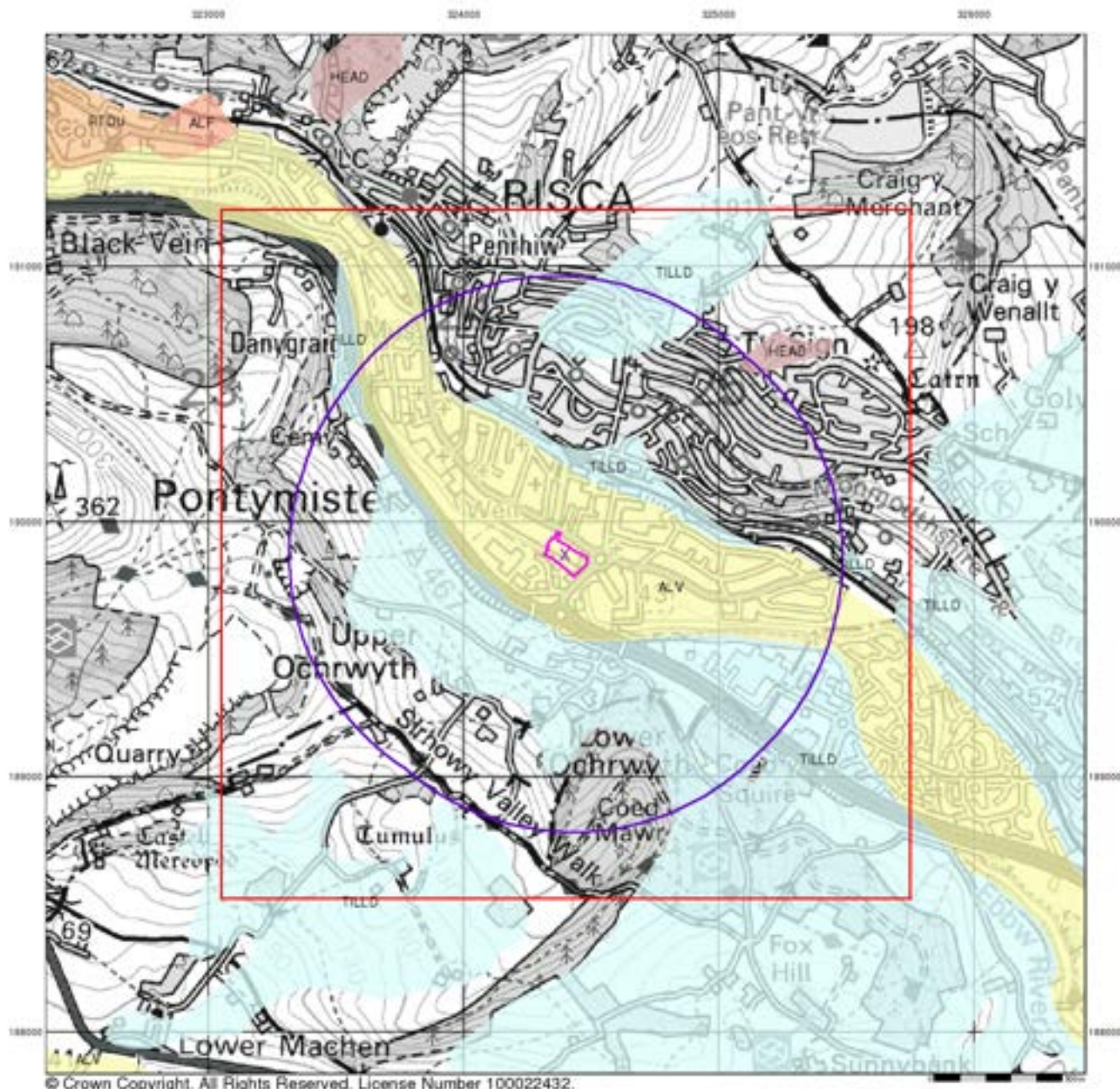


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Customer Reference:	1137-02
National Grid Reference:	324400, 189870
Slice:	A
Site Area (Ha):	1.3
Search Buffer (m):	1000

### Site Details:

Site at, Risca, Caerphilly



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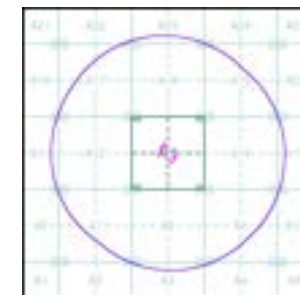
## Superficial Geology

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:

Order Number:	352553579_1_1
Customer Reference:	1137-02
National Grid Reference:	324400, 189870
Slice:	A
Site Area (Ha):	1.3
Search Buffer (m):	1000

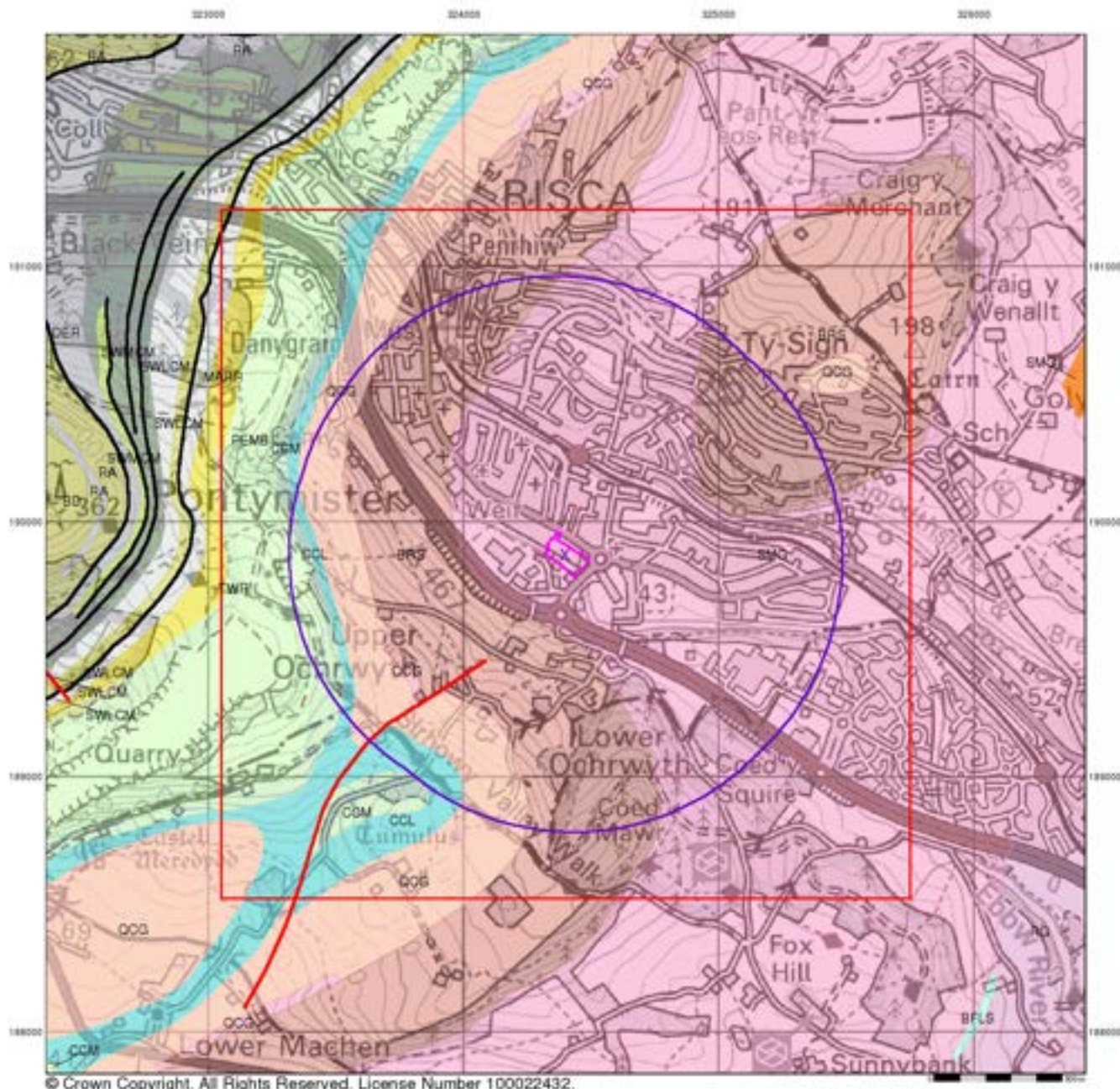
### Site Details:

Site at, Risca, Caerphilly

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## Bedrock and Faults

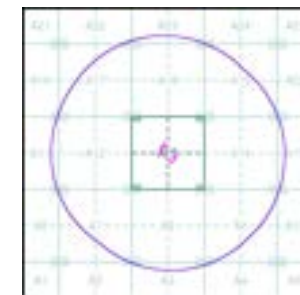
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

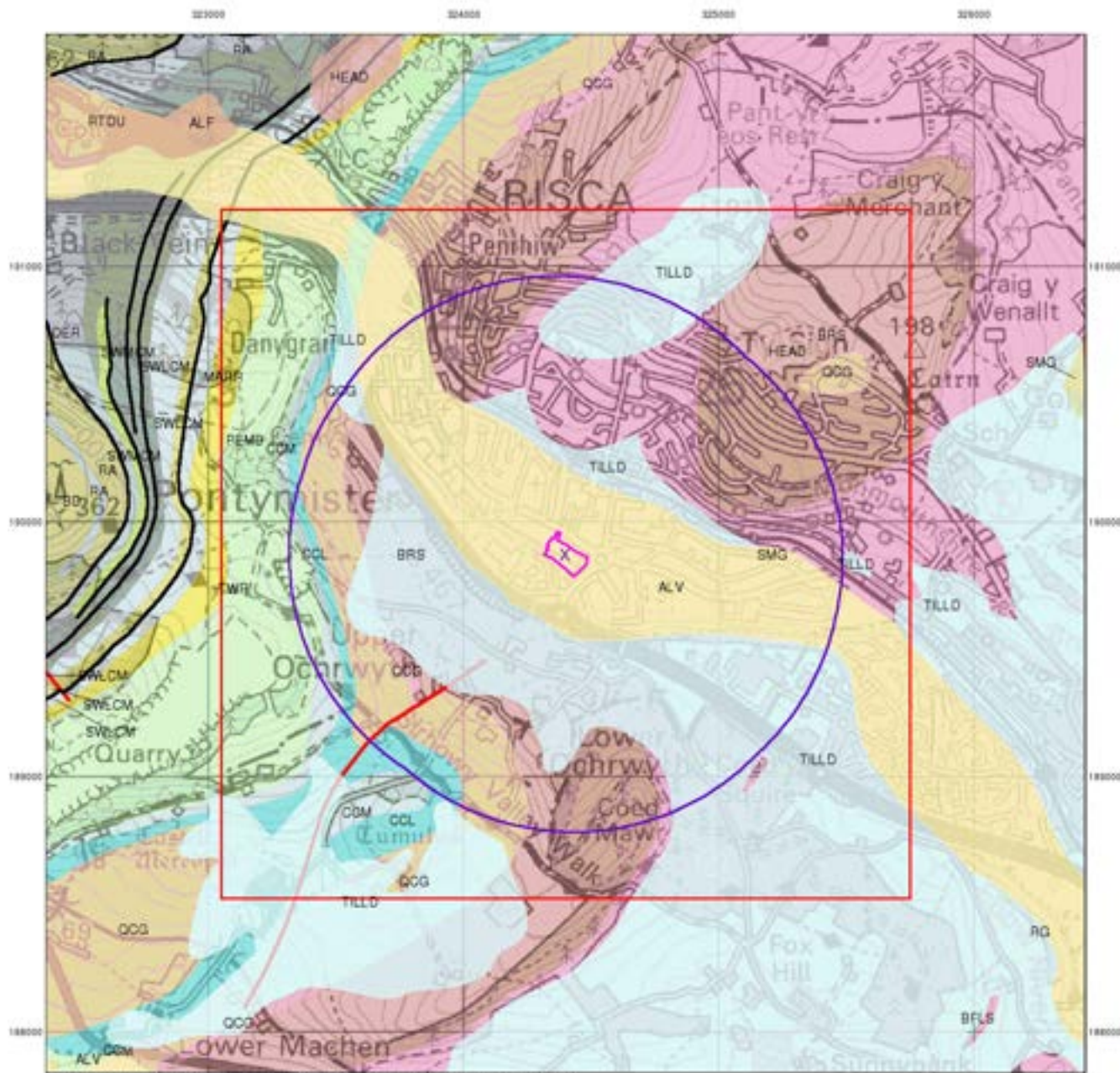
Order Number: 352553579\_1\_1  
 Customer Reference: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details:

Site at, Risca, Caerphilly

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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.

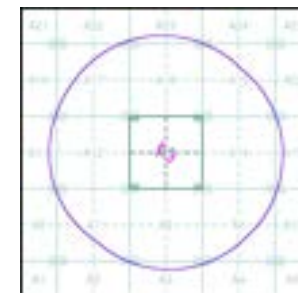
## Additional Information

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

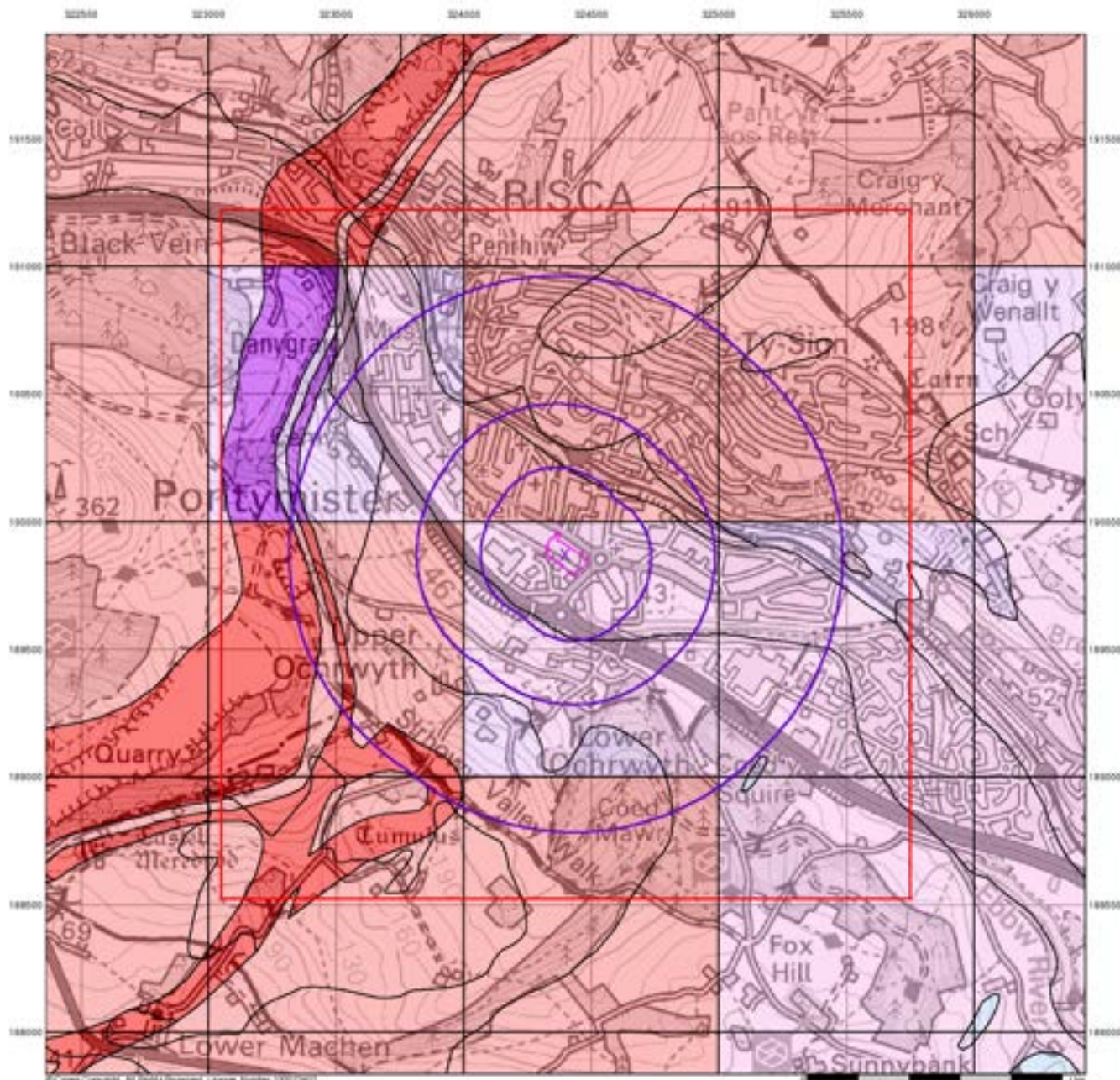


## Order Details:

Order Number: 352553579\_1\_1  
 Customer Reference: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

## Site Details:

Site at, Risca, Caerphilly



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## Groundwater Vulnerability

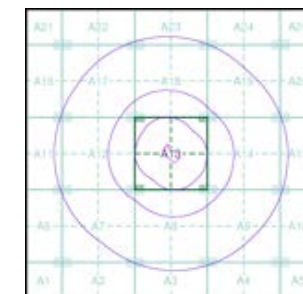
### General

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

### Agency and Hydrological

- | Bedrock Aquifers                        | Superficial Aquifers                    |
|---|---|
| High Vulnerability, Principal Aquifer   | High Vulnerability, Principal Aquifer   |
| High Vulnerability, Secondary Aquifer   | High Vulnerability, Secondary Aquifer   |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer    | Low Vulnerability, Principal Aquifer    |
| Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Secondary Aquifer    |
| Unproductive Aquifer                    |   |
| Soluble Rock                            |   |

### Site Sensitivity Context Map - Slice A



### Order Details

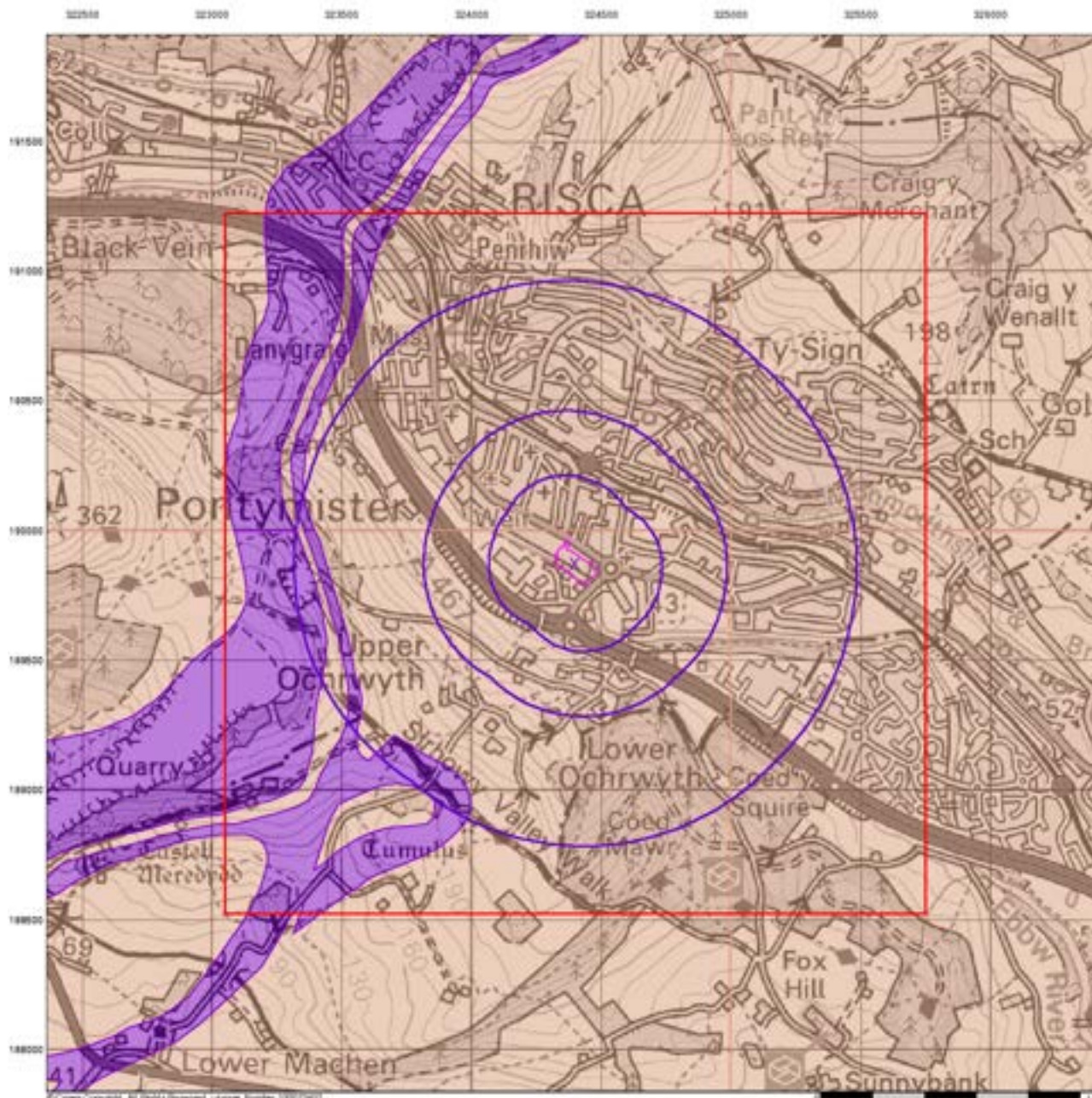
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 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

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## Bedrock Aquifer Designation

### General

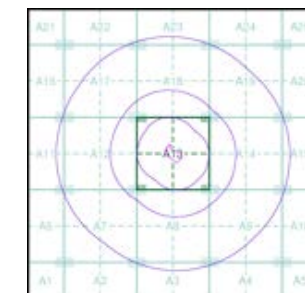
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A

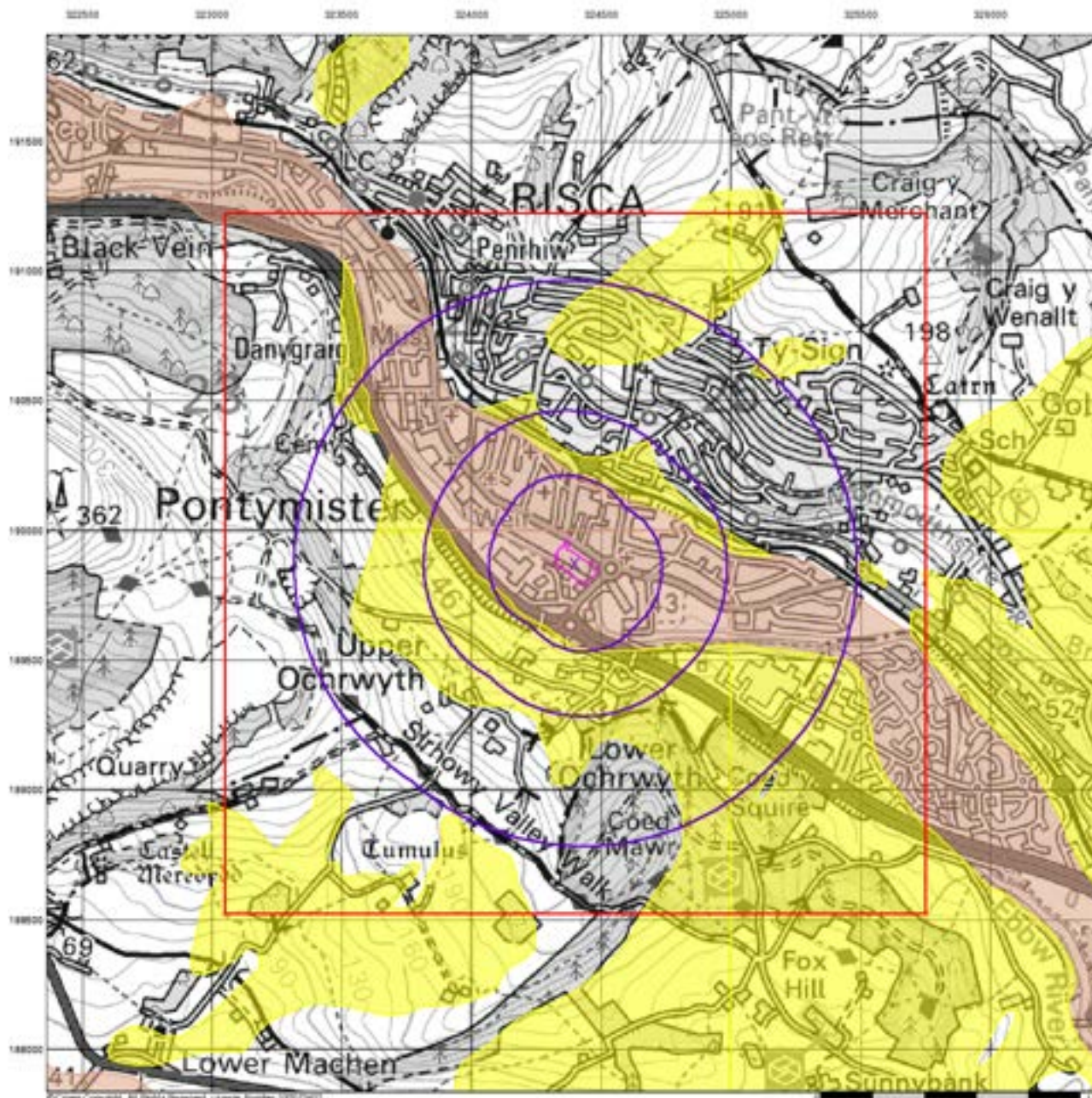


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 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



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## Superficial Aquifer Designation

### General

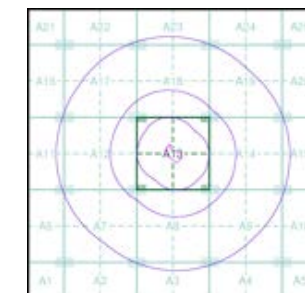
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

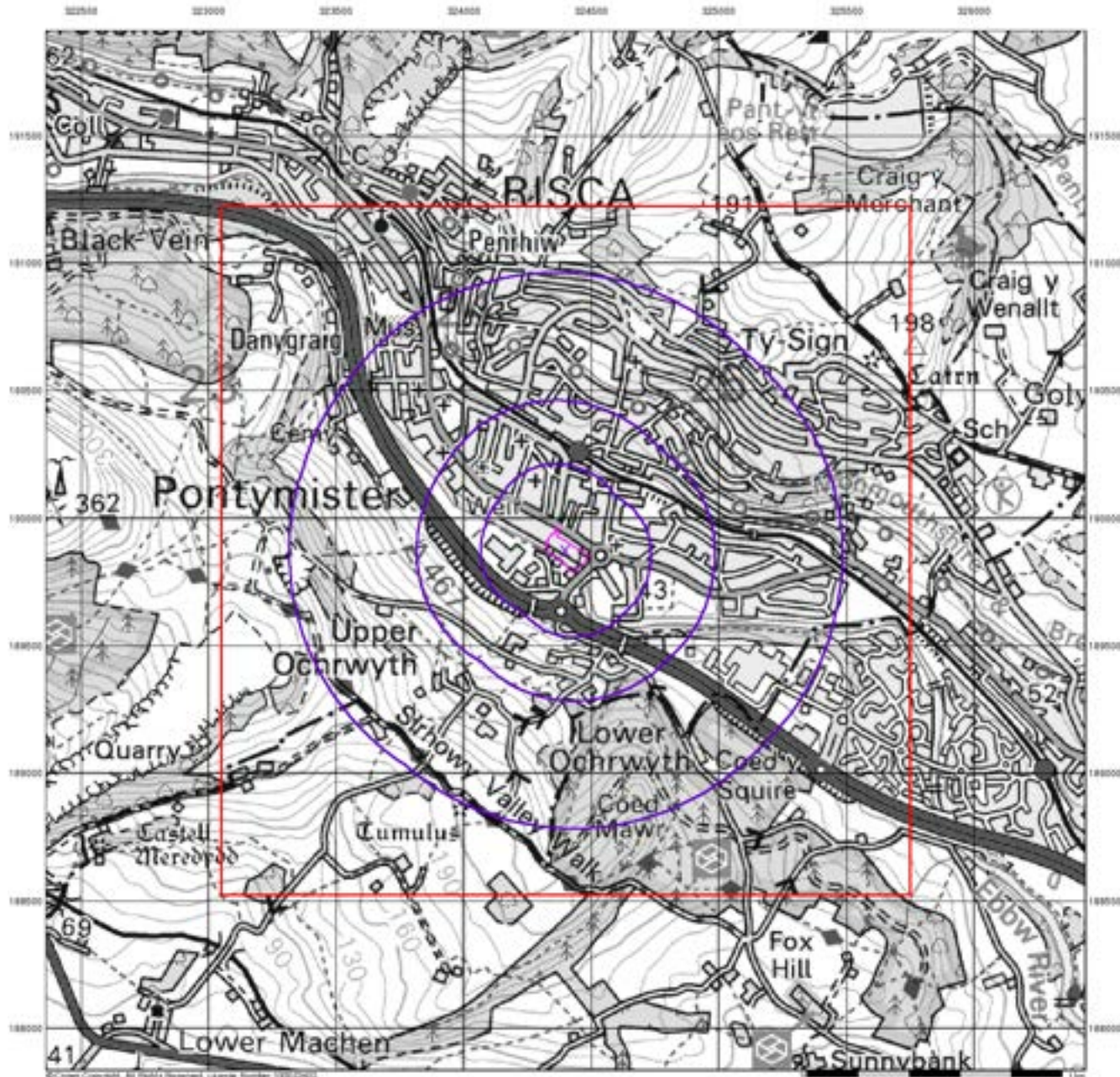
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## Source Protection Zones

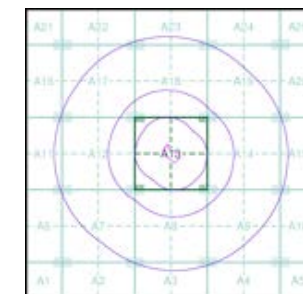
### General

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

### Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

### Site Sensitivity Context Map - Slice A



### Order Details

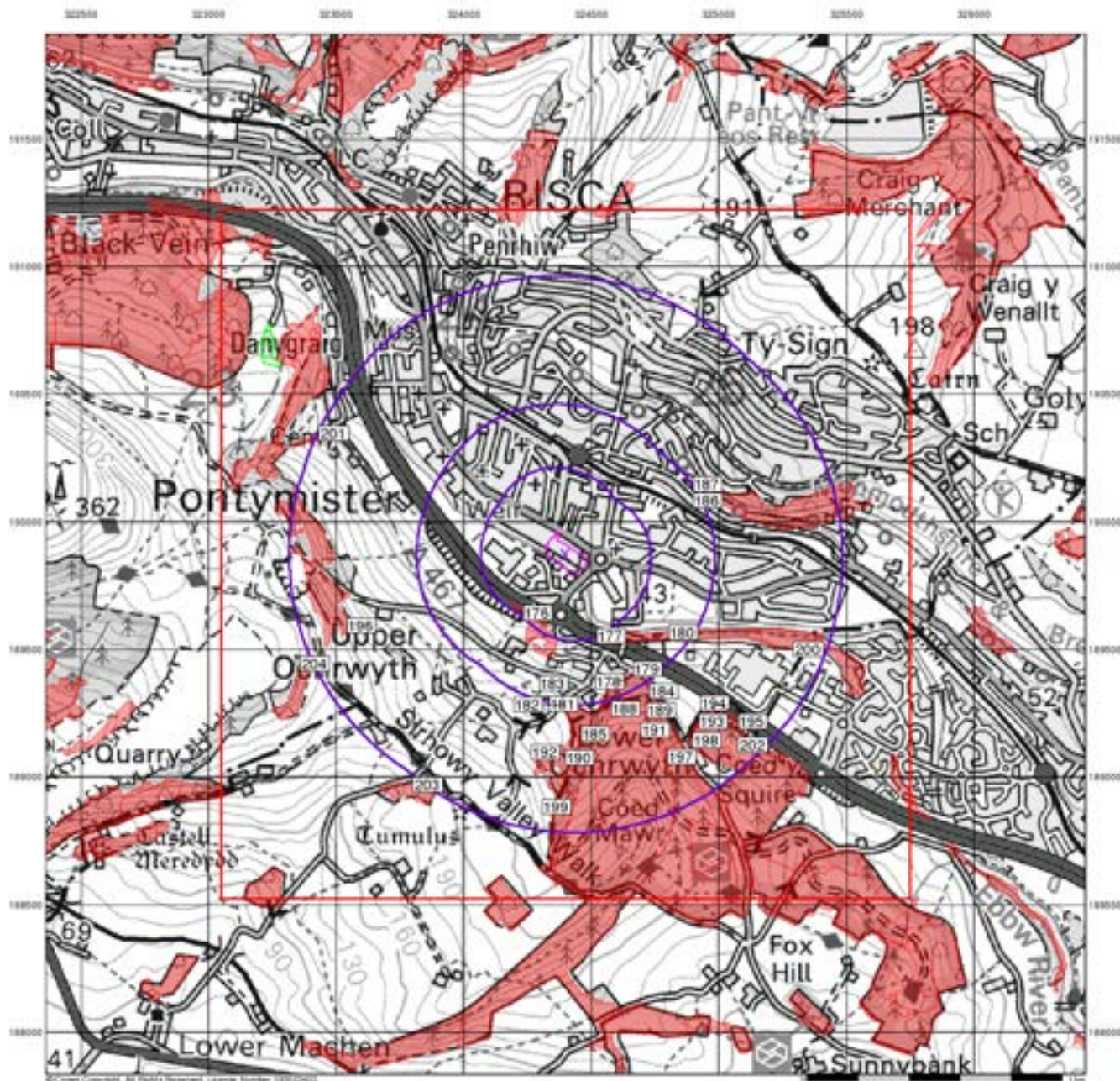
Order Number: 35253579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly

**Landmark**  
 INFORMATION GROUP

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



# Envirocheck®

LANDMARK INFORMATION GROUP™

## Sensitive Land Uses

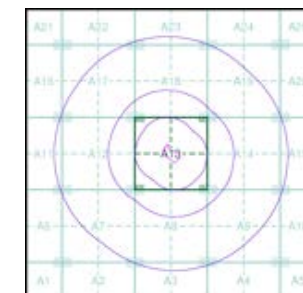
### General

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

### Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

### Site Sensitivity Context Map - Slice A



### Order Details

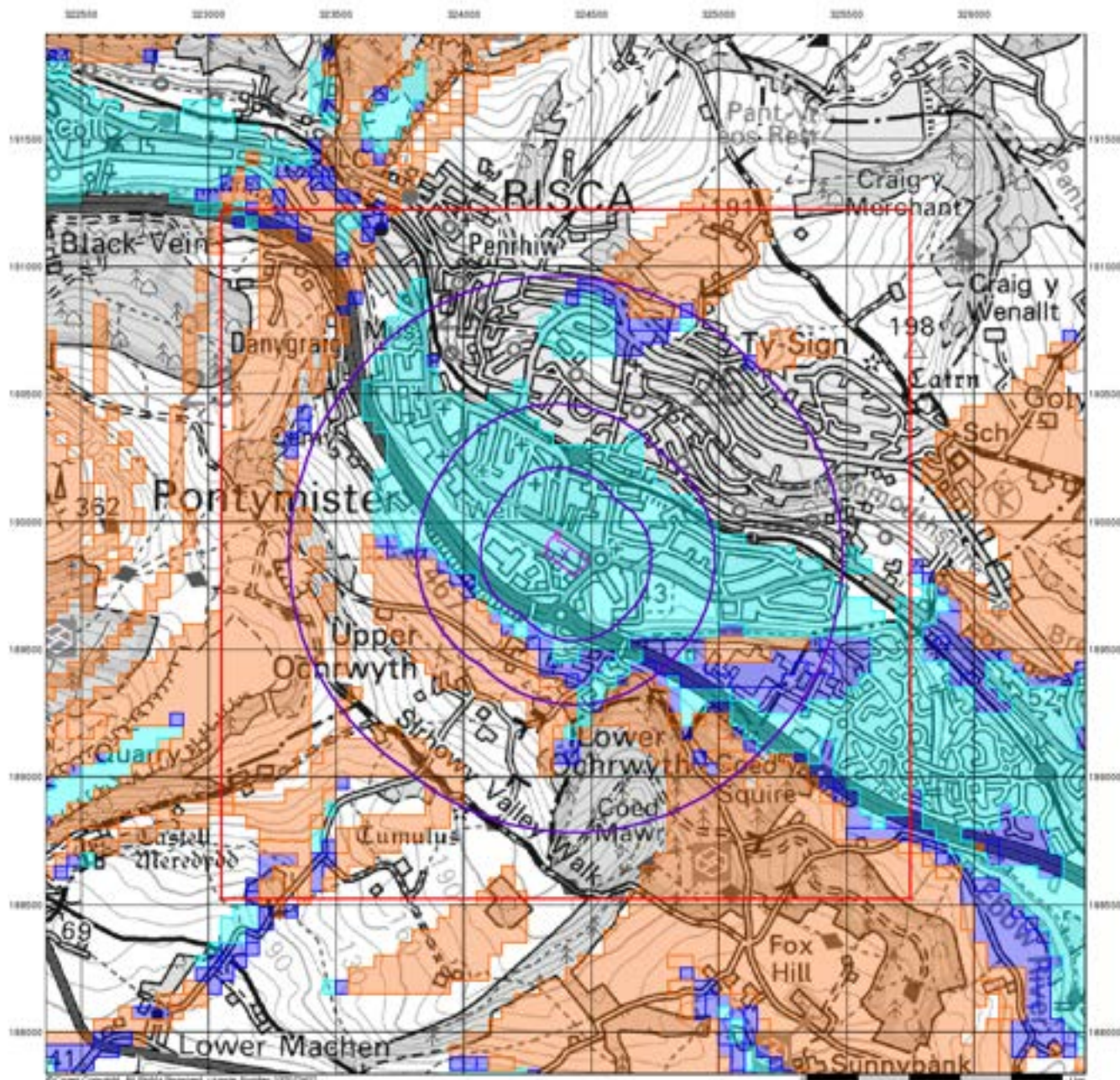
Order Number: 35253579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly

**Landmark**  
 INFORMATION GROUP

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



# Envirocheck®

LANDMARK INFORMATION GROUP®

## BGS Flood GFS Data

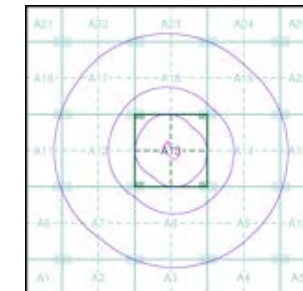
### General

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

### Agency and Hydrological (Flood)

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

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

## Site Details

Site at, Risca, Caerphilly

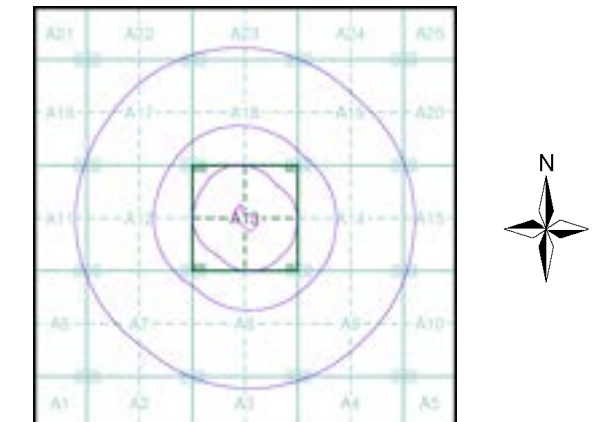
**Landmark**  
 INFORMATION GROUP

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



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control 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
  - Registered Landfill Site
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry

## Site Sensitivity Map - Slice A



## Order Details






Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

## Site Details

Site at, Risca, Caerphilly

## Industrial Land Use Map

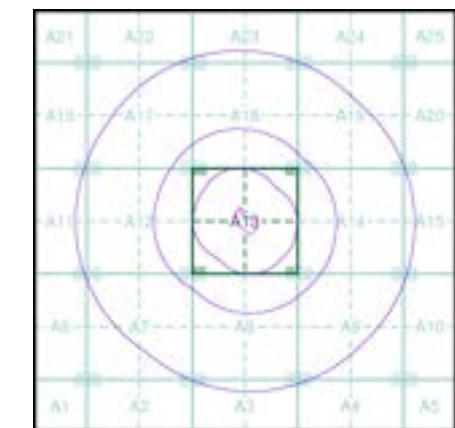
### General

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

### Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

## Industrial Land Use Map - Slice A

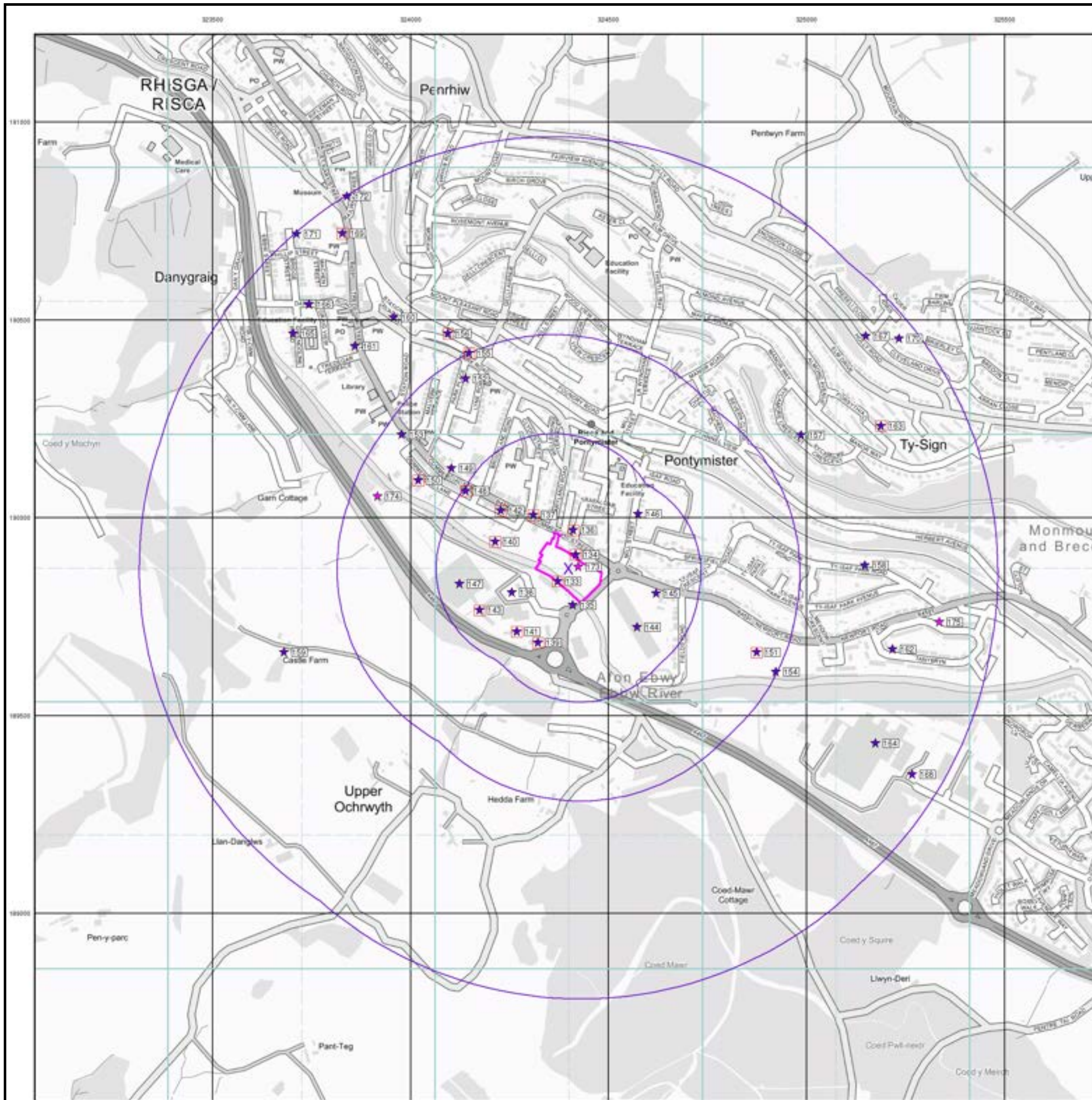


### Order Details




Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details






Site at, Risca, Caerphilly



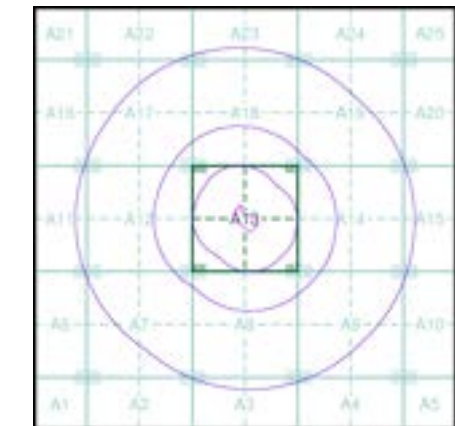
### General

-  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

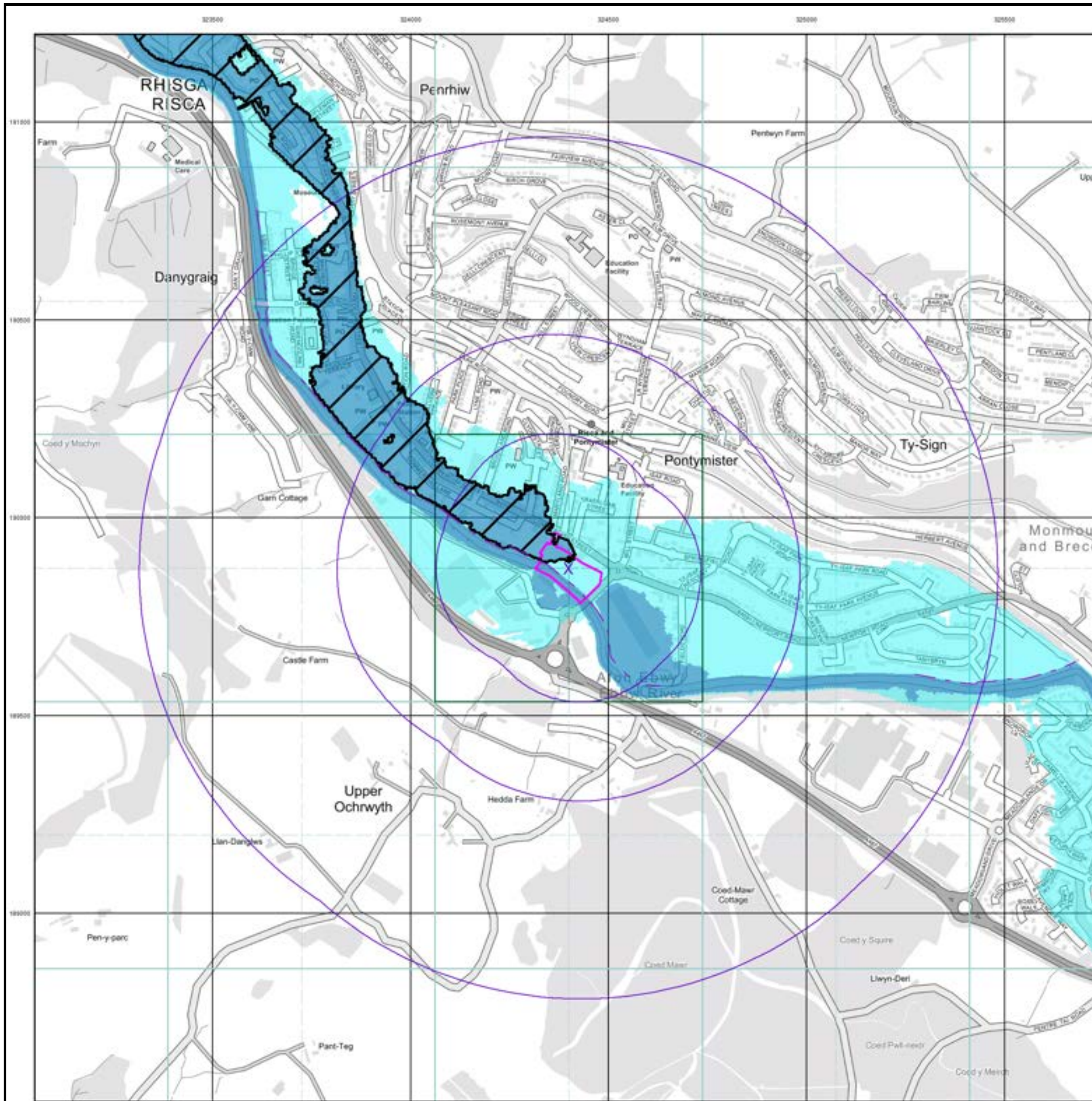


### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



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### General

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

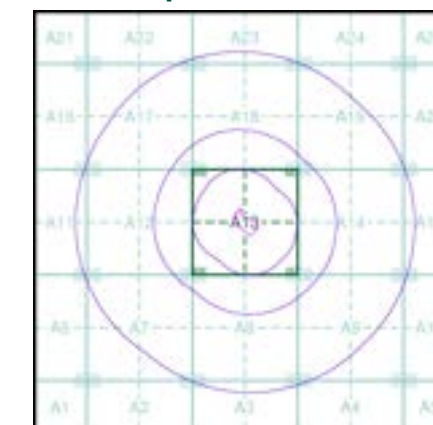
### Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A

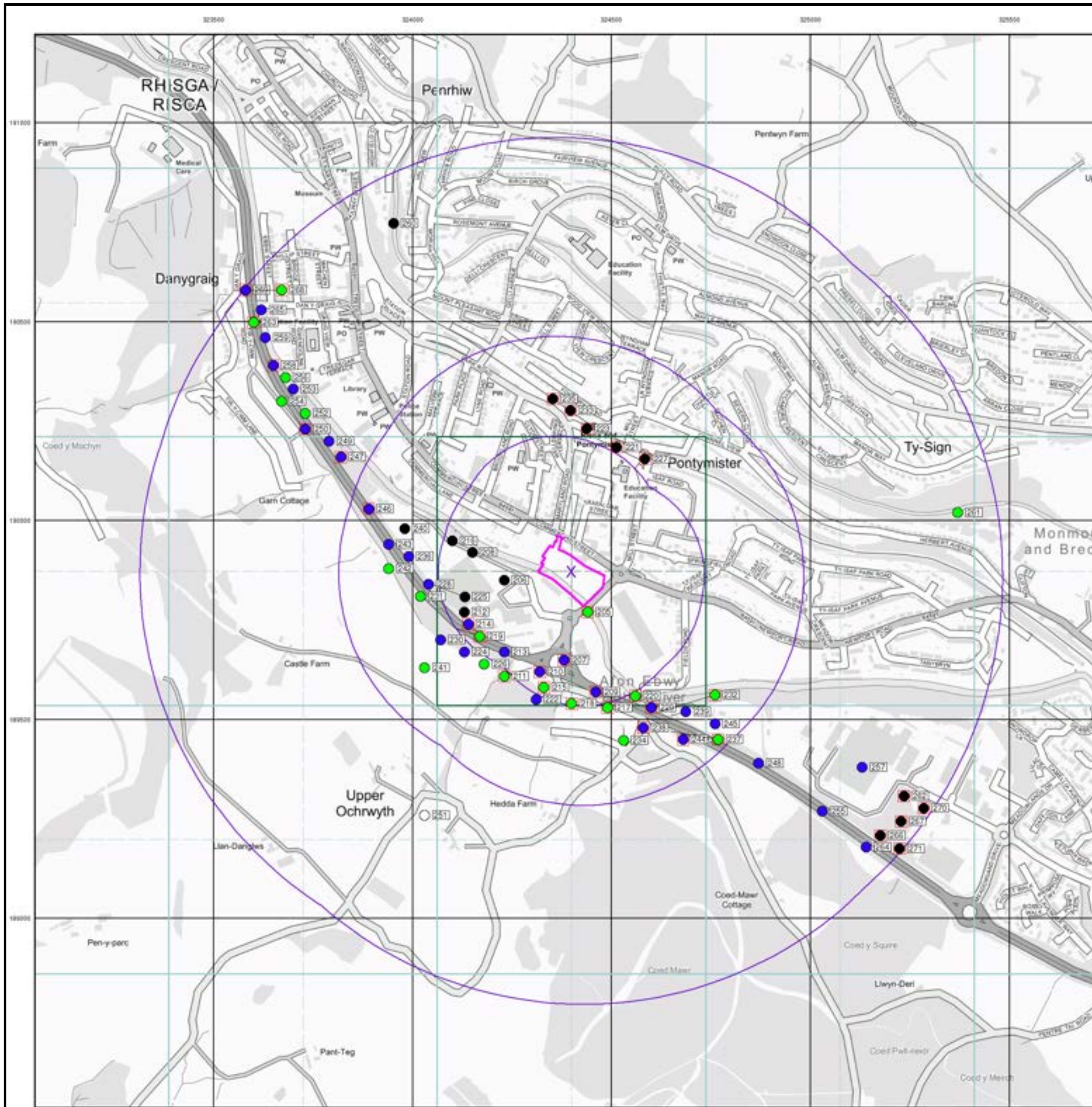


### Order Details




Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



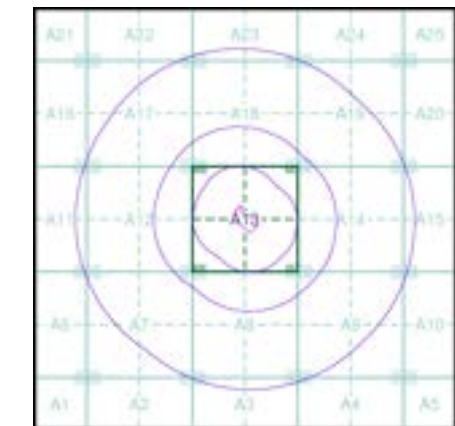
### General

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

### OS Water Network Data

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

### OS Water Network Map - Slice A

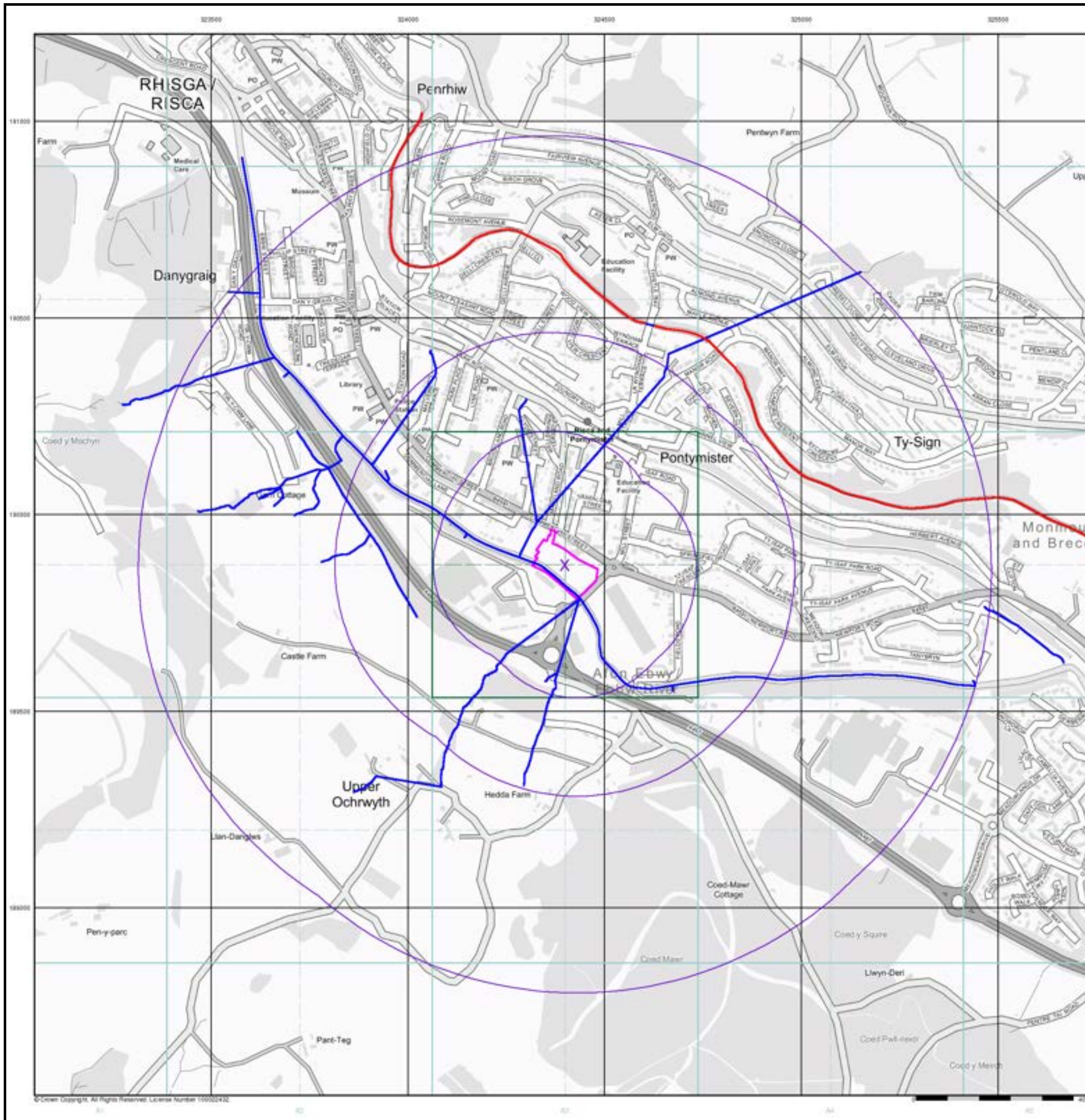


### Order Details

Order Number: 352553579\_1\_1  
 Customer Ref: 1137-02  
 National Grid Reference: 324400, 189870  
 Slice: A  
 Site Area (Ha): 1.3  
 Search Buffer (m): 1000

### Site Details

Site at, Risca, Caerphilly



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# APPENDIX C

## Envirocheck Datasheet

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

352553579\_1\_1

**Customer Reference:**

1137-02

**National Grid Reference:**

324400, 189870

**Slice:**

A

**Site Area (Ha):**

1.3

**Search Buffer (m):**

1000

#### Site Details:

Site at

Risca

Caerphilly

#### Client Details:

Mr G Jones

Remada Ltd

Forward House

17 High Street

Henley In Arden

B95 5AA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	26
Hazardous Substances	-
Geological	28
Industrial Land Use	31
Sensitive Land Use	39
Data Currency	42
Data Suppliers	47
Useful Contacts	48

**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)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2	2	11	1	8
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 7				6
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 9		6	2	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10	Yes			
Pollution Incidents to Controlled Waters	pg 10		12		3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 13		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 13	1	3		2
Water Abstractions	pg 14		1		(*5)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 15	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 15	Yes		n/a	n/a
Areas Benefiting from Flood Defences	pg 15	Yes		n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 15	Yes	Yes	n/a	n/a
OS Water Network Lines	pg 16	1	20	25	39

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 26			1	1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 26		3		
Local Authority Landfill Coverage	pg 27	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 27		1		
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 27		2		
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 28	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 28				6
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 29	Yes	n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 29	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 29		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 29	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 29	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 31	2	43	11	23
Fuel Station Entries	pg 38		1	1	1
Gas Pipelines					
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 39		1	4	24
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	0	1	324399 189872
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	38	1	324399 190000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	226	1	324300 189600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	248	1	324350 189550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	268	1	324300 189550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	275	1	324050 189800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	275	1	324100 189700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	277	1	324150 189650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	285	1	324450 189500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	292	1	324200 189600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	292	1	324050 189750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	296	1	324350 189500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	296	1	324250 189550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	309	1	324150 189600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	313	1	324300 189500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	322	1	324650 189550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	324	1	324000 189800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	366	1	323950 189850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	385	1	324400 189400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	386	1	324399 189400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	400	1	324650 189450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	416	1	323900 189872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	420	1	324600 189400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	435	1	324400 189350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	443	1	324650 189400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	451	1	324550 189350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	466	1	323850 189872
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	490	1	324500 189300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A9NW (SE)	498	1	324850 189500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	500	1	324750 189400
1	<b>Discharge Consents</b> Operator: Bird'S (Swansea) Ltd Property Type: Undefined Or Other Location: Risca Birds Pontymister Industrial, Birds Pontymister Industrial E Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0138401 Permit Version: 1 Effective Date: 1st March 1983 Issued Date: 1st March 1983 Revocation Date: 21st January 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A13NW (W)	0	2	324350 189880
1	<b>Discharge Consents</b> Operator: Daw Plant Hire (Pontypool)Ltd Property Type: Undefined Or Other Location: Daw Plant Hire Ltd Pontymister Authority: Natural Resources Wales Catchment Area: Not Supplied Reference: Ac0130301 Permit Version: 1 Effective Date: 25th June 1981 Issued Date: 25th June 1981 Revocation Date: 21st January 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A13NW (W)	0	2	324340 189880
2	<b>Discharge Consents</b> Operator: Butcher Glyn & Sons Property Type: Olther Wholesale Distribution Location: Pontymister Ind Estate Authority: Natural Resources Wales Catchment Area: River Usk (Afon Wysg) Reference: An0101801 Permit Version: 1 Effective Date: 31st October 1988 Issued Date: 31st October 1988 Revocation Date: 19th April 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: River Ebbw <b>Status: Consent expired</b> Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	62	2	324460 189730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Mr Howell Evans  Property Type: Not Given  Location: Howell Evans Autosalvage, Commercial Street, RISCA  Authority: Environment Agency, Welsh Region  Catchment Area: Not Given  Reference: AN0265401  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: 1st August 1996  Revocation Date: Not Supplied  Discharge Type: Trade Effluent Discharge-Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	69	3	324305 189800
3	<p><b>Discharge Consents</b></p> <p>Operator: J &amp; M Autosalvage  Property Type: Motor Vehicle Parts  Location: J &amp; M Autosalvage Risca, Rear Of Commercial Street, Np11 6aw  Authority: Natural Resources Wales  Catchment Area: River Usk (Afon Wysg)  Reference: AN0265401  Permit Version: 1  Effective Date: 1st August 1996  Issued Date: 1st August 1996  Revocation Date: 29th July 2014  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Revoked under EPR 2010</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	71	2	324300 189800
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Risca (Mill Street) Cso  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: An0251201  Permit Version: 1  Effective Date: 4th August 1994  Issued Date: 4th August 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (E)	69	2	324550 189880
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Risca (Mill Street) Cso  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: AN0251201  Permit Version: 1  Effective Date: 4th August 1994  Issued Date: 4th August 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (E)	69	2	324550 189880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: S/O 108 Commercial St, Risca Cso, Mill St (O/S 108, Commerical St), Risca, Newport, Np11 6eb  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0251201  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: River Ebbw  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13SE (E)	83	2	324566 189858
5	<p><b>Discharge Consents</b></p> <p>Operator: Saint Gobain Pipelines Plc  Property Type: Iron &amp; Steel Industries  Location: Glynwed Brickhouse Pontymister Ind, Pontymister Ind Estate Risca New, Risca Newport  Authority: Natural Resources Wales  Catchment Area: River Usk (Afon Wysg)  Reference: AB0061101  Permit Version: 2  Effective Date: 7th March 1995  Issued Date: 6th March 1995  Revocation Date: 2nd July 2004  Discharge Type: Trade Effluent  Discharge: Not Supplied  Environment:  Receiving Water: River Ebbw  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NW (W)	144	2	324180 189920
5	<p><b>Discharge Consents</b></p> <p>Operator: Foundry Products Ltd  Property Type: Iron &amp; Steel Industries  Location: Glynwed Brickhouse Pontymister Ind, Pontymister Ind Estate Risca New, Risca Newport  Authority: Natural Resources Wales  Catchment Area: River Usk (Afon Wysg)  Reference: Ab0061101  Permit Version: 1  Effective Date: 21st May 1968  Issued Date: 21st May 1968  Revocation Date: 6th March 1995  Discharge Type: Trade Effluent  Discharge: Not Supplied  Environment:  Receiving Water: River Ebbw  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NW (W)	144	2	324180 189920
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Malvern Terrace Cso, O/S 4, Malvern Terrace, Risca, Newport, Np11 6au  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0362901  Permit Version: Not Supplied  Effective Date: 18th September 2019  Issued Date: 18th September 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	246	2	324099 190002

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Malvern Terrace Risca Caerphilly, Risca  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: An0362901  Permit Version: 3  Effective Date: 31st March 2010  Issued Date: 5th February 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	246	2	324099 190002
6	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Malvern Terrace Risca Caerphilly, Risca  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: An0362901  Permit Version: 3  Effective Date: 31st March 2010  Issued Date: 5th February 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	246	2	324099 190002
7	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: 4 Tredegar Terrace Cso, Nr 45 Tredegar Terrace, Risca, Newport, Np11 6bw  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0251001  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: Rhynys Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	434	2	323942 190110
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Malvern Terrace Risca Caerphilly, Risca  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0362901  Permit Version: 2  Effective Date: 29th March 2007  Issued Date: 29th March 2007  Revocation Date: 8th February 2010  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unknown Watercourse  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	506	2	323970 190281



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Malvern Terrace Risca Caerphilly, Risca  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0362901  Permit Version: 1  Effective Date: 31st March 2009  Issued Date: 7th March 2005  Revocation Date: 28th March 2007  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unknown Watercourse  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	506	2	323970 190281
8	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Station Road Risca  Authority: Natural Resources Wales  Catchment Area: River Usk (Afon Wysg)  Reference: AN0157601  Permit Version: 1  Effective Date: 13th December 1991  Issued Date: 13th December 1991  Revocation Date: 31st March 2009  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ebbw  <b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	506	2	323970 190280
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Risca (Tredgar Terrace) Cso  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: An0251001  Permit Version: 1  Effective Date: 4th August 1994  Issued Date: 4th August 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Rhynys Brook  <b>Status:</b> <b>Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	676	2	323840 190390
9	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Risca (Tredgar Terrace) Cso  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: AN0251001  Permit Version: 1  Effective Date: 4th August 1994  Issued Date: 4th August 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Rhynys Brook  <b>Status:</b> <b>Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	676	2	323840 190390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Risca (St Marys Street) Cso  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: An0250901  Permit Version: 1  Effective Date: 4th August 1994  Issued Date: 4th August 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Rhynys Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	694	2	323740 190280
10	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Risca (St Marys Street) Cso  Authority: Natural Resources Wales  Catchment Area: EBBW R - CONF EBBW FACH R TO MAES-GLAS  Reference: AN0250901  Permit Version: 1  Effective Date: 4th August 1994  Issued Date: 4th August 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Rhynys Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	694	2	323740 190280
10	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewerage Network - Sewers - Water Company  Location: Rifleman St Cso, Risca, Rifleman St (O/S 68 St Mary St), Newport, Np11 6fd  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: An0250901  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: Rhynys Brook  <b>Status: Effective</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	705	2	323758 190325
11	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Solway Foods Limited  Location: Rogerstone Park Food Factory Ea/Epr/Up3237cp/V002, Rogerstone Park, Azalea Road, Rogerstone,, Newport, South Wales, NP10 9SA  Authority: Natural Resources Wales  Permit Reference: BP3938NK  Original Permit Ref: Up3237cp  Effective Date: 29th July 2013  <b>Status: Effective</b>  Application Type: Variation  App. Sub Type: Standard  Positional Accuracy: Located by supplier to within 10m  Activity Code: 5.4 A(1) a) (ii)  Activity Description: DISPOSAL OF &gt; 50 T/D NON-HAZARDOUS WASTE (&gt; 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT  Primary Activity: N  Activity Code: 6.8 A(1) (D) (I)  Activity Description: Animal Vegetable &amp; Food; Treating Etc Animal Raw Materials (Not Milk) For Food &gt;75T/D  Primary Activity: Y  Activity Code: 0.0 Associated Process  Activity Description: Associated Process  Primary Activity: N</p>	A9NW (SE)	654	2	325030 189480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Solway Foods Limited            Location: Rogerstone Park Food Factory Ea/Epr/Up3237cp/V002, Rogerstone Park, Azalea Road, Rogerstone,, Newport, South Wales, NP10 9SA            Authority: Natural Resources Wales            Permit Reference: VP3531ZA            Original Permit Ref: Up3237cp            Effective Date: 25th March 2013  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Located by supplier to within 10m            Activity Code: 5.4 A(1) a) (ii)            Activity Description: DISPOSAL OF &gt; 50 T/D NON-HAZARDOUS WASTE (&gt; 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT            Primary Activity: N            Activity Code: 6.8 A(1) (D) (I)            Activity Description: Animal Vegetable &amp; Food; Treating Etc Animal Raw Materials (Not Milk) For Food &gt;75T/D            Primary Activity: Y            Activity Code: 0.0 Associated Process            Activity Description: Associated Process            Primary Activity: N</p>	A9NW (SE)	654	2	325030 189480
12	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Premier Foods Group Ltd            Location: Rogerstone Park Food Factory, Azalea Park, Rogerstone, Newport, South Wales, NP10 9SA            Authority: Natural Resources Wales            Permit Reference: TP3030XS            Original Permit Ref: Bp3007im            Effective Date: 21st December 2007  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Simple Standard Variation            Positional Accuracy: Manually positioned to the address or location            Activity Code: 0.0 Associated Process            Activity Description: Associated Process            Primary Activity: N            Activity Code: 6.8 A(1) (D) (I)            Activity Description: Animal Vegetable &amp; Food; Treating Etc Animal Raw Materials (Not Milk) For Food &gt;75T/D            Primary Activity: Y</p>	A9NE (SE)	788	2	325151 189422
12	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Premier Foods Group Ltd            Location: Rogerstone Park Food Factory, Azalea Park, Rogerstone, Newport, South Wales, NP10 9SA            Authority: Natural Resources Wales            Permit Reference: LP3035XM            Original Permit Ref: Lp3035xm            Effective Date: 30th January 2008  <b>Status: Superseded By Variation</b>            Application Type: Transfer            App. Sub Type: Whole limited change in management            Positional Accuracy: Manually positioned to the address or location            Activity Code: 6.8 A(1) (D) (I)            Activity Description: Animal Vegetable &amp; Food; Treating Etc Animal Raw Materials (Not Milk) For Food &gt;75T/D            Primary Activity: Y            Activity Code: 0.0 Associated Process            Activity Description: Associated Process            Primary Activity: N</p>	A9NE (SE)	804	2	325174 189429
13	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Solway Foods Limited            Location: R F Brookes Ltd, Azalea Road, Rogerstone, Newport, Newport, NP10 9SA            Authority: Natural Resources Wales            Permit Reference: UP3237CP            Original Permit Ref: Not Supplied            Effective Date: 25th March 2022  <b>Status: Effective</b>            Application Type: Bespoke            App. Sub Type: Not Supplied            Positional Accuracy: Located by supplier to within 10m            Activity Code: 6.8 A(1) d) (iii)            Activity Description: Not Supplied            Primary Activity: Y            Activity Code: 5.4 PART A (1) A) (II)            Activity Description: Not Supplied            Primary Activity: N</p>	A9NE (SE)	796	2	325129 189373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Premier Foods Group Ltd            Location: Rogerstone Park Food Factory, Azalea Park, Rogerstone, Newport, Gwent, NP10 9SA            Authority: Natural Resources Wales            Permit Reference: Bp3007im            Original Permit Ref: Bp3007im            Effective Date: 29th April 2005  <b>Status: Superseded By Variation</b>            Application Type: Application            App. Sub Type: New            Positional Accuracy: Manually positioned within the geographical locality            Activity Code: 0.0 Associated Process            Activity Description: Associated Process            Primary Activity: N            Activity Code: 6.8 A(1) (D) (I)            Activity Description: Animal Vegetable &amp; Food; Treating Etc Animal Raw Materials (Not Milk) For Food &gt;75T/D            Primary Activity: Y</p>	A9NE (SE)	1000	2	325323 189296
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Waldron Services            Location: 153 Commercial Street, Risca, NEWPORT, Gwent, NP11 6EE            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: P044            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG1/14 Petrol filling station  <b>Status: Authorised</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	7	4	324421 189903
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Saint Gobain Pipelines Ltd            Location: Commercial Street, Pontymister, Risca, NEWPORT, Gwent, NP11            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: Ccbc/V/Sc/05/00            Dated: 7th June 1996            Process Type: Local Authority Air Pollution Control            Description: PG2/4 Iron, steel and non-ferrous metal foundry processes  <b>Status: Authorisation has varied</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (N)	32	4	324413 189940
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Saint Gobain Pipelines Ltd            Location: Commercial Street, Pontymister, Risca, NEWPORT, Gwent, NP11            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: Ccbc/V/Sc/05/00            Dated: 7th June 1996            Process Type: Local Authority Air Pollution Control            Description: PG2/5 Hot and cold blast cupolas  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (N)	32	4	324413 189940
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Saint Gobain Pipelines Ltd            Location: Commercial Street, Pontymister, Risca, NEWPORT, Gwent, NP11            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: It/1/1999/Ccbc            Dated: 1st July 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/23 Coating of metal and plastic  <b>Status: Authorised</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (N)	32	4	324413 189940
16	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Plastic Coatings Ltd            Location: Pontymister Industrial Estate, Risca, NEWPORT, Gwent, NP1 6NP            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: PlasticC            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG6/10 Coating manufacturing  <b>Status: Authorisation revoked</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	85	4	324255 189811

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Glynwed Brickhouse            Location: Pontymister Post Office, 68 Commercial Street, Risca, NEWPORT, Gwent, NP1 6BA            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: Not Given            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG6/10 Coating manufacturing  <b>Status: Authorisation revoked</b>            Positional Accuracy: Un-geocodable - location cannot be found</p>	A13NW (NW)	106	4	324280 190028
18	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Tesco Petrol Station            Location: Pontymister Industrial Estate, Pontymister, NP11 6NP            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: Not Supplied            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/14 Petrol filling station  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	434	4	323917 190052
19	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Glynwood Brickhouse            Location: Commercial Street, Risca, NEWPORT, Gwent, NP1 6YL            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: A/6            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG2/4 Iron, steel and non-ferrous metal foundry processes  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	482	4	323966 190235
20	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: T G Howells And Sons Ltd            Location: Clifton Street Sawmills, Clifton Street, Rogerstone, NEWPORT, Gwent, NP10 9YU            Authority: Caerphilly County Borough Council, Environmental Health Department            Permit Reference: KDJ/11/04/CCBC/TGH            Dated: 1st January 1993            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/2 Manufacture of timber and wood-based products  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A15NW (E)	999	4	325474 189989
	<p><b>Nearest Surface Water Feature</b></p>	A13SW (SW)	0	-	324372 189838
21	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Stony Bridge, PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 5th June 1992            Incident Reference: 4165            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>	A13SE (S)	10	3	324400 189800
22	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Adjacent To, Glynweds            Authority: Environment Agency, Welsh Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Not Supplied            Incident Date: 11th January 1996            Incident Reference: 27630            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)	26	3	324300 189900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Glynweds            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 18th June 1991            Incident Reference: 1081            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	38	3	324500 189800
23	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Process            Location: PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Agricultural: Silage Liquor            Note: Inadequate Design/Capacity            Incident Date: 17th May 1991            Incident Reference: 456            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Runoff            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	41	3	324500 189795
24	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Location Description Not Available            Authority: Environment Agency, Welsh Region            Pollutant: Mining Water            Note: Weather            Incident Date: 1st August 1996            Incident Reference: 30029            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Natural Causes            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	40	3	324450 189750
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Adjacent To, Glynwed Foundry, PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Light Oil            Note: Poor Management            Incident Date: 17th January 1997            Incident Reference: 31319            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Effluent Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	64	3	324305 189805
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Glynweds, Foundry, PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Sewage - Septic Tank Effluent            Note: Not Supplied            Incident Date: 26th July 1994            Incident Reference: 20870            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	71	3	324300 189800
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Adjacent To, Glynwed Foundry, PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Mud/Clay/Soil            Note: Poor Management            Incident Date: 17th January 1997            Incident Reference: 31319            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Effluent Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	73	3	324295 189800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Surface Water Outfall            Location: Adjacent To, Glynwed, Foundry            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 5th December 1995            Incident Reference: 27040            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Effluent Discharge            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	73	3	324305 189795
25	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Treated Water Distribution System            Location: Opposite Glynwed, Foundry, PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Mud/Clay/Soil            Note: Accidental Spillage/Leakage            Incident Date: 11th July 1994            Incident Reference: 20867            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Burst            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	75	3	324300 189795
26	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Downstream Of, GLASFRYN            Authority: Environment Agency, Welsh Region            Pollutant: Sullage            Note: Emergency Overflow            Incident Date: 17th September 1996            Incident Reference: 30177            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Spillage            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13NW (W)	119	3	324200 189900
27	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Warehouses            Location: Kwik Save Store, RISCA            Authority: Environment Agency, Welsh Region            Pollutant: Foam/Soap Suds            Note: Poor Operational Practise            Incident Date: 2nd May 1995            Incident Reference: 24700            Catchment Area: Not Given            Receiving Water: Not Given            Cause of Incident: Spillage            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A13SE (S)	197	3	324500 189600
28	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Risca C And P Mechanical, PONTYMISTER            Authority: Environment Agency, Welsh Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 28th September 1991            Incident Reference: 803            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 (NW)	517	3	323900 190200
29	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Behind Manor Road, Near Chip Shop            Authority: Environment Agency, Welsh Region            Pollutant: Light Oil            Note: Mon-Brec Canal            Incident Date: 11th June 1997            Incident Reference: 32930            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>	A18NW (N)	686	3	324100 190595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Behind Manor Road, Near Chip Shop Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Not Supplied Incident Date: 11th June 1997 Incident Reference: 32930 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	A18NW (N)	690	3	324100 190600
	<b>River Quality</b> Name: Ebbw Fawr GQA Grade: River Quality A Reach: Bassaleg Bridge - Sirhowy Conf. Estimated Distance (km): 8.4 Flow Rate: Flow less than 10 cumecs Flow Type: River Year: 2000	A13SW (SW)	81	3	324328 189768
30	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 30th June 2018 Incident Reference: 1803732 Water Impact: Category 3 - Minor Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A13SW (W)	0	2	324328 189867
31	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 25th June 2021 Incident Reference: 2105490 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke	A13NW (W)	114	2	324217 189939
32	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 28th September 2021 Incident Reference: 2108112 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Other Oil Or Fuel	A13NW (NW)	120	2	324232 189983
32	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 22nd February 2014 Incident Reference: 1211021 Water Impact: Category 3 - Minor Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Mixed/Waste Oils	A13NW (NW)	149	2	324202 189991
33	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 18th October 2020 Incident Reference: 2007507 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A19SW (NE)	616	2	324840 190365
33	<b>Substantiated Pollution Incident Register</b> Authority: Natural Resources Wales Incident Date: 4th August 2021 Incident Reference: 2106683 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A19SW (NE)	620	2	324838 190374



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<p><b>Water Abstractions</b></p> <p>Operator: Saint-Gobian Pipelines Plc  Licence Number: 20/56/61/0015  Permit Version: 101  Location: Borehole At Pontymister Steelworks  Authority: Environment Agency, Welsh Region  Abstraction: Metal: Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Borehole To Pomtymister Steelworks  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 9th February 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13SW (W)	234	3	324100 189780
	<p><b>Water Abstractions</b></p> <p>Operator: Hanson Quarry Products Europe Limited  Licence Number: Wa/057/0012/0013  Permit Version: Not Supplied  Location: Machen Quarry, Machen, Newport, Cf83 8sr  Authority: Natural Resources Wales  Abstraction: Extractive: Dewatering  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): 0  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A11SE (W)	1188	2	323137 189723
	<p><b>Water Abstractions</b></p> <p>Operator: Unknown Operator  Licence Number: 20/56/61/0001  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, Welsh Region  Abstraction: General Industrial  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 1  Yearly Rate (m3): 497  Details: Borehole  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A10NE (SE)	1462	3	325820 189250
	<p><b>Water Abstractions</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Licence Number: 20/56/11/0005  Permit Version: Not Supplied  Location: Rogerstone, Newport  Authority: Natural Resources Wales  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Not Supplied  Source: Surface  Daily Rate (m3): 9092  Yearly Rate (m3): 1659290  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>	A15NE (E)	1523	2	326000 190000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Dr &amp; Mrs I Petheram  Licence Number: 20/56/61/0019  Permit Version: 100  Location: Spring Near Five Lanes  Authority: Environment Agency, Welsh Region  Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>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: 5th December 1980  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4SW (S)	1538	3	324900 188320
	<p><b>Water Abstractions</b></p> <p>Operator: Mr D Kempe  Licence Number: 20/56/61/0014  Permit Version: 100  Location: Spring Near Sunnybank Farm  Authority: Environment Agency, Welsh Region  Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)</p> <p>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: 19th December 1968  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(S)	1808	3	325060 188090
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability  Combined Vulnerability: Medium  Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: Intermediate  Bedrock Flow: Well Connected Fractures  Dilution: &gt;550 mm/year  Baseflow Index: &lt;40%  Superficial Patchiness: &lt;90%  Superficial Thickness: 3-10m  Superficial Recharge: High</p>	A13SW (SW)	0	2	324399 189872
	<p><b>Bedrock Aquifer Designations</b></p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A13SW (SW)	0	2	324399 189872
	<p><b>Superficial Aquifer Designations</b></p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A13SW (SW)	0	2	324399 189872
	<p><b>Extreme Flooding from Rivers or Sea without Defences</b></p> <p>Type: Extent of Extreme Flooding from Rivers or Sea without Defences  Flood Plain Type: Fluvial Models  Boundary Accuracy: As Supplied</p>	A13SW (SW)	0	2	324399 189872
	<p><b>Flooding from Rivers or Sea without Defences</b></p> <p>Type: Extent of Flooding from Rivers or Sea without Defences  Flood Plain Type: Fluvial Models  Boundary Accuracy: As Supplied</p>	A13NW (N)	0	2	324399 189888
	<p><b>Areas Benefiting from Flood Defences</b></p> <p>Type: Area Benefiting from Flood Defences  Boundary Accuracy: As Supplied</p>	A13NW (N)	0	2	324399 189888
	<p><b>Flood Water Storage Areas</b></p> <p>None</p>				
	<p><b>Flood Defences</b></p> <p>Type: Flood Defences  Reference: Not Supplied</p>	A13SW (SW)	0	2	324382 189852

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	A13NW (W)	0	2	324327 189891
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	A13SE (SE)	14	2	324452 189787
	<b>Flood Defences</b> Type: Flood Defences Reference: Not Supplied	A13NW (W)	80	2	324249 189928
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 185.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	0	5	324374 189843
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 379.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	1	5	324436 189789
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	1	5	324436 189789
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 229.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (S)	4	5	324435 189783
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 193.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (S)	5	5	324435 189783
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (NW)	32	5	324298 189922
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (NW)	38	5	324315 189958
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 492.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (NW)	38	5	324328 189980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 145.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (W)	38	5	324284 189891
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (NW)	39	5	324320 189964
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (NW)	39	5	324326 189974
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 289.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (NW)	39	5	324328 189980
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (W)	181	5	324151 189951
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 244.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13NW (W)	181	5	324151 189951
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	194	5	324380 189597
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	194	5	324380 189597
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	215	5	324375 189577

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	224	5	324251 189646
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	238	5	324370 189554
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (S)	244	5	324368 189549
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	249	5	324237 189626
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 191.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SW (SW)	256	5	324231 189621
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 51.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	277	5	324355 189518
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SW (N)	313	5	324283 190265
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 222.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12SE (W)	320	5	324023 189740
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	327	5	324673 189565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 773.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A13SE (SE)	327	5	324673 189565
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	329	5	324343 189468
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	360	5	324330 189439
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	395	5	324319 189405
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 90.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (S)	402	5	324316 189399
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	405	5	323916 189934
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	406	5	323915 189935
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	416	5	323952 190090
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	418	5	323947 190083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	419	5	323904 189951
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	419	5	323904 189951
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 128.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	426	5	323894 189933
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	433	5	324130 189473
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 168.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	440	5	324128 189465
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	458	5	323874 189993
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 144.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	459	5	323873 189994
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 280.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	465	5	323952 190186
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 101.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	473	5	323907 190127

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 59.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SE (NE)	480	5	324652 190350
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SW (NW)	490	5	324070 190355
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 531.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A18SE (NE)	533	5	324663 190408
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	545	5	323832 190138
83	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 2027.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A19SW (NE)	545	5	324901 190214
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	550	5	323824 190133
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 83.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	565	5	323774 190033
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 126.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	568	5	323799 190118
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	568	5	323799 190118



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 213.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	571	5	323836 190199
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	571	5	323836 190199
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	571	5	323771 190041
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (NW)	572	5	323830 190193
92	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 1137.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A18SE (N)	573	5	324593 190488
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: Underground Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A18SE (N)	576	5	324609 190484
94	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 146.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A18SE (N)	579	5	324628 190479
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	582	5	323764 190056
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 117.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NE (W)	584	5	323780 190112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 168.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A8NW (SW)	588	5	324085 189308
98	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 93.8 Watercourse Level: Underground Permanent: True Watercourse Name: Monmouthshire and Brecon Canal Catchment Name: Usk and Llwyd Primacy: 1	A19SW (NE)	615	5	324833 190373
99	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	654	5	323685 190043
100	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A7NE (SW)	667	5	323919 189335
101	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	670	5	323675 190066
102	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	670	5	323676 190069
103	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	670	5	323676 190070
104	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 2	A12NW (W)	687	5	323657 190065
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	687	5	323657 190065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	697	5	323642 190050
107	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	697	5	323642 190050
108	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 127.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	698	5	323644 190064
109	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A17SW (NW)	775	5	323698 190362
110	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17SW (NW)	775	5	323698 190362
111	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17SW (NW)	776	5	323692 190356
112	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 74.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A12NW (W)	793	5	323537 190022
113	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 181.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17SW (NW)	826	5	323662 190399
114	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 171.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A17SW (NW)	826	5	323662 190399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 231.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17SW (NW)	948	5	323488 190349
116	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 80.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A17NW (NW)	952	5	323625 190563
117	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 347.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Ebwy Catchment Name: Ebbw Sirhowy Primacy: 1	A17NW (NW)	952	5	323625 190563
118	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 249.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A15SW (E)	987	5	325466 189765
119	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Ebbw Sirhowy Primacy: 1	A15SW (E)	993	5	325438 189577

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Gwent County Council            Location: Risca            Name: Pontymister Farm            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD14072            First Input Date: Not Supplied            Last Input Date: Not Supplied            Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 6920/0025            BGS Ref: Not Supplied            Other Ref: 2</p>	A12NE (W)	315	2	324024 189992
121	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Risca, Monmouth, Gwent            Name: Fernlea            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD31183            First Input Date: 31st December 1962            Last Input Date: 31st March 1973            Specified Waste Type: Not Supplied            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: 1414            Other Ref: Not Supplied</p>	A18NE (N)	828	2	324624 190748
122	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: GP3890VT            Location: Rogerstone Park, Rogerstone, Newport, Gwent, NP10 9SA            Operator Name: Insource Energy ( Rogerstone) Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Treatment - Biological  <b>Licence Status: Effective</b>            Issued: 17th January 2011            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	53	2	324323 189808
122	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 101615            Location: Rogerstone Park, Azalea Road, Rogerstone, Newport, NP10 9SA            Operator Name: Insource Energy ( Rogerstone) Ltd            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: Treatment - Biological  <b>Licence Status: Modified</b>            Issued: 17th January 2011            Last Modified: 8th December 2011            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	53	2	324323 189808
123	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: NP3895FH            Location: Yard 3 Commercial Lane, Risca, Newport, NP11 6AW            Operator Name: Kayleigh Parsons            Operator Location: Not Supplied            Authority: Natural Resources Wales            Site Category: End of Life Vehicles  <b>Licence Status: Effective</b>            Issued: 5th February 2018            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	122	2	324234 189989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Caerphilly County Borough Council - Has supplied landfill data		0	4	324399 189872
	<b>Local Authority Landfill Coverage</b> Name: Newport County Borough Council - Has no landfill data to supply		515	6	324601 189299
124	<b>Registered Landfill Sites</b> Licence Holder: Gwent County Council Licence Reference: 2 Site Location: Pontymister Farm, Risca, Newport, Gwent Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: As Site Address 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 March 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Excavated Former Refuse Tip	A13NW (W)	229	3	324108 189974
125	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: Glynwed Brickhouse Access Covers Ltd Licence Reference: 1993(22) Site Location: Glynwed Foundry, The Foundry, Pontymister, Newport, Gwent Operator Location: The Foundry, Pontymister, Gwent Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site exempt from licenceExempt Dated: 1st June 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Ferrous Metal Scrap Max.Storage In Licence	A13SW (W)	136	3	324200 189800
126	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: T & H Auto Salvage Licence Reference: 1993(26) Site Location: Car Dismantlers Yard, Rear Of Commercial Street, Pontymister, Newport, Gwent Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Scrapyard Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Batteries M.Stor Petrol M.Stor Scrap Vehicles M.Stor Tyres M.Stor Waste Oil M.Stor	A13NW (NW)	162	3	324200 190010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lower Devonian Rocks (Undifferentiated)	A13SW (SW)	0	1	324399 189872
127	<b>BGS Recorded Mineral Sites</b> Site Name: Channel View Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176557 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Brownstones Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	704	1	325148 190092
128	<b>BGS Recorded Mineral Sites</b> Site Name: Channel View Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176558 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Brownstones Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	727	1	325186 190048
129	<b>BGS Recorded Mineral Sites</b> Site Name: Prospect House Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176543 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Brownstones Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	759	1	324089 190670
130	<b>BGS Recorded Mineral Sites</b> Site Name: Prospect House Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176544 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Brownstones Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	802	1	324027 190690
131	<b>BGS Recorded Mineral Sites</b> Site Name: Channel View Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176559 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Brownstones Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	866	1	325322 190075

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	<b>BGS Recorded Mineral Sites</b> Site Name: Tir-Y-Cwm Location: Pontymister, Risca, Gwent Source: British Geological Survey, National Geoscience Information Service Reference: 176356 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Devonian Geology: Quartz Conglomerate Group (South Wales) Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	944	1	323485 190336
	<b>Coal Mining Affected Areas</b> 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.	A13SW (SW)	0	7	324399 189872
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	212	1	324268 189638
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	230	1	324506 190151
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	212	1	324268 189638
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	230	1	324506 190151
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	164	1	324275 189683
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	210	1	324211 189687



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	212	1	324268 189638
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	230	1	324506 190151
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	38	1	324399 190000
	<b>Radon Potential - Radon Affected Areas</b> 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	A13SW (SW)	0	1	324399 189872
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	324399 189872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	<b>Contemporary Trade Directory Entries</b> Name: R E L Engineering Ltd Location: Unit 1, Birds Industrial Estate, Risca, Newport, Gwent, NP11 6EW Classification: Engineers - General Status: <b>Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A13SW (SW)	0	-	324371 189839
133	<b>Contemporary Trade Directory Entries</b> Name: Brooks Car & Commercial Location: Unit 5, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	13	-	324369 189824
133	<b>Contemporary Trade Directory Entries</b> Name: Ezee Fit Tyres Location: Riverside Unit F1, Pontymister Industrial Estate, Risca, Newport, NP11 6NP Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	16	-	324368 189820
133	<b>Contemporary Trade Directory Entries</b> Name: Dawn To Dusk Autos Ltd Location: Unit 3, Islwyn Workshops, Pontymister Industrial Estate, Risca, Newport, NP11 6NP Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	19	-	324339 189838
134	<b>Contemporary Trade Directory Entries</b> Name: Classic Interiors Ltd Location: Unit 5, Birds Industrial Estate, Risca, Newport, Gwent, NP11 6EW Classification: Joinery Manufacturers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	0	-	324418 189858
134	<b>Contemporary Trade Directory Entries</b> Name: Texaco Location: 153, Commercial Street, Risca, Newport, NP11 6EE Classification: Petrol Filling Stations Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	7	-	324421 189903
134	<b>Contemporary Trade Directory Entries</b> Name: M S Motor Services Location: 153a, Commercial Street, Risca, Newport, NP11 6EE Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	7	-	324417 189906
134	<b>Contemporary Trade Directory Entries</b> Name: Texaco Location: 153, Commercial Street, Risca, Newport, NP11 6EE Classification: Petrol Filling Stations Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	8	-	324424 189902
134	<b>Contemporary Trade Directory Entries</b> Name: Commercial Street Service Station Location: 153, Commercial Street, Risca, Newport, NP11 6EE Classification: Petrol Filling Stations - 24 Hour Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	8	-	324424 189902
134	<b>Contemporary Trade Directory Entries</b> Name: Rowecord Engineering Location: Commercial St, Risca, Newport, Gwent, NP11 6EX Classification: Engineers - General Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	34	-	324438 189924
135	<b>Contemporary Trade Directory Entries</b> Name: Gfb Pallet Services Location: Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP Classification: Pallets, Crates & Packing Cases Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	18	-	324410 189779

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	<b>Contemporary Trade Directory Entries</b> Name: Brooks Garage Location: 94, Commercial Street, Risca, Newport, Gwent, NP11 6EE Classification: Mot Testing Centres Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (N)	34	-	324411 189969
136	<b>Contemporary Trade Directory Entries</b> Name: The Motor Inn Location: 92, Commercial Street, Risca, Newport, Gwent, NP11 6EE Classification: Car Dealers - Used Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (N)	34	-	324411 189969
136	<b>Contemporary Trade Directory Entries</b> Name: Andrew Edwards Location: 92, Commercial Street, Risca, Newport, Gwent, NP11 6EE Classification: Car Dealers - Used Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (N)	34	-	324411 189969
136	<b>Contemporary Trade Directory Entries</b> Name: Id Cars Location: 92, Commercial Street, Risca, Newport, Gwent, NP11 6EE Classification: Car Dealers Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13NE (N)	34	-	324411 189969
136	<b>Contemporary Trade Directory Entries</b> Name: Autocentres Location: 94, Commercial Street, Risca, Newport, Gwent, NP11 6EE Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (N)	34	-	324411 189969
137	<b>Contemporary Trade Directory Entries</b> Name: D G Howell Hydraulic Engineers Ltd Location: 78-84, Commercial Street, Risca, Newport, NP11 6BA Classification: Hydraulic Equipment & Accessories - Sales & Service Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	60	-	324318 190001
137	<b>Contemporary Trade Directory Entries</b> Name: D G Howell Location: 78-80, Commercial Street, Risca, Newport, Gwent, NP11 6BA Classification: Hydraulic Equipment & Accessories - Sales & Service Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	69	-	324311 190007
138	<b>Contemporary Trade Directory Entries</b> Name: Plastic Coatings Ltd Location: Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP Classification: Coating Specialists Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	85	-	324255 189811
139	<b>Contemporary Trade Directory Entries</b> Name: D & S Motor Cycle Servicing Location: Unit 24, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP Classification: Motor Cycle Repairs Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (S)	111	-	324348 189710
139	<b>Contemporary Trade Directory Entries</b> Name: Neil Taylor Garages Risca Location: Unit 21, Islwyn Workshops, Pontymister Industrial Estate, Risca, Newport, NP11 6NP Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (S)	146	-	324322 189687
139	<b>Contemporary Trade Directory Entries</b> Name: Screwfix Risca Location: UNIT 20-22, ISLWYN WORKSHOPS, PONTYMISTER INDUSTRIAL ESTATE, PONTYMISTER, RISCA, NP11 6NP Classification: Builders' Merchants Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	150	-	324316 189686

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R D A Recycling            Location: Commercial Lane, Risca, Newport, NP11 6AN            Classification: Car Breakers &amp; Dismantlers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	114	-	324217 189939
140	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J &amp; M Auto Salvage            Location: Commercial Lane, Risca, Newport, Gwent, NP11 6AN            Classification: Breakdown and Recovery            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	117	-	324214 189939
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gwent Mechanical Handling Ltd            Location: Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP            Classification: Fork Lift Trucks            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	117	-	324284 189756
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Motologic            Location: Unit 15, Islwyn Workshops, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP            Classification: Motor Cycle Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	158	-	324273 189714
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G R G Refrigeration Ltd            Location: Unit 14, Islwyn Workshops, Pontymister Industrial Estate, Risca, Newport, NP11 6NP            Classification: Air Conditioning &amp; Refrigeration Contractors            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	162	-	324269 189712
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G R G Refrigeration Ltd            Location: Unit 14, Islwyn Workshops, Pontymister Industrial Estate, Risca, Newport, NP11 6NP            Classification: Air Conditioning &amp; Refrigeration Contractors            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	162	-	324269 189712
141	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Ironing Service            Location: Unit 12/13, Islwyn Workshops, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP            Classification: Ironing &amp; Home Laundry Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	168	-	324259 189712
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Domestic Appliance Spares            Location: 121, Commercial Street, Risca, Newport, Gwent, NP11 6AZ            Classification: Electrical Appliance Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	135	-	324239 190018
142	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: L P Cladding            Location: 4, Commercial Lane, Risca, NEWPORT, Gwent, NP11 6AN            Classification: Cladding Suppliers &amp; Installers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	137	-	324213 189985
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Saint-Gobain Pipelines Plc            Location: Pontymister Ind Est, Risca, Newport, Gwent, NP11 6YL            Classification: Manhole Cover Manufacturers &amp; Distributors            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A13SW (SW)	135	-	324220 189776
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mojo Suspension            Location: 2 R B F Business Centre, Pontymister Industrial Estate, Risca, Newport, NP11 6NP            Classification: Motor Cycle Repairs            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	143	-	324203 189783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S Z Gears Ltd            Location: Unit 6, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP            Classification: Engineers - General            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	174	-	324202 189740
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M S J B Motors            Location: Unit 4, Pontymister Industrial Estate, Risca, Newport, NP11 6NP            Classification: Garage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	174	-	324192 189749
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gwent Mechanical Handling            Location: Unit 1, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP            Classification: Fork Lift Trucks            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	176	-	324174 189766
143	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Jenkins            Location: Unit 1, Pontymister Industrial Estate, Risca, Newport, Gwent, NP11 6NP            Classification: Control Panels            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	176	-	324174 189766
144	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Braithwaite Engineers Ltd            Location: Rowecord Building, Commercial Street, Newport Road, Risca, Newport, NP11 6EY            Classification: Tanks, Vats &amp; Cisterns            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	143	-	324572 189723
145	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Waldron Services            Location: 153, Commercial Street, Risca, Newport, Gwent, NP11 6EE            Classification: Petrol Filling Stations - 24 Hour            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (E)	144	-	324620 189808
146	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S G Supplies            Location: 9, Mill Street, Risca, Newport, Gwent, NP11 6EF            Classification: Engineering Materials            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	175	-	324575 190009
147	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tesco Petrol Station            Location: Pontymister Industrial Estate, Risca, Newport, NP11 6NP            Classification: Petrol Filling Stations            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	195	-	324124 189833
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Risca Launderette            Location: 91, Commercial Street, Risca, Newport, Gwent, NP11 6AZ            Classification: Laundries &amp; Launderettes            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	209	-	324172 190052
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Rover Discount            Location: 89, Commercial Street, Risca, Newport, Gwent, NP11 6AW            Classification: Car Breakers &amp; Dismantlers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	220	-	324161 190056
148	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D &amp; S Auto Services            Location: 9 Commercial Lane, Risca, Newport, Gwent, NP11 6AN            Classification: Car Breakdown &amp; Recovery Services            Status: <b>Active</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	223	-	324138 190027

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	<b>Contemporary Trade Directory Entries</b> Name: Contact Copiers Location: 79, Commercial Street, Risca, Newport, Gwent, NP11 6AW Classification: Photocopiers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	245	-	324140 190068
148	<b>Contemporary Trade Directory Entries</b> Name: One 2 One Logistics Location: 69, Commercial Street, Risca, Newport, Gwent, NP11 6AW Classification: Road Haulage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	271	-	324116 190080
149	<b>Contemporary Trade Directory Entries</b> Name: Return2chic Location: 55, Commercial Street, Risca, Newport, NP11 6AW Classification: Furniture - Repairing & Restoring Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	306	-	324084 190095
150	<b>Contemporary Trade Directory Entries</b> Name: K & G Body Repairs Ltd Location: 19, Commercial Lane, Risca, Newport, Gwent, NP11 6AN Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A12NE (NW)	359	-	324020 190094
150	<b>Contemporary Trade Directory Entries</b> Name: Quantock Joinery Location: 21, Commercial Lane, Risca, Newport, Gwent, NP11 6AN Classification: Staircase, Balustrade & Handrail Manufacturers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NE (NW)	365	-	324003 190076
151	<b>Contemporary Trade Directory Entries</b> Name: Xbridge Services Location: Suflex Est, Newport Rd, Risca, Newport, Gwent, NP11 6YD Classification: Telecommunications Equipment & Systems Status: <b>Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	426	-	324879 189688
151	<b>Contemporary Trade Directory Entries</b> Name: Systems Power Engineering Ltd Location: Suflex Estate, Newport Road, Risca, Newport, Gwent, NP11 6YD Classification: Electrical Engineers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	432	-	324875 189659
151	<b>Contemporary Trade Directory Entries</b> Name: Relats Uk Ltd Location: Suflex Estate, Newport Road, Risca, Newport, Gwent, NP11 6YD Classification: Insulation Materials Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	432	-	324875 189659
151	<b>Contemporary Trade Directory Entries</b> Name: Sulzer Metco Location: Suflex Estate, Newport Road, Risca, Newport, Gwent, NP11 6YD Classification: Coating Specialists Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	432	-	324875 189659
152	<b>Contemporary Trade Directory Entries</b> Name: Everclean Location: 73, Park Place, Risca, Newport, Gwent, NP11 6BN Classification: Cleaning Services - Domestic Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18SW (NW)	449	-	324139 190351
153	<b>Contemporary Trade Directory Entries</b> Name: German & Swedish Auto Breakers Ltd Location: 3, Commercial Street, Risca, Newport, Gwent, NP11 6AW Classification: Car Breakers & Dismantlers Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	458	-	323978 190210
154	<b>Contemporary Trade Directory Entries</b> Name: Sulzer Metco (UK) Location: Suflex Est, Newport Rd, Risca, Newport, Gwent, NP11 6YD Classification: Metal Finishing Services Status: <b>Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	497	-	324923 189610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S &amp; J Designs            Location: 7, Station Workshops, Park Rd Ind Est, Risca, Newport, Gwent, NP11 6PU            Classification: Screen Process Printers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (NW)	502	-	324148 190416
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A Warmer Home Ltd            Location: Unit 7, Park Road Ind Est, Station Workshops, Risca, Newport, Gwent, NP11 6PU            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (NW)	502	-	324148 190416
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Fuel Conservation Services            Location: Unit 3 Park Rd Ind Est, Risca, Newport, Gwent, NP11 6PU            Classification: Refractory Materials &amp; Supplies  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A18SW (NW)	553	-	324112 190455
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Specialist Refractory Solutions Ltd            Location: Unit 2/3, Station Workshops, Park Road Industrial Estate, Risca, Newport, Gwent, NP11 6PU            Classification: Refractory Materials &amp; Supplies  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	570	-	324095 190465
157	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Kleeneze Homecare            Location: 39, Sycamore Crescent, Risca, Newport, Gwent, NP11 6AG            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	611	-	324986 190209
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Welsh Pest Control Services            Location: 78, Ty Isaf Park Road, Risca, Newport, NP11 6NH            Classification: Pest &amp; Vermin Control  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	665	-	325148 189879
159	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: E C Kendall            Location: Castle Farm, Ochryth, Risca, Newport, Gwent, NP11 6ES            Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	670	-	323680 189660
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Terry Howell Timber &amp; Builders Merchants            Location: 37, Park Road, Risca, Newport, NP11 6PW            Classification: Builders' Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	678	-	323958 190506
161	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Energy Center            Location: 54, Tredegar Street, Risca, Newport, Gwent, NP11 6BW            Classification: Energy Efficient Products and Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	689	-	323860 190433
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Carls Fleet Mobile Tyre Services            Location: 46, Tanybryn, Risca, Newport, Gwent, NP11 6JR            Classification: Tyre Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	758	-	325218 189667
163	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ali Berber            Location: 40, Forsythia Close, Risca, Newport, Gwent, NP11 6PH            Classification: Carpet, Curtain &amp; Upholstery Cleaners  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	796	-	325188 190232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Birds Cleaning            Location: 40, Forsythia Close, Risca, Newport, Gwent, NP11 6PH            Classification: Commercial Cleaning Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	796	-	325188 190232
164	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: 2 Sisters Food Group            Location: Azalea Road, Rogerstone, Newport, Gwent, NP10 9SA            Classification: Food Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	803	-	325174 189430
165	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B N Neale &amp; Son            Location: 4, Gwendoline Road, Risca, Newport, Gwent, NP11 6DD            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	830	-	323703 190465
166	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Risca Reclamation            Location: Danygraig Rd, Risca, Newport, Gwent, NP11 6DB            Classification: Salvage Dealers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	846	-	323744 190539
167	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P L S Contract Cleaning Services            Location: 47, Preseli Close, Risca, Newport, Gwent, NP11 6RQ            Classification: Commercial Cleaning Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	896	-	325150 190459
168	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: 2 Sisters Food Group            Location: Azalea Road, Rogerstone, Newport, Gwent, NP10 9SA            Classification: Food Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	924	-	325267 189351
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Risca Builders Supply            Location: Tredegar Street, Risca, Newport, Gwent, NP11 6BU            Classification: Builders' Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	926	-	323828 190718
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Risca Builders Supply            Location: Tredegar Street, Risca, Newport, NP11 6BU            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	926	-	323827 190717
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Risca Builders Supply            Location: Tredegar Street, Risca, Newport, Gwent, NP11 6BU            Classification: Builders' Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	926	-	323828 190718
170	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Caesar Graphics            Location: 21, Cleveland Drive, Risca, Newport, Gwent, NP11 6RD            Classification: Printers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	939	-	325213 190452
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B Mitchem &amp; Sons            Location: 33, Bridge Street, Risca, Newport, Gwent, NP11 6DE            Classification: Dairies  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NW (NW)	997	-	323713 190717
172	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R D Morris            Location: 126, St. Mary Street, Risca, Newport, Gwent, NP11 6GR            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	998	-	323840 190812



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	<p><b>Fuel Station Entries</b></p> <p>Name: Commercial Street Service Station            Location: 153, Commercial Street , Risca , Newport, Caerphilly, NP11 6EE            Brand: TEXACO            Premises Type: Petrol Station  <b>Status: Open</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	8	-	324424 189902
174	<p><b>Fuel Station Entries</b></p> <p>Name: Tesco Risca Extra            Location: Newport Road , Risca , Newport, Caerphilly, NP11 6NP            Brand: Tesco Extra            Premises Type: Hypermarket  <b>Status: Open</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NE (W)	435	-	323917 190054
175	<p><b>Fuel Station Entries</b></p> <p>Name: Pontymister Service Station            Location: Newport Road , Risca , Newport, Caerphilly, NP11 6LT            Brand: Texaco            Premises Type: Not Applicable  <b>Status: Obsolete</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	862	-	325336 189736

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	<b>Ancient Woodland</b> Name: Not Supplied Reference: 16003 Area(m <sup>2</sup> ): 13747.8 Type: Ancient and Semi-Natural Woodland	A13SW (SW)	198	2	324291 189644
177	<b>Ancient Woodland</b> Name: Not Supplied Reference: 16000 Area(m <sup>2</sup> ): 24203.18 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	275	2	324577 189552
178	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15999 Area(m <sup>2</sup> ): 13846.43 Type: Ancient and Semi-Natural Woodland	A8NE (S)	436	2	324571 189372
179	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8434 Area(m <sup>2</sup> ): 3265.19 Type: Ancient and Semi-Natural Woodland	A8NE (S)	447	2	324576 189362
180	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8482 Area(m <sup>2</sup> ): 8080.42 Type: Ancient and Semi-Natural Woodland	A14SW (SE)	465	2	324859 189564
181	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15801 Area(m <sup>2</sup> ): 3931.08 Type: Ancient and Semi-Natural Woodland	A8NW (S)	501	2	324392 189285
182	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8434 Area(m <sup>2</sup> ): 8304.53 Type: Ancient and Semi-Natural Woodland	A8NW (S)	501	2	324396 189284
183	<b>Ancient Woodland</b> Name: Not Supplied Reference: 39705 Area(m <sup>2</sup> ): 55170.98 Type: Plantation on Ancient Woodland	A8NE (S)	516	2	324621 189306
184	<b>Ancient Woodland</b> Name: Not Supplied Reference: 41468 Area(m <sup>2</sup> ): 14292.09 Type: Plantation on Ancient Woodland	A8NE (SE)	519	2	324634 189307
185	<b>Ancient Woodland</b> Name: Not Supplied Reference: 41468 Area(m <sup>2</sup> ): 124.82 Type: Plantation on Ancient Woodland	A8NE (S)	530	2	324524 189263
186	<b>Ancient Woodland</b> Name: Not Supplied Reference: 16006 Area(m <sup>2</sup> ): 14419.3 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	533	2	324955 190109
187	<b>Ancient Woodland</b> Name: Not Supplied Reference: 16007 Area(m <sup>2</sup> ): 33227.43 Type: Ancient and Semi-Natural Woodland	A14NW (NE)	553	2	324955 190149
188	<b>Ancient Woodland</b> Name: Not Supplied Reference: 47796 Area(m <sup>2</sup> ): 200081.86 Type: Plantation on Ancient Woodland	A8NE (S)	555	2	324633 189268
189	<b>Ancient Woodland</b> Name: Not Supplied Reference: 48364 Area(m <sup>2</sup> ): 1477.85 Type: Ancient Woodland Site of Unknown Category	A8NE (SE)	600	2	324722 189260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8434 Area(m <sup>2</sup> ): 27867.07 Type: Ancient and Semi-Natural Woodland	A8SE (S)	664	2	324449 189121
191	<b>Ancient Woodland</b> Name: Not Supplied Reference: 39705 Area(m <sup>2</sup> ): 213870.76 Type: Plantation on Ancient Woodland	A9SW (SE)	682	2	324753 189184
192	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15800 Area(m <sup>2</sup> ): 1364.66 Type: Ancient and Semi-Natural Woodland	A8SW (S)	695	2	324320 189098
193	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15998 Area(m <sup>2</sup> ): 3046 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	739	2	324978 189286
194	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8315 Area(m <sup>2</sup> ): 28306.02 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	742	2	324983 189288
195	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15997 Area(m <sup>2</sup> ): 2855.43 Type: Ancient and Semi-Natural Woodland	A9NW (SE)	746	2	324989 189288
196	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15804 Area(m <sup>2</sup> ): 50580.87 Type: Ancient and Semi-Natural Woodland	A12SW (W)	769	2	323598 189594
197	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8434 Area(m <sup>2</sup> ): 25271.71 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	811	2	324853 189093
198	<b>Ancient Woodland</b> Name: Not Supplied Reference: 39681 Area(m <sup>2</sup> ): 7332.17 Type: Plantation on Ancient Woodland	A9SW (SE)	827	2	324954 189145
199	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15251 Area(m <sup>2</sup> ): 4842.09 Type: Ancient and Semi-Natural Woodland	A8SW (S)	905	2	324362 188882
200	<b>Ancient Woodland</b> Name: Not Supplied Reference: 8481 Area(m <sup>2</sup> ): 15520.39 Type: Ancient and Semi-Natural Woodland	A9NE (E)	932	2	325349 189501
201	<b>Ancient Woodland</b> Name: Not Supplied Reference: 18241 Area(m <sup>2</sup> ): 2635.19 Type: Ancient and Semi-Natural Woodland	A17SW (NW)	945	2	323490 190347
202	<b>Ancient Woodland</b> Name: Not Supplied Reference: 39681 Area(m <sup>2</sup> ): 68866.17 Type: Plantation on Ancient Woodland	A9SE (SE)	963	2	325132 189123
203	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15797 Area(m <sup>2</sup> ): 10098.29 Type: Ancient and Semi-Natural Woodland	A7SE (SW)	996	2	323858 188969

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	<b>Ancient Woodland</b> Name: Not Supplied Reference: 15803 Area(m <sup>2</sup> ): 11598.63 Type: Ancient and Semi-Natural Woodland	A7NW (SW)	998	2	323414 189444

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Newport City Council - Public Protection and Environmental Services Cardiff Council - Pollution Control Division Natural Resources Wales Torfaen County Borough Council - Department for the Environmental Caerphilly County Borough Council - Environmental Health Department	January 2015 January 2020 November 2023 October 2017 September 2017	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Welsh Region Natural Resources Wales	August 2014 May 2024	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Welsh Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Welsh Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Welsh Region Natural Resources Wales	January 2021 May 2024	Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Torfaen County Borough Council - Department for the Environmental Newport City Council - Public Protection and Environmental Services Cardiff Council - Pollution Control Division Caerphilly County Borough Council - Environmental Health Department	December 2015 December 2020 March 2016 September 2014	Variable Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Newport City Council - Public Protection and Environmental Services Cardiff Council - Pollution Control Division Torfaen County Borough Council - Department for the Environmental Caerphilly County Borough Council - Environmental Health Department	December 2020 March 2016 November 2015 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable
<b>Local Authority Pollution Prevention and Control Enforcements</b> Torfaen County Borough Council - Department for the Environmental Newport City Council - Public Protection and Environmental Services Cardiff Council - Pollution Control Division Caerphilly County Borough Council - Environmental Health Department	December 2015 June 2014 March 2016 September 2014	Variable Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	April 2024	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region	December 1998	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	As notified
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>Substantiated Pollution Incident Register</b> Natural Resources Wales Environment Agency Wales - South East Area	February 2024 January 2021	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Welsh Region Natural Resources Wales	April 2024 May 2024	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Industry Act Referrals</b> Environment Agency - Welsh Region Natural Resources Wales	October 2017 October 2022	
<b>Groundwater Vulnerability Map</b> Natural Resources Wales	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Natural Resources Wales	January 2018	As notified
<b>Superficial Aquifer Designations</b> Natural Resources Wales	January 2018	As notified
<b>Source Protection Zones</b> Natural Resources Wales	July 2022	Annual Rolling Update
<b>Extreme Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	
<b>Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	August 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	November 2019	
<b>OS Water Network Lines</b> Ordnance Survey	April 2024	Quarterly
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Natural Resources Wales	March 2023	As notified
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Welsh Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency Wales - South East Area Natural Resources Wales	January 2023 October 2021	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency Wales - South East Area Natural Resources Wales	July 2021 May 2024	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Caerphilly County Borough Council - Environmental Health Department Cardiff Council Newport City Council Torfaen County Borough Council - Department for the Environmental	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Caerphilly County Borough Council - Environmental Health Department Cardiff Council Newport City Council Torfaen County Borough Council - Department for the Environmental	October 2018 October 2018 October 2018 October 2018	
<b>Registered Landfill Sites</b> Environment Agency Wales - South East Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency Wales - South East Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency Wales - South East Area	June 2015	
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	January 2024	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Caerphilly County Borough Council - Planning Department Cardiff Council - Regulatory Services Torfaen County Borough Council - Planning Department Newport City Council - Planning Department	January 2023 July 2023 June 2023 October 2015	Variable Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> Torfaen County Borough Council - Planning Department Caerphilly County Borough Council - Planning Department Cardiff Council - Regulatory Services Newport City Council - Planning Department	February 2016 January 2023 October 2015 October 2015	Variable Variable Variable Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	June 2024	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	February 2024	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Underground Electrical Cables</b> National Grid	January 2024	Bi-Annually



Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural Resources Wales	April 2024	Bi-Annually
<b>Areas of Adopted Green Belt</b> Caerphilly County Borough Council Cardiff Council Newport City Council Torfaen County Borough Council	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Caerphilly County Borough Council Cardiff Council Newport City Council Torfaen County Borough Council	July 2024 July 2024 July 2024 July 2024	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural Resources Wales	May 2024	Bi-Annually
<b>Environmentally Sensitive Areas</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
<b>Forest Parks</b> Forestry Commission	May 2023	Not Applicable
<b>Local Nature Reserves</b> Caerphilly County Borough Council Cardiff Council Newport City Council Torfaen County Borough Council	February 2024 February 2024 February 2024 February 2024	Bi-Annually Bi-Annually Bi-Annually Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	February 2024	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	February 2024	Bi-Annually
<b>National Parks</b> Natural Resources Wales	February 2018	Annually
<b>Nitrate Vulnerable Zones</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 April 2024	Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	February 2024	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural Resources Wales	October 2023	Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales	April 2024	Bi-Annually
<b>Special Protection Areas</b> Natural Resources Wales	April 2024	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> 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	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	<b>Caerphilly County Borough Council - Environmental Health Department</b> Pontllanfraith, Blackwood, NP12 2YW	Telephone: 01443 815588 Fax: 01443 864307 Website: www.caerphilly.gov.uk
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Newport City Council</b> Civic Centre, Newport, South Wales, NP9 4UR	Telephone: 01633 656656 Fax: 01633 244721 Website: www.newport.gov.uk
7	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



# APPENDIX D

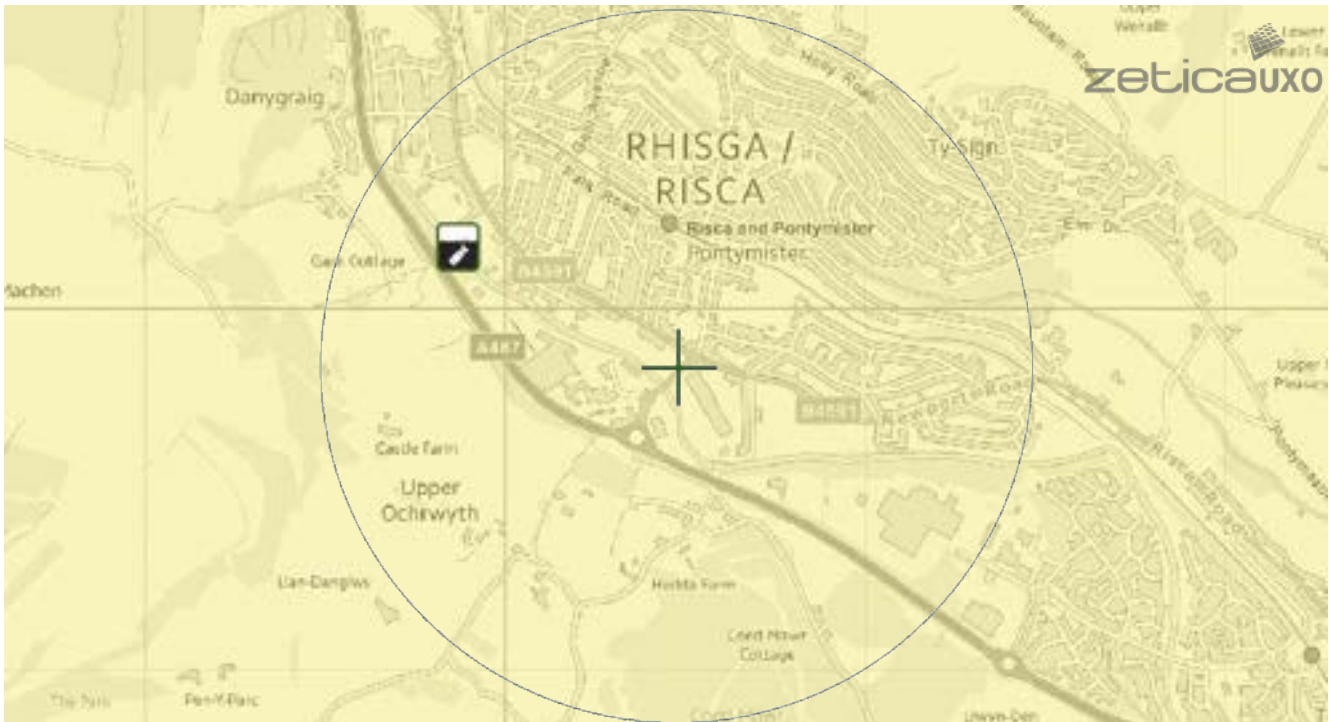
## Zetica UXO Risk Mapping

# UNEXPLODED BOMB RISK MAP



## SITE LOCATION

Map Centre: 324447,189844



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

## LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.

- Military
- Industry
- UXO find
- Other
- Transport
- Docks
- Luftwaffe targets
- Utilities
- Bombing decoy
- Airfields

### How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

### What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density. Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then [additional detailed research](#) is recommended.

### If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our [pre-desk study assessments \(PDSA\)](#) by emailing a site boundary and location to [pdsa@zetica.com](mailto:pdsa@zetica.com).

**You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.**

### If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 email: [uxo@zetica.com](mailto:uxo@zetica.com) web: [www.zeticauxo.com](http://www.zeticauxo.com)

The information in this UXB risk map is derived from a range of sources and should be used with the [accompanying notes on our website](#).

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